

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060220\
 Data File : VY002811.D
 Acq On : 02 Jun 2020 10:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 11:31:32 AM

Quant Time: Jun 03 05:17:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	352564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	520473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	476103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	251808	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	146781	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	7.72	113	151970	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
50) Toluene-d8	10.18	98	590129	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.48	95	204006	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	109839	45.277	ug/l	96
3) Chloromethane	2.12	50	122937	45.815	ug/l	98
4) Vinyl Chloride	2.26	62	139099	49.044	ug/l	97
5) Bromomethane	2.65	94	94946	44.672	ug/l	94
6) Chloroethane	2.80	64	86437	47.013	ug/l	99
7) Trichlorofluoromethane	3.13	101	231083	46.004	ug/l	98
8) Diethyl Ether	3.54	74	85469	43.576	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	142661	47.834	ug/l	98
10) Methyl Iodide	4.10	142	200785	48.113	ug/l	98
11) Tert butyl alcohol	4.97	59	73655	222.455	ug/l	99
12) 1,1-Dichloroethene	3.88	96	139530	46.520	ug/l	94
13) Acrolein	3.74	56	92548	257.979	ug/l	100
14) Allyl chloride	4.49	41	208886	48.559	ug/l	98
15) Acrylonitrile	5.18	53	212147	239.755	ug/l	99
16) Acetone	3.96	43	195149	271.863	ug/l	100
17) Carbon Disulfide	4.20	76	410358	45.276	ug/l	98
18) Methyl Acetate	4.49	43	88169	48.930	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	393130	47.479	ug/l	99
20) Methylene Chloride	4.72	84	157203	44.813	ug/l	100
21) trans-1,2-Dichloroethene	5.23	96	155768	46.180	ug/l	98
22) Diisopropyl ether	6.13	45	430521	48.161	ug/l	97
23) Vinyl Acetate	6.07	43	1470122	249.094	ug/l	100
24) 1,1-Dichloroethane	6.02	63	250630	47.929	ug/l	99
25) 2-Butanone	6.99	43	275498	246.340	ug/l	99
26) 2,2-Dichloropropane	6.99	77	229743	45.810	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	175191	46.396	ug/l	100
28) Bromochloromethane	7.34	49	105646	49.214	ug/l	99
29) Tetrahydrofuran	7.35	42	174357	239.681	ug/l	99
30) Chloroform	7.51	83	261298	47.090	ug/l	99
31) Cyclohexane	7.78	56	232303	44.744	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	237470	45.925	ug/l	100
36) 1,1-Dichloropropene	7.93	75	204162	46.566	ug/l	100
37) Ethyl Acetate	7.08	43	118080	49.501	ug/l	99
38) Carbon Tetrachloride	7.91	117	223233	45.833	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	266336	46.087	ug/l	99
40) Benzene	8.16	78	603836	46.611	ug/l	100
41) Methacrylonitrile	7.32	41	62178m	48.520	ug/l	
42) 1,2-Dichloroethane	8.24	62	166124	45.756	ug/l	99
43) Isopropyl Acetate	8.28	43	219483	48.554	ug/l	99
44) Trichloroethene	8.94	130	187933	45.926	ug/l	97
45) 1,2-Dichloropropane	9.22	63	147954	47.624	ug/l	100
46) Dibromomethane	9.31	93	86698	46.990	ug/l	99
47) Bromodichloromethane	9.50	83	208511	47.938	ug/l	99
48) Methyl methacrylate	9.30	41	97829	47.941	ug/l	98
49) 1,4-Dioxane	9.30	88	24640	869.754	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	584218	244.070	ug/l	100
52) Toluene	10.24	92	392718	46.340	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	226459	47.667	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	254743	47.321	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	131698	46.624	ug/l	97
56) Ethyl methacrylate	10.51	69	183218	48.427	ug/l	100
57) 1,3-Dichloropropane	10.79	76	219612	47.269	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	459633	248.628	ug/l	99
59) 2-Hexanone	10.83	43	419181	246.816	ug/l	99
60) Dibromochloromethane	10.99	129	167384	46.740	ug/l	99
61) 1,2-Dibromoethane	11.09	107	131875	47.328	ug/l	100
64) Tetrachloroethene	10.72	164	195103	45.089	ug/l	99
65) Chlorobenzene	11.52	112	440207	46.780	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	167904	47.376	ug/l	100
67) Ethyl Benzene	11.59	91	765643	46.932	ug/l	100
68) m/p-Xylenes	11.70	106	591583	93.529	ug/l	100
69) o-Xylene	12.03	106	281889	47.209	ug/l	100
70) Styrene	12.04	104	490301	47.367	ug/l	100
71) Bromoform	12.21	173	113792	47.984	ug/l #	99
73) Isopropylbenzene	12.33	105	767114	47.538	ug/l	100
74) N-amyl acetate	12.14	43	202972	49.022	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	144374	50.992	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	111354m	49.077	ug/l	
77) Bromobenzene	12.61	156	197605	47.029	ug/l	99
78) n-propylbenzene	12.67	91	892548	47.883	ug/l	100
79) 2-Chlorotoluene	12.75	91	491632	47.019	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	638306	47.375	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	60248	50.026	ug/l	97
82) 4-Chlorotoluene	12.85	91	514466	46.962	ug/l	99
83) tert-Butylbenzene	13.08	119	571795	47.576	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	639468	47.201	ug/l	100
85) sec-Butylbenzene	13.25	105	773990	47.099	ug/l	100
86) p-Isopropyltoluene	13.37	119	732344	47.894	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	368917	46.352	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	369408	46.398	ug/l	100
89) n-Butylbenzene	13.70	91	658730	47.450	ug/l	100
90) Hexachloroethane	13.96	117	136680	47.747	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	336364	46.600	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26264	48.215	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	250666	46.073	ug/l	99
94) Hexachlorobutadiene	15.11	225	144524	46.835	ug/l	99
95) Naphthalene	15.23	128	507668	46.538	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	224804	46.271	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

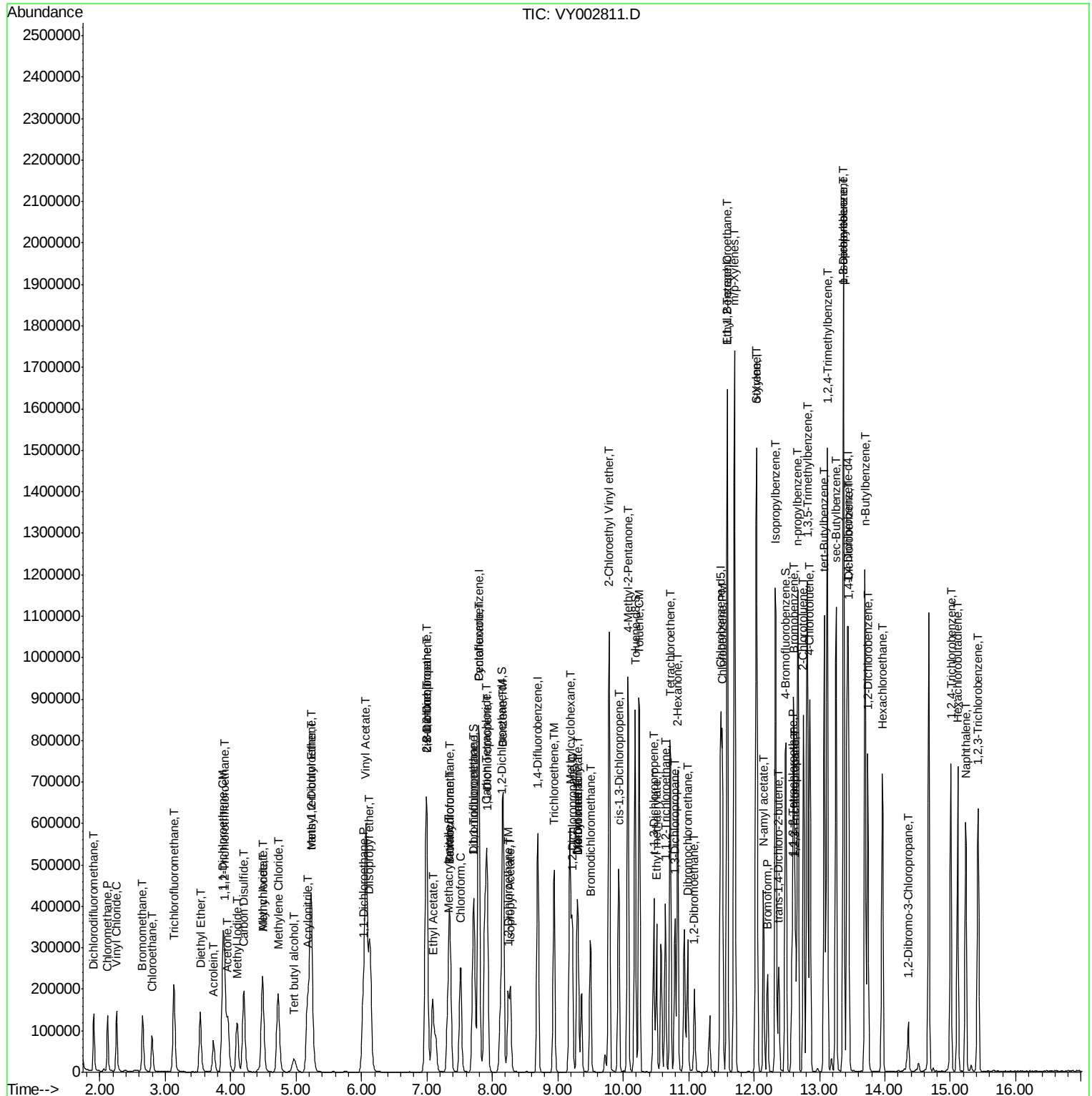
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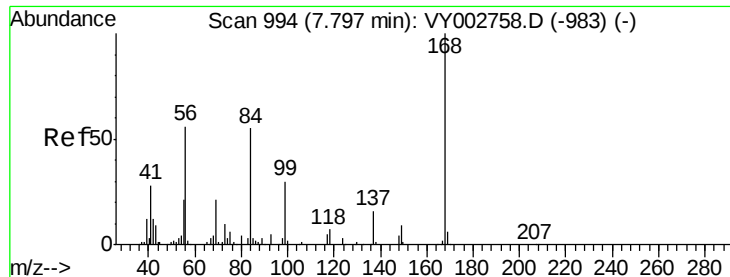
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 352564

Ion Ratio Lower Upper

168 100

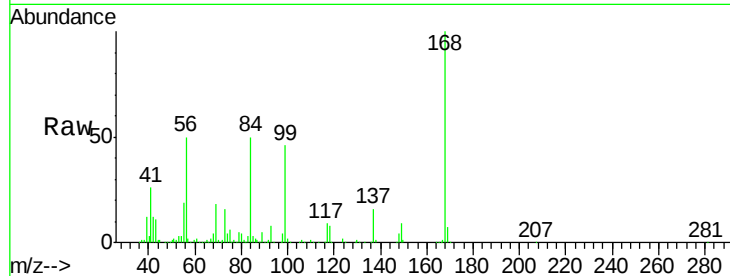
99 46.0 39.0 58.4

Manual Integrations

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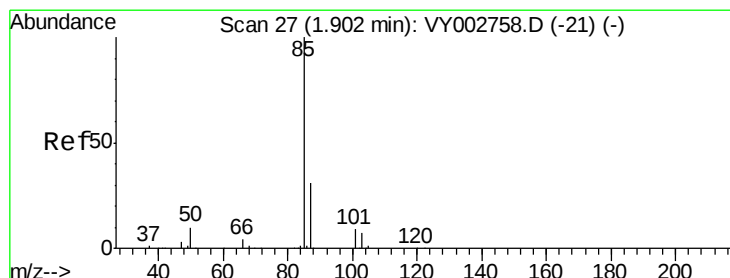
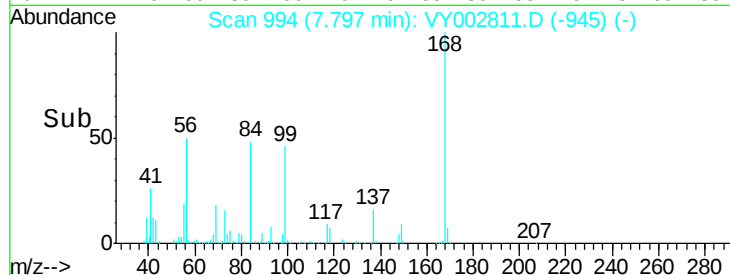
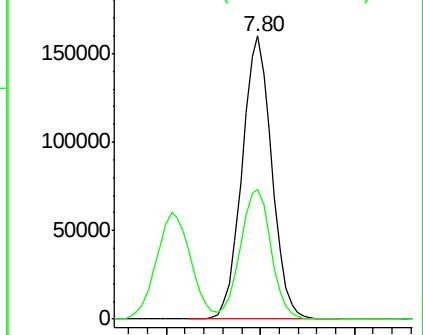
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Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 45.277 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002811.D

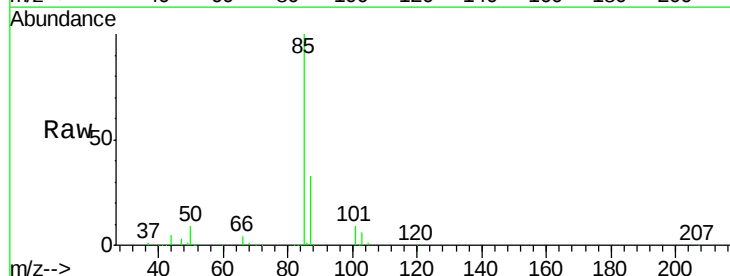
Acq: 02 Jun 2020 10:26

Tgt Ion: 85 Resp: 109839

Ion Ratio Lower Upper

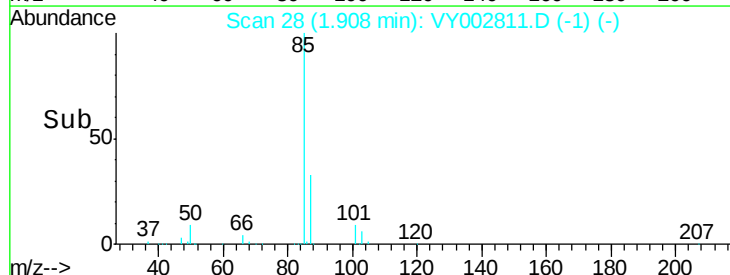
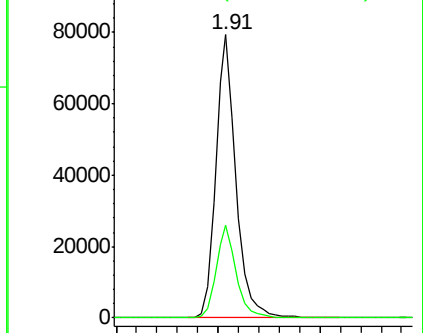
85 100

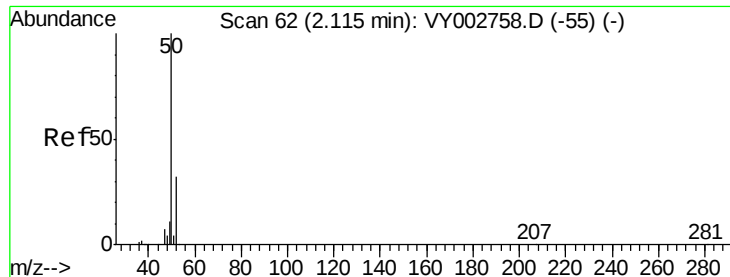
87 33.0 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)





#3

Chloromethane

Concen: 45.815 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 122937

Ion Ratio Lower Upper

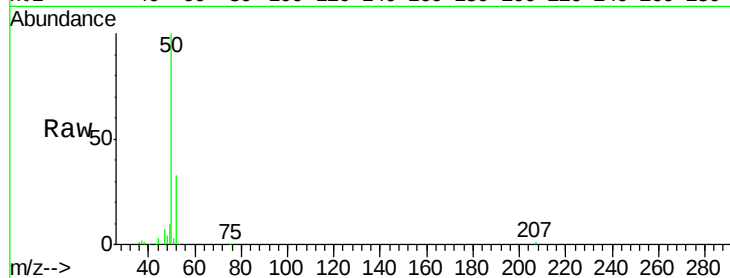
50 100

52 33.1 25.8 38.6

Manual Integrations
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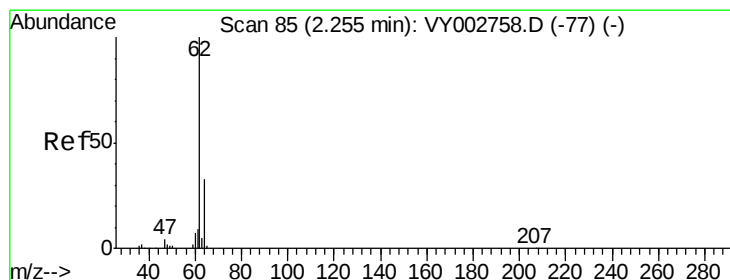
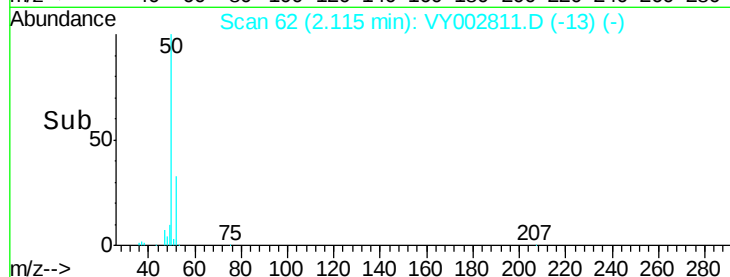
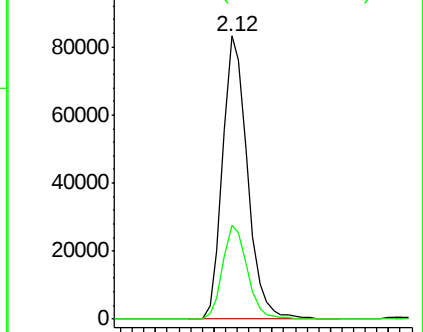
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 49.044 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002811.D

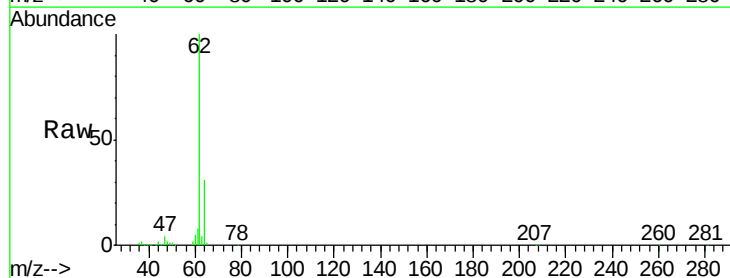
Acq: 02 Jun 2020 10:26

Tgt Ion: 62 Resp: 139099

Ion Ratio Lower Upper

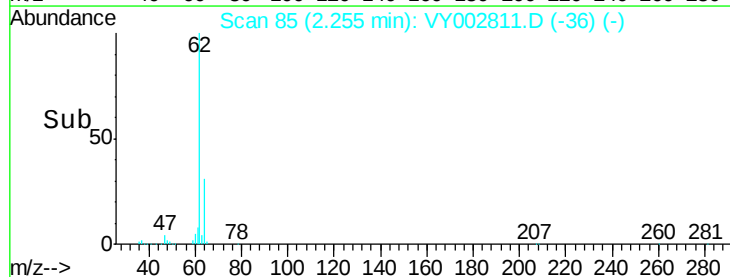
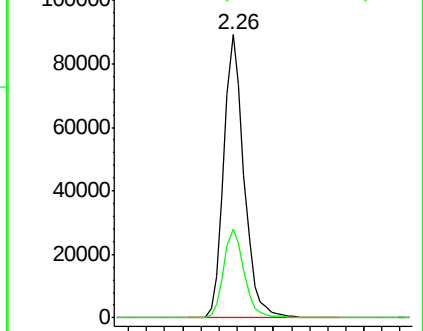
62 100

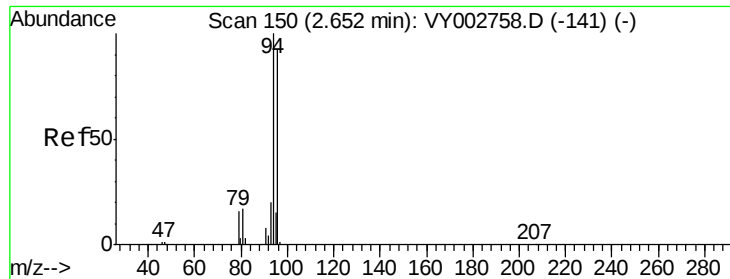
64 31.2 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 44.672 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

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ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 94946

Ion Ratio Lower Upper

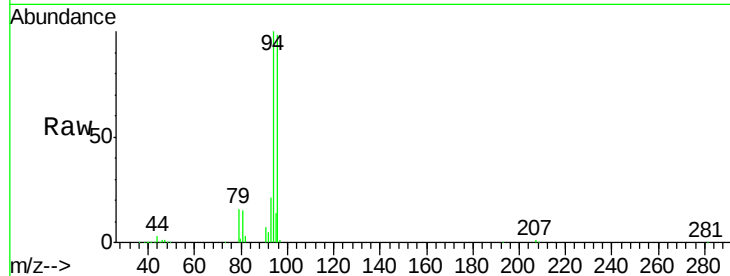
94 100

96 98.1 73.7 110.5

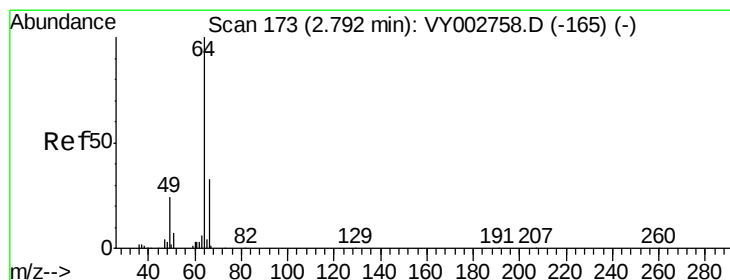
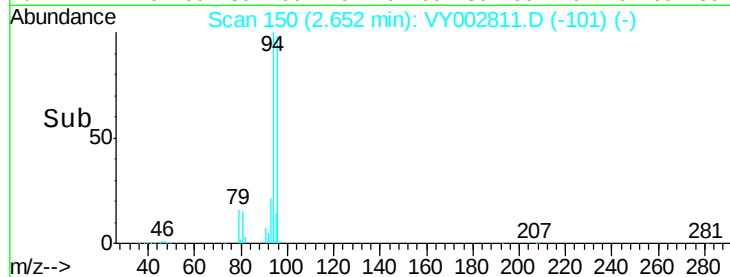
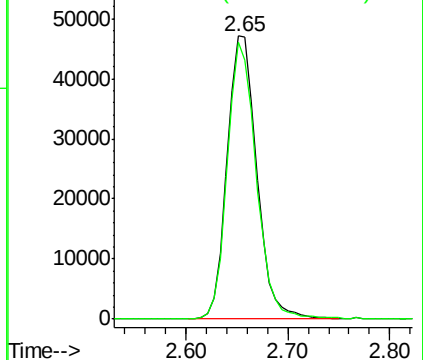
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Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.013 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002811.D

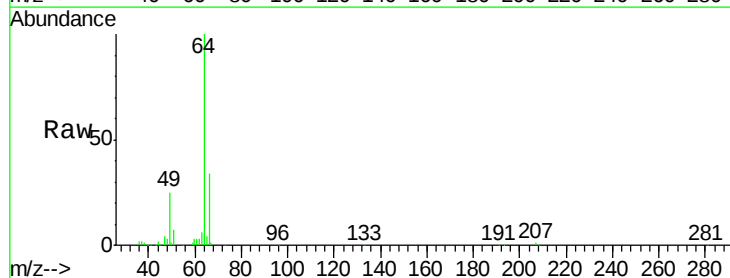
Acq: 02 Jun 2020 10:26

Tgt Ion: 64 Resp: 86437

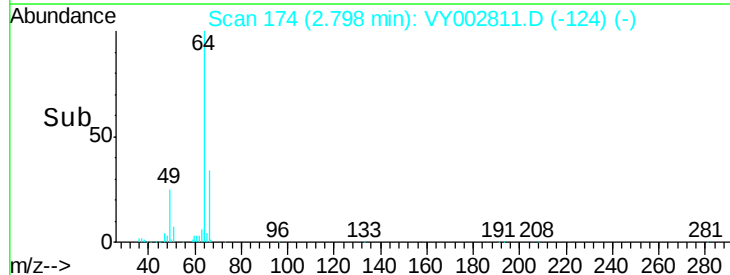
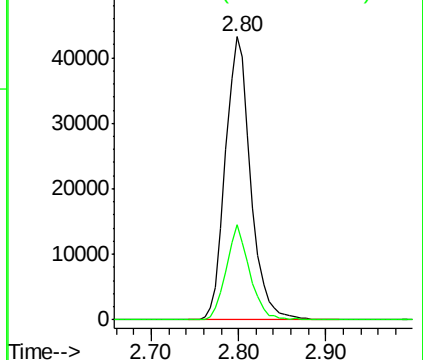
Ion Ratio Lower Upper

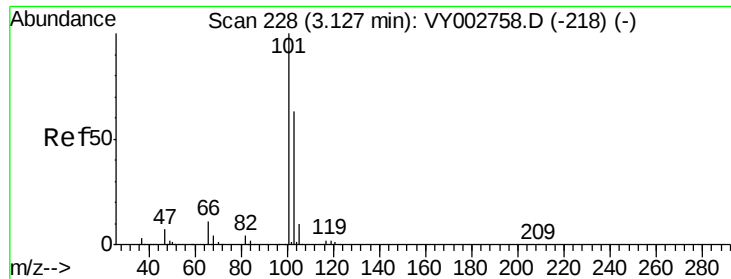
64 100

66 33.5 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0





#7

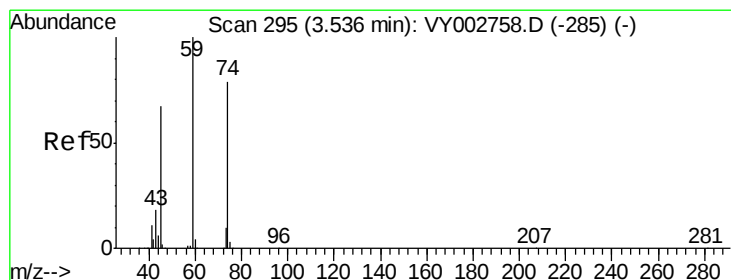
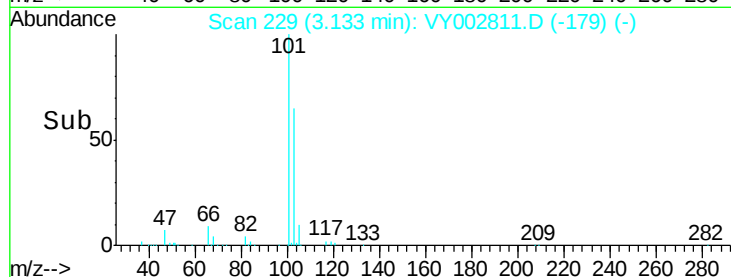
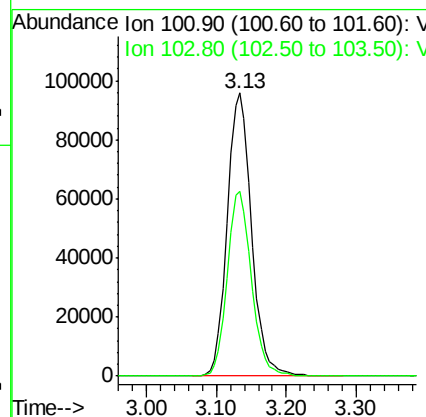
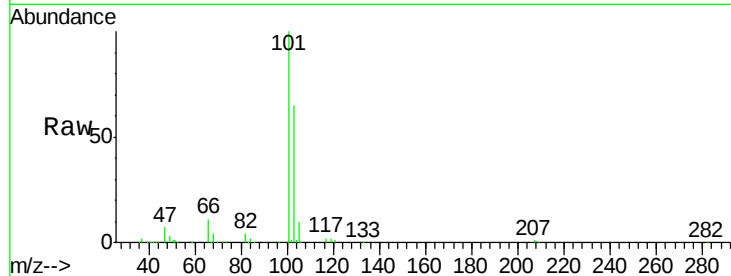
Trichlorofluoromethane
Concen: 46.004 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	231083		
103	65.1	50.6	76.0	

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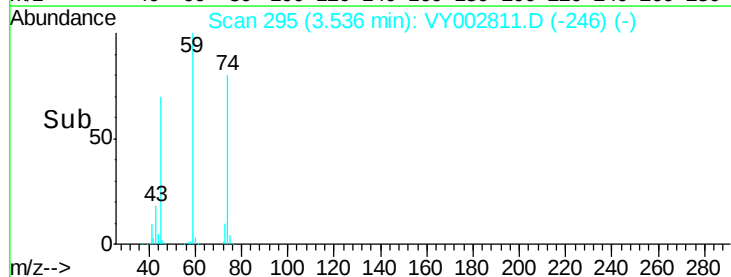
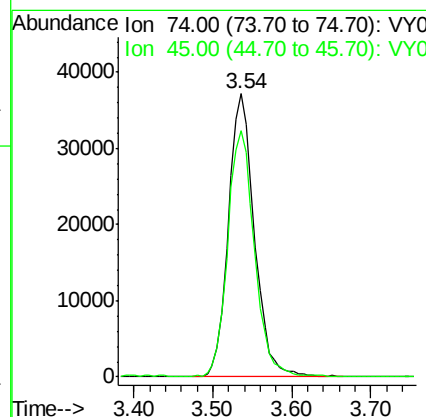
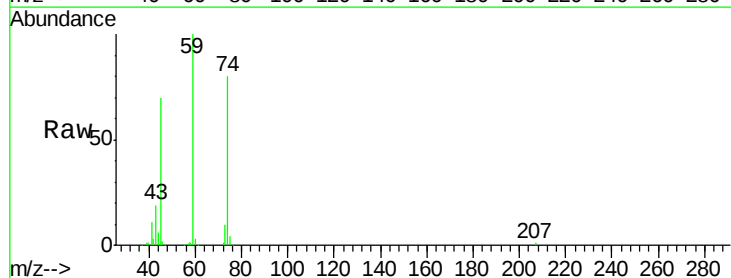
MMDadoda
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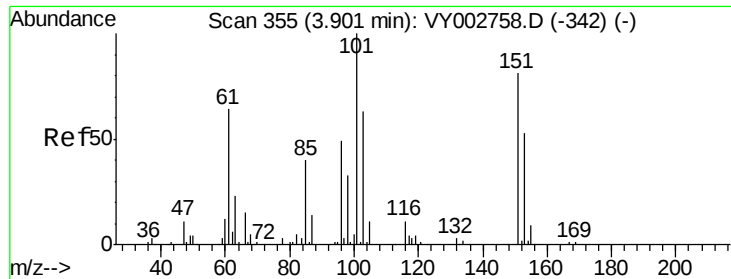


#8

Diethyl Ether
Concen: 43.576 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	85469		
45	90.1	44.0	131.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.834 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

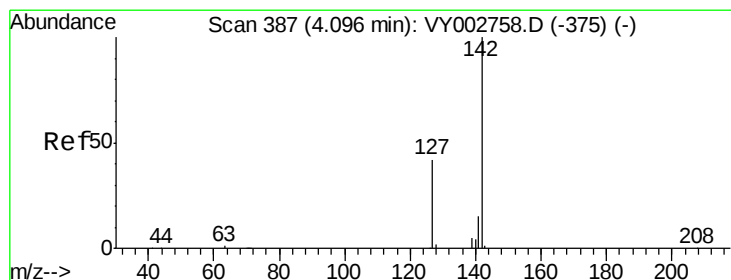
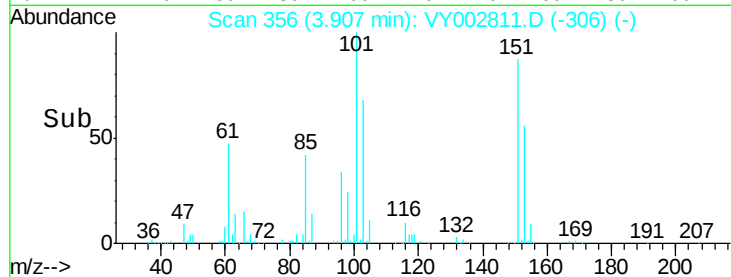
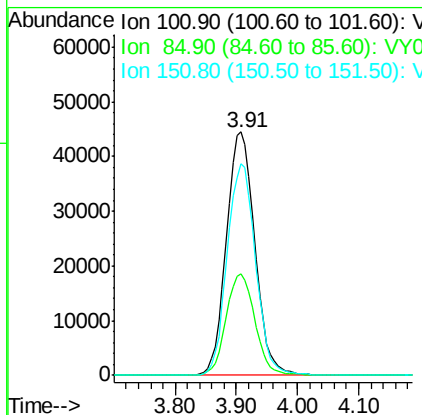
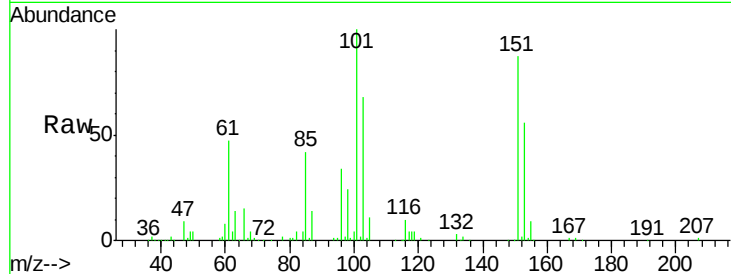
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	142661
Ion Ratio	Lower	Upper	
101	100		
85	42.1	32.7	49.1
151	86.8	68.0	102.0

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#10

Methyl Iodide

Concen: 48.113 ug/l

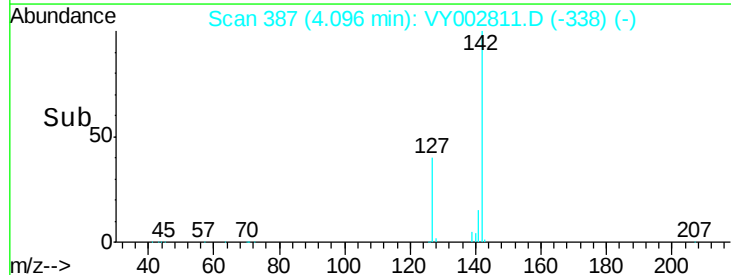
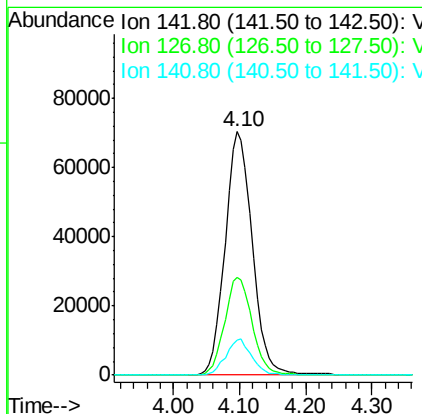
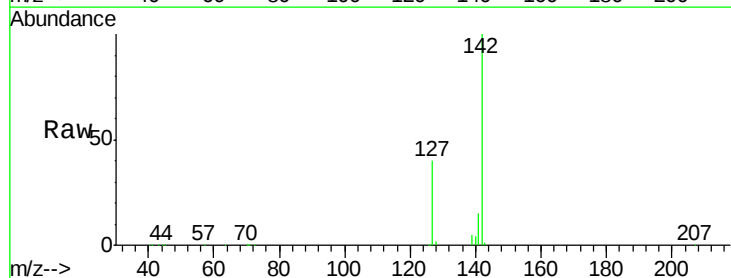
RT: 4.10 min Scan# 387

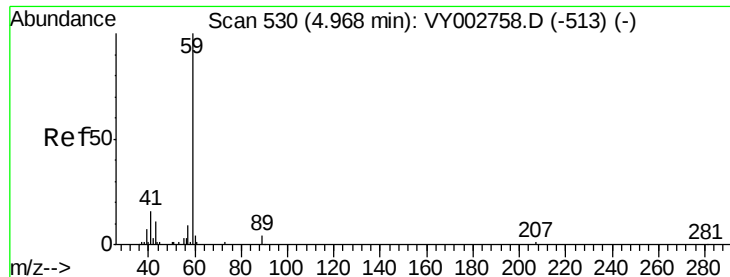
Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Tgt Ion:	142	Resp:	200785
Ion Ratio	Lower	Upper	
142	100		
127	40.4	33.3	49.9
141	14.1	11.5	17.3





#11

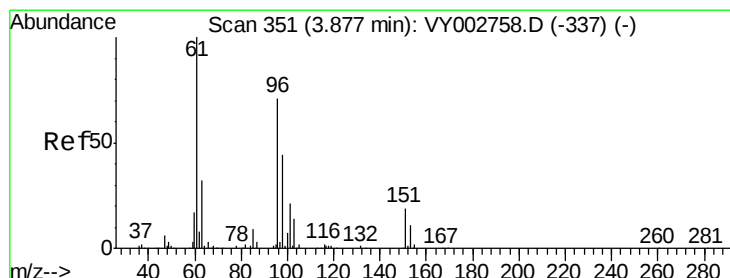
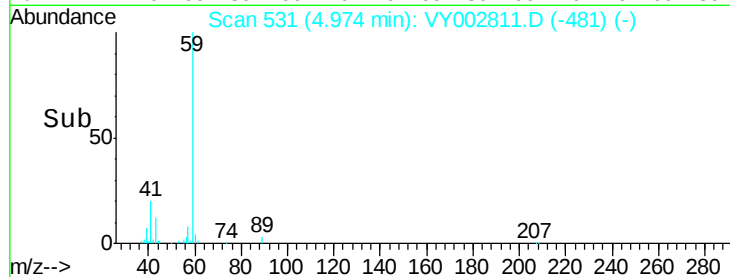
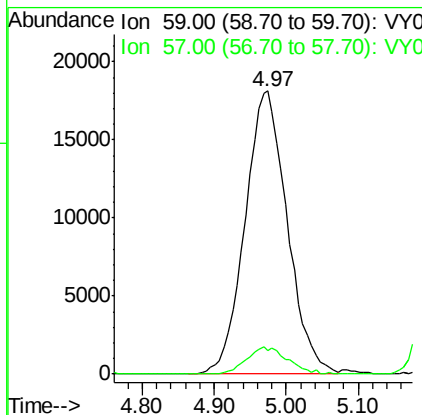
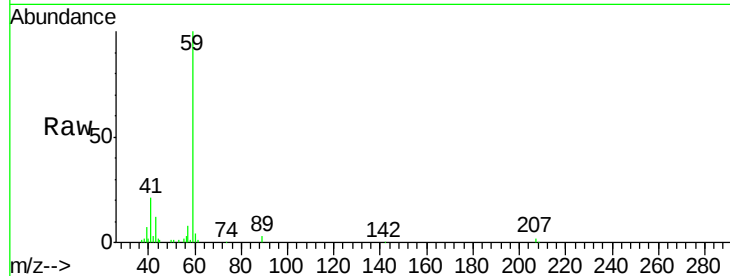
Tert butyl alcohol
 Concen: 222.455 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.7	11.5

Manual Integrations
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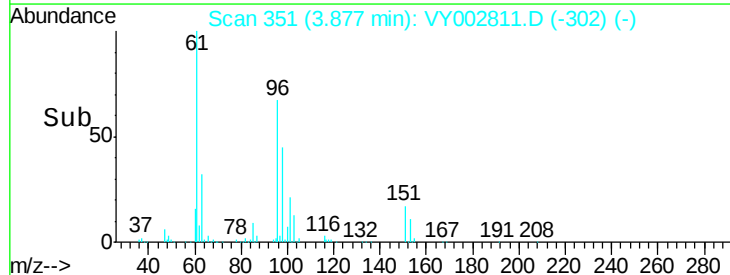
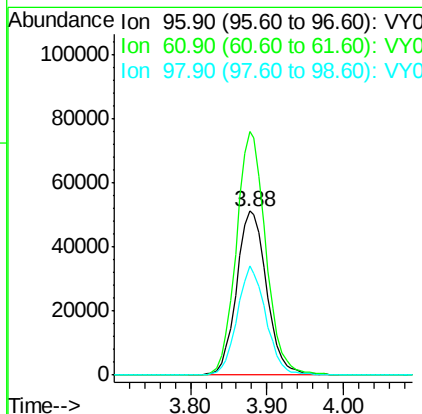
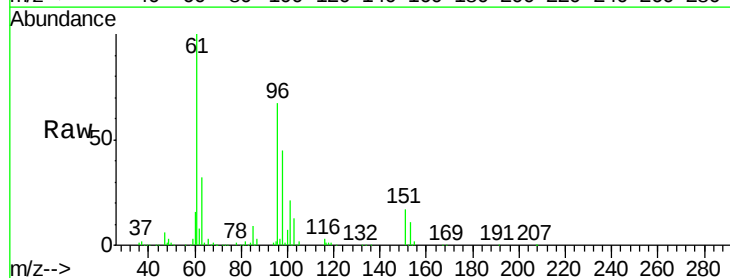
MMDadoda
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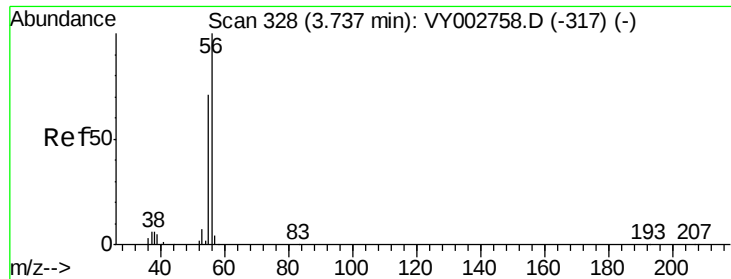


#12

1,1-Dichloroethene
 Concen: 46.520 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.3	112.6	168.8
98	66.3	50.0	75.0





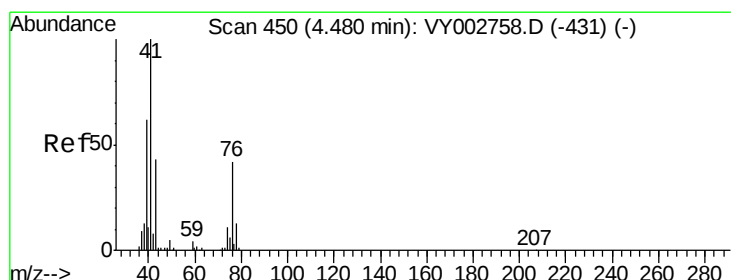
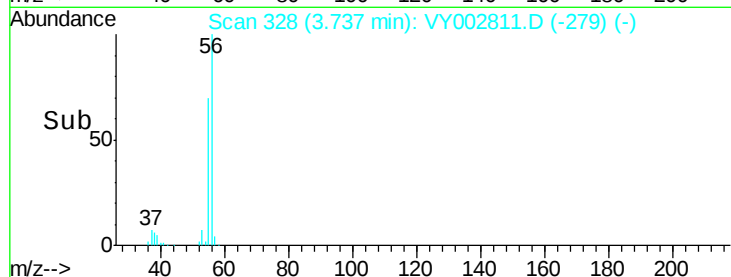
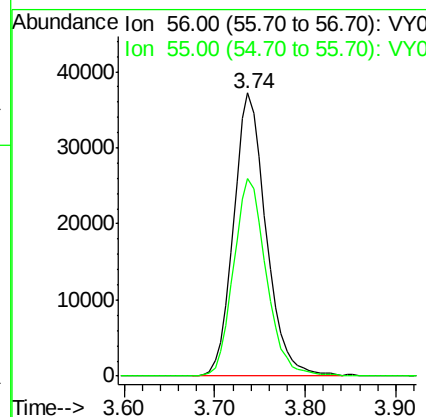
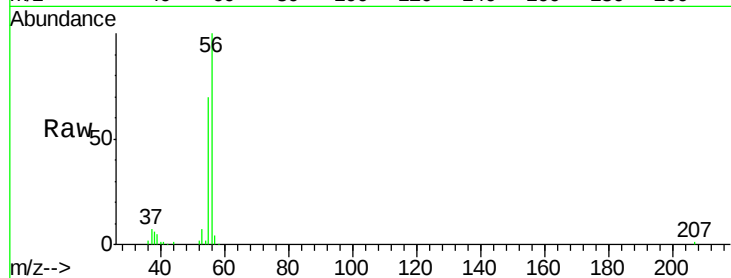
#13
Acrolein
Concen: 257.979 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	92548
Ion Ratio	100	Lower	Upper
56	100		
55	70.3	56.0	84.0

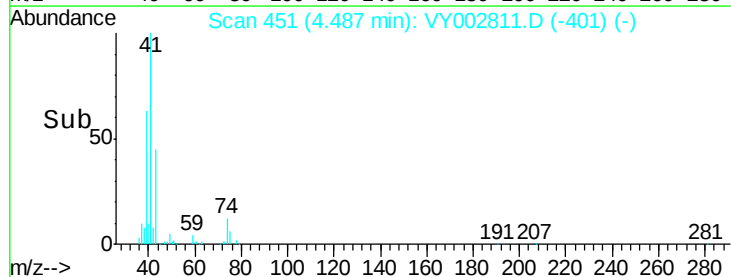
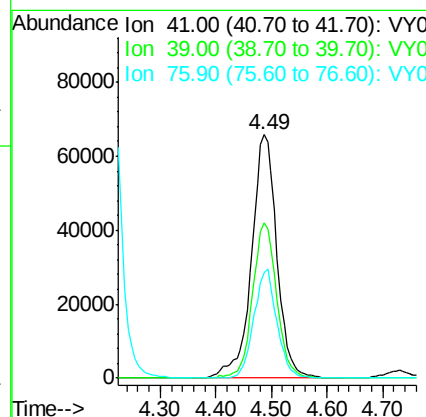
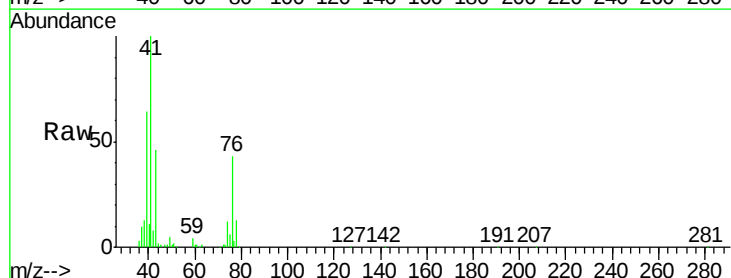
Manual Integrations
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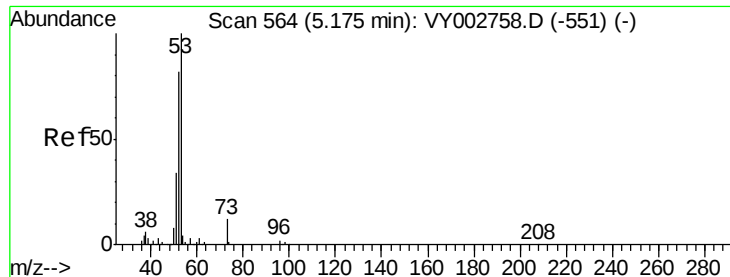
MMDadoda
6/3/2020 11:31:32 AM



#14
Allyl chloride
Concen: 48.559 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion	41	Resp	208886
Ion Ratio	100	Lower	Upper
41	100		
39	60.9	49.9	74.9
76	40.8	33.2	49.8





#15

Acrylonitrile

Concen: 239.755 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

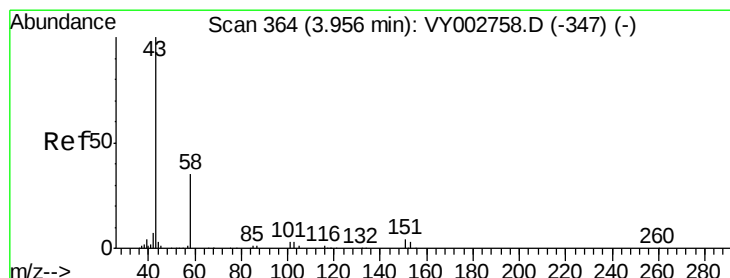
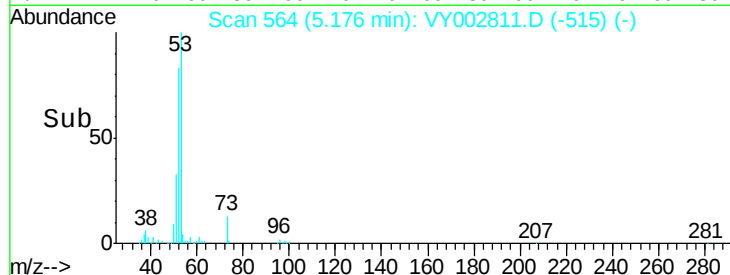
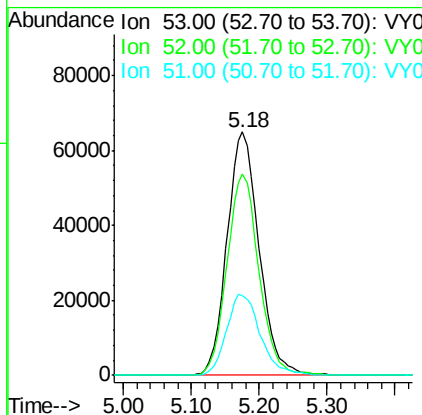
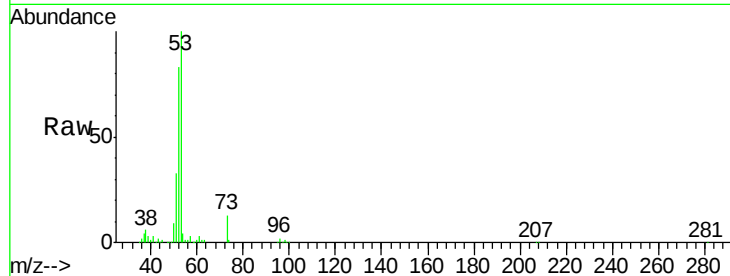
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	212147
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.3	97.9
51	35.3	28.0	42.0

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#16

Acetone

Concen: 271.863 ug/l

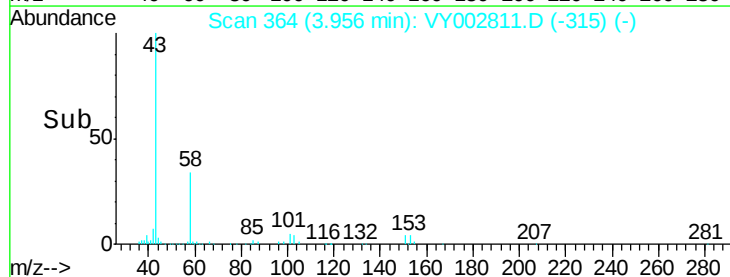
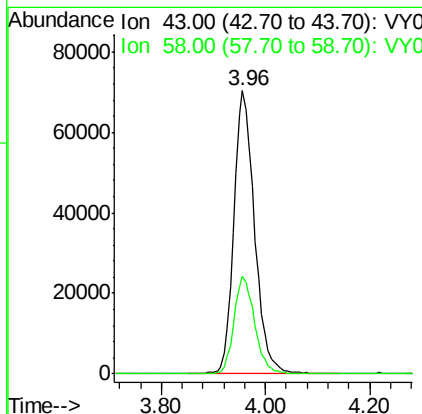
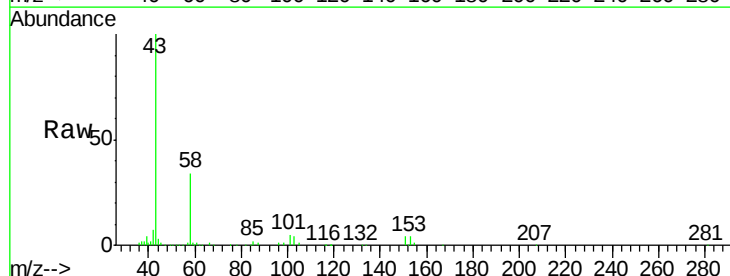
RT: 3.96 min Scan# 364

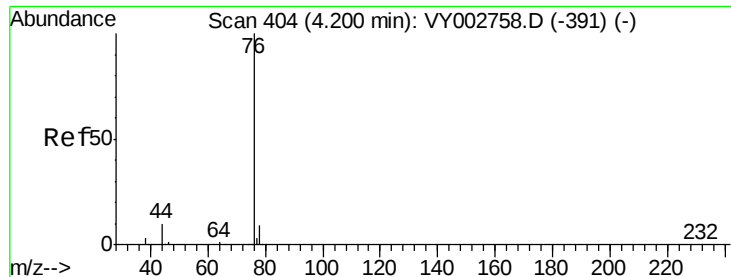
Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Tgt Ion:	43	Resp:	195149
Ion	Ratio	Lower	Upper
43	100		
58	34.4	27.7	41.5





#17

Carbon Disulfide

Concen: 45.276 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 410358

Ion Ratio Lower Upper

76 100

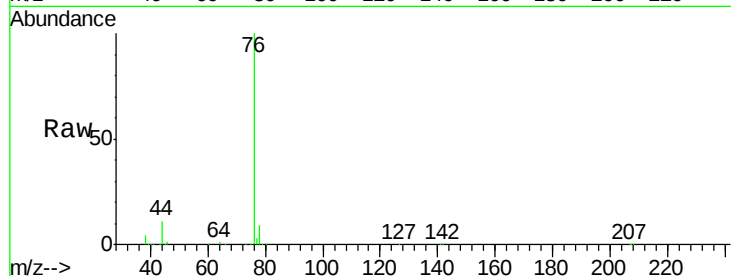
78 9.4 6.9 10.3

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

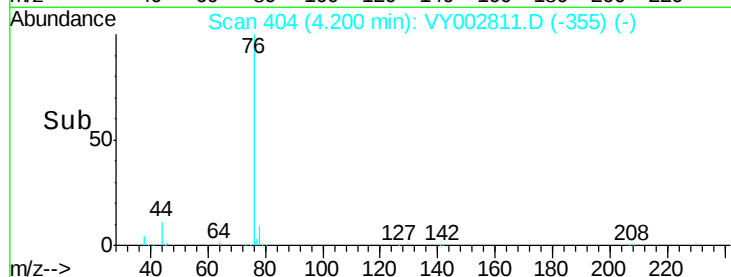
150000

100000

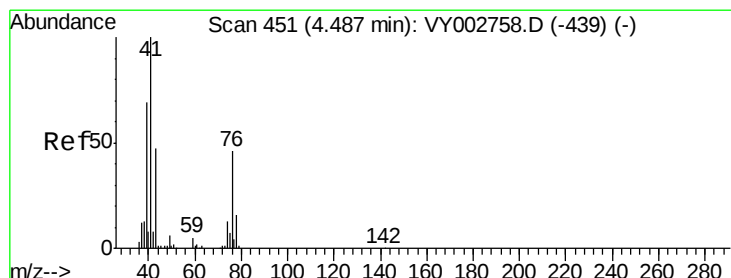
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 48.930 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002811.D

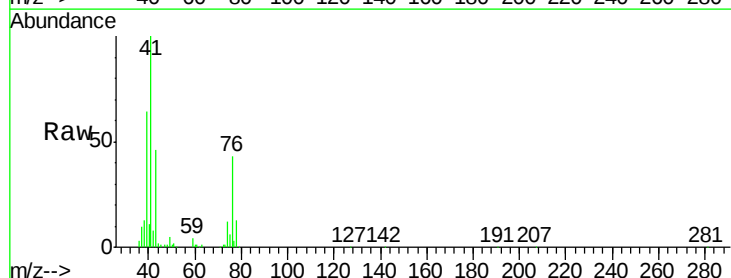
Acq: 02 Jun 2020 10:26

Tgt Ion: 43 Resp: 88169

Ion Ratio Lower Upper

43 100

74 26.9 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

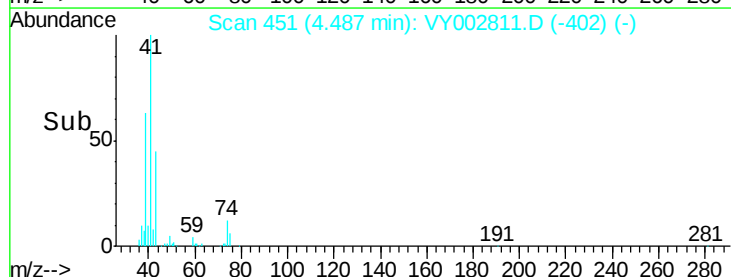
30000

20000

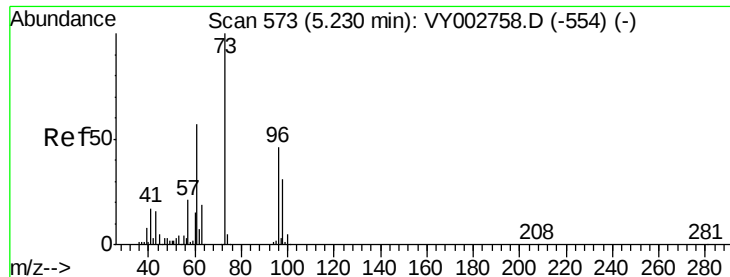
10000

0

Time-->



Time-->



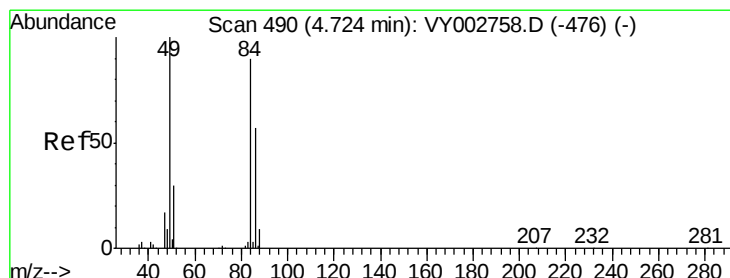
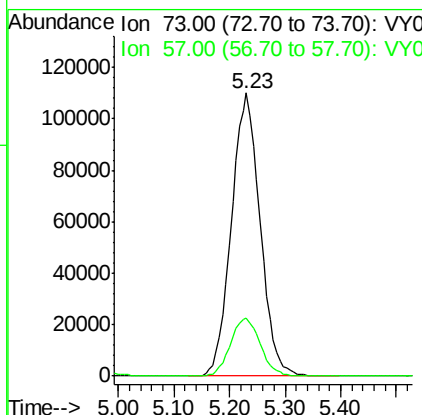
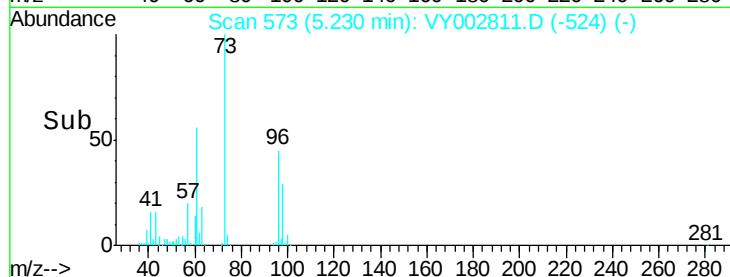
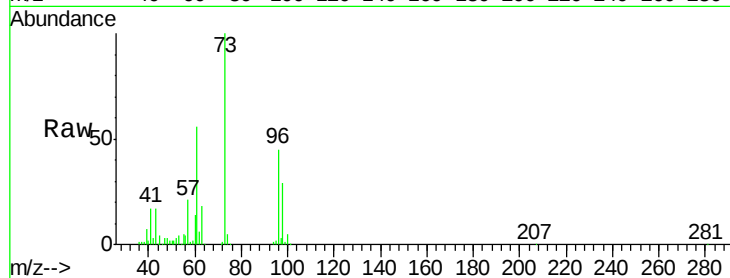
#19
Methvl tert-butvl Ether
Concen: 47.479 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 393130
Ion Ratio Lower Upper
73 100
57 20.6 17.0 25.4

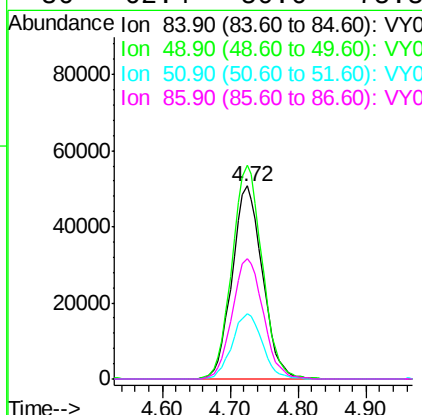
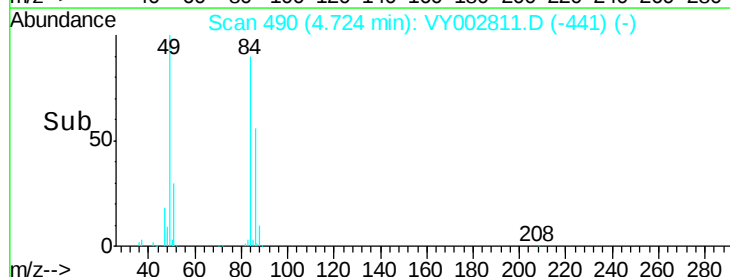
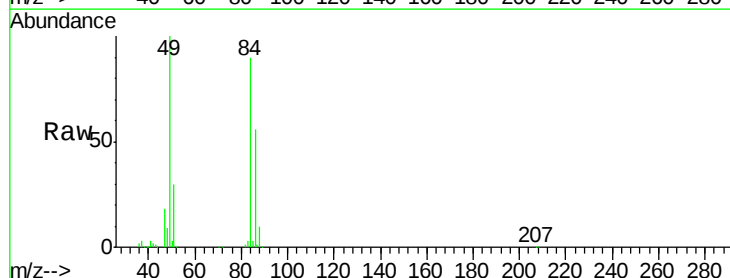
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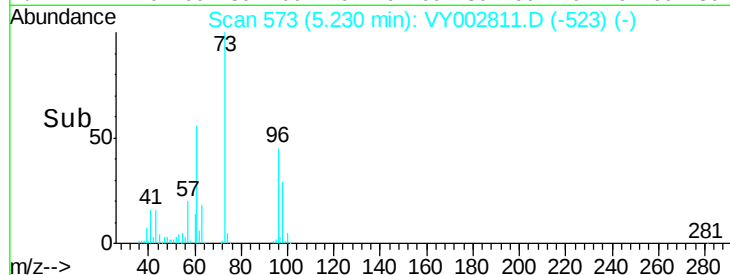
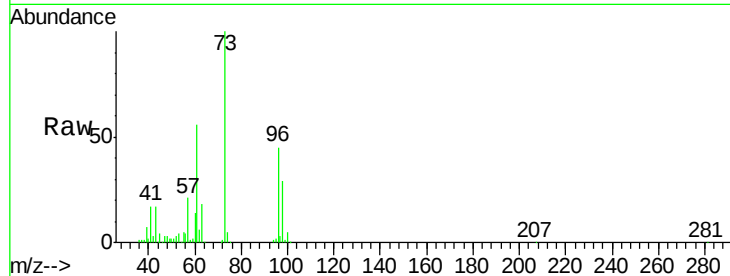
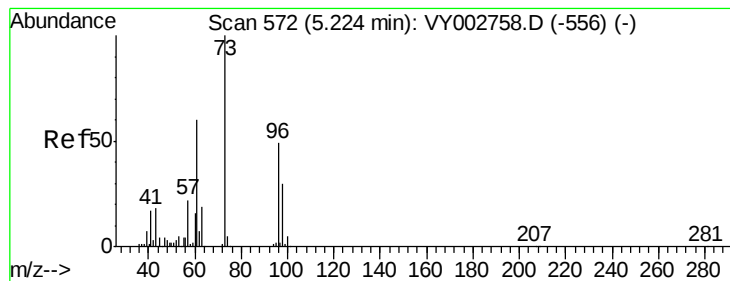
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#20
Methylene Chloride
Concen: 44.813 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion: 84 Resp: 157203
Ion Ratio Lower Upper
84 100
49 110.8 88.5 132.7
51 33.6 26.8 40.2
86 62.4 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 46.180 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002811.D

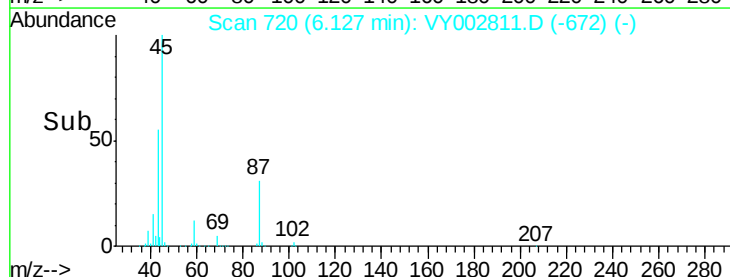
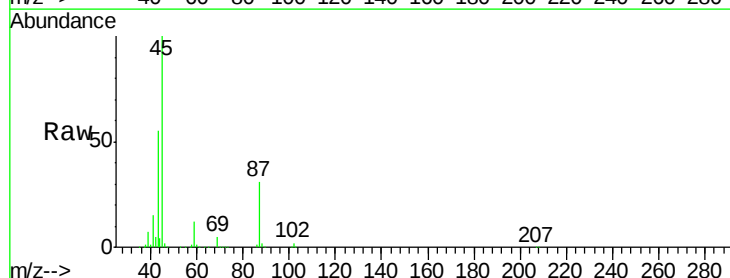
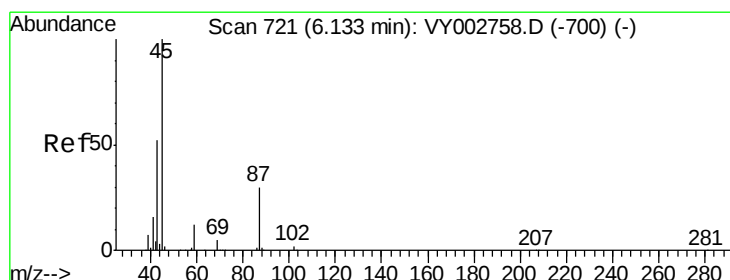
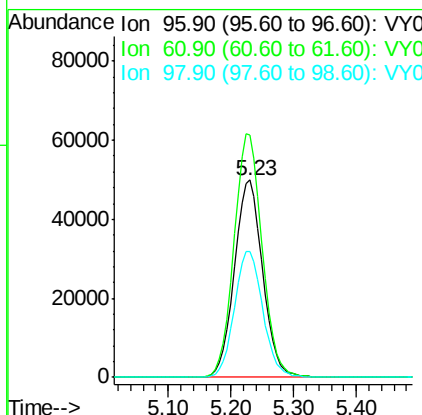
Acq: 02 Jun 2020 10:26

Tot Ion:	96	Resp:	155768
Ion	Ratio	Lower	Upper
96	100		
61	123.0	96.8	145.2
98	64.1	49.4	74.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.161 ug/l

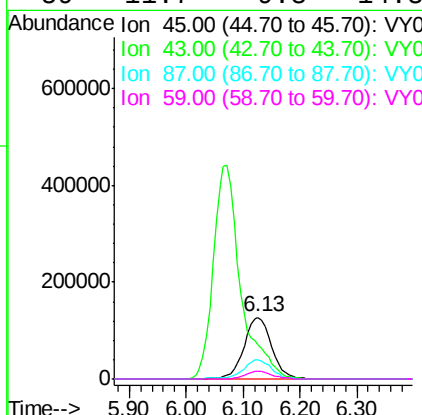
RT: 6.13 min Scan# 720

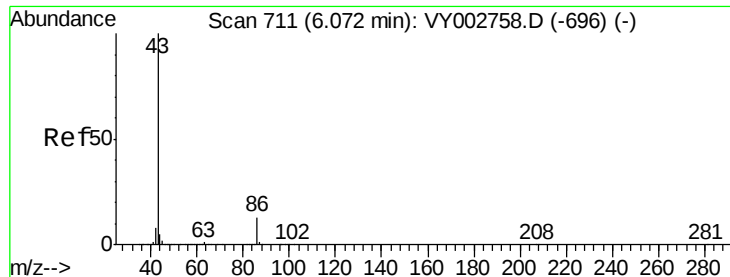
Delta R.T. -0.01 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Tgt Ion:	45	Resp:	430521
Ion	Ratio	Lower	Upper
45	100		
43	55.0	41.7	62.5
87	31.5	24.2	36.2
59	11.7	9.8	14.8





#23

Vinyl Acetate

Concen: 249.094 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1470122

Ion Ratio Lower Upper

43 100

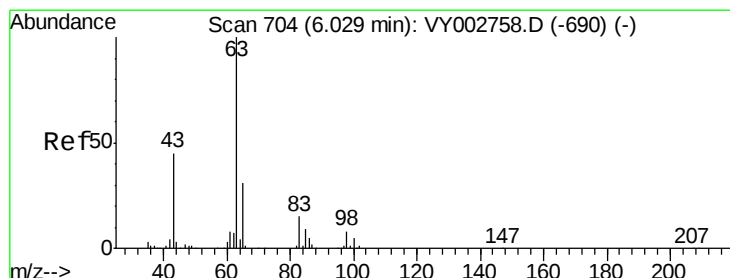
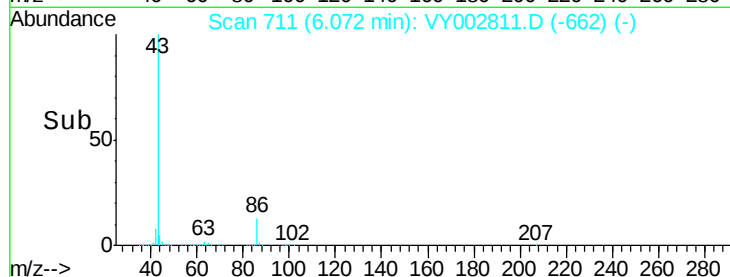
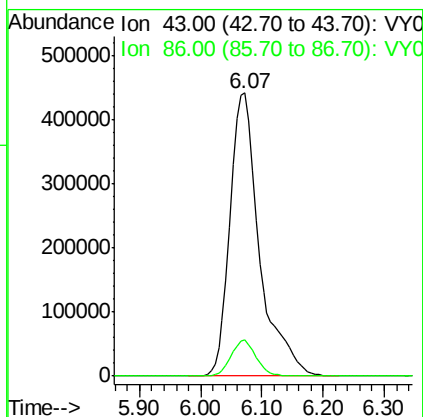
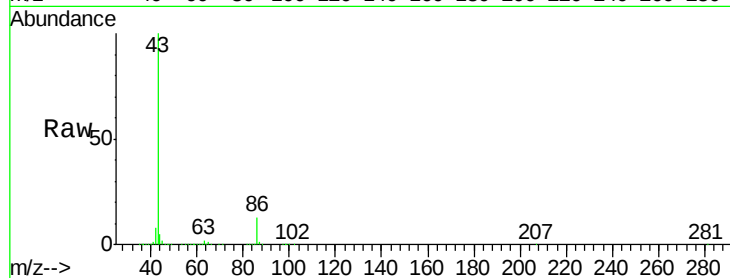
86 12.7 10.2 15.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.929 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

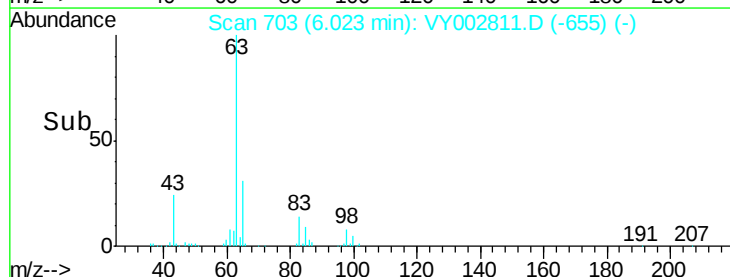
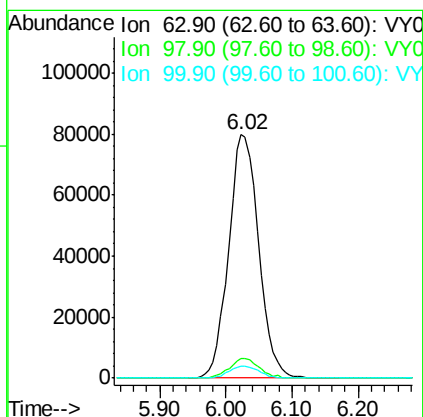
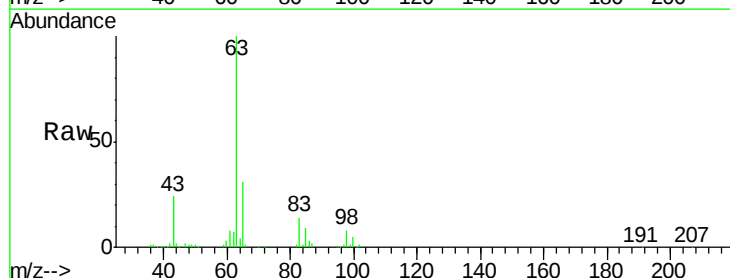
Tgt Ion: 63 Resp: 250630

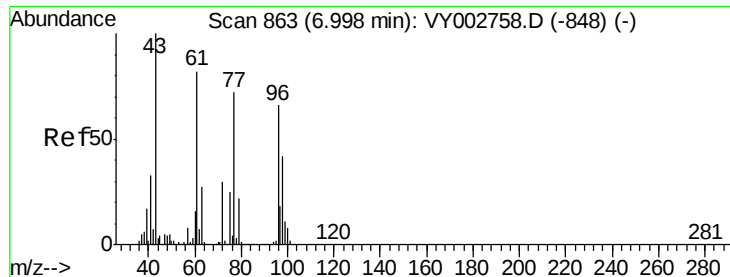
Ion Ratio Lower Upper

63 100

98 8.3 4.0 12.2

100 5.1 2.4 7.1





#25

2-Butanone

Concen: 246.340 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 275498

Ion Ratio Lower Upper

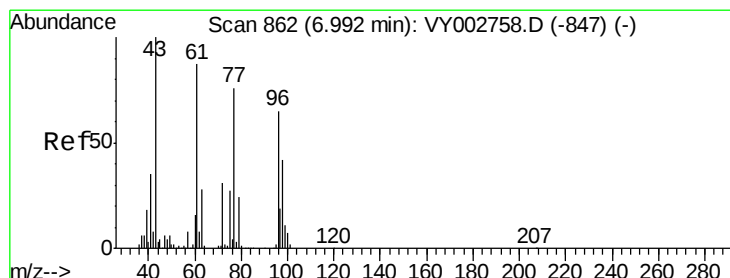
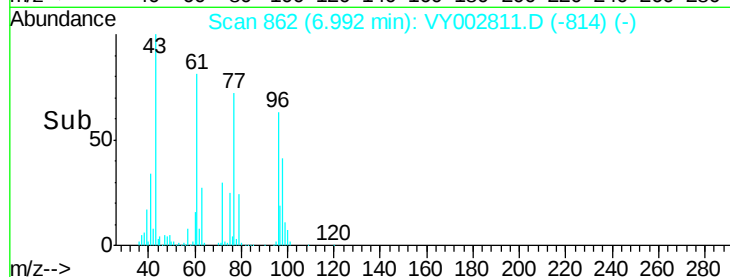
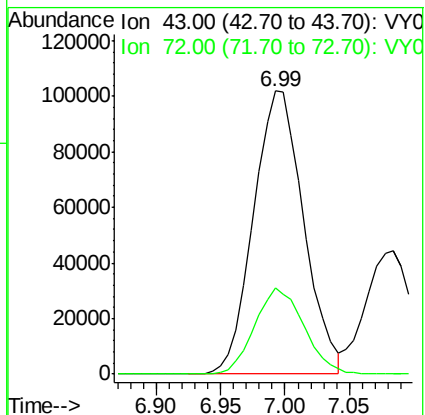
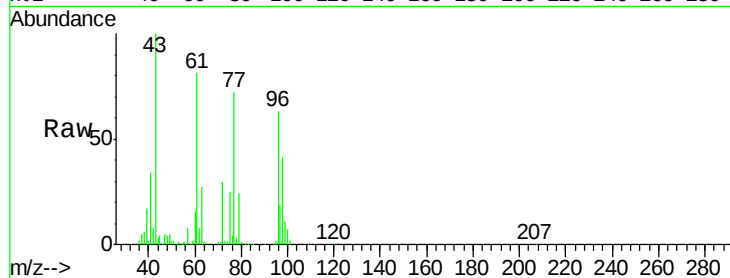
43 100

72 30.3 23.9 35.9

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6/3/2020 11:31:32 AM



#26

2,2-Dichloropropane

Concen: 45.810 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002811.D

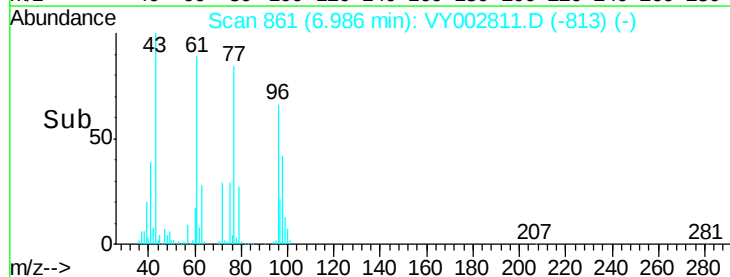
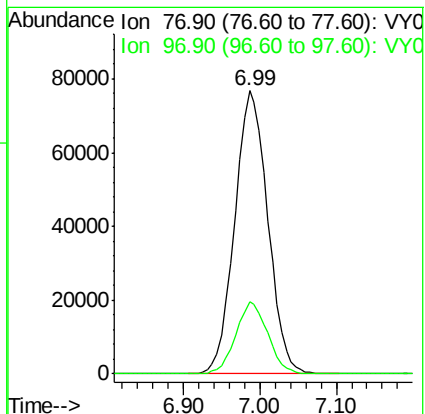
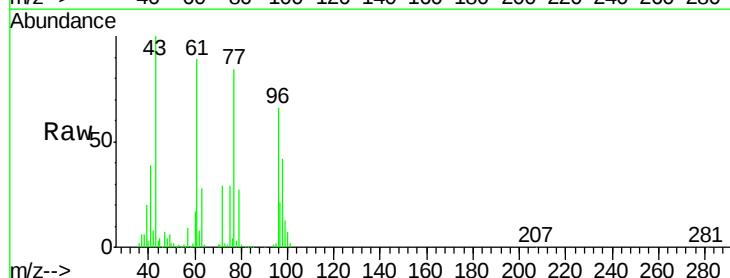
Acq: 02 Jun 2020 10:26

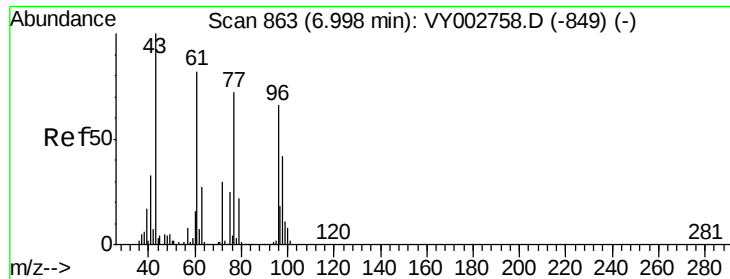
Tgt Ion: 77 Resp: 229743

Ion Ratio Lower Upper

77 100

97 24.7 12.2 36.6





#27

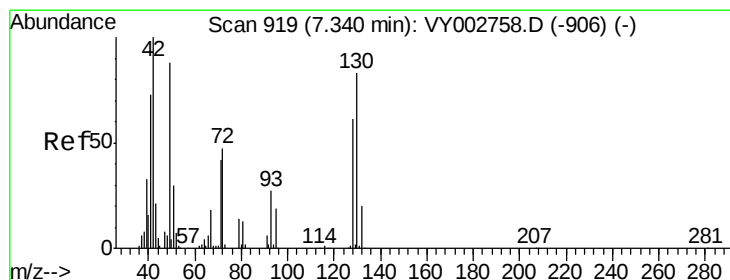
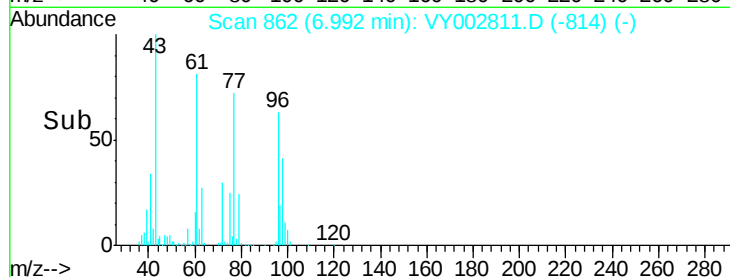
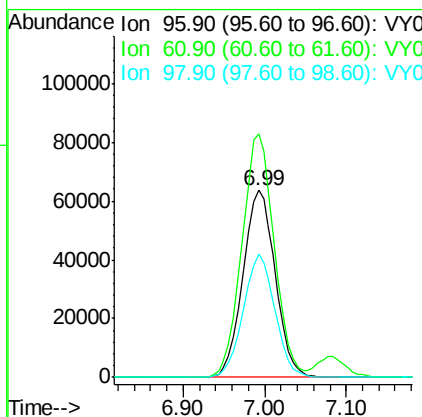
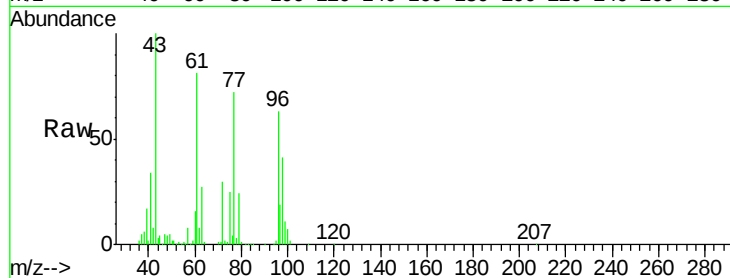
cis-1,2-Dichloroethene
Concen: 46.396 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	175191		
61	130.0		0.0	260.2
98	64.3		0.0	128.2

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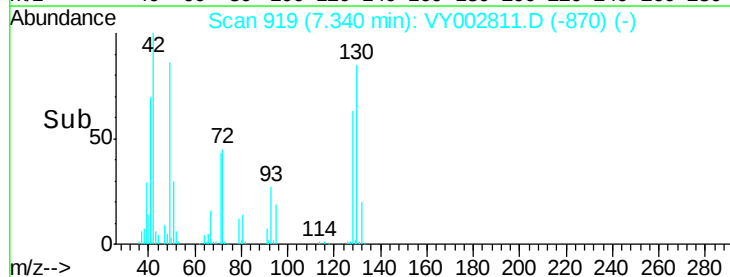
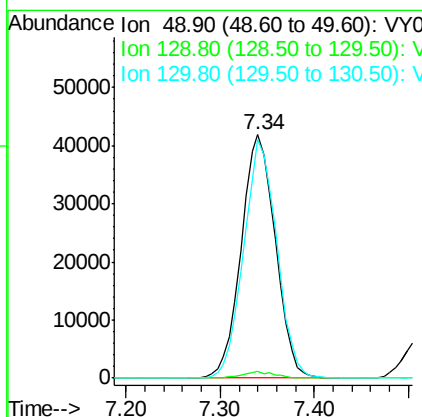
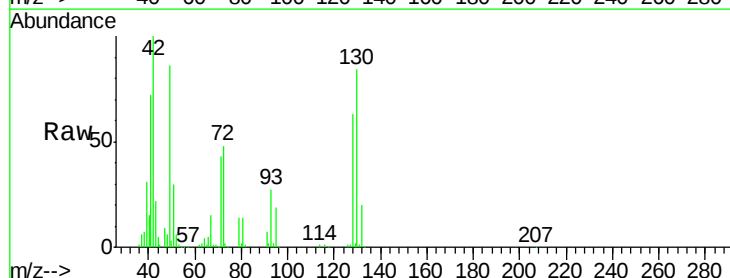
MMDadoda
6/3/2020 11:31:32 AM

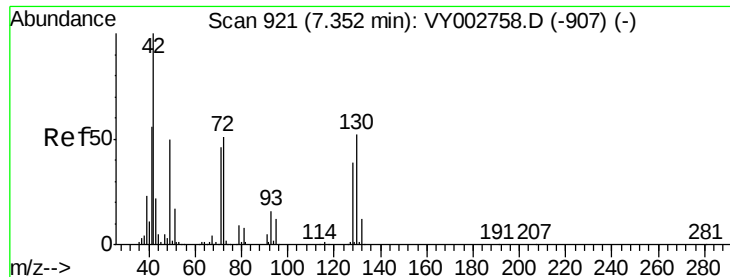


#28

Bromochloromethane
Concen: 49.214 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	105646		
129	2.5		0.0	5.2
130	95.3		77.1	115.7





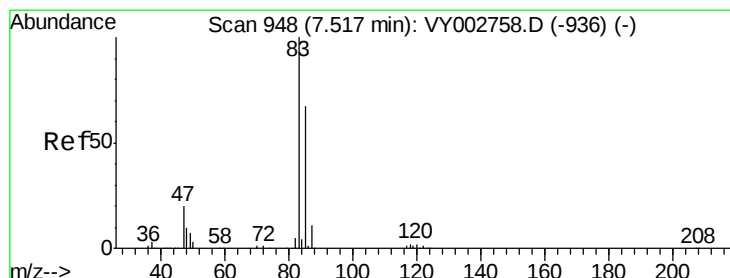
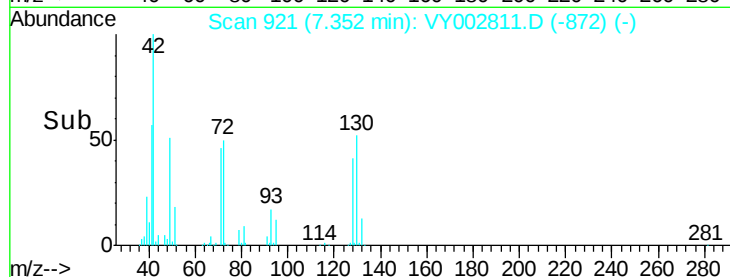
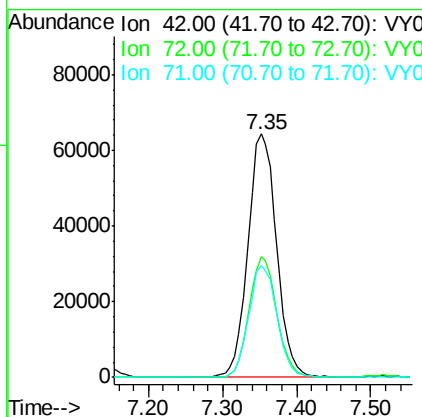
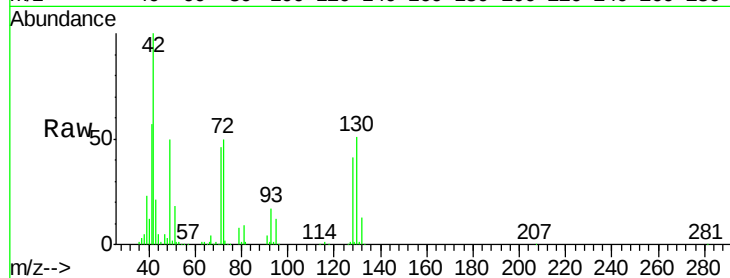
#29
Tetrahydrofuran
Concen: 239.681 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.9	38.6	58.0
71	45.2	35.8	53.8

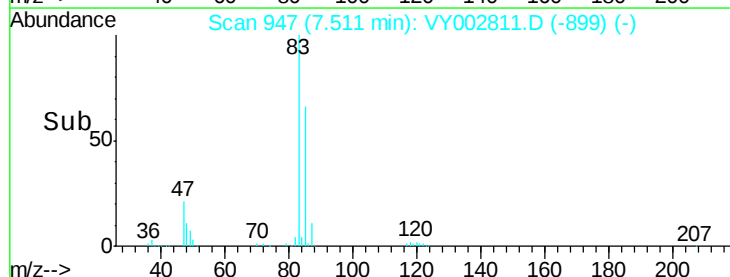
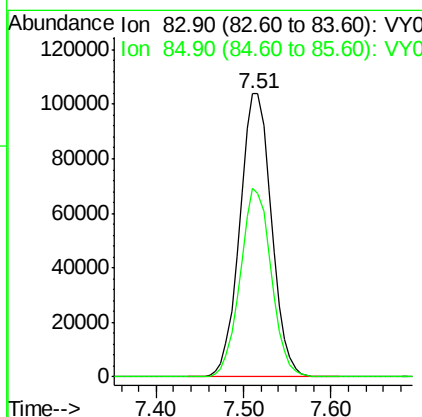
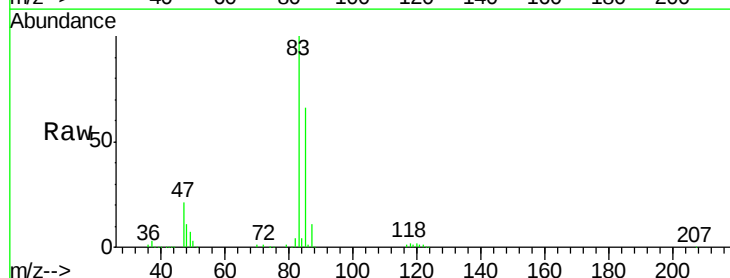
Manual Integrations
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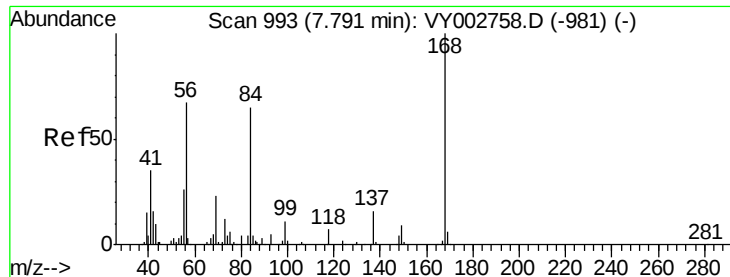
MMDadoda
6/3/2020 11:31:32 AM



#30
Chloroform
Concen: 47.090 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	53.8	80.8





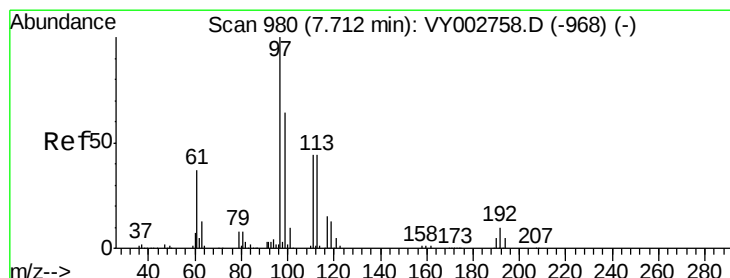
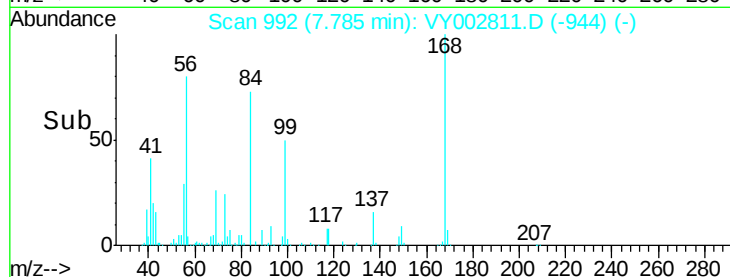
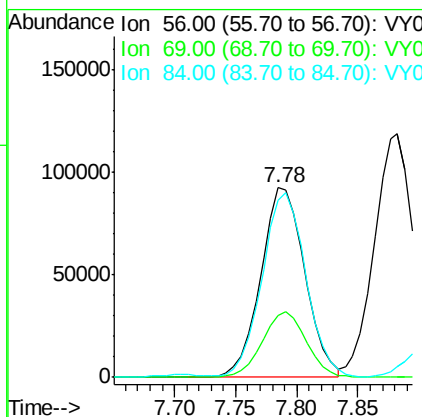
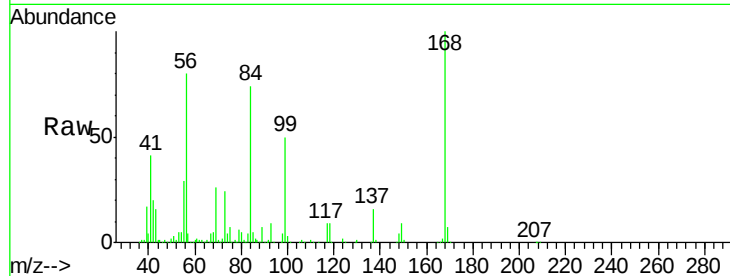
#31
Cyclohexane
Concen: 44.744 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	28.0	42.0
84	92.1	77.7	116.5

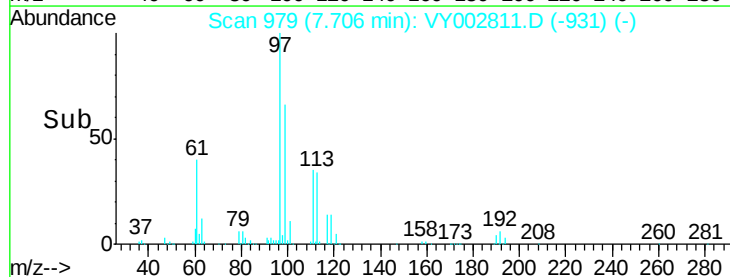
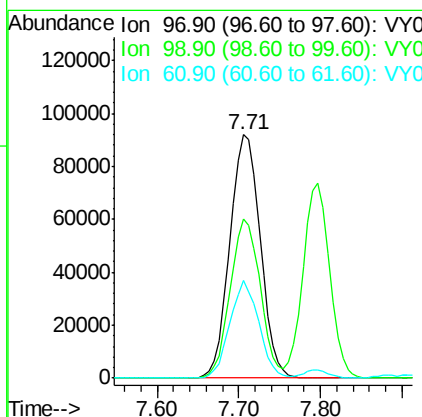
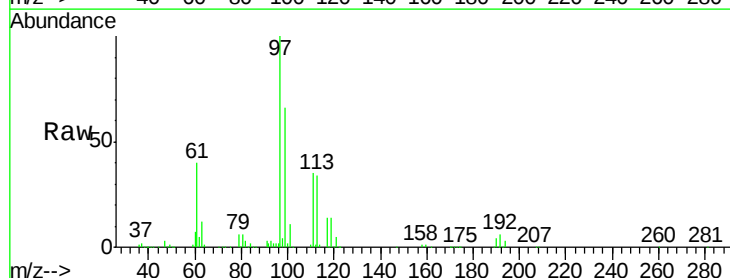
Manual Integrations
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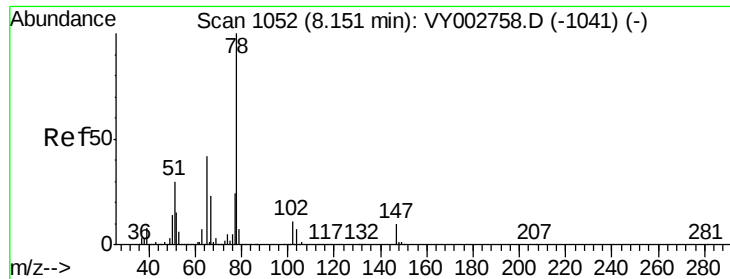
MMDadoda
6/3/2020 11:31:32 AM



#32
1,1,1-Trichloroethane
Concen: 45.925 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.0
61	37.9	30.1	45.1





#33

1,2-Dichloroethane-d4

Concen: 47.948 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 146781

Ion Ratio Lower Upper

65 100

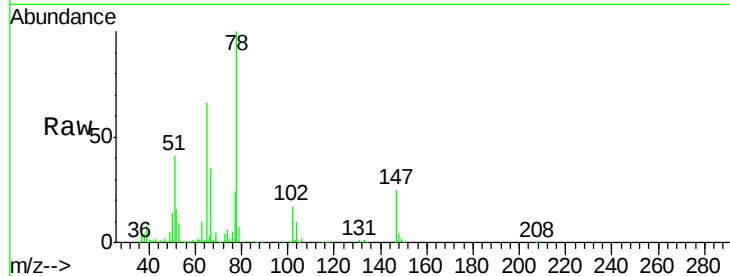
67 54.5 0.0 111.0

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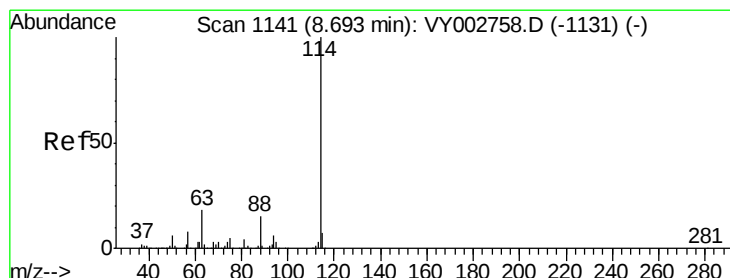
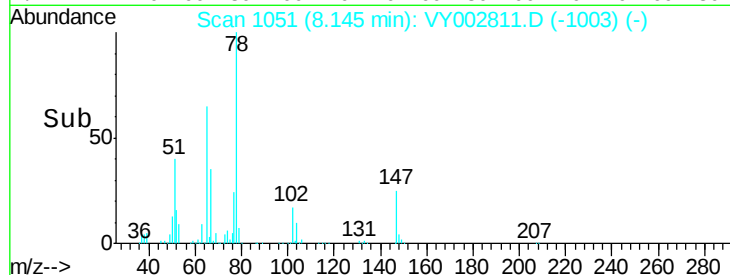
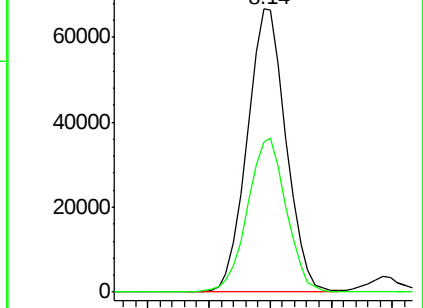
MMDadoda

6/3/2020 11:31:32 AM



Abundance Ion 64.90 (64.60 to 65.60): VY002811.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002811.D (-1003) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

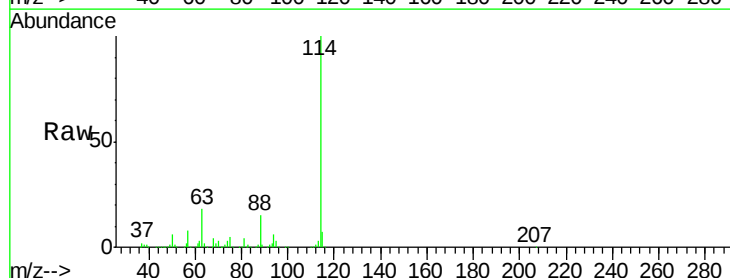
Tgt Ion: 114 Resp: 520473

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.2

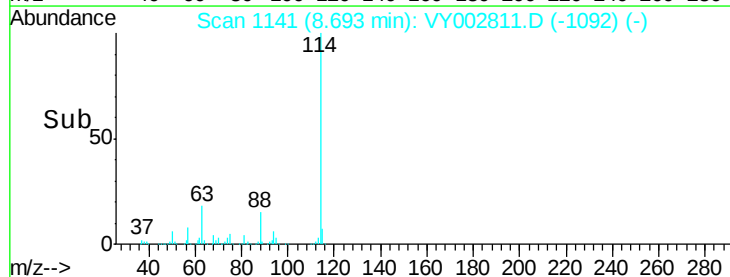
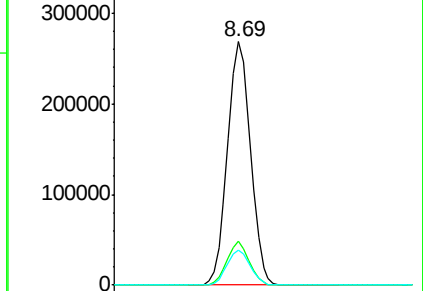
88 14.6 0.0 29.2

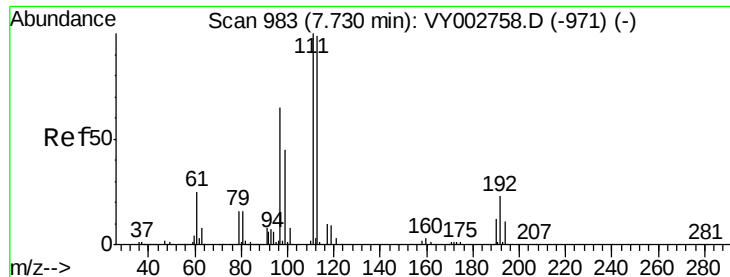


Abundance Ion 113.90 (113.60 to 114.60): VY002811.D (-1092) (-)

Ion 63.00 (62.70 to 63.70): VY002811.D (-1092) (-)

Ion 87.90 (87.60 to 88.60): VY002811.D (-1092) (-)





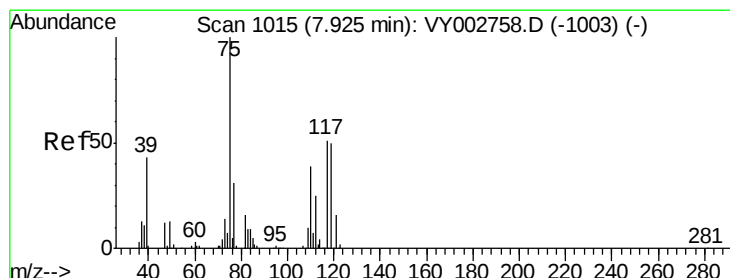
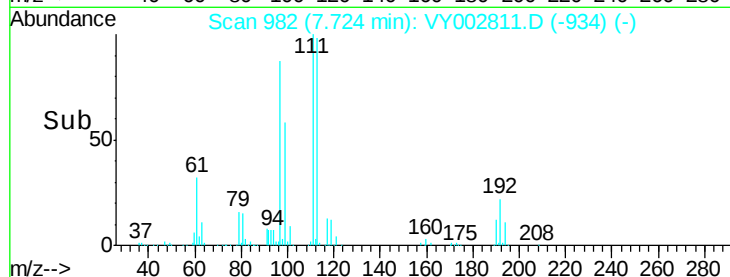
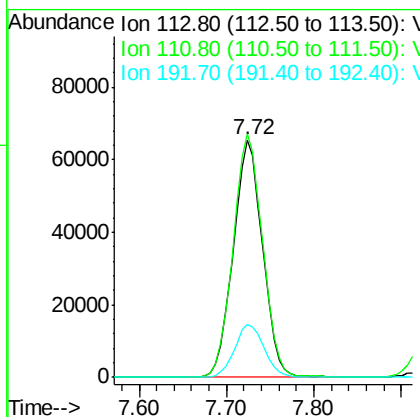
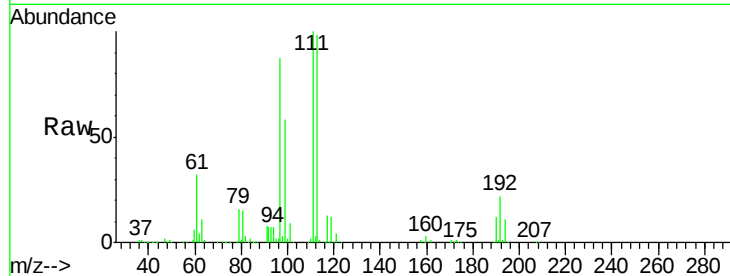
#35
Dibromofluoromethane
Concen: 49.822 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	151970		
111	103.6	82.0	123.0	
192	22.6	18.9	28.3	

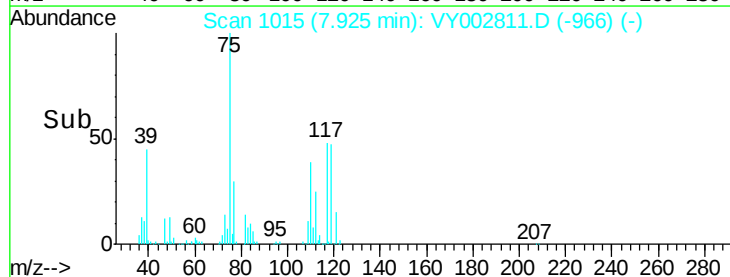
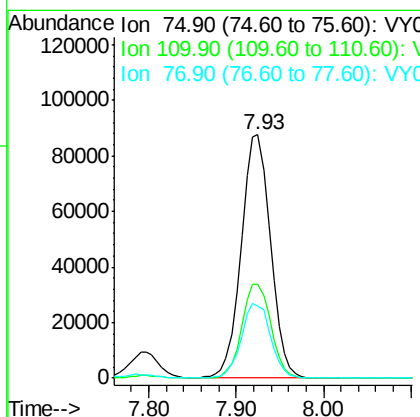
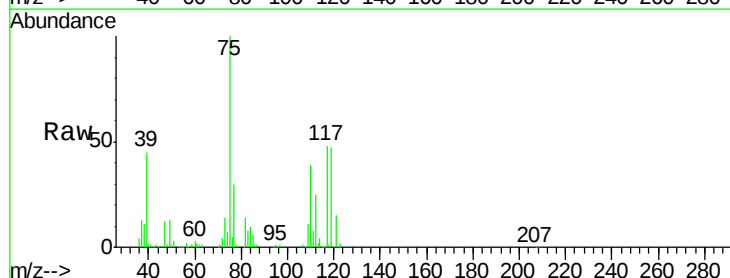
Manual Integrations
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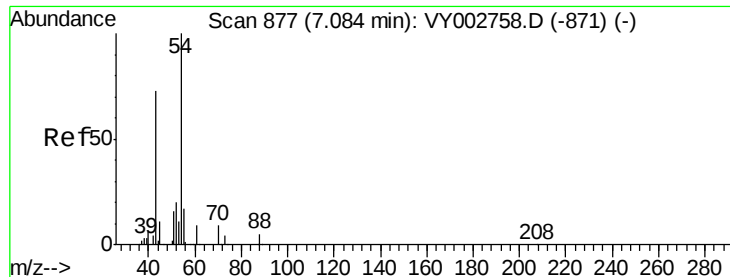
MMDadoda
6/3/2020 11:31:32 AM



#36
1,1-Dichloropropene
Concen: 46.566 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	204162		
110	38.4	19.3	57.9	
77	30.9	24.8	37.2	





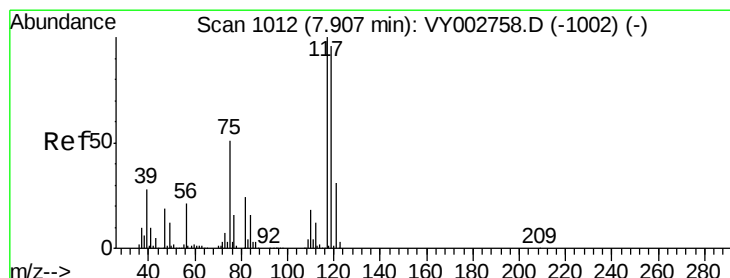
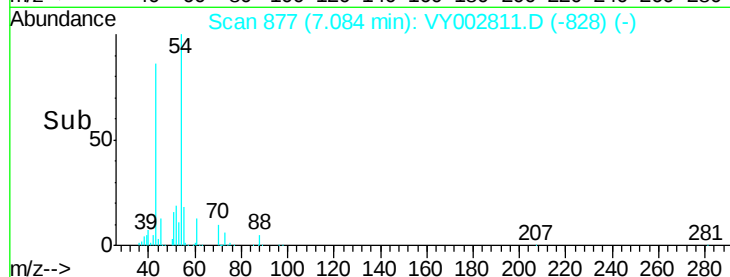
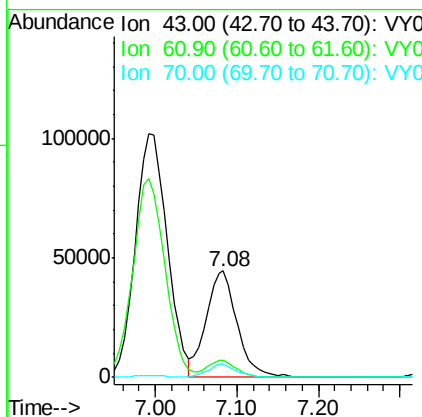
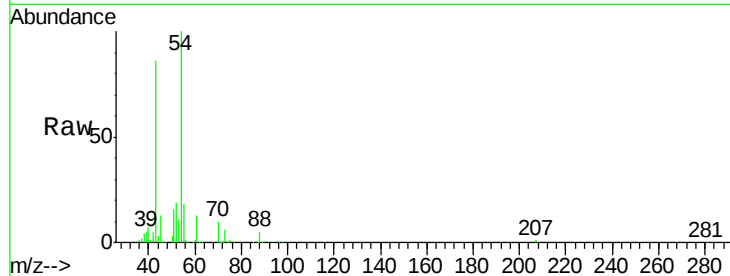
#37
Ethyl Acetate
Concen: 49.501 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.9	17.9
70	11.7	9.1	13.7

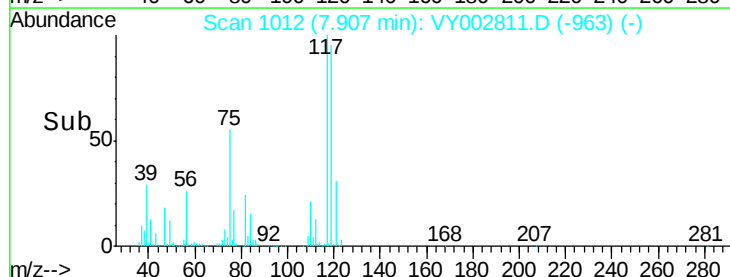
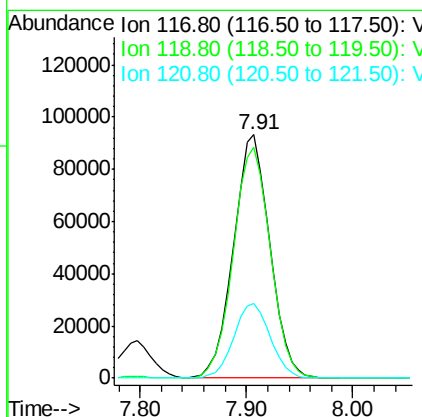
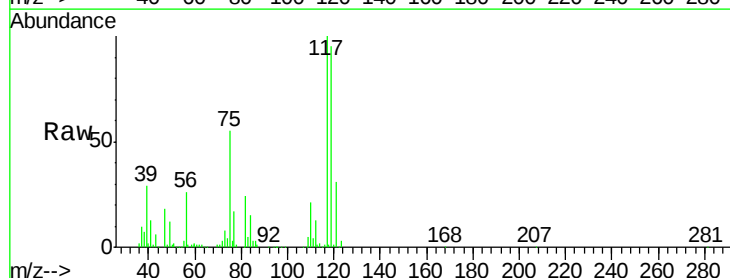
Manual Integrations
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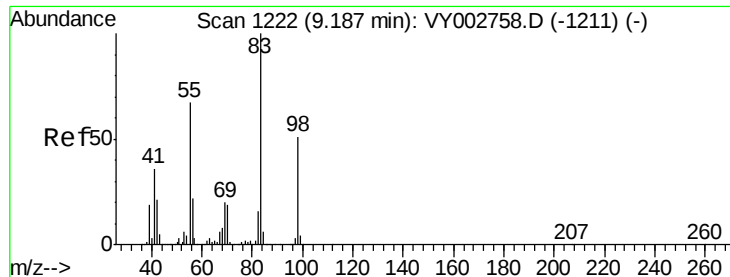
MMDadoda
6/3/2020 11:31:32 AM



#38
Carbon Tetrachloride
Concen: 45.833 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.8	115.2
121	30.9	24.8	37.2





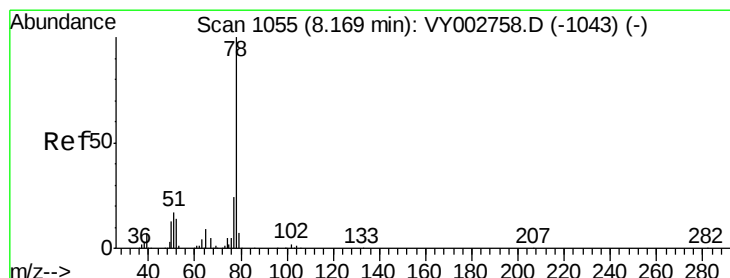
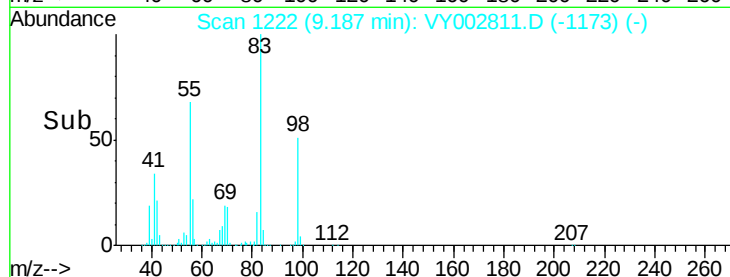
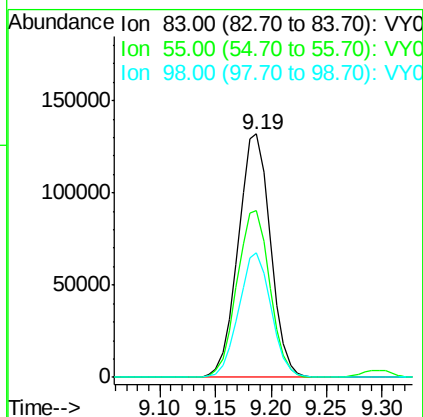
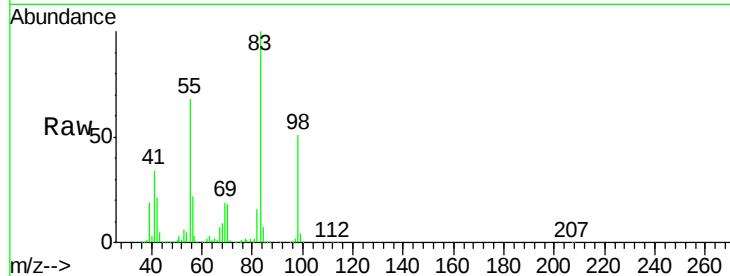
#39
Methvlcvclohexane
Concen: 46.087 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.3	53.3	79.9
98	51.0	41.1	61.7

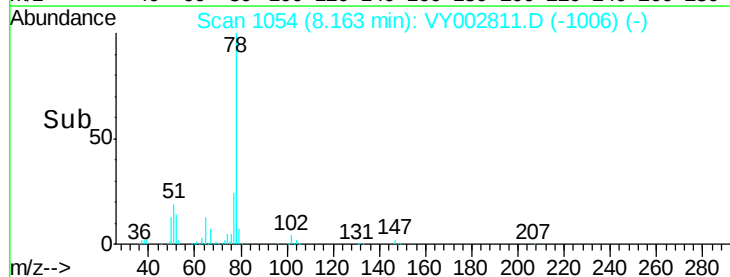
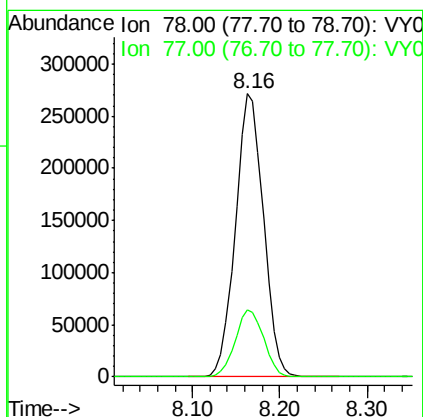
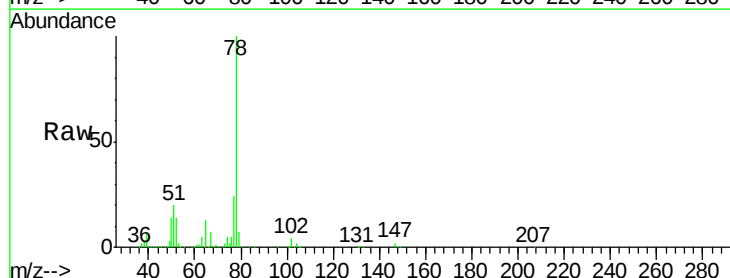
Manual Integrations
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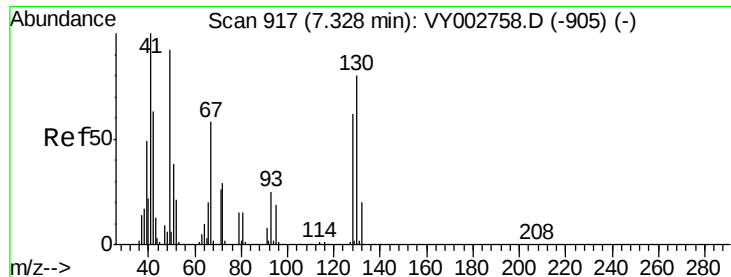
MMDadoda
6/3/2020 11:31:32 AM



#40
Benzene
Concen: 46.611 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





#41

Methacrylonitrile

Concen: 48.520 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 62178

Ion Ratio Lower Upper

41 100

39 114.1 97.6 146.4

67 0.0 0.0 0.0

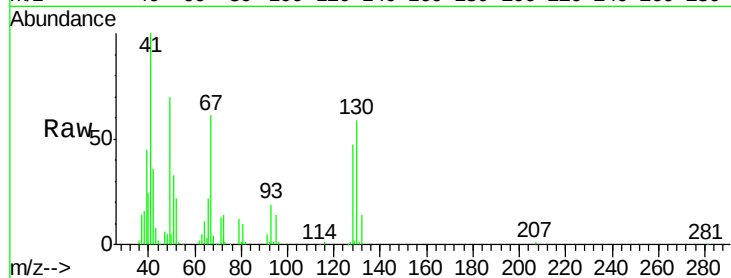
52 0.0 0.0 0.0

Manual Integrations

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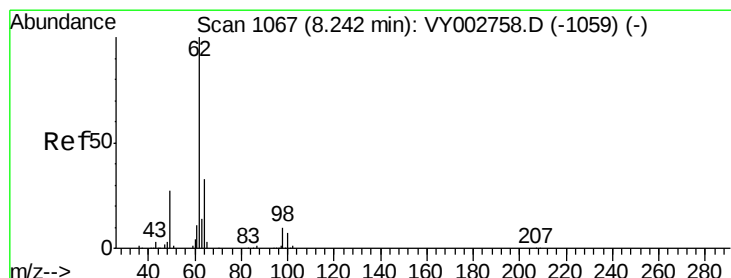
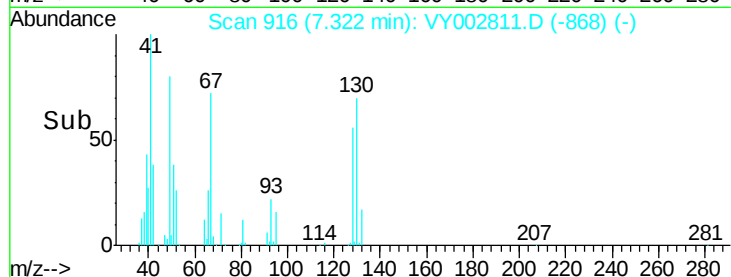
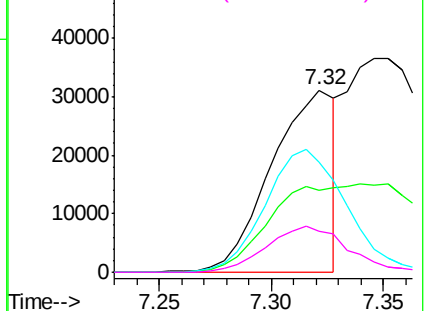


Abundance Ion 41.00 (40.70 to 41.70): VY002811.D (-868) (-)

Ion 39.00 (38.70 to 39.70): VY002811.D (-868) (-)

Ion 67.00 (66.70 to 67.70): VY002811.D (-868) (-)

Ion 52.00 (51.70 to 52.70): VY002811.D (-868) (-)



#42

1,2-Dichloroethane

Concen: 45.756 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002811.D

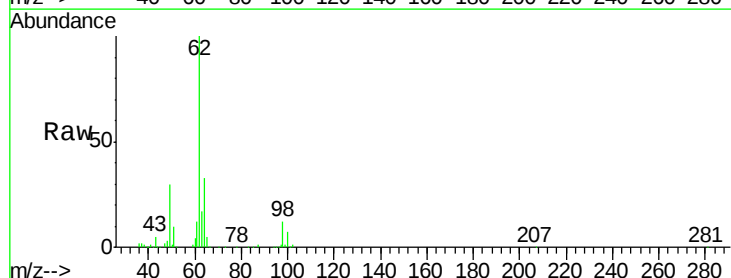
Acq: 02 Jun 2020 10:26

Tgt Ion: 62 Resp: 166124

Ion Ratio Lower Upper

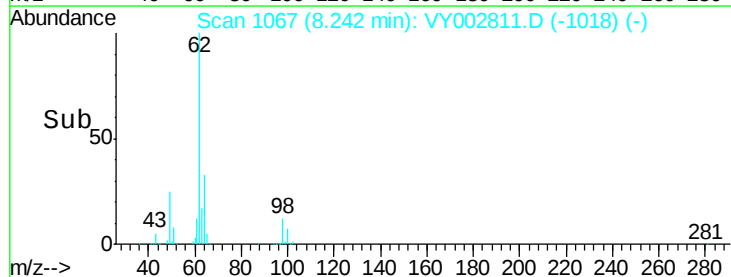
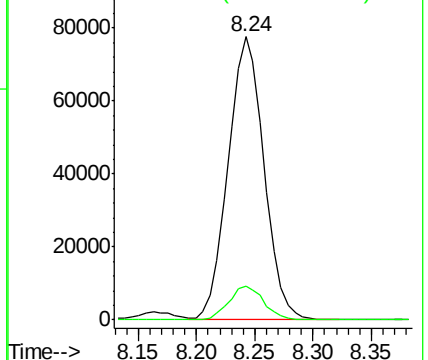
62 100

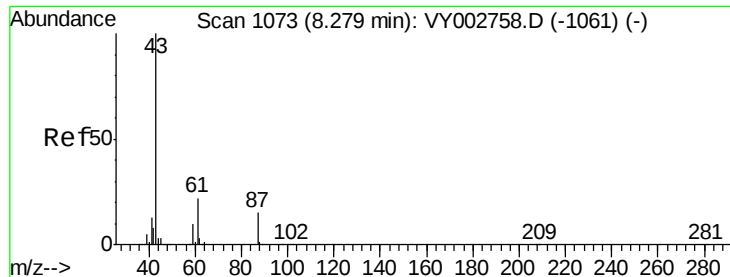
98 11.6 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY002811.D (-1018) (-)

Ion 97.90 (97.60 to 98.60): VY002811.D (-1018) (-)





#43

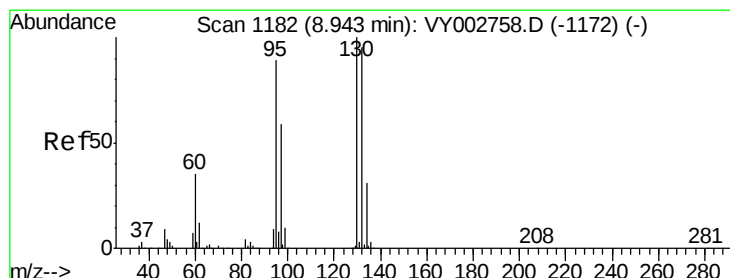
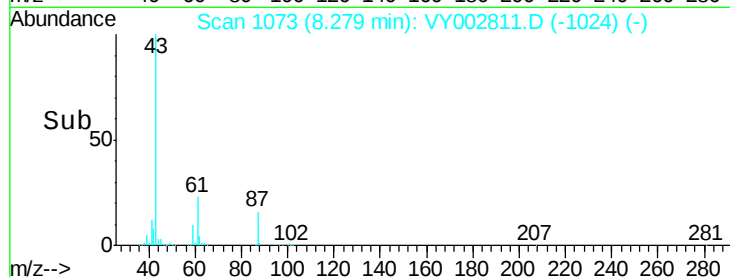
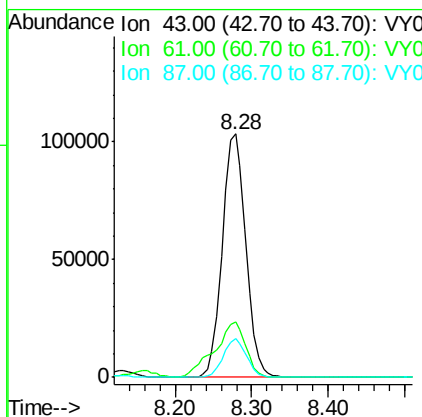
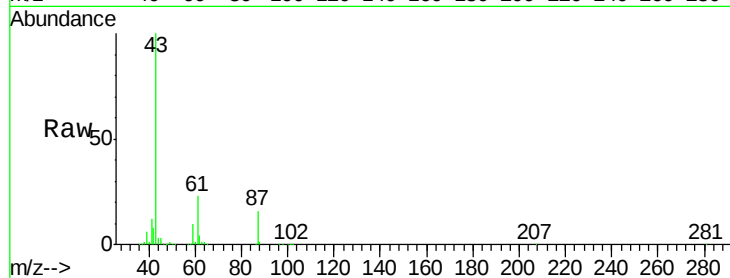
Isopropyl Acetate
 Concen: 48.554 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.3	24.8	37.2
87	15.6	12.4	18.6

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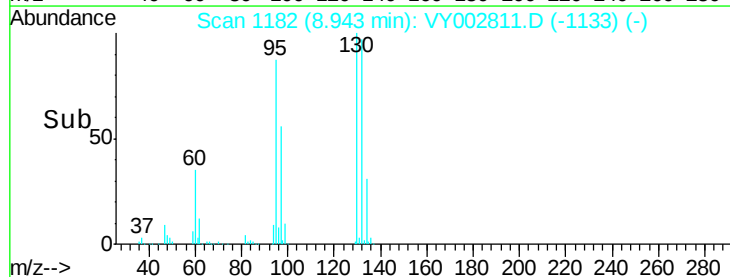
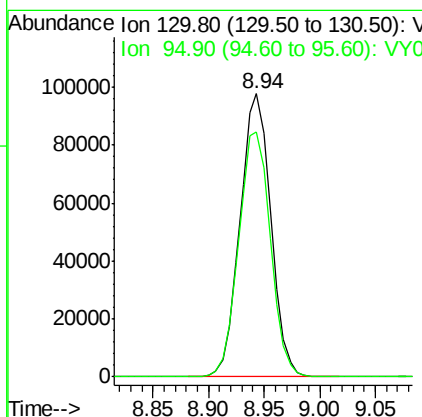
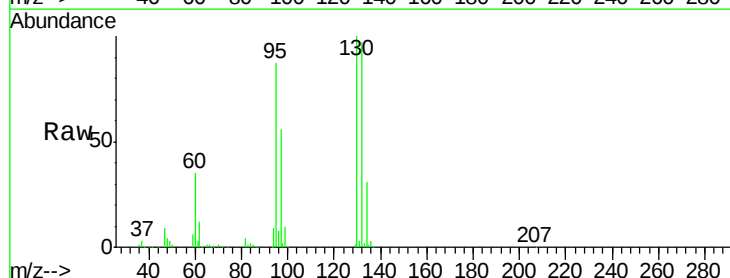
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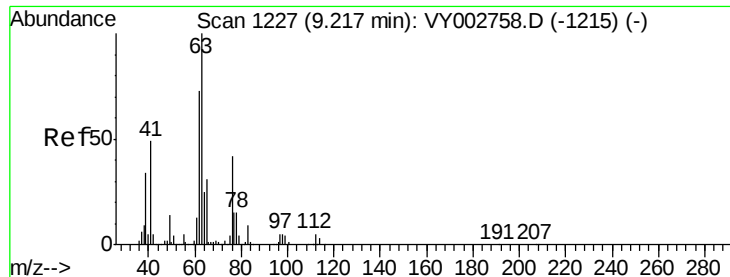


#44

Trichloroethene
 Concen: 45.926 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.7	0.0	178.8





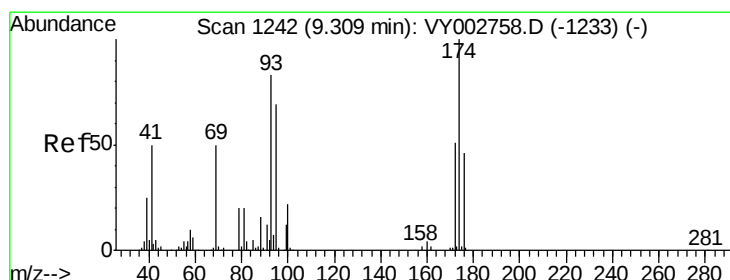
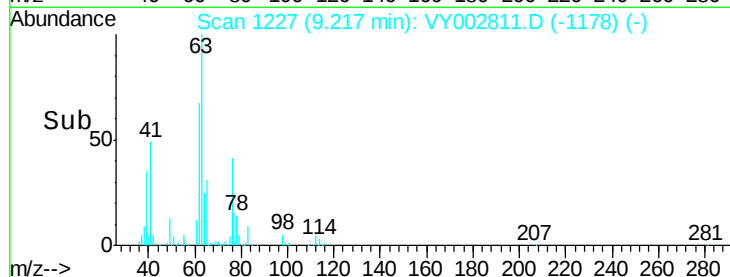
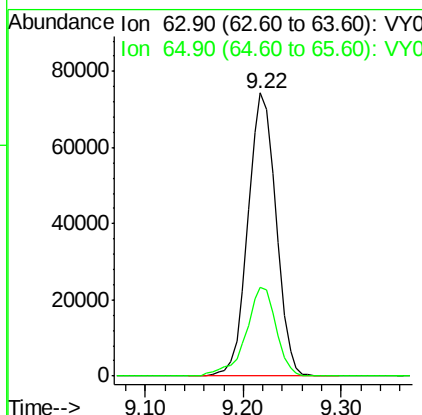
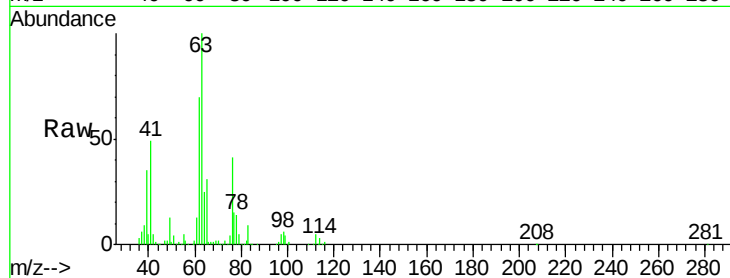
#45
 1,2-Dichloropropane
 Concen: 47.624 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.8	37.2

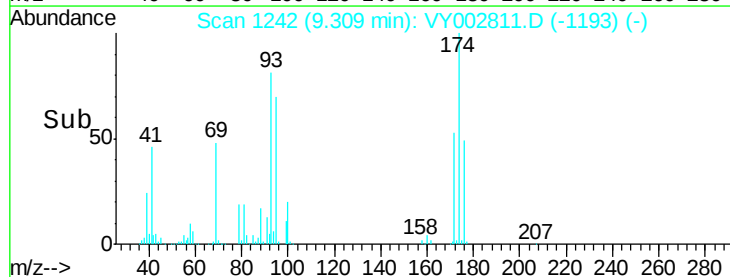
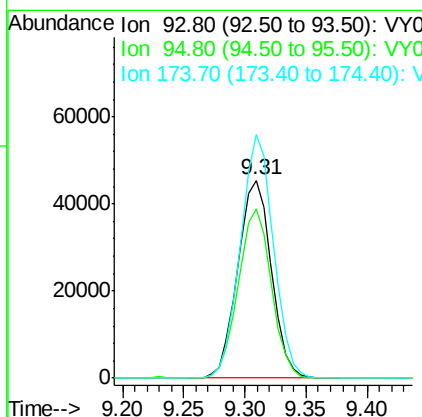
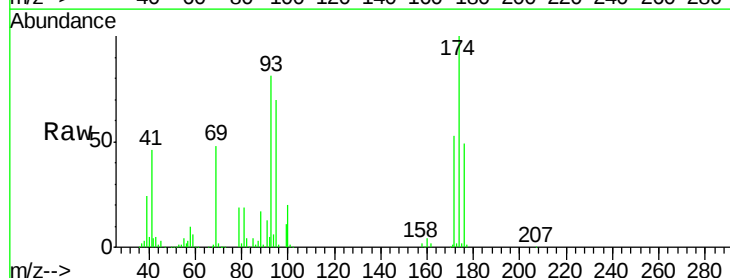
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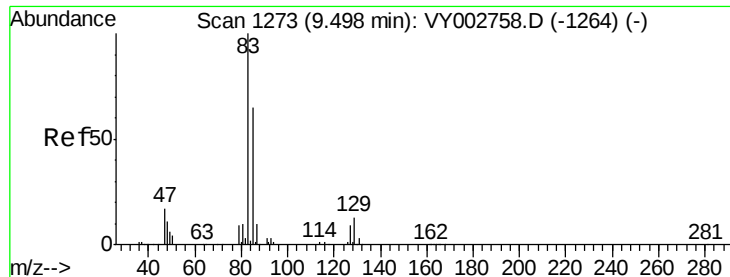
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#46
 Dibromomethane
 Concen: 46.990 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.4	66.9	100.3
174	121.1	97.7	146.5





#47

Bromodichloromethane

Concen: 47.938 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

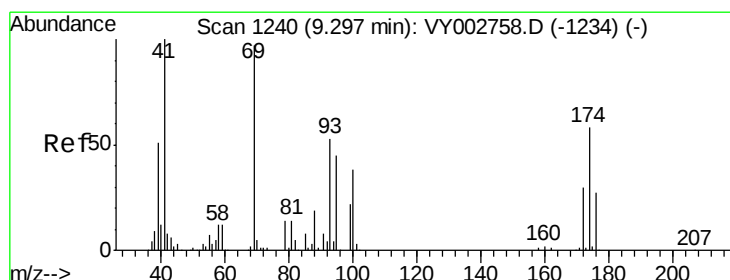
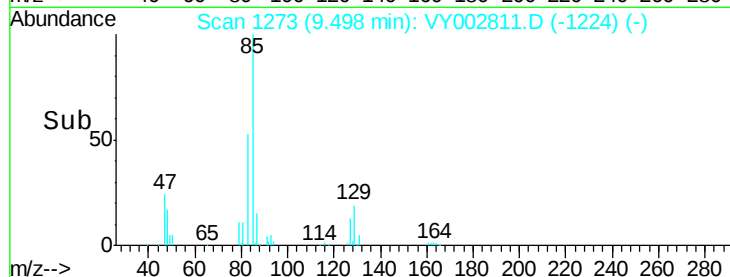
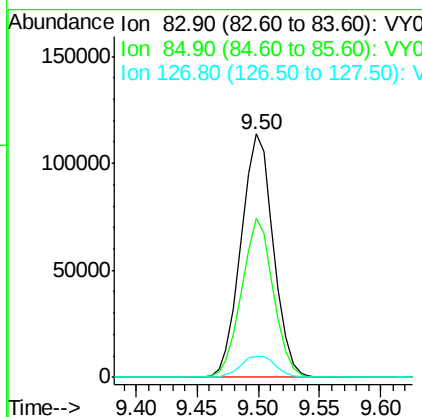
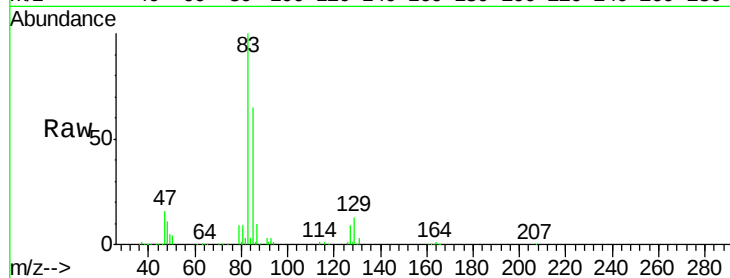
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	208511
Ion Ratio	Lower	Upper	
83	100		
85	65.3	51.9	77.9
127	8.7	7.1	10.7

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#48

Methyl methacrylate

Concen: 47.941 ug/l

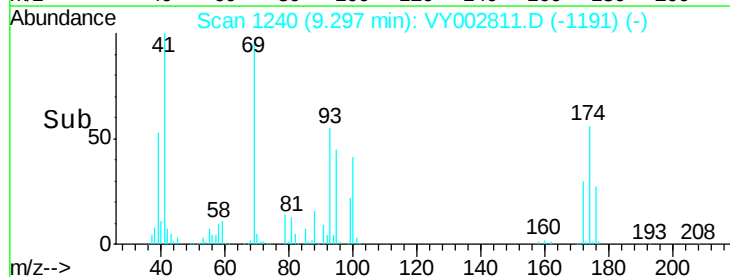
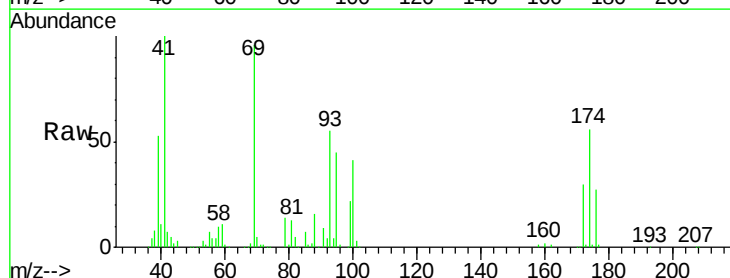
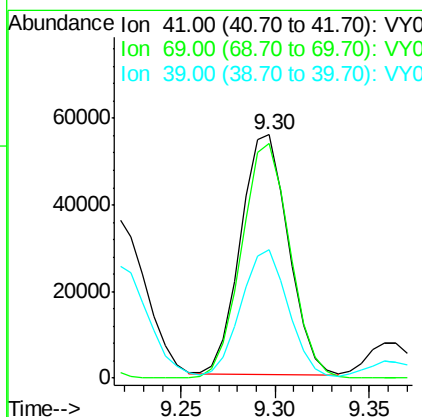
RT: 9.30 min Scan# 1240

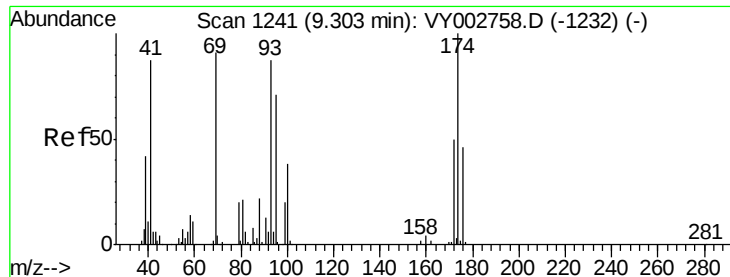
Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Tgt Ion:	41	Resp:	97829
Ion Ratio	Lower	Upper	
41	100		
69	98.9	79.7	119.5
39	51.5	43.3	64.9





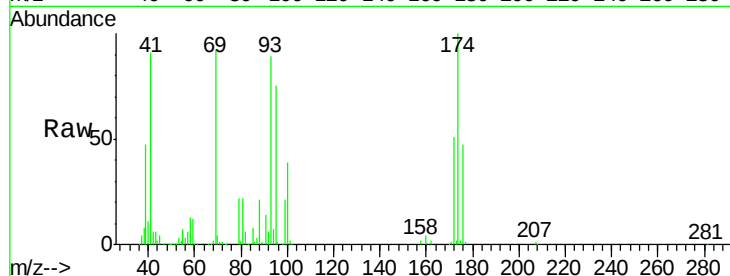
#49
1,4-Dioxane
Concen: 869.754 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

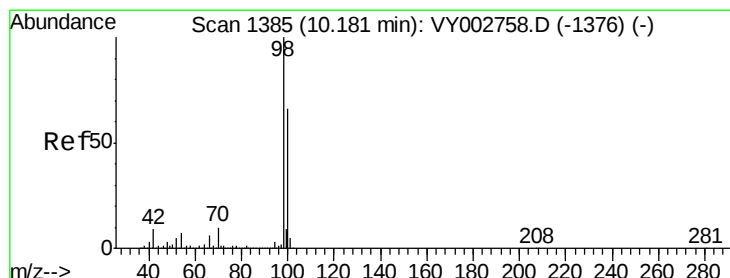
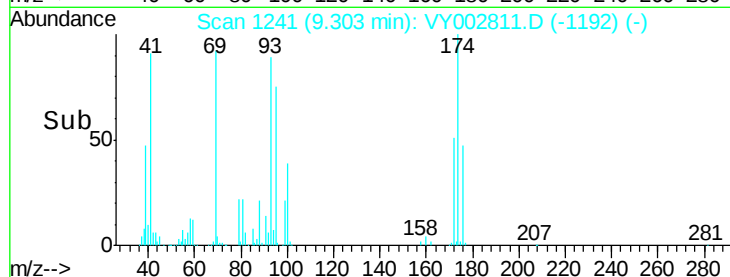
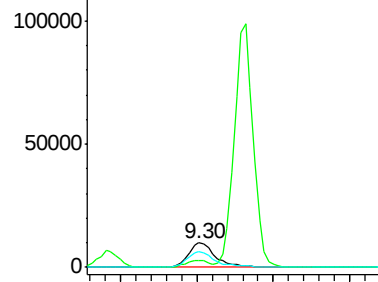
Tot Ion	88	Resp	24640
Ion Ratio	Lower	Upper	
88	100		
43	24.4	21.3	31.9
58	67.7	52.2	78.2

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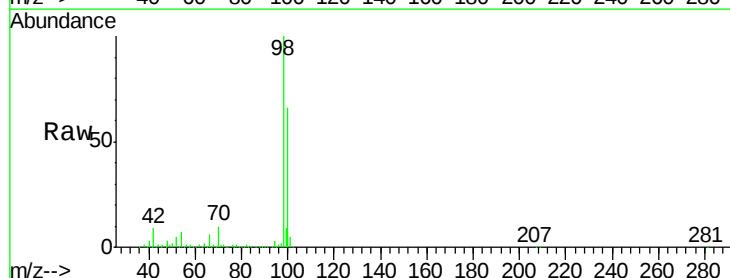


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

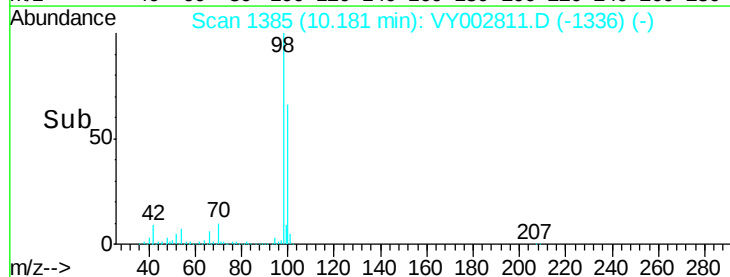
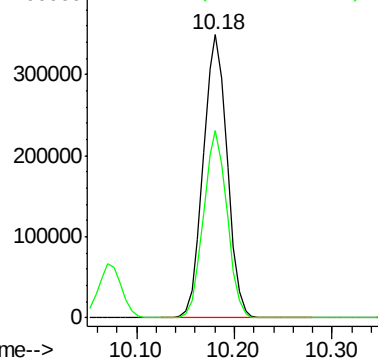


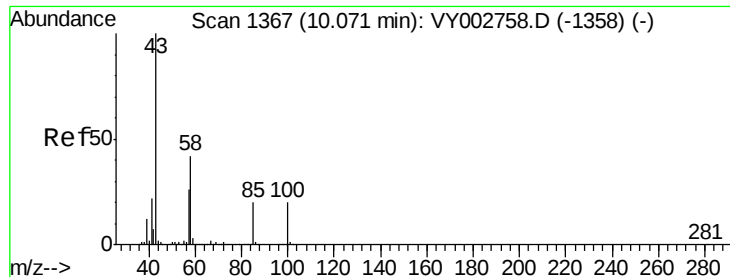
#50
Toluene-d8
Concen: 47.850 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion	98	Resp	590129
Ion Ratio	Lower	Upper	
98	100		
100	65.1	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 244.070 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 584218

Ion Ratio Lower Upper

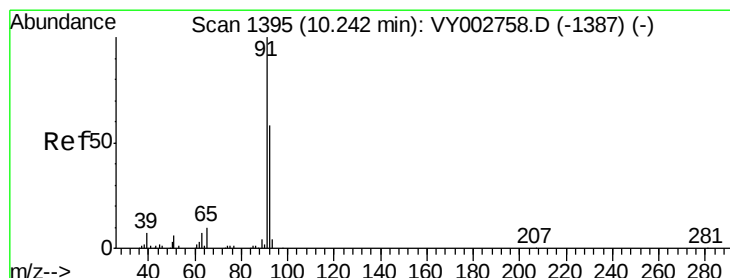
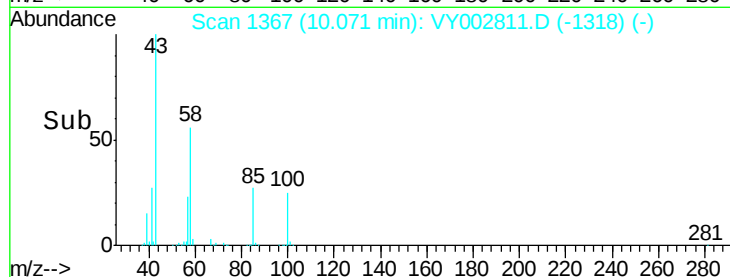
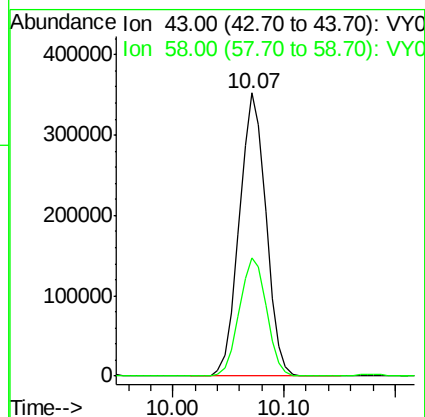
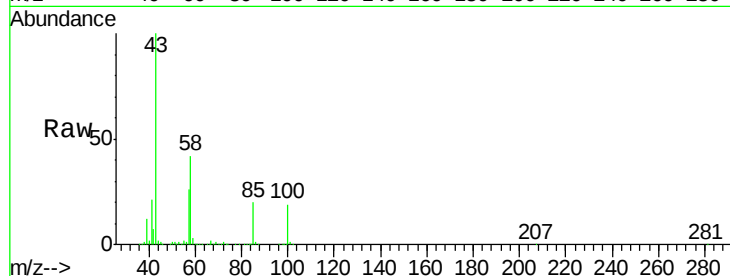
43 100

58 42.4 34.2 51.2

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#52

Toluene

Concen: 46.340 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002811.D

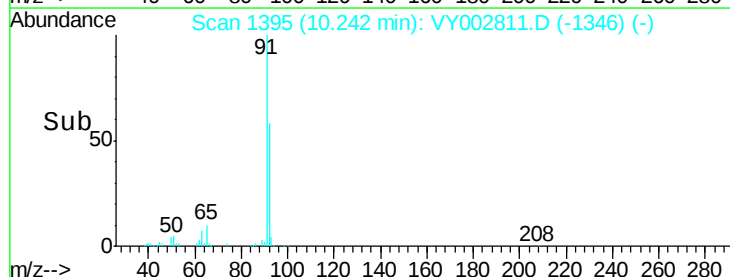
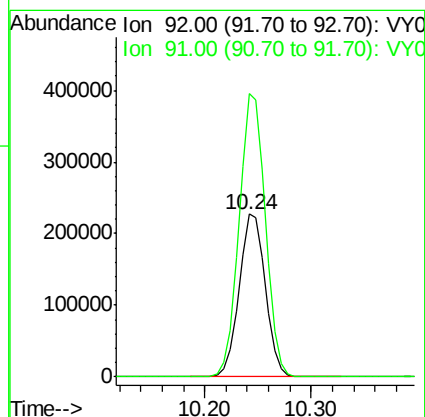
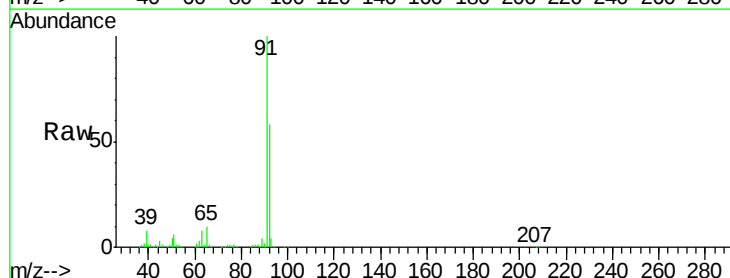
Acq: 02 Jun 2020 10:26

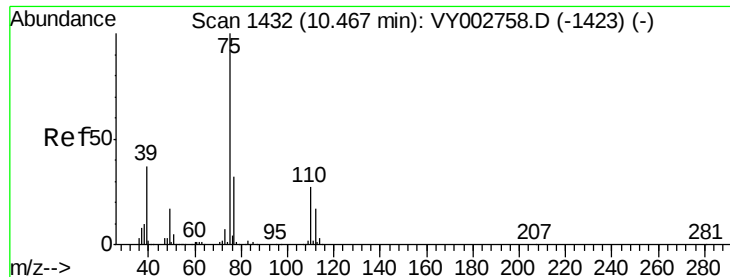
Tgt Ion: 92 Resp: 392718

Ion Ratio Lower Upper

92 100

91 174.1 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 47.667 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 226459

Ion Ratio Lower Upper

75 100

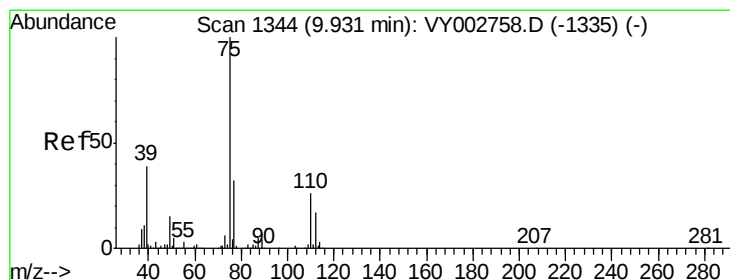
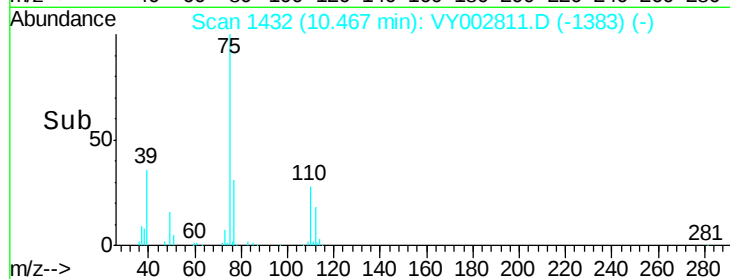
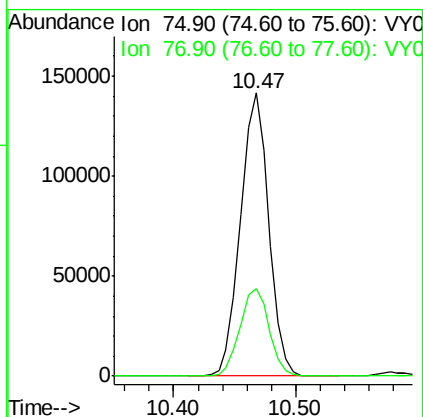
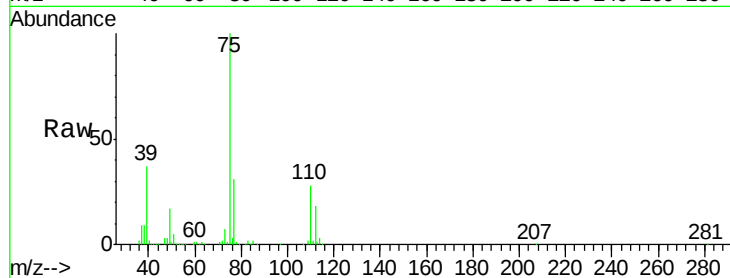
77 30.8 25.3 37.9

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#54

cis-1,3-Dichloropropene

Concen: 47.321 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

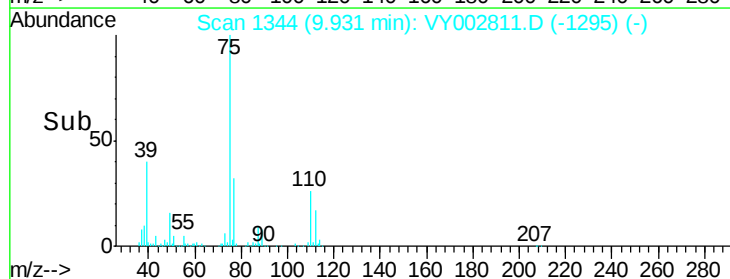
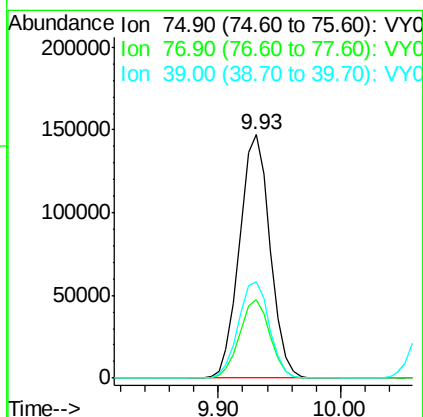
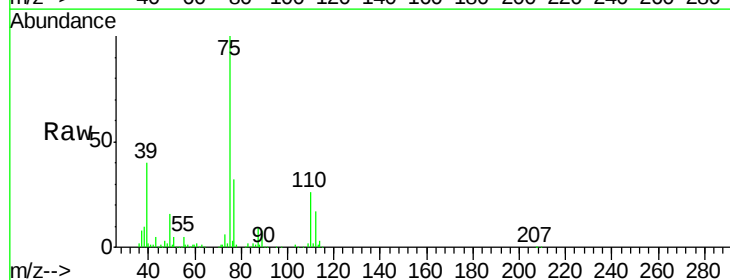
Tgt Ion: 75 Resp: 254743

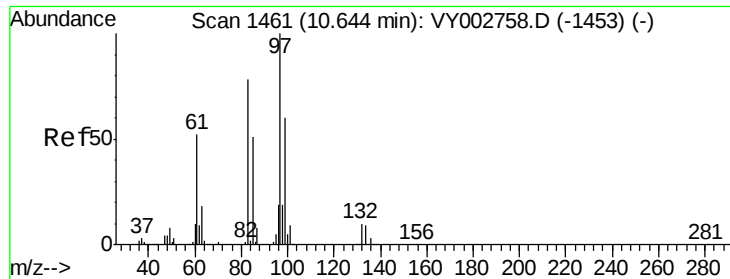
Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4

39 39.8 31.3 46.9





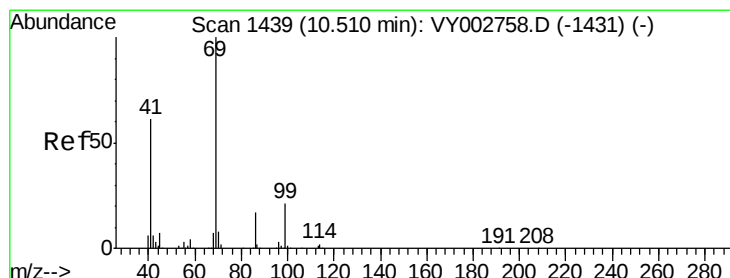
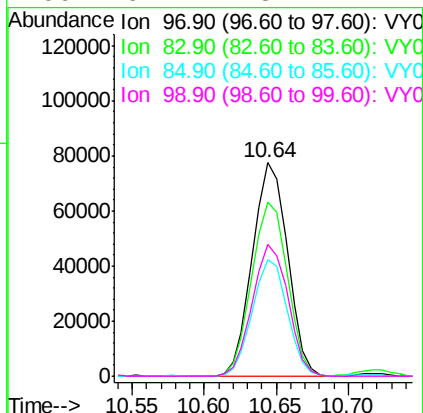
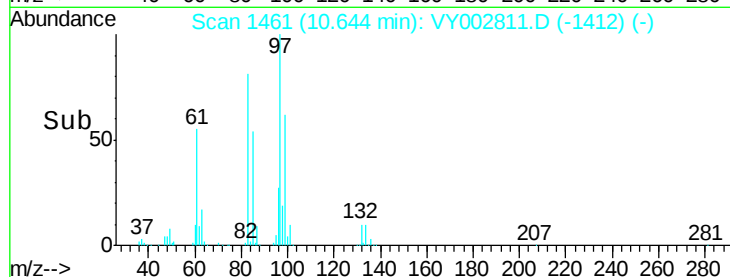
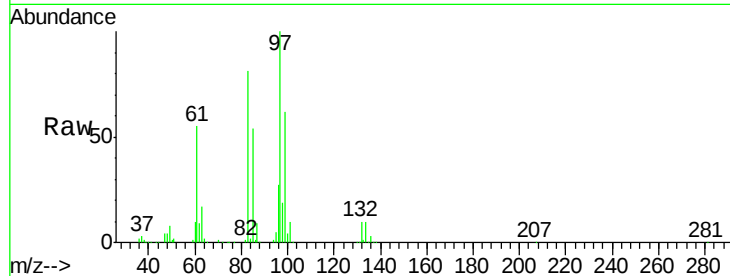
#55
 1,1,2-Trichloroethane
 Concen: 46.624 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	131698
Ion	Ratio	Lower	Upper
97	100		
83	81.3	62.7	94.1
85	54.4	40.6	60.8
99	61.7	48.2	72.4

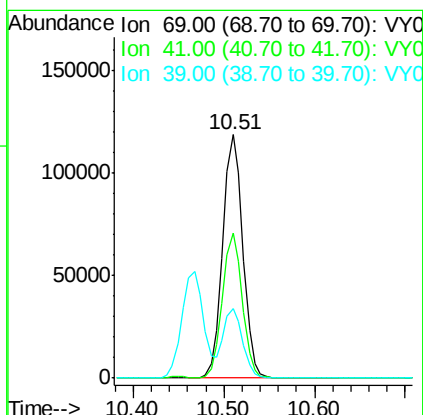
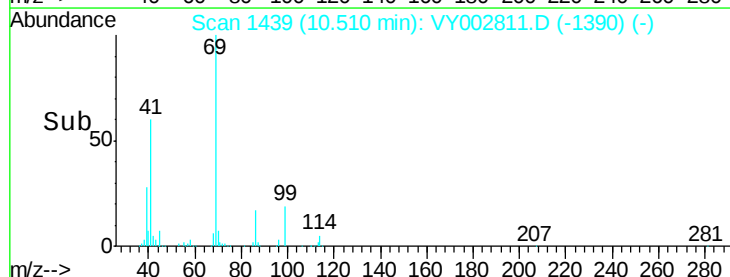
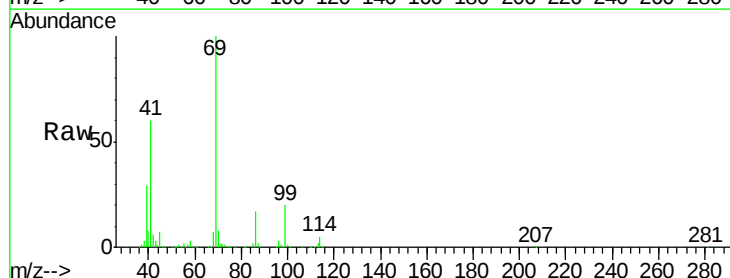
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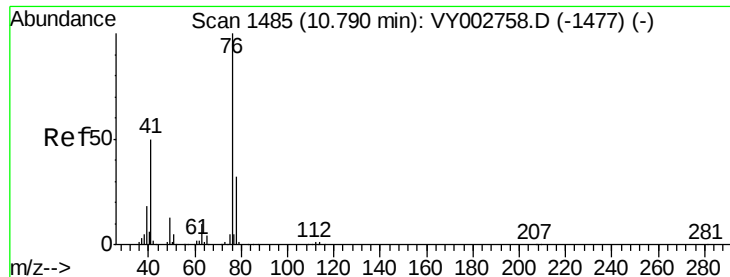
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#56
 Ethyl methacrylate
 Concen: 48.427 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Tgt Ion:	69	Resp:	183218
Ion	Ratio	Lower	Upper
69	100		
41	58.7	47.0	70.4
39	27.1	22.0	33.0





#57

1,3-Dichloropropane

Concen: 47.269 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 219612

Ion Ratio Lower Upper

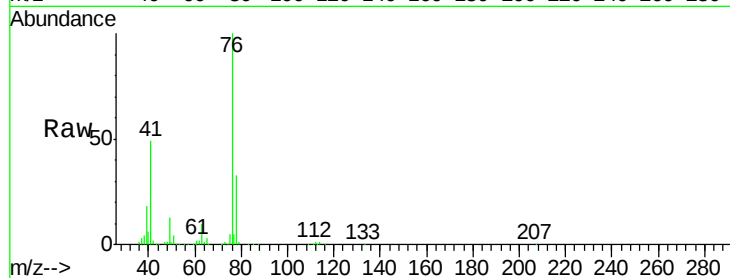
76 100

78 32.7 26.1 39.1

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

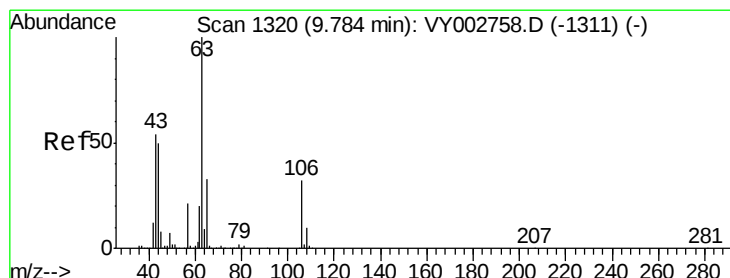
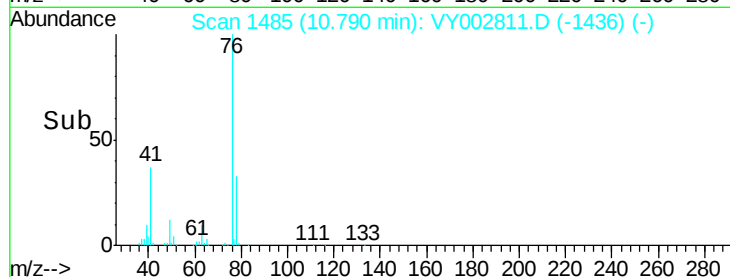
150000

100000

50000

0

Time--> 10.70 10.80 10.90



#58

2-Chloroethyl Vinyl ether

Concen: 248.628 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY002811.D

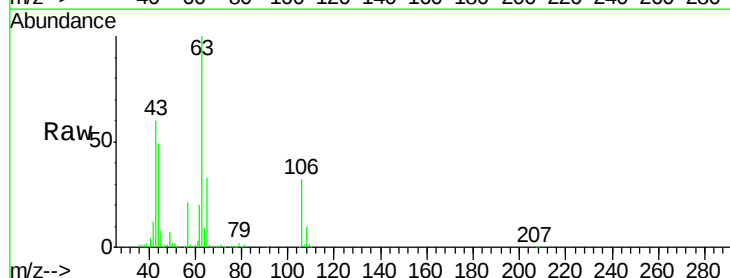
Acq: 02 Jun 2020 10:26

Tgt Ion: 63 Resp: 459633

Ion Ratio Lower Upper

63 100

106 31.4 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

300000

250000

200000

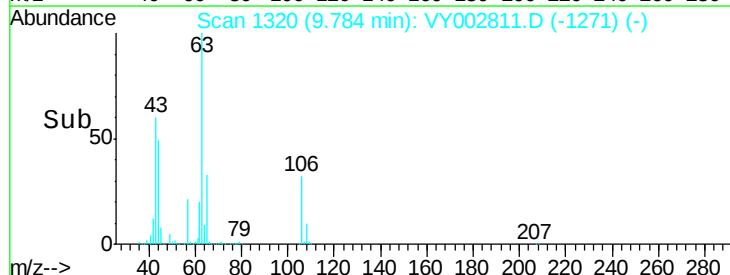
150000

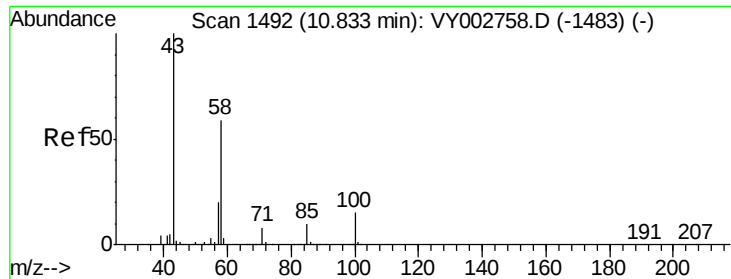
100000

50000

0

Time--> 9.70 9.75 9.80 9.85 9.90





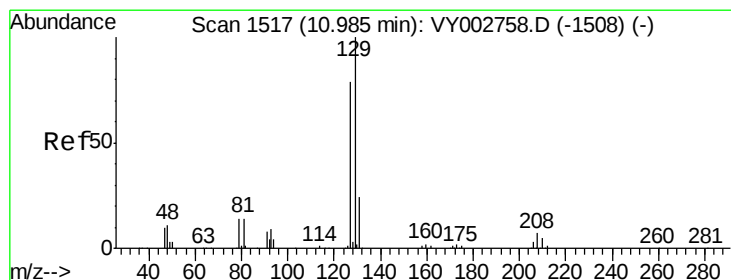
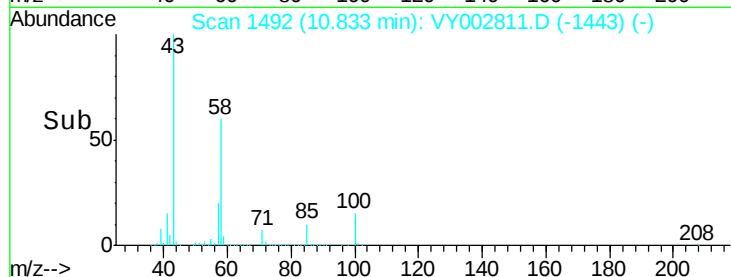
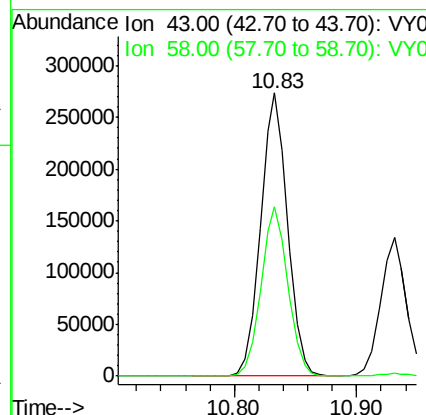
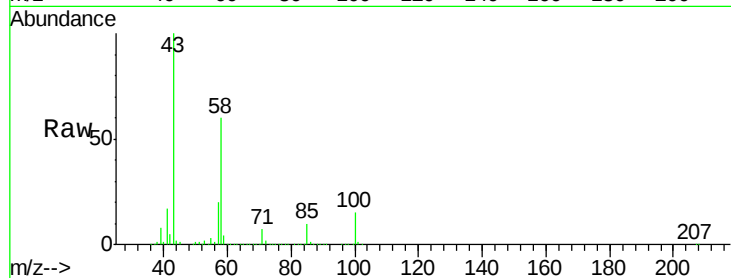
#59
2-Hexanone
Concen: 246.816 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 419181
Ion Ratio Lower Upper
43 100
58 59.5 29.5 88.5

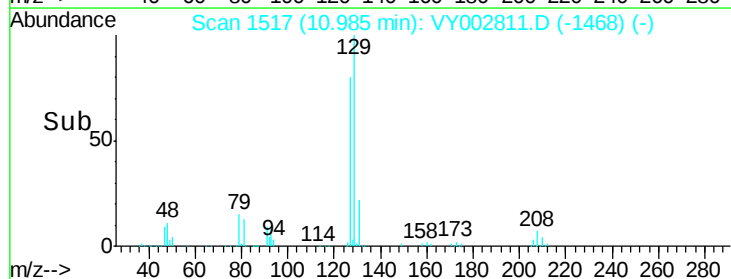
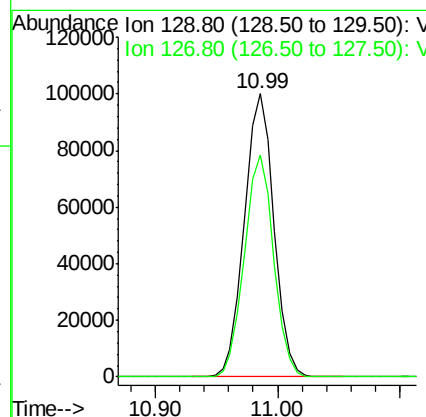
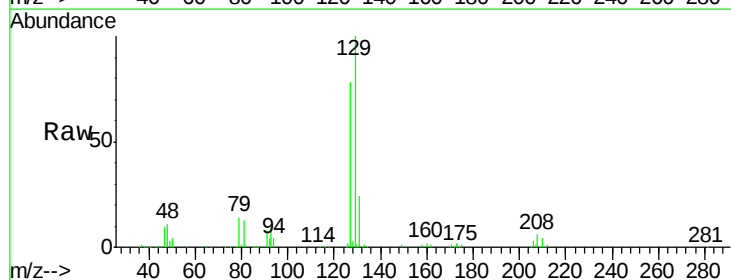
Manual Integrations
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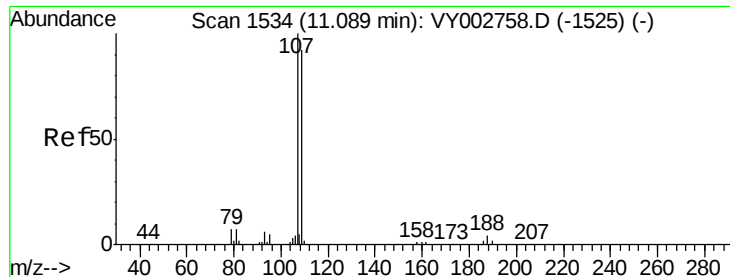
MMDadoda
6/3/2020 11:31:32 AM



#60
Dibromochloromethane
Concen: 46.740 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion: 129 Resp: 167384
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3





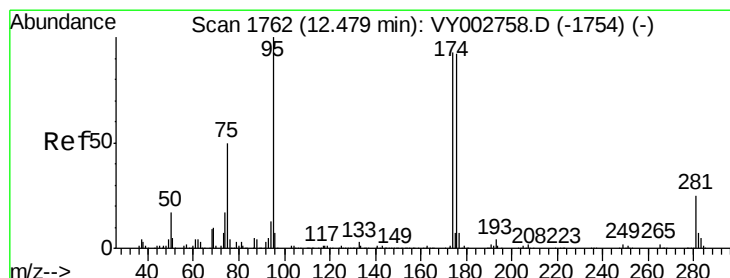
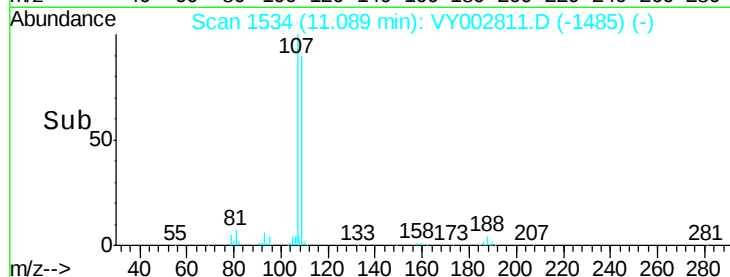
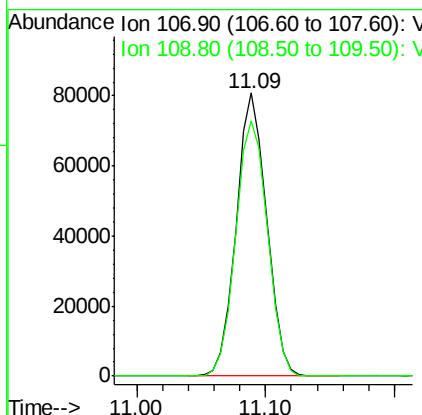
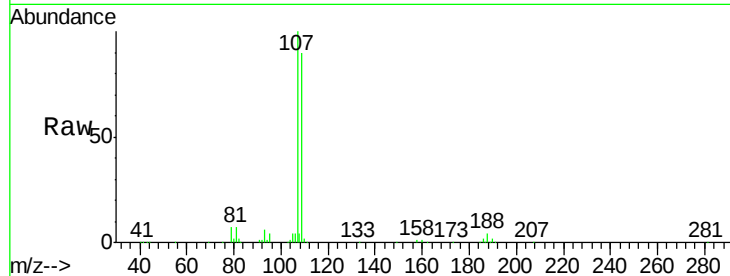
#61
 1,2-Dibromoethane
 Concen: 47.328 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.6	113.4

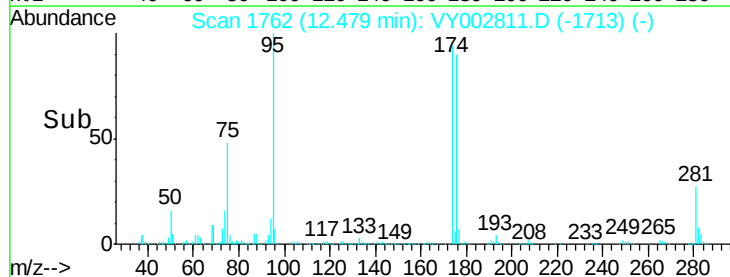
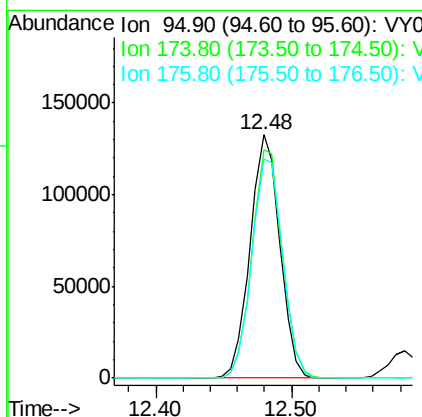
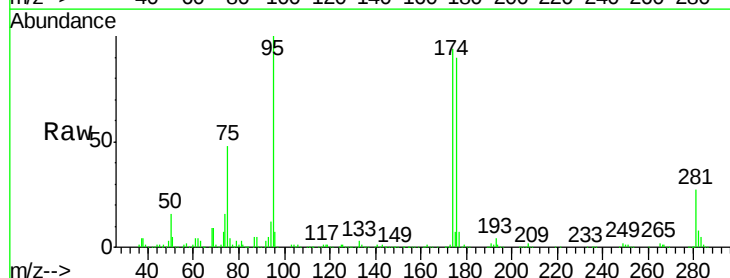
Manual Integrations
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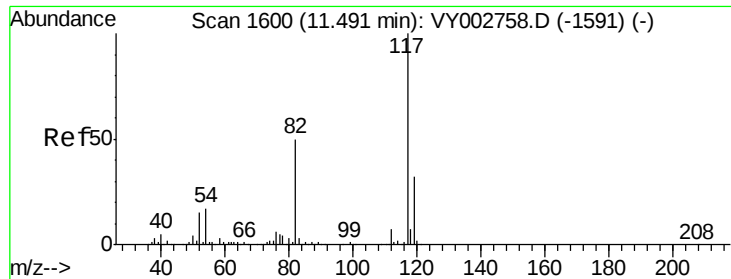
MMDadoda
 6/3/2020 11:31:32 AM



#62
 4-Bromofluorobenzene
 Concen: 48.403 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	191.2
176	93.6	0.0	188.8





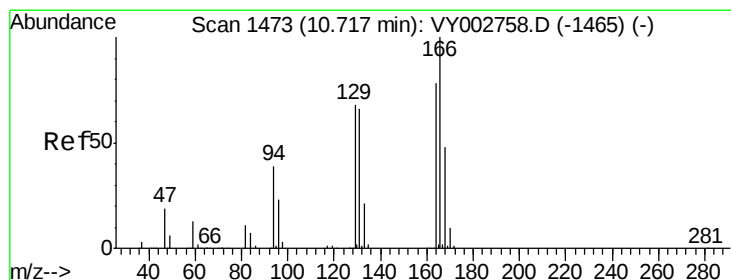
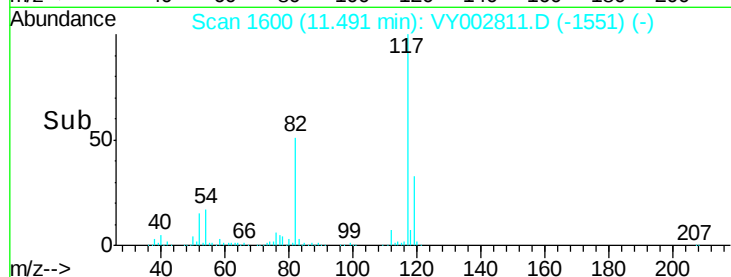
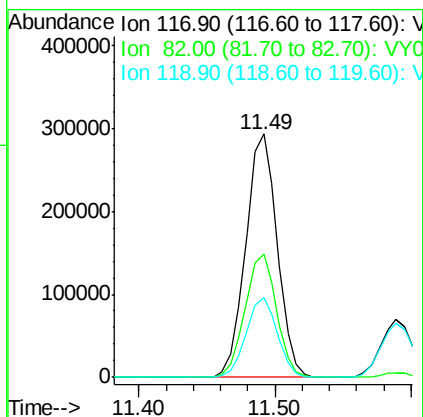
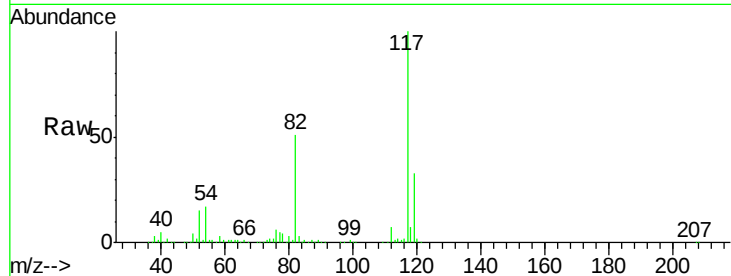
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	40.2	60.4
119	32.7	25.8	38.8

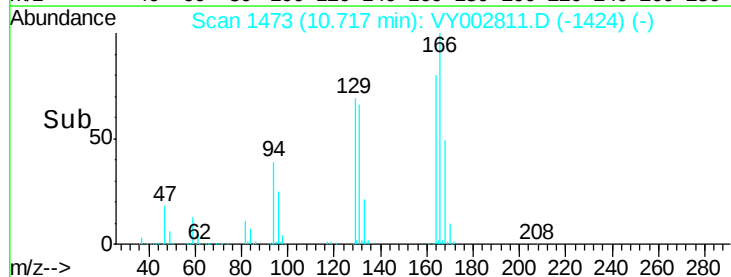
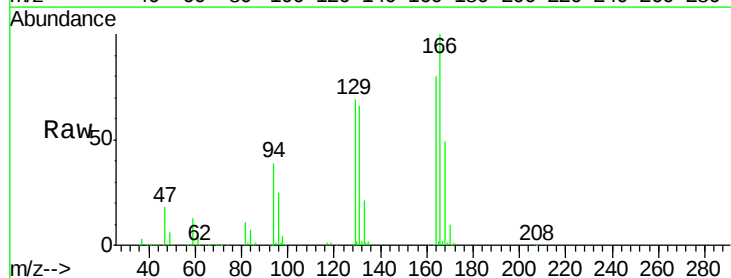
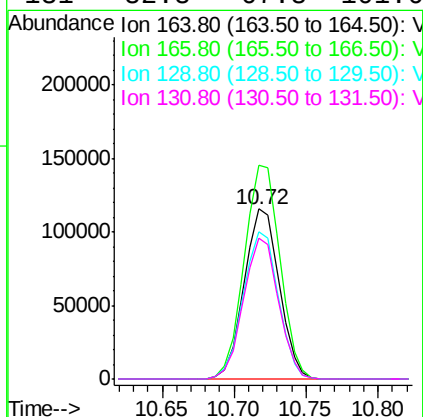
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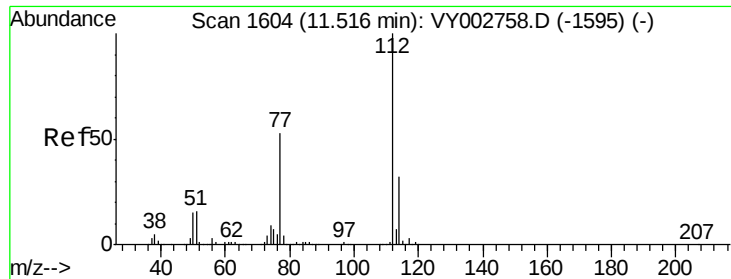
MMDadoda
6/3/2020 11:31:32 AM



#64
Tetrachloroethene
Concen: 45.089 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	102.3	153.5
129	86.7	69.4	104.2
131	82.8	67.8	101.6





#65

Chlorobenzene

Concen: 46.780 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 440207

Ion Ratio Lower Upper

112 100

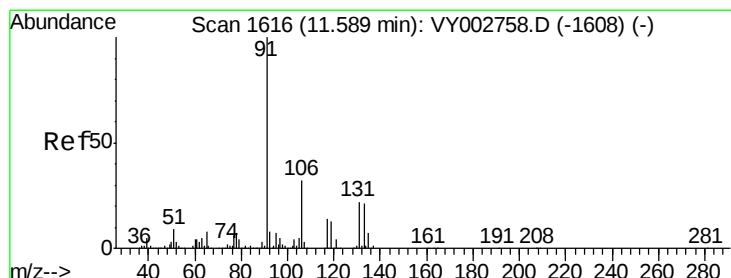
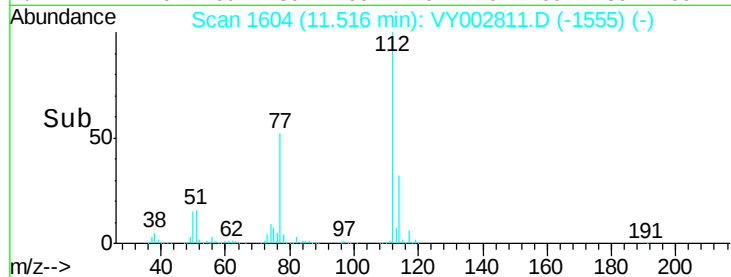
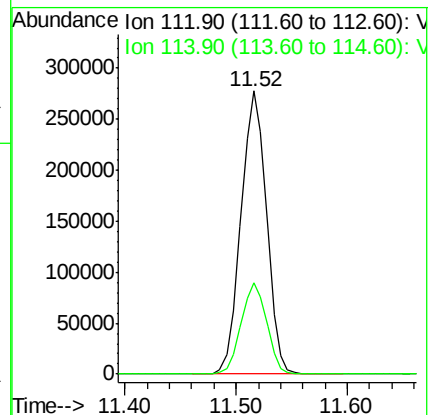
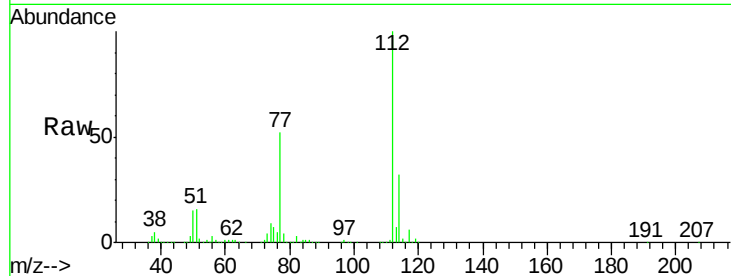
114 32.2 25.7 38.5

Manual Integrations

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MMDadoda

6/3/2020 11:31:32 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 47.376 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

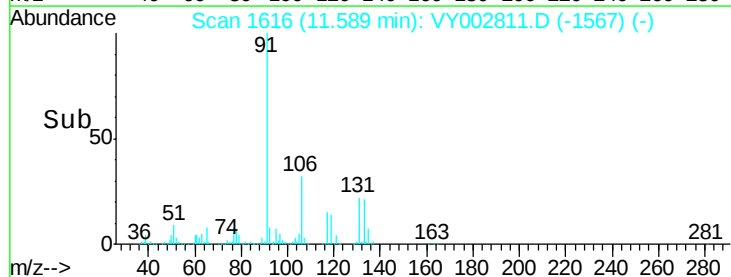
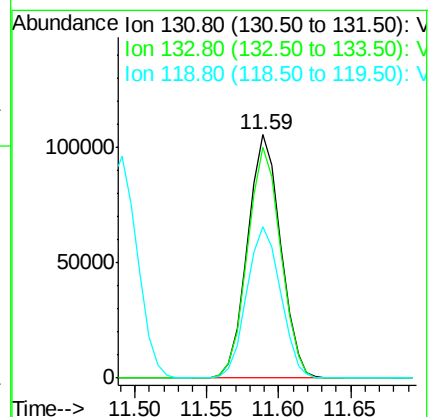
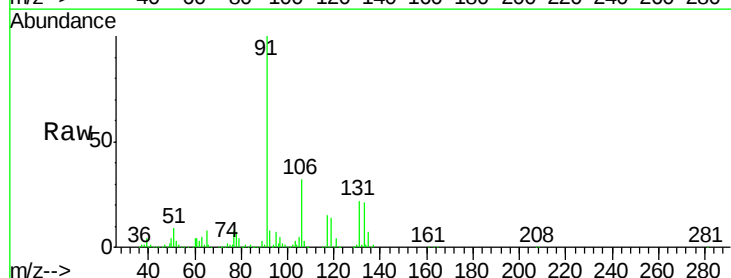
Tgt Ion:131 Resp: 167904

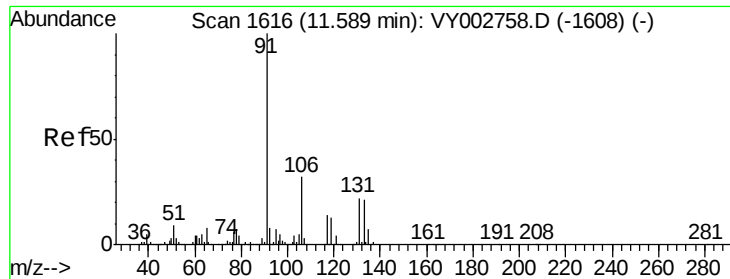
Ion Ratio Lower Upper

131 100

133 95.1 47.6 142.8

119 63.7 31.7 95.1





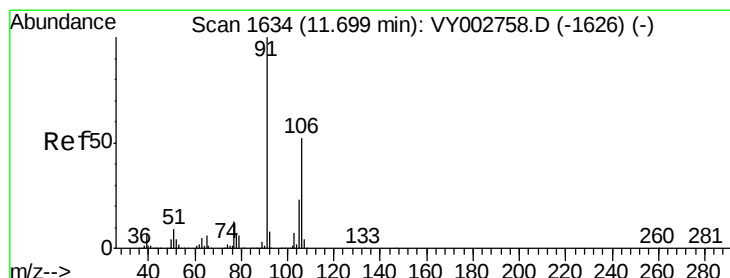
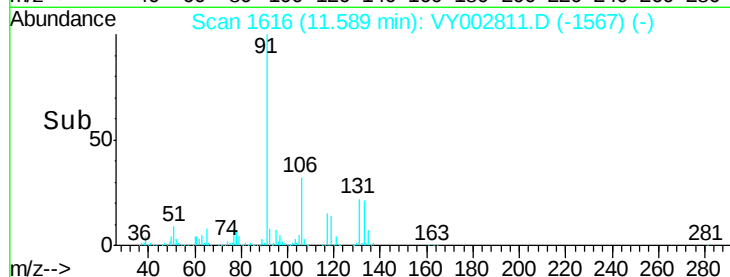
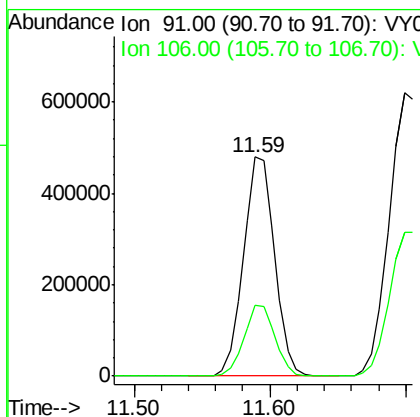
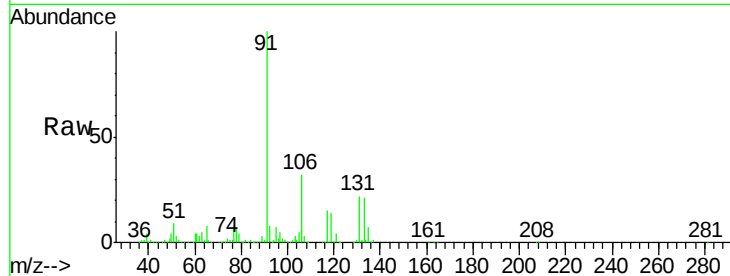
#67
Ethyl Benzene
Concen: 46.932 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 765643
Ion Ratio Lower Upper
91 100
106 32.3 25.7 38.5

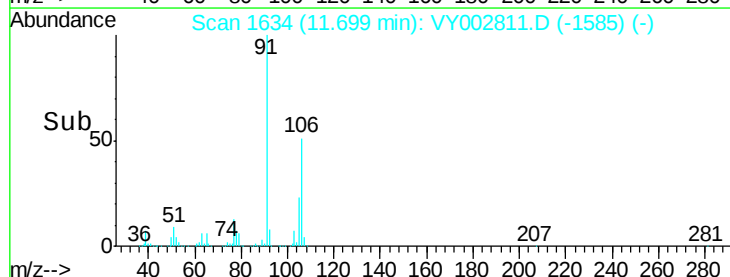
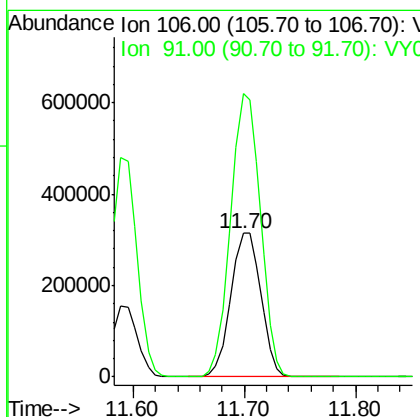
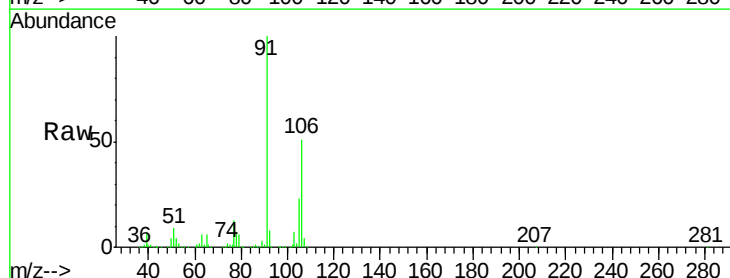
Manual Integrations
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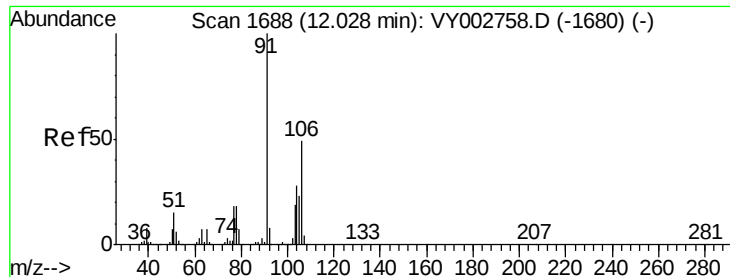
MMDadoda
6/3/2020 11:31:32 AM



#68
m/p-Xylenes
Concen: 93.529 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion: 106 Resp: 591583
Ion Ratio Lower Upper
106 100
91 194.9 156.0 234.0





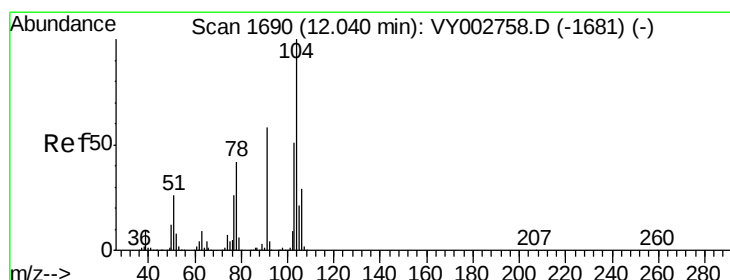
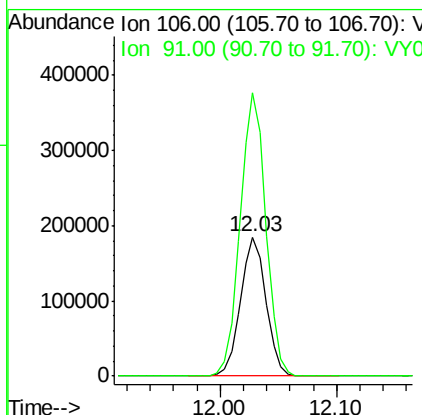
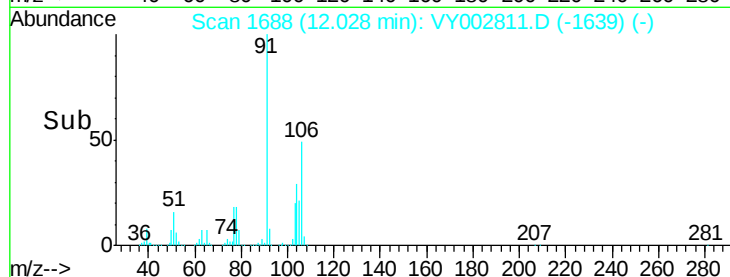
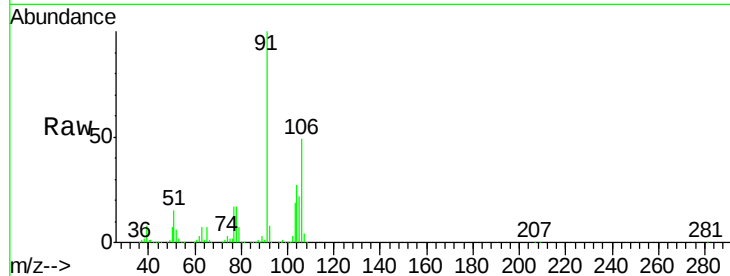
#69
o-Xylene
Concen: 47.209 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	204.9	102.4	307.1

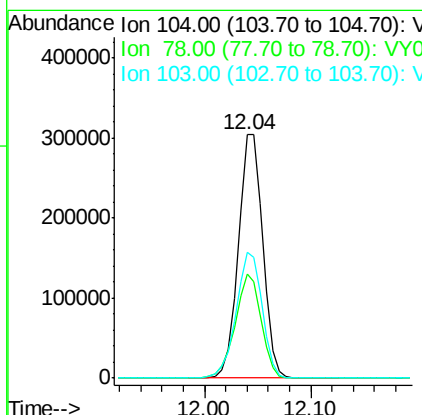
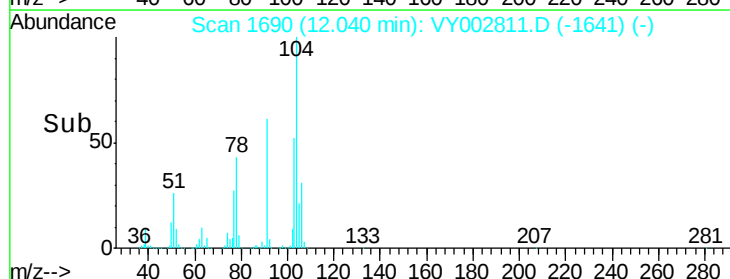
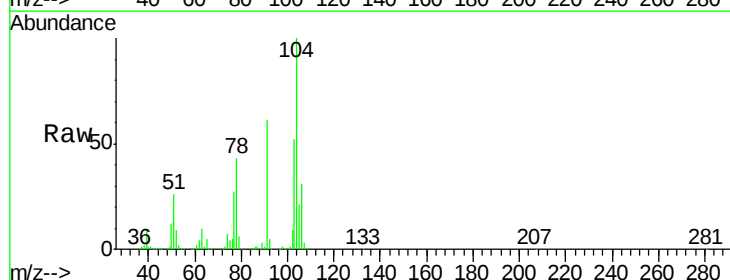
Manual Integrations
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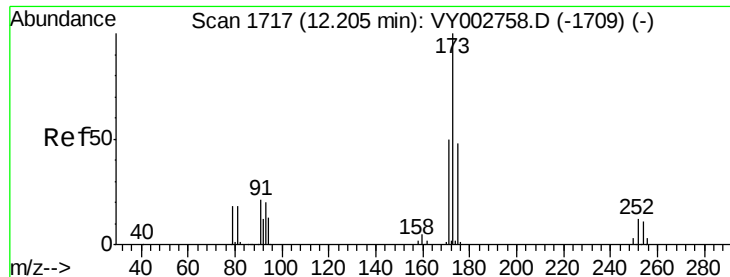
MMDadoda
6/3/2020 11:31:32 AM



#70
Styrene
Concen: 47.367 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	45.2	36.2	54.4
103	103	54.9	43.6	65.4





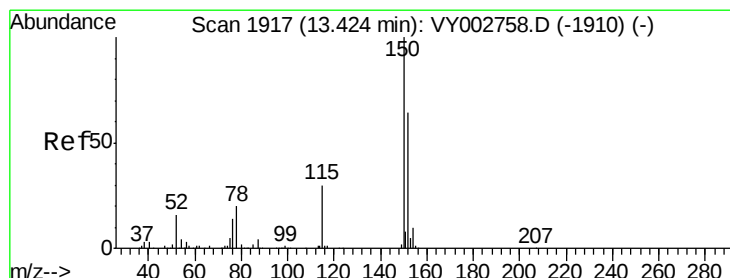
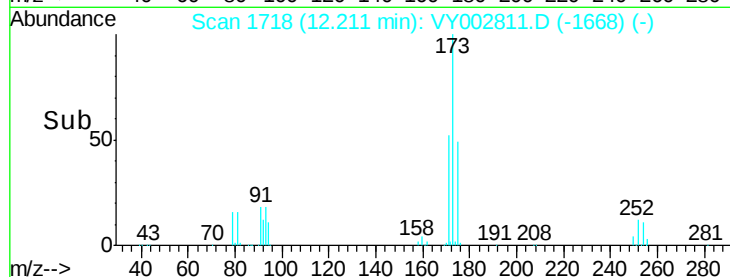
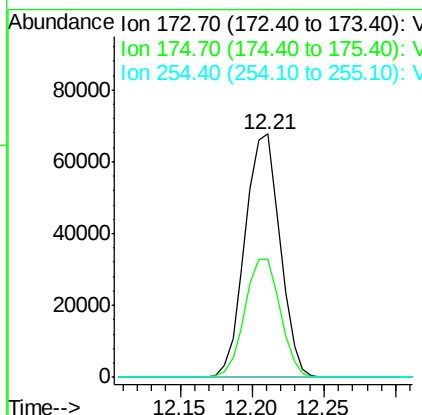
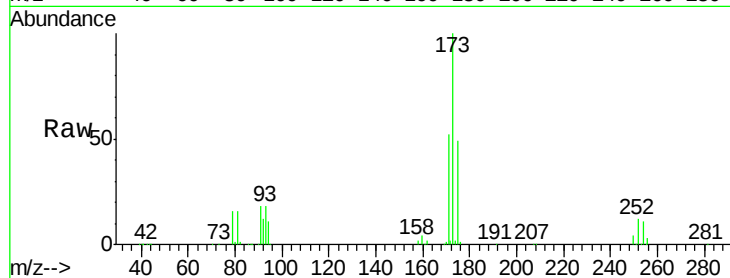
#71
Bromoform
Concen: 47.984 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.3	72.8
254	0.2	0.1	0.1#

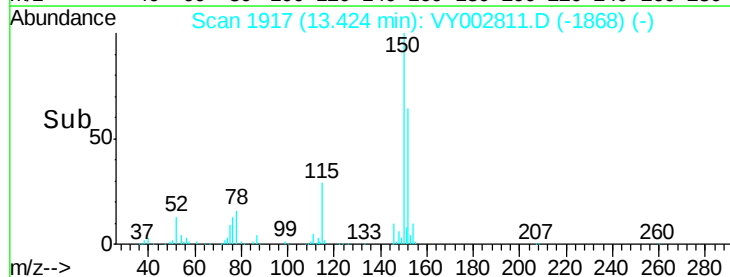
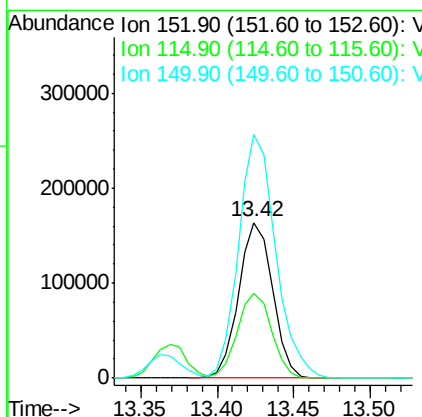
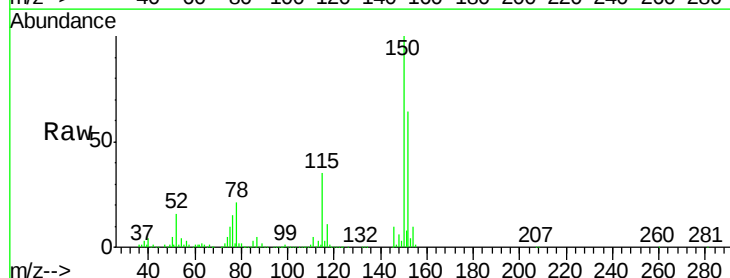
Manual Integrations
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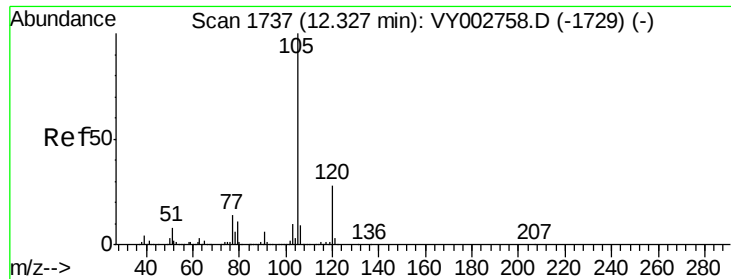
MMDadoda
6/3/2020 11:31:32 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.0	81.0
150	171.0	0.0	344.8





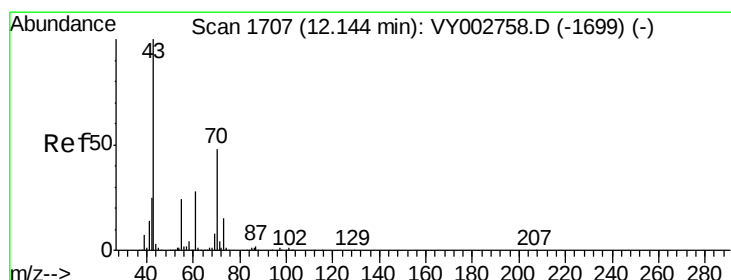
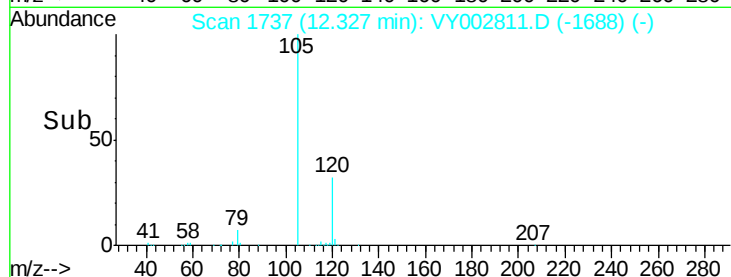
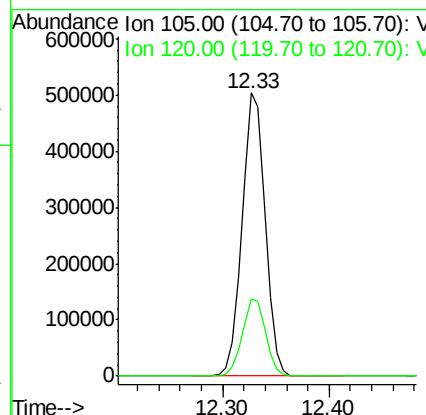
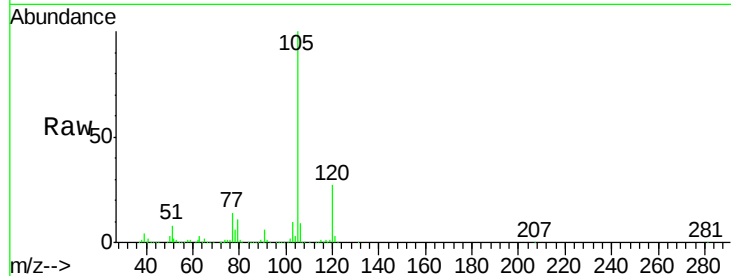
#73
Isopropylbenzene
Concen: 47.538 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.7	41.1

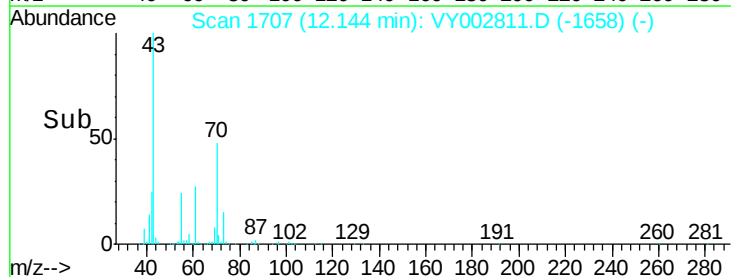
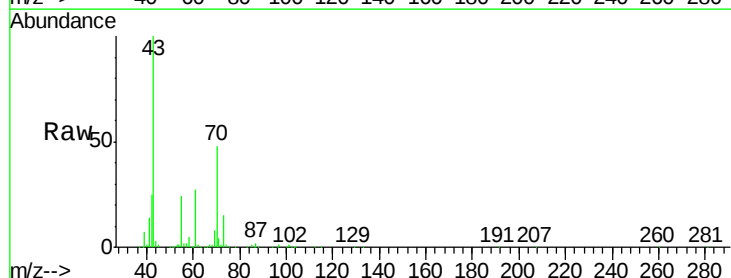
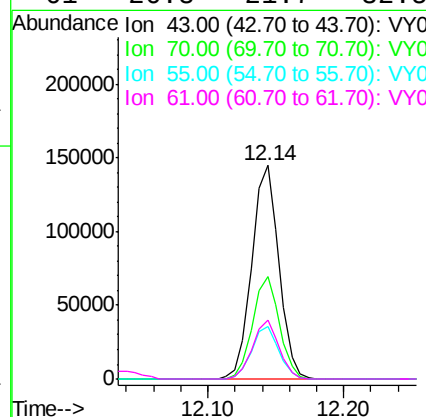
Manual Integrations
APPROVED

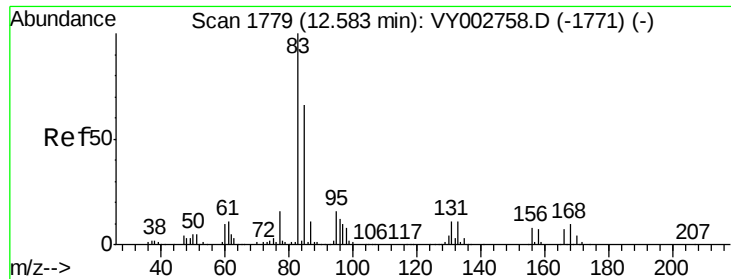
MMDadoda
6/3/2020 11:31:32 AM



#74
N-ethyl acetate
Concen: 49.022 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.4	37.7	56.5
55	24.6	19.8	29.6
61	26.8	21.7	32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.992 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

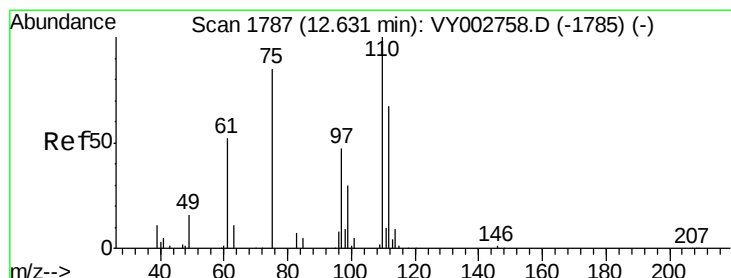
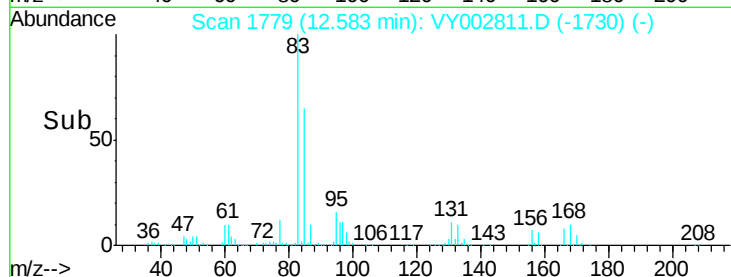
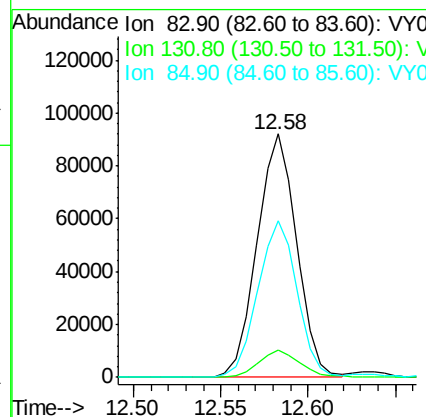
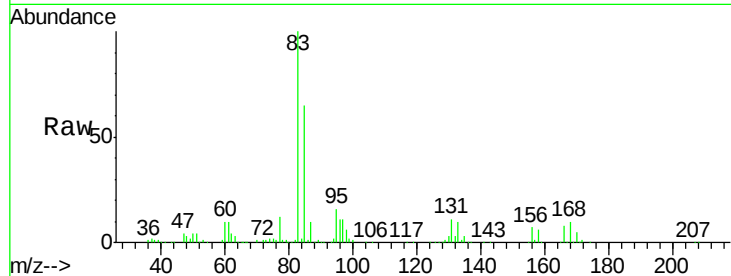
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	144374
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.8	17.4
85	64.3	32.6	98.0

Manual Integrations
APPROVED

MMDadoda
6/3/2020 11:31:32 AM



#76

1,2,3-Trichloropropane

Concen: 49.077 ug/l m

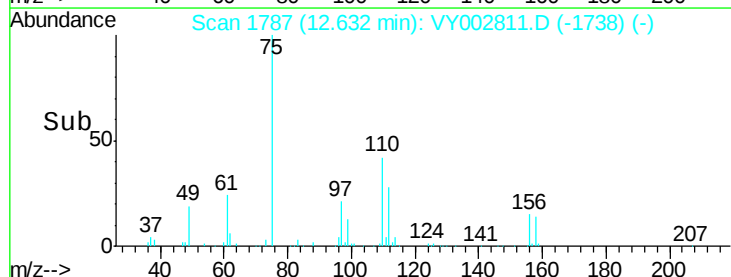
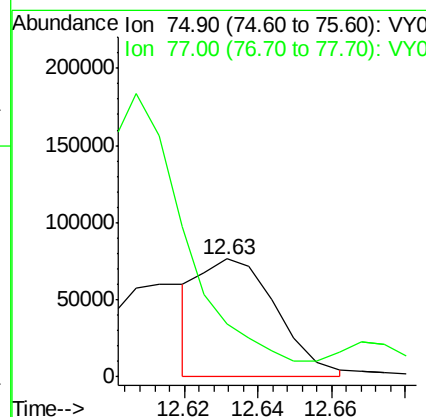
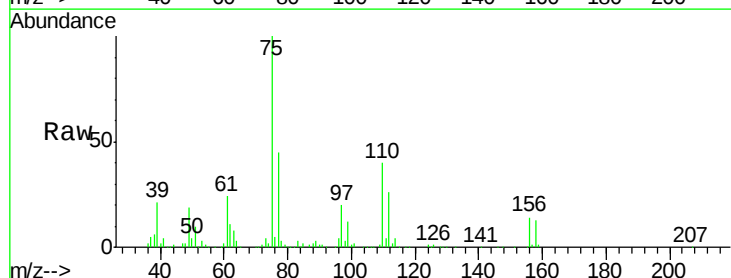
RT: 12.63 min Scan# 1787

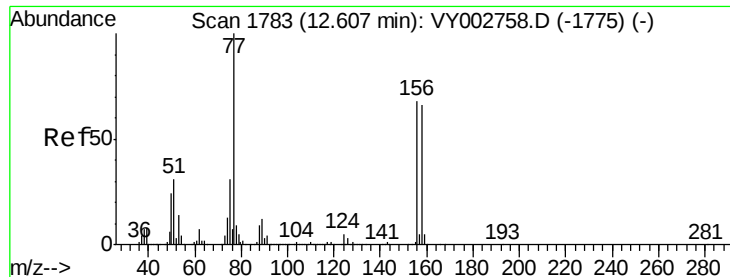
Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Tgt Ion:	75	Resp:	111354
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.029 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

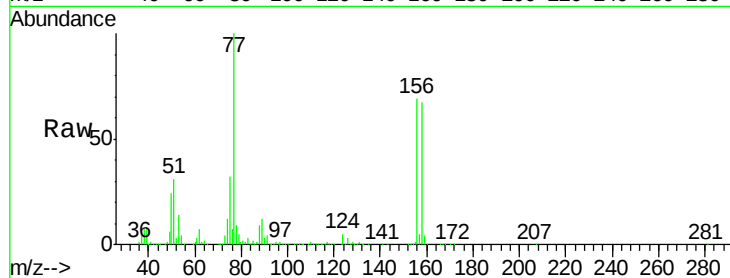
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	197605
Ion Ratio	Lower	Upper	
156	100		
77	163.4	81.4	244.2
158	96.5	48.5	145.6

Manual Integrations
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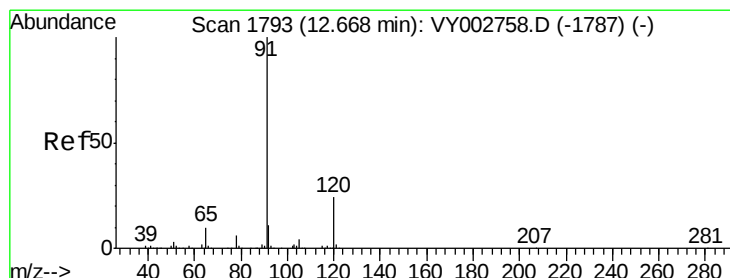
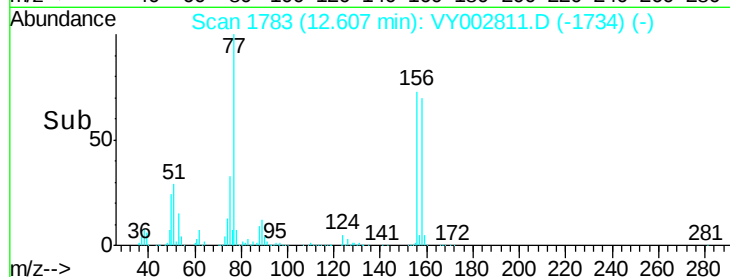
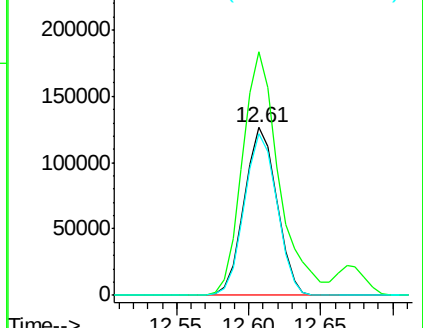
MMDadoda
6/3/2020 11:31:32 AM



Abundance Ion 155.80 (155.50 to 156.50): VY002758.D (-1775) (-)

Ion 77.00 (76.70 to 77.70): VY002758.D (-1775) (-)

Ion 157.80 (157.50 to 158.50): VY002758.D (-1775) (-)



#78

n-propylbenzene

Concen: 47.883 ug/l

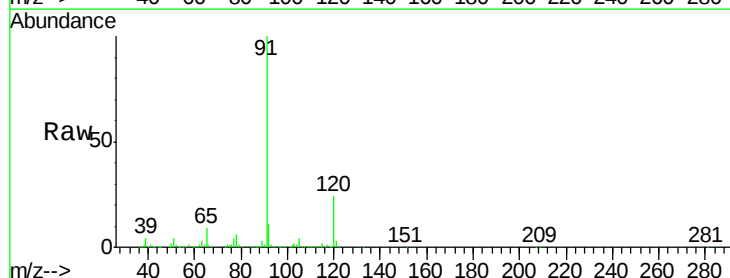
RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002811.D

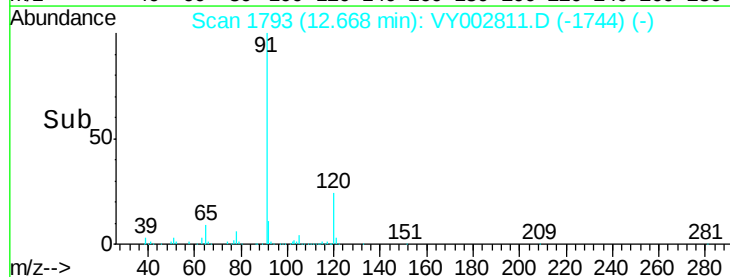
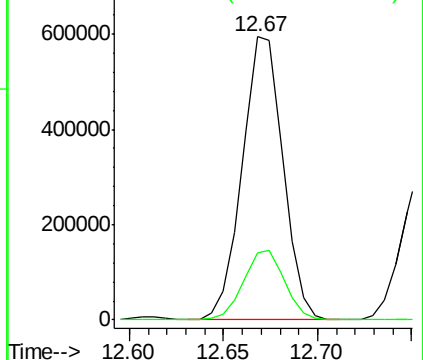
Acq: 02 Jun 2020 10:26

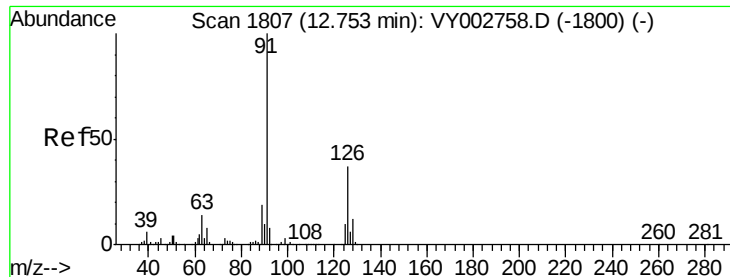
Tgt Ion:	91	Resp:	892548
Ion Ratio	Lower	Upper	
91	100		
120	24.6	12.3	36.9



Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1787) (-)

Ion 120.00 (119.70 to 120.70): VY002758.D (-1787) (-)





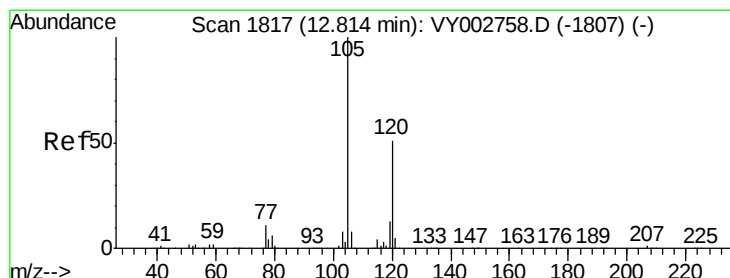
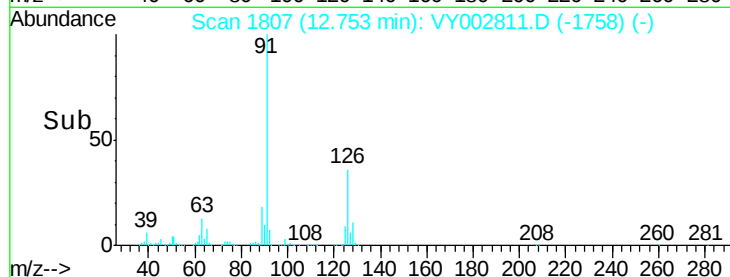
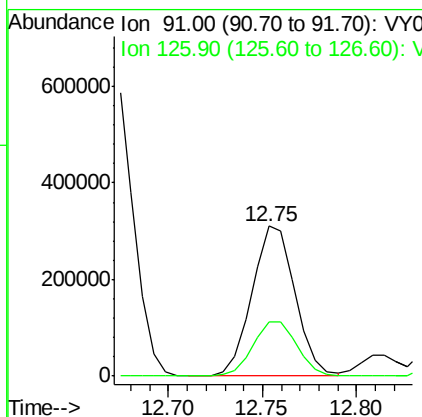
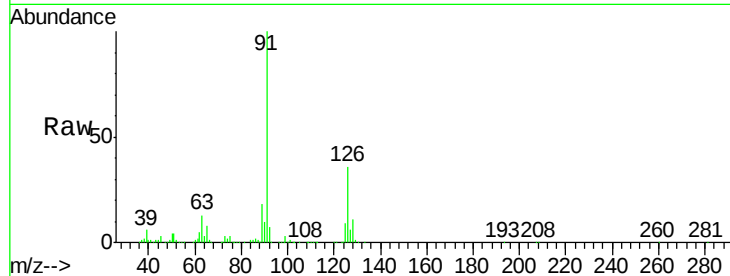
#79
 2-Chlorotoluene
 Concen: 47.019 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 491632
 Ion Ratio Lower Upper
 91 100
 126 36.9 18.4 55.4

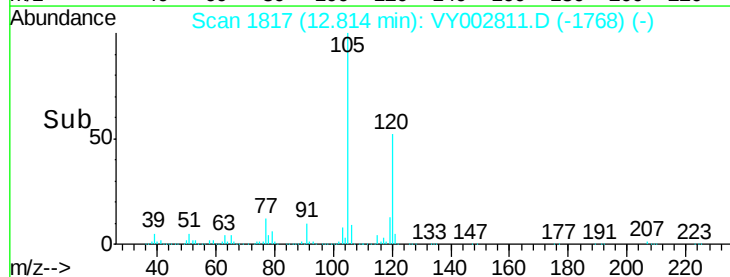
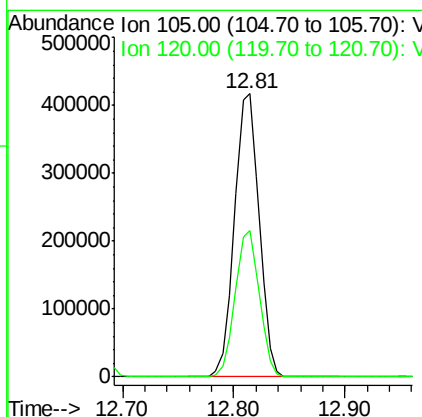
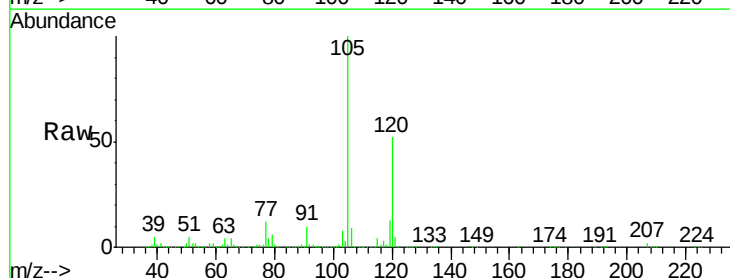
Manual Integrations
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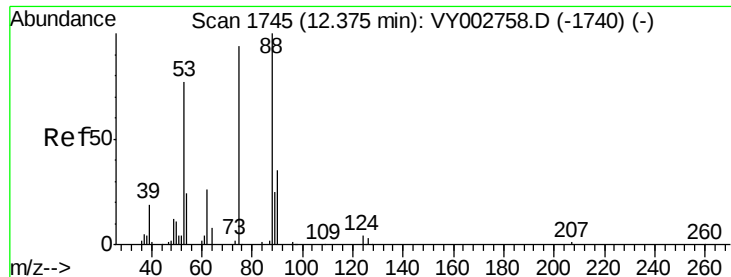
MMDadoda
 6/3/2020 11:31:32 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 47.375 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Tgt Ion: 105 Resp: 638306
 Ion Ratio Lower Upper
 105 100
 120 51.0 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.026 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

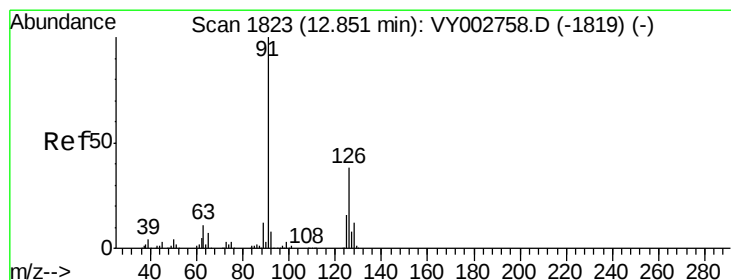
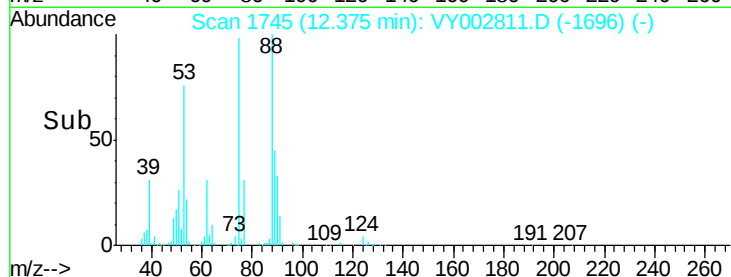
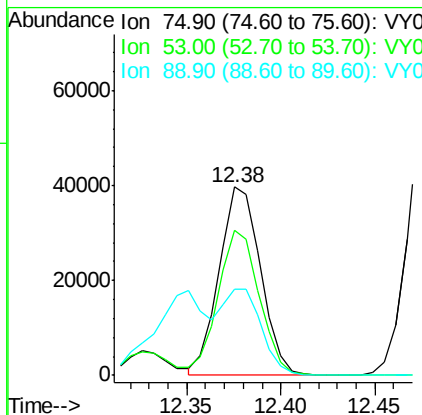
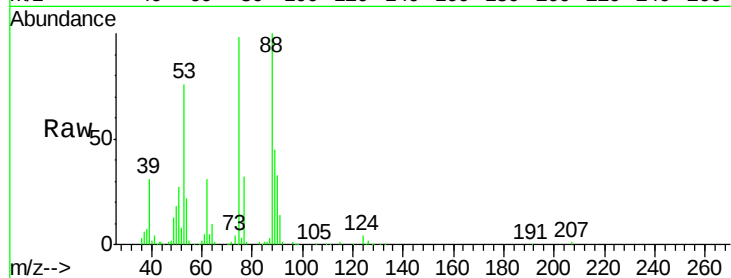
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	60248
Ion	Ratio	Lower	Upper
75	100		
53	78.2	64.0	96.0
89	43.9	37.4	56.2

Manual Integrations
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6/3/2020 11:31:32 AM



#82

4-Chlorotoluene

Concen: 46.962 ug/l

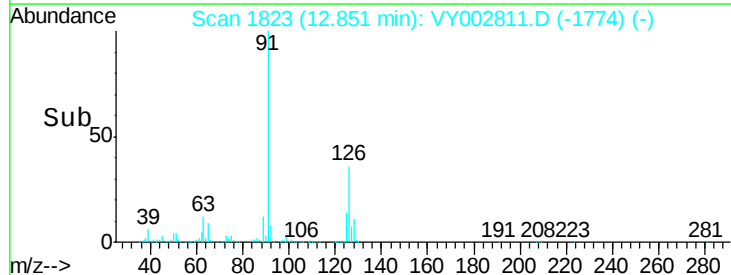
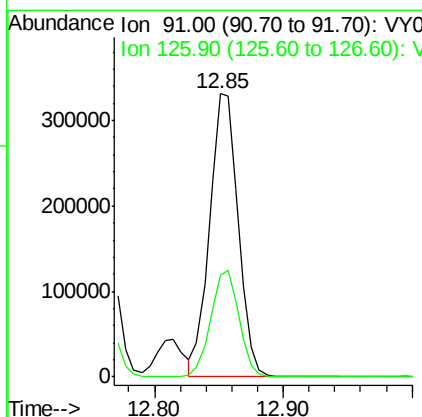
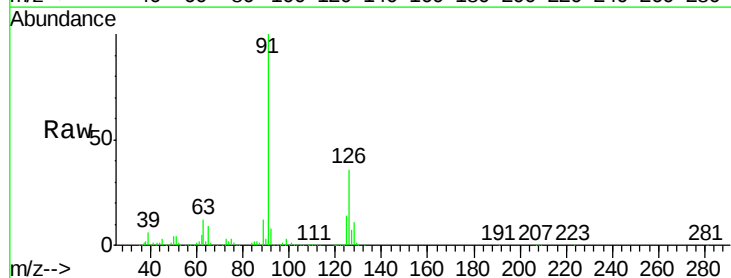
RT: 12.85 min Scan# 1823

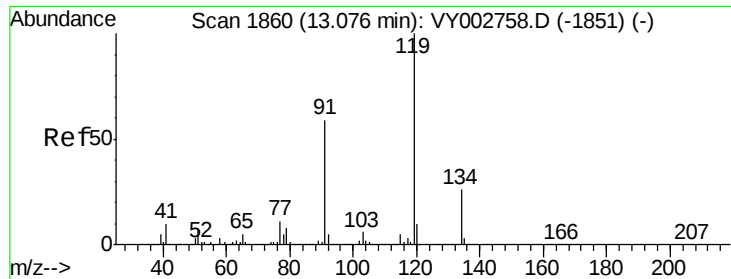
Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Tgt Ion:	91	Resp:	514466
Ion	Ratio	Lower	Upper
91	100		
126	37.4	18.5	55.5





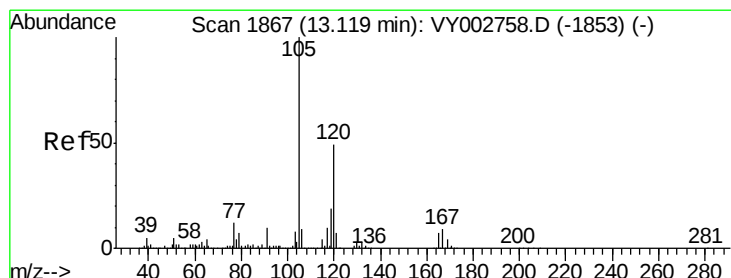
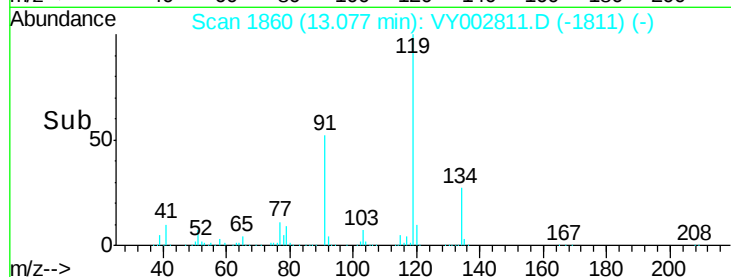
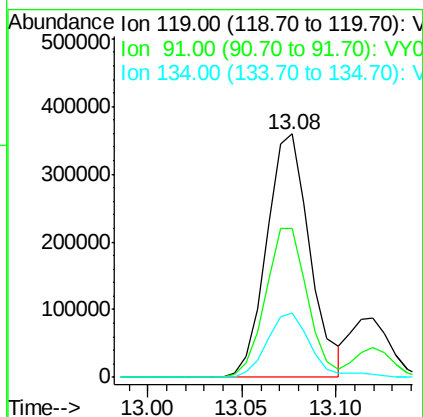
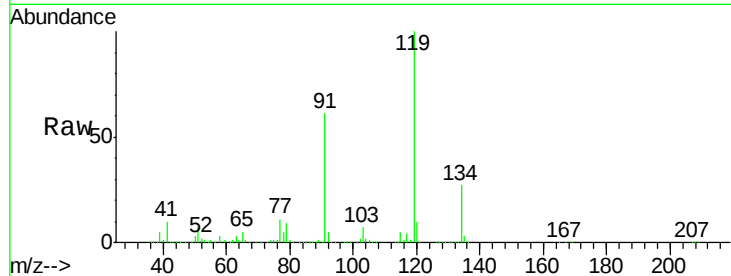
#83
tert-Butylbenzene
Concen: 47.576 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	571795		
91	59.5		29.8	89.4
134	26.9		13.3	39.8

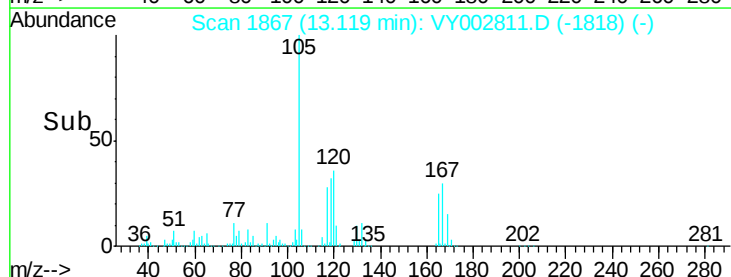
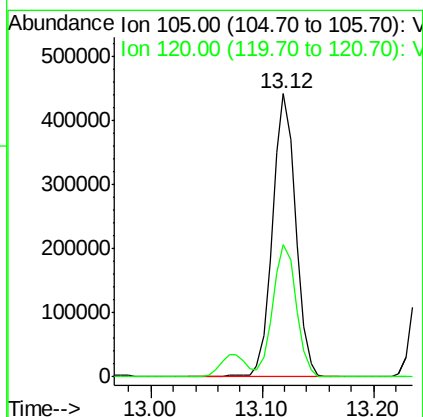
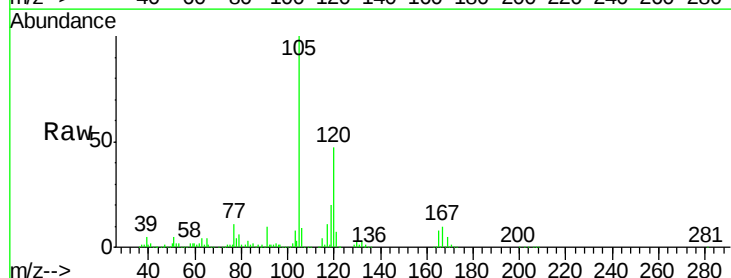
Manual Integrations
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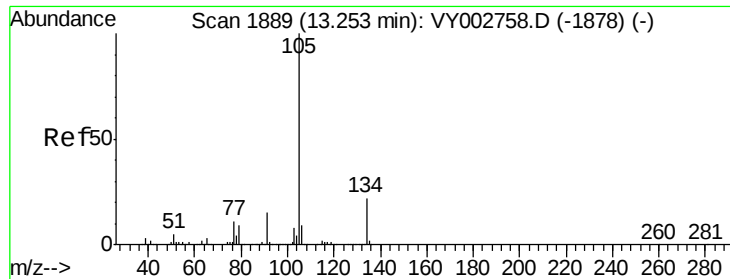
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 47.201 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	639468		
120	47.0		23.6	70.8





#85

sec-Butylbenzene

Concen: 47.099 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 773990

Ion Ratio Lower Upper

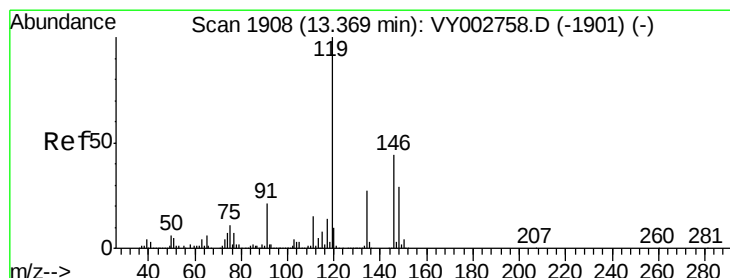
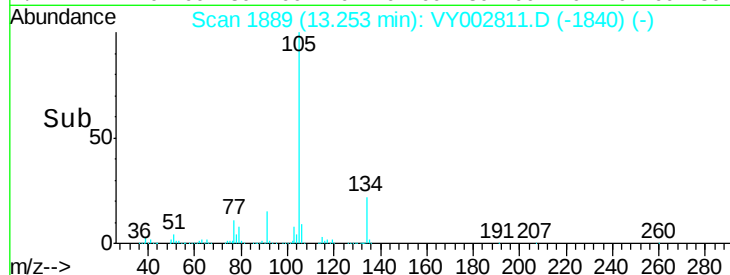
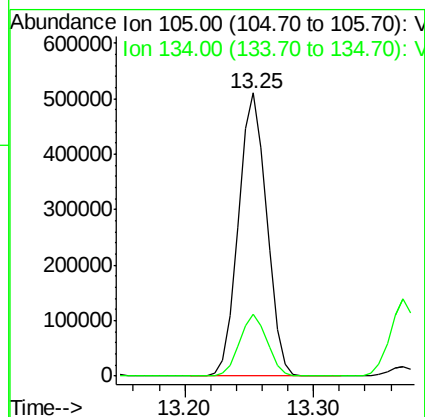
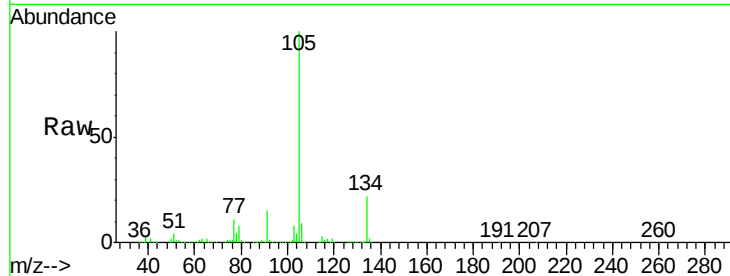
105 100

134 21.4 10.8 32.4

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 47.894 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002811.D

Acq: 02 Jun 2020 10:26

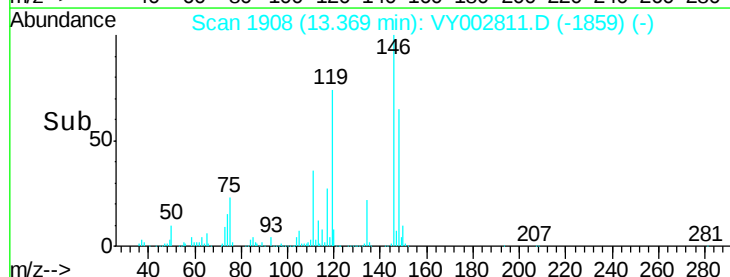
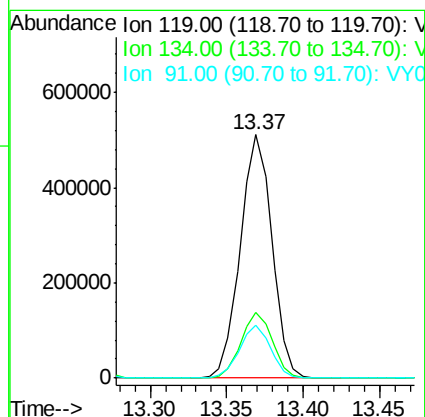
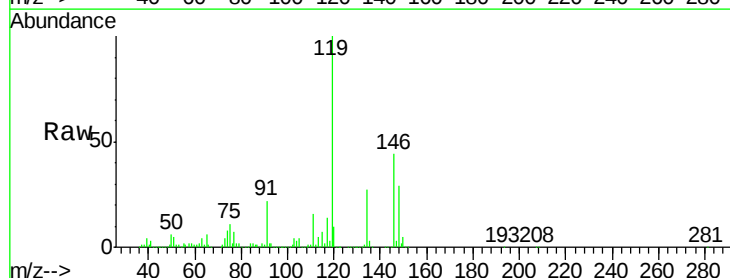
Tgt Ion:119 Resp: 732344

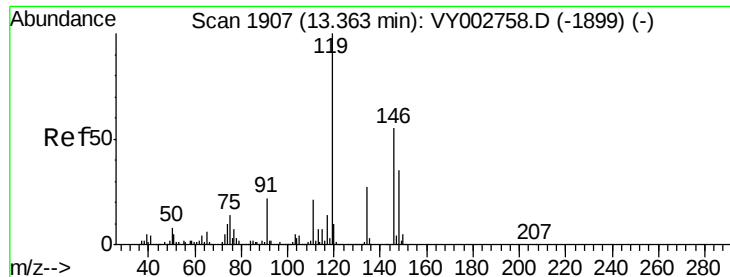
Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

91 21.3 10.8 32.4





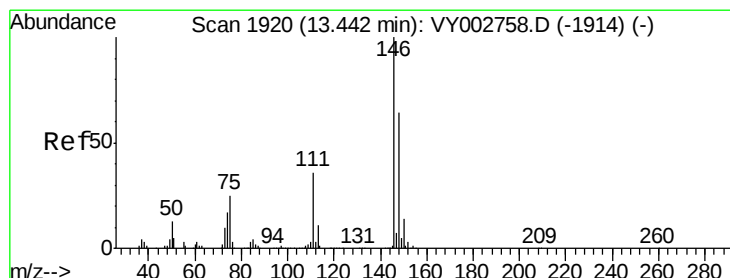
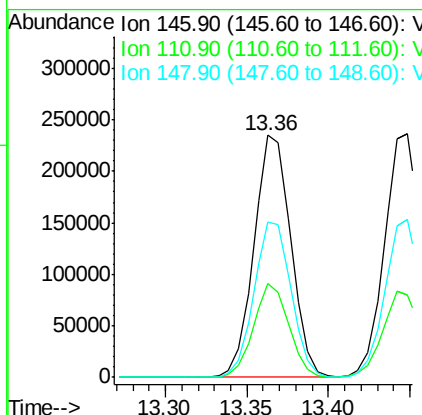
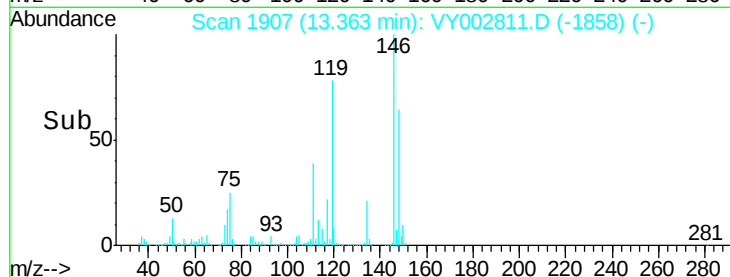
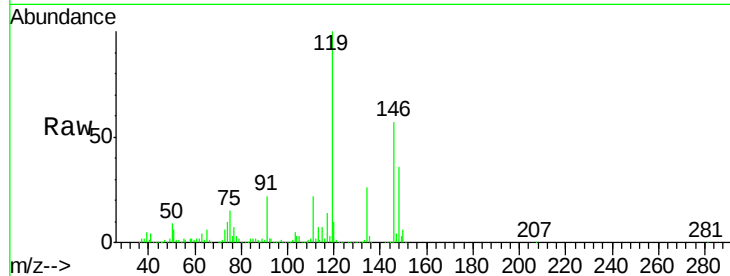
#87
 1,3-Dichlorobenzene
 Concen: 46.352 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.4	55.0
148	64.5	31.9	95.7

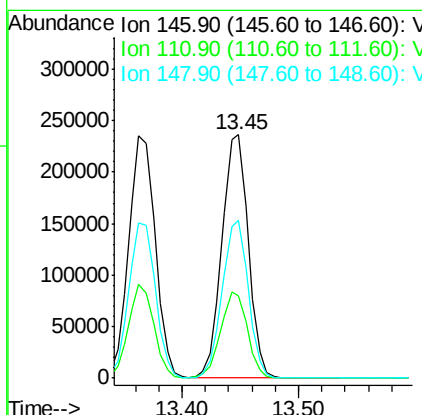
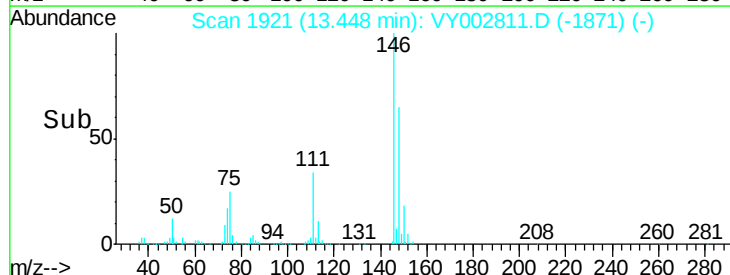
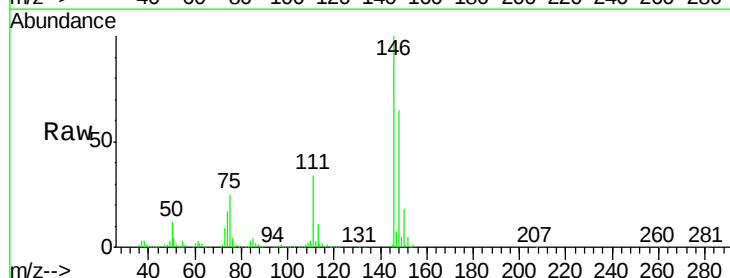
Manual Integrations
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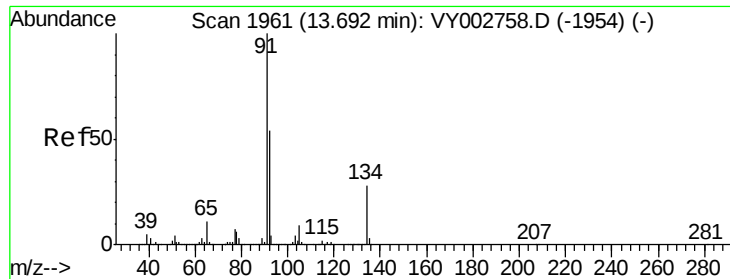
MMDadoda
 6/3/2020 11:31:32 AM



#88
 1,4-Dichlorobenzene
 Concen: 46.398 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.1	54.3
148	64.2	32.1	96.3





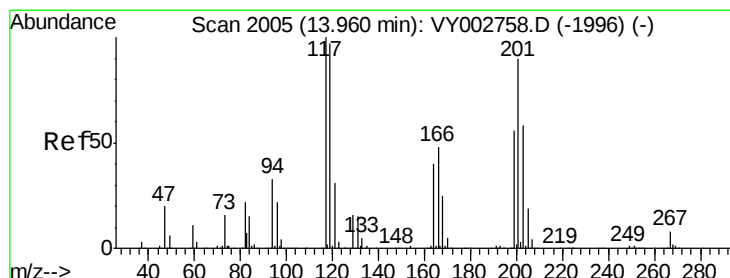
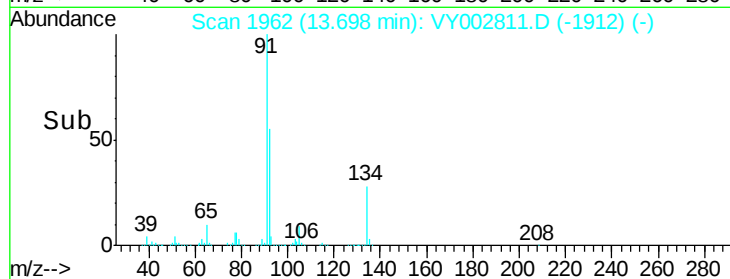
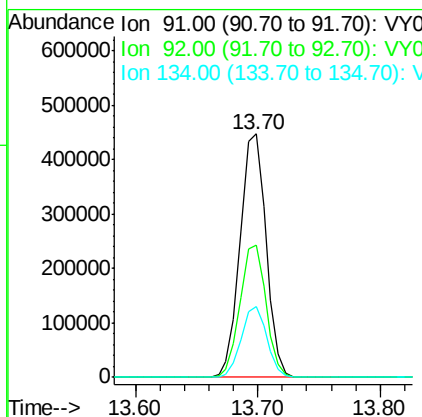
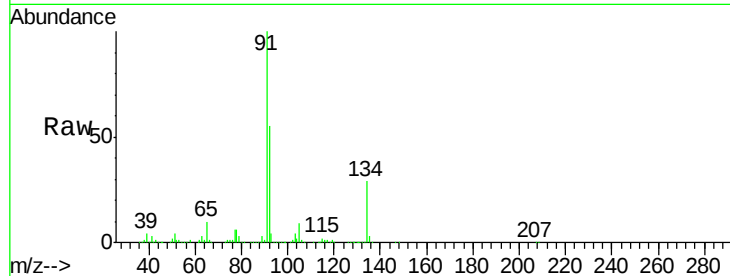
#89
n-Butylbenzene
Concen: 47.450 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.2
134	28.7	14.3	42.9

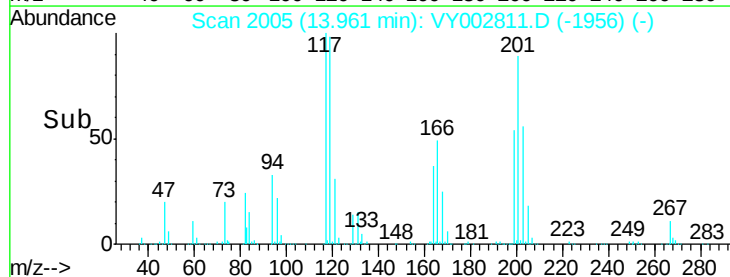
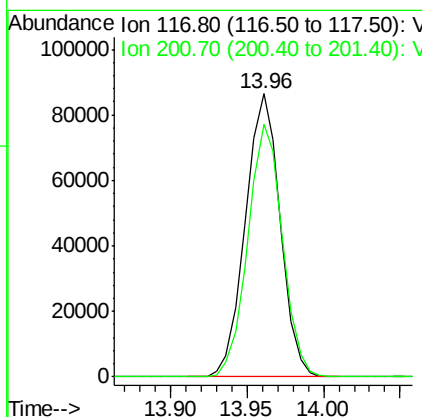
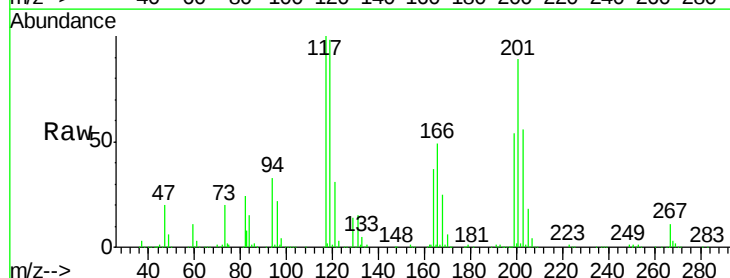
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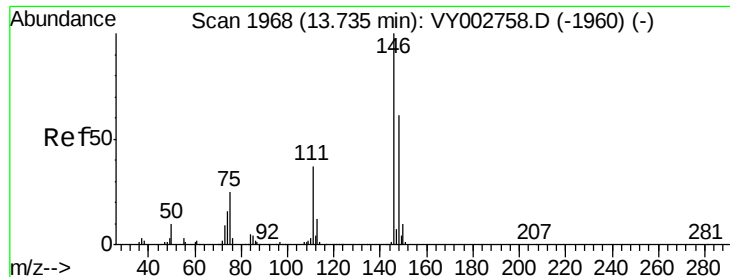
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#90
Hexachloroethane
Concen: 47.747 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.4	43.9	131.6





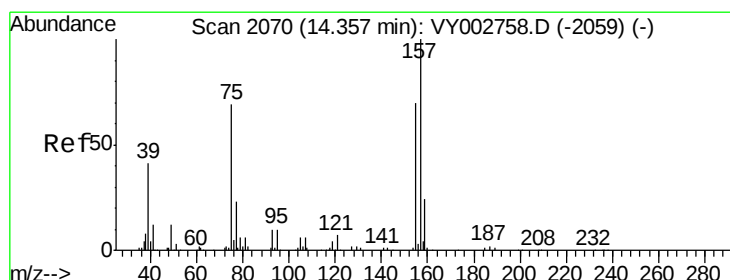
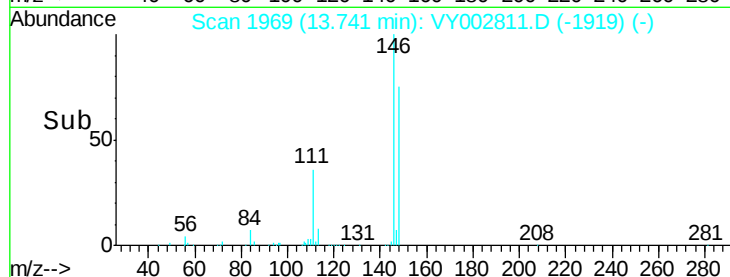
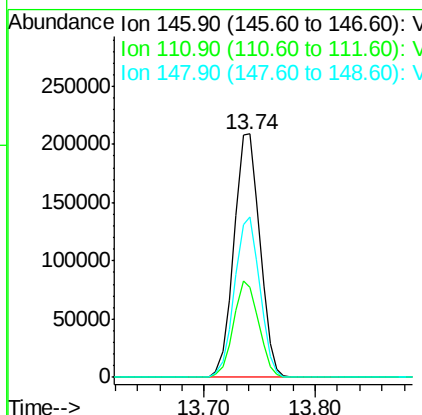
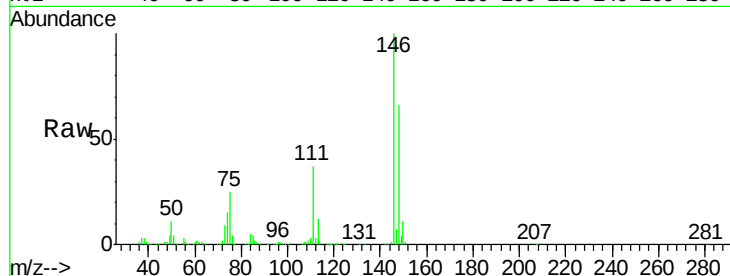
#91
 1,2-Dichlorobenzene
 Concen: 46.600 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	64.4	31.9	95.5

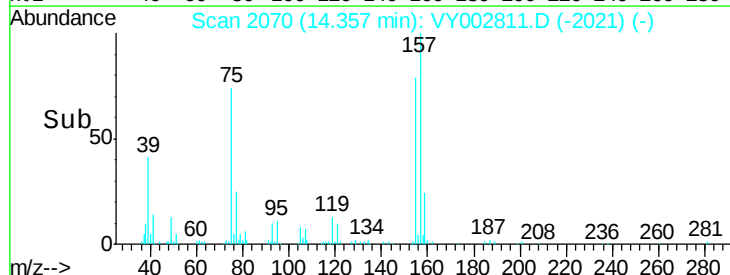
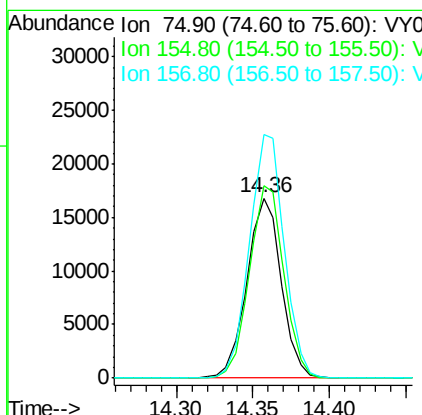
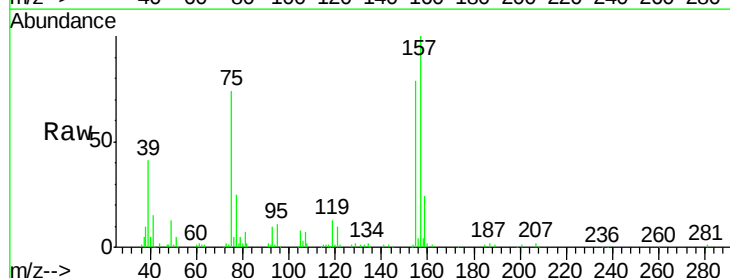
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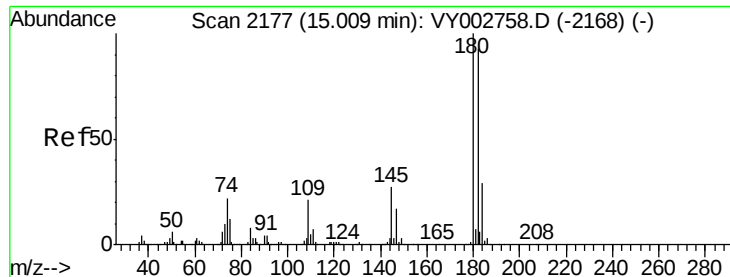
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.215 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.1	53.5	160.5
157	136.9	69.9	209.7





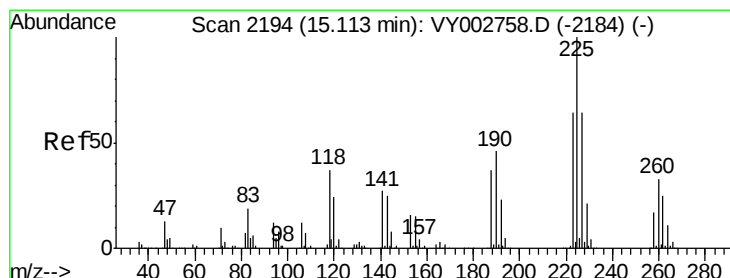
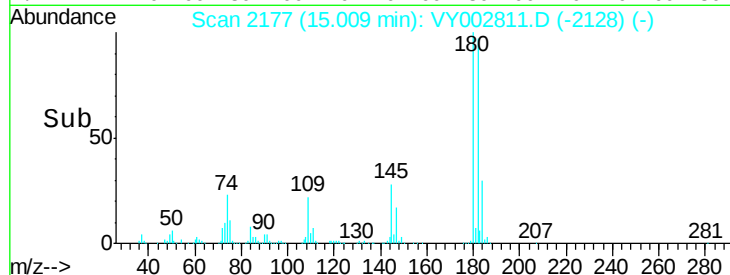
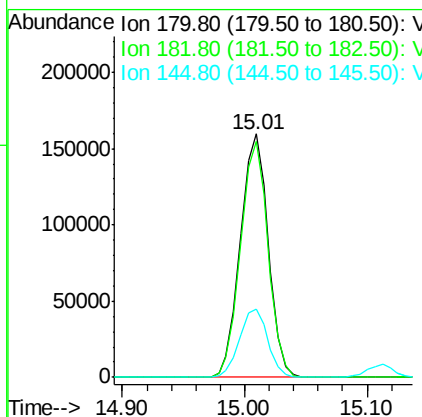
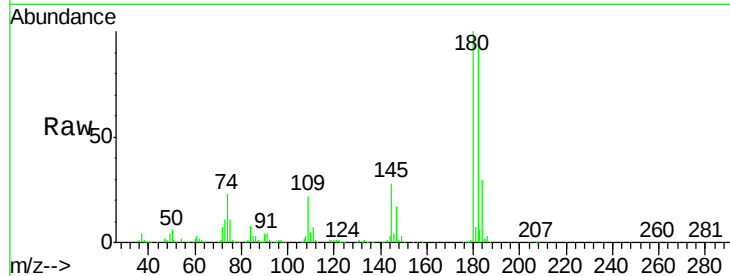
#93
 1,2,4-Trichlorobenzene
 Concen: 46.073 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	250666		
182	96.2	47.3	141.9	
145	28.6	14.1	42.3	

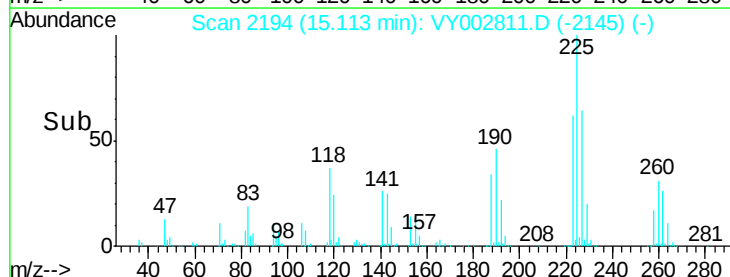
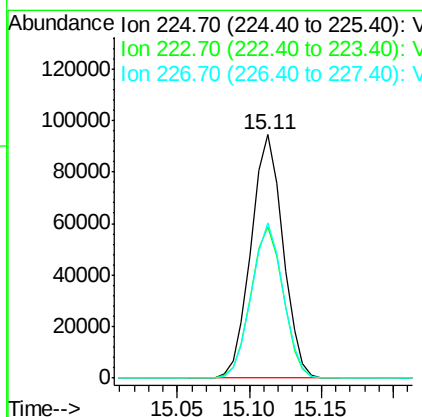
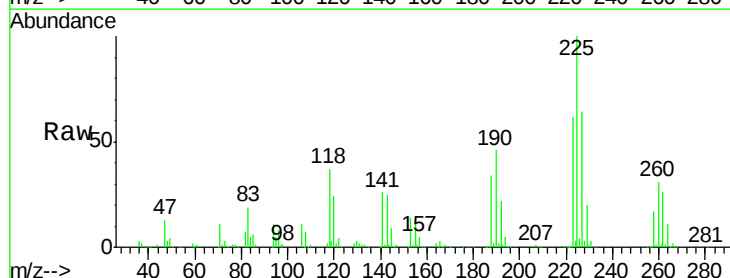
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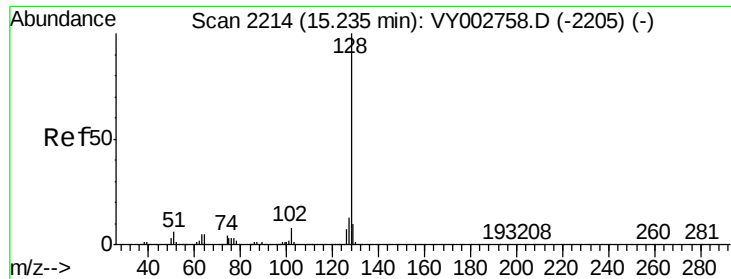
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#94
 Hexachlorobutadiene
 Concen: 46.835 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002811.D
 Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144524		
223	62.9	31.6	95.0	
227	63.2	32.3	96.9	





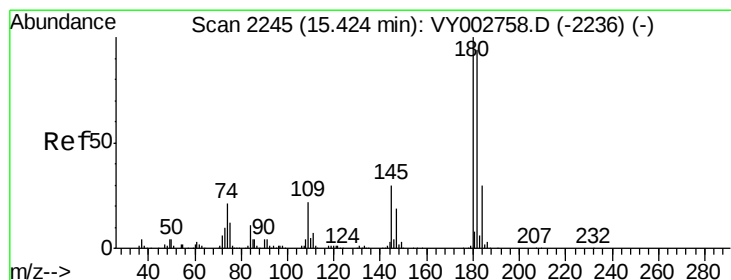
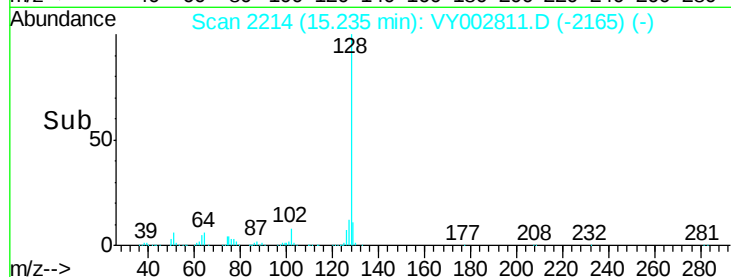
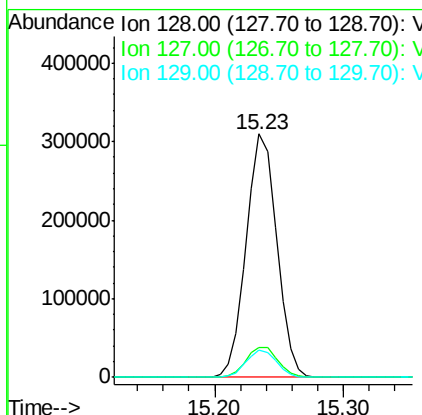
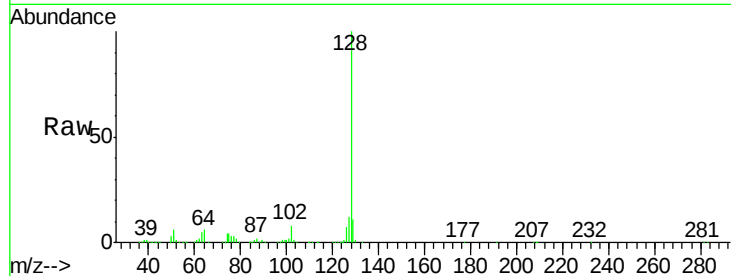
#95
Naphthalene
Concen: 46.538 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	507668		
127	12.8		10.3	15.5
129	11.1		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 46.271 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002811.D
Acq: 02 Jun 2020 10:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	224804		
182	94.7		48.1	144.4
145	30.1		15.1	45.3

