

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070920\
 Data File : VY003141.D
 Acq On : 09 Jul 2020 11:11
 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
 7/10/2020 12:18:30 PM

Quant Time: Jul 10 04:01:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	419023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	588196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	539082	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.47	152	289898	50.00	ug/l	0.05

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	191888	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
35) Dibromofluoromethane	7.73	113	194938	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
50) Toluene-d8	10.19	98	711117	52.02	ug/l	0.01
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	12.50	95	250594	52.08	ug/l	0.02
Spiked Amount	50.000		Recovery	=	104.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	145129	45.733	ug/l	98
3) Chloromethane	2.11	50	205738	44.273	ug/l	99
4) Vinyl Chloride	2.26	62	216369	47.733	ug/l	97
5) Bromomethane	2.65	94	153859	49.992	ug/l	94
6) Chloroethane	2.80	64	142198	49.313	ug/l	96
7) Trichlorofluoromethane	3.13	101	324637	50.742	ug/l	98
8) Diethyl Ether	3.54	74	107627	49.071	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.91	101	201058	52.632	ug/l	99
10) Methyl Iodide	4.10	142	219615	46.362	ug/l	99
11) Tert butyl alcohol	4.96	59	93665	220.840	ug/l	99
12) 1,1-Dichloroethene	3.88	96	183334	50.440	ug/l	92
13) Acrolein	3.74	56	85027	223.209	ug/l	100
14) Allyl chloride	4.49	41	273746	43.136	ug/l	96
15) Acrylonitrile	5.17	53	267171	236.354	ug/l	100
16) Acetone	3.96	43	194512	198.171	ug/l	99
17) Carbon Disulfide	4.20	76	526193	45.311	ug/l	99
18) Methyl Acetate	4.49	43	120082	45.410	ug/l	94
19) Methyl tert-butyl Ether	5.22	73	529904	50.015	ug/l	98
20) Methylene Chloride	4.72	84	213192	48.459	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	207107	50.374	ug/l	95
22) Diisopropyl ether	6.13	45	628381	46.199	ug/l	98
23) Vinyl Acetate	6.07	43	2096624	230.561	ug/l	98
24) 1,1-Dichloroethane	6.03	63	356311	47.956	ug/l	99
25) 2-Butanone	7.00	43	339929	218.018	ug/l	98
26) 2,2-Dichloropropane	6.99	77	332609	49.272	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	234103	50.766	ug/l	94
28) Bromochloromethane	7.35	49	159739	48.319	ug/l	87
29) Tetrahydrofuran	7.36	42	233060	224.775	ug/l	92
30) Chloroform	7.52	83	371319	50.446	ug/l	98
31) Cyclohexane	7.79	56	325730	44.501	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	336430	50.073	ug/l	99
36) 1,1-Dichloropropene	7.92	75	289592	51.113	ug/l	98
37) Ethyl Acetate	7.08	43	159580	46.845	ug/l	96
38) Carbon Tetrachloride	7.91	117	310328	52.644	ug/l	99

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Manual Integrations
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 7/10/2020 12:18:30 PM

Quant Time: Jul 10 04:01:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	364487	51.886	ug/l	99
40) Benzene	8.17	78	803812	51.821	ug/l	100
41) Methacrylonitrile	7.33	41	93198m	51.216	ug/l	
42) 1,2-Dichloroethane	8.25	62	246748	50.284	ug/l	99
43) Isopropyl Acetate	8.28	43	310159	47.893	ug/l	96
44) Trichloroethene	8.95	130	252004	55.896	ug/l	99
45) 1,2-Dichloropropane	9.22	63	209583	50.222	ug/l	97
46) Dibromomethane	9.31	93	122973	52.761	ug/l	98
47) Bromodichloromethane	9.51	83	299179	52.422	ug/l	99
48) Methyl methacrylate	9.30	41	140949	47.816	ug/l	94
49) 1,4-Dioxane	9.30	88	28276	993.835	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	823051	245.894	ug/l	97
52) Toluene	10.25	92	513646	52.604	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	308528	51.563	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	348016	50.856	ug/l	97
55) 1,1,2-Trichloroethane	10.66	97	173978	53.717	ug/l	99
56) Ethyl methacrylate	10.52	69	245833	52.435	ug/l	95
57) 1,3-Dichloropropane	10.80	76	295165	51.913	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	620165	257.918	ug/l	97
59) 2-Hexanone	10.85	43	569856	243.574	ug/l	97
60) Dibromochloromethane	11.00	129	224216	54.096	ug/l	99
61) 1,2-Dibromoethane	11.10	107	168130	52.656	ug/l	98
64) Tetrachloroethene	10.73	164	278036	60.939	ug/l	97
65) Chlorobenzene	11.53	112	571914	53.804	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.61	131	224747	54.155	ug/l	99
67) Ethyl Benzene	11.61	91	1031403	53.038	ug/l	100
68) m/p-Xylenes	11.72	106	778262	107.531	ug/l	98
69) o-Xylene	12.05	106	370443	54.316	ug/l	97
70) Styrene	12.06	104	633307	54.355	ug/l	98
71) Bromoform	12.23	173	152210	55.004	ug/l	100
73) Isopropylbenzene	12.35	105	1007602	53.108	ug/l	99
74) N-amyl acetate	12.16	43	297481	48.164	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.61	83	195579	51.082	ug/l	100
76) 1,2,3-Trichloropropane	12.66	75	143799m	50.120	ug/l	
77) Bromobenzene	12.63	156	258175	53.073	ug/l	96
78) n-propylbenzene	12.69	91	1207672	52.928	ug/l	99
79) 2-Chlorotoluene	12.78	91	663078	52.063	ug/l	97
80) 1,3,5-Trimethylbenzene	12.84	105	850698	53.433	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	74331m	50.405	ug/l	
82) 4-Chlorotoluene	12.88	91	705519	53.206	ug/l	100
83) tert-Butylbenzene	13.11	119	739224	52.879	ug/l	100
84) 1,2,4-Trimethylbenzene	13.16	105	846939	52.793	ug/l	98
85) sec-Butylbenzene	13.29	105	1038206	53.880	ug/l	99
86) p-Isopropyltoluene	13.41	119	967577	54.192	ug/l	99
87) 1,3-Dichlorobenzene	13.41	146	490943	54.057	ug/l	100
88) 1,4-Dichlorobenzene	13.49	146	477275m	53.294	ug/l	
89) n-Butylbenzene	13.76	91	920082	53.859	ug/l	99
90) Hexachloroethane	14.05	117	178916	50.464	ug/l	100
91) 1,2-Dichlorobenzene	13.80	146	435750	53.476	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	31731	46.816	ug/l	88

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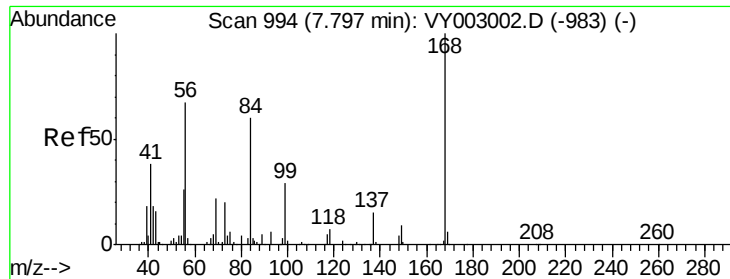
Manual Integrations
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7/10/2020 12:18:30 PM

Quant Time: Jul 10 04:01:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.25	180	317564	52.448	ug/l	100
94) Hexachlorobutadiene	15.37	225	208740m	54.656	ug/l	
95) Naphthalene	15.51	128	555301m	50.212	ug/l	
96) 1,2,3-Trichlorobenzene	15.73	180	263451m	50.108	ug/l	

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



#1

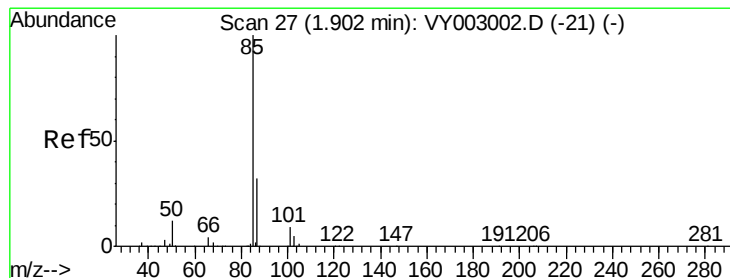
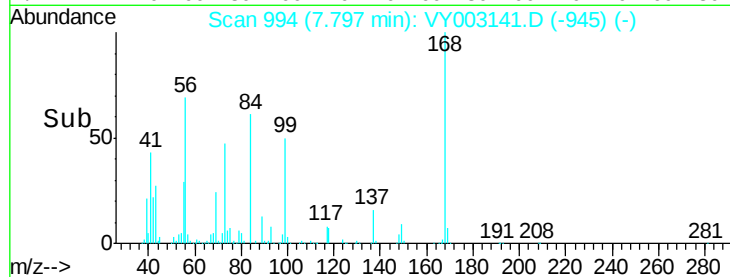
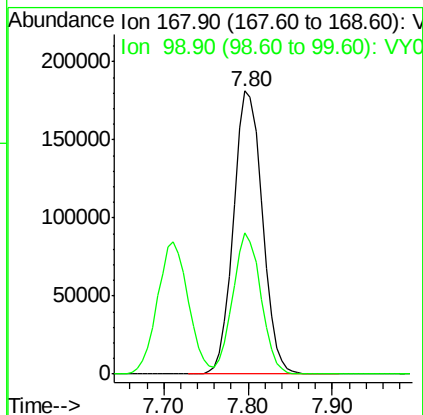
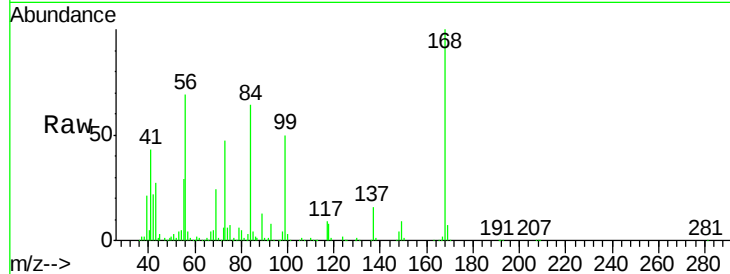
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.9	39.2	58.8

Manual Integrations
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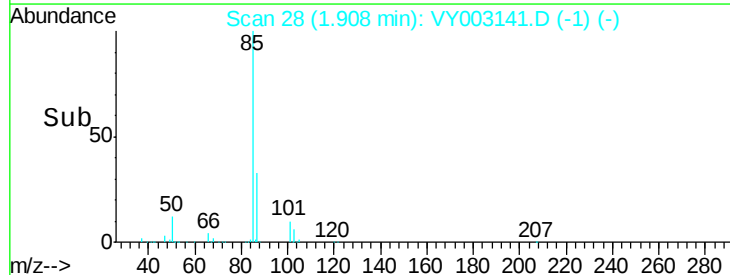
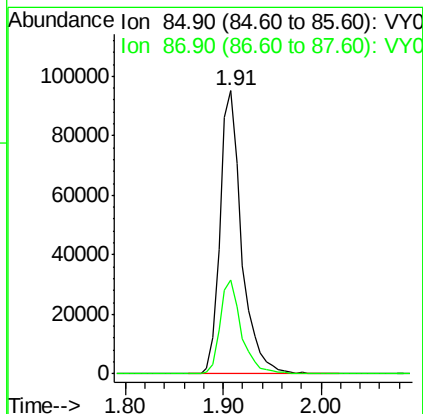
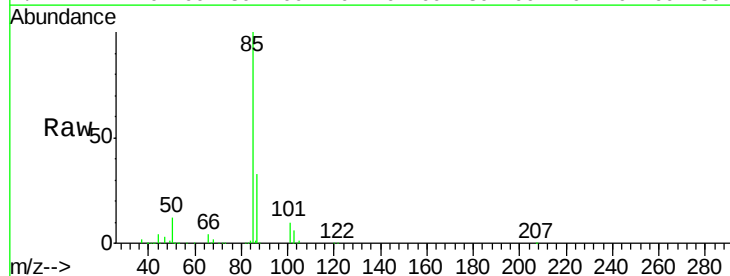
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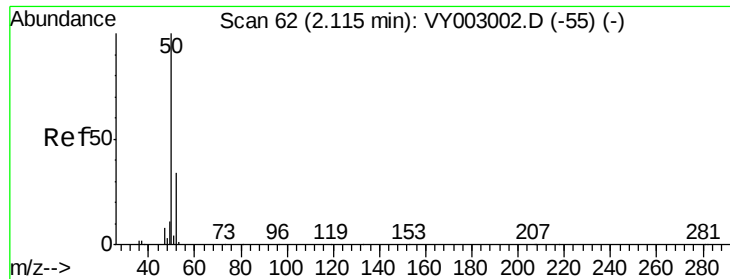


#2

Dichlorodifluoromethane
 Concen: 45.733 ug/l
 RT: 1.91 min Scan# 28
 Delta R.T. 0.01 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.8	47.4





#3

Chloromethane

Concen: 44.273 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 205738

Ion Ratio Lower Upper

50 100

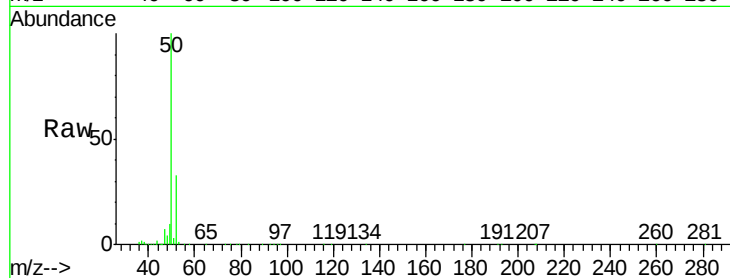
52 33.0 26.9 40.3

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.11

150000

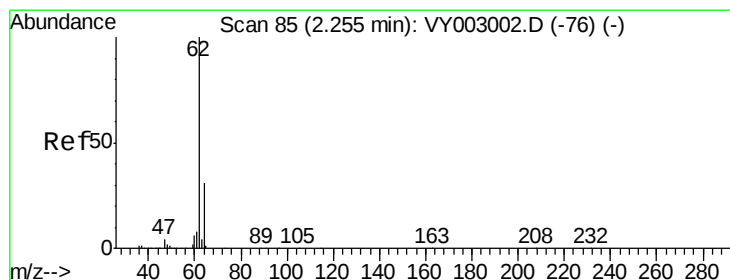
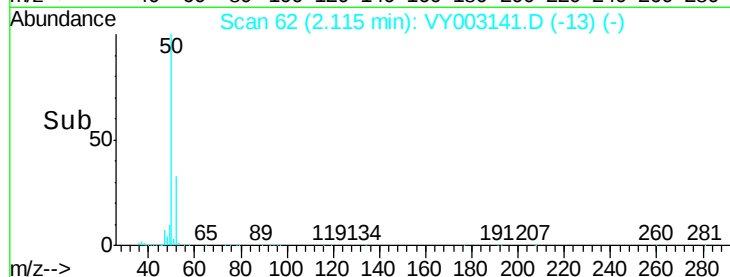
100000

50000

0

2.10 2.20

Time-->



#4

Vinyl Chloride

Concen: 47.733 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003141.D

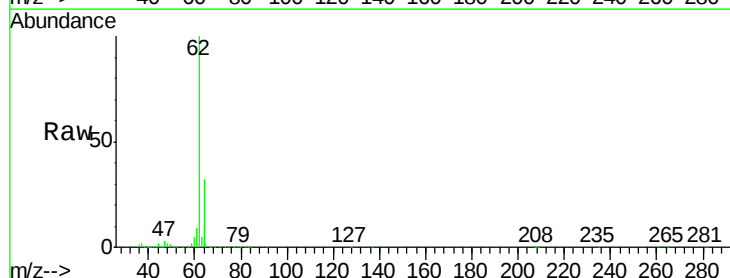
Acq: 09 Jul 2020 11:11

Tgt Ion: 62 Resp: 216369

Ion Ratio Lower Upper

62 100

64 32.1 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

150000

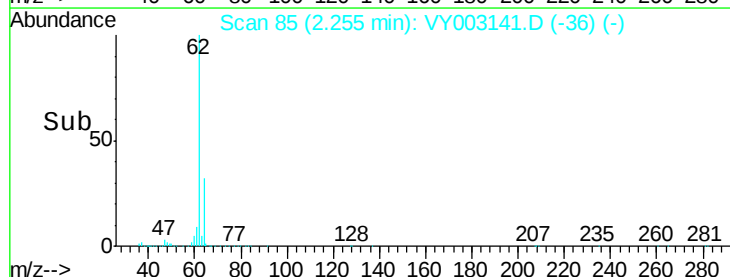
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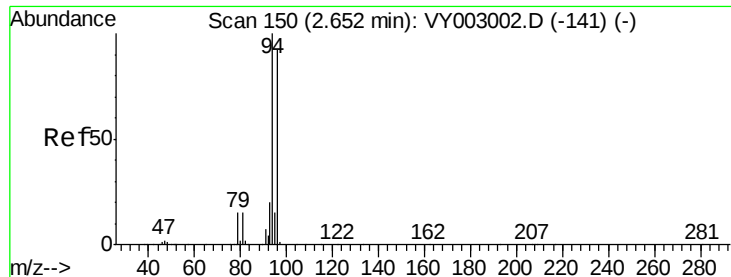
50000

0

2.20 2.30 2.40

Time-->





#5

Bromomethane

Concen: 49.992 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 153859

Ion Ratio Lower Upper

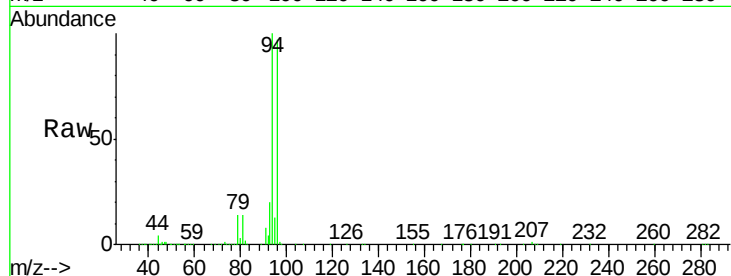
94 100

96 97.1 73.4 110.2

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

80000

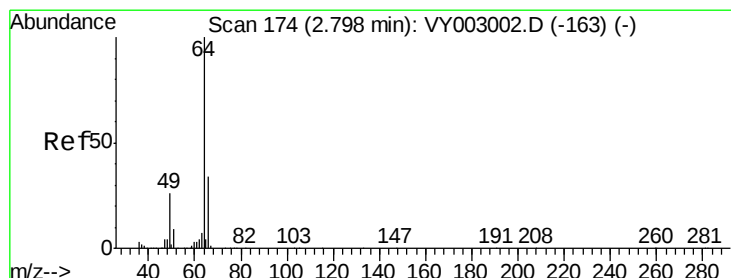
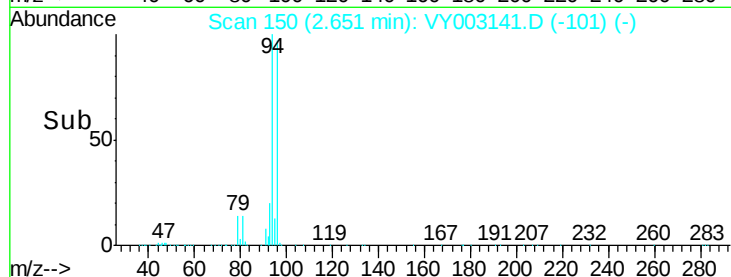
60000

40000

20000

0

Time--> 2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 49.313 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003141.D

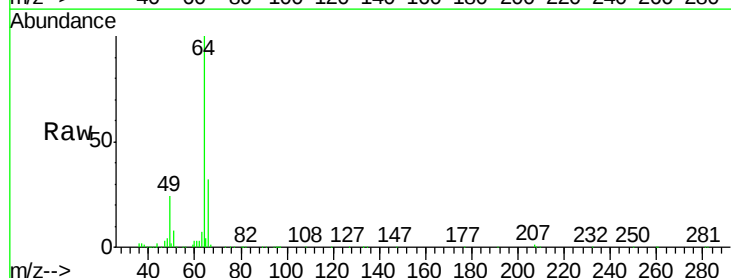
Acq: 09 Jul 2020 11:11

Tgt Ion: 64 Resp: 142198

Ion Ratio Lower Upper

64 100

66 31.7 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

80000

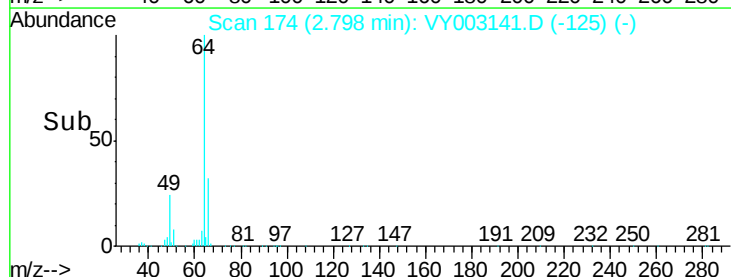
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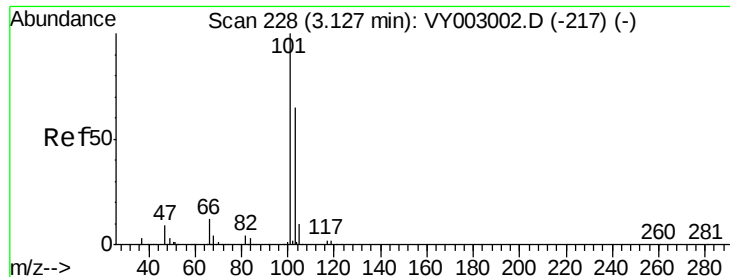
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20000

0

Time--> 2.70 2.80 2.90





#7

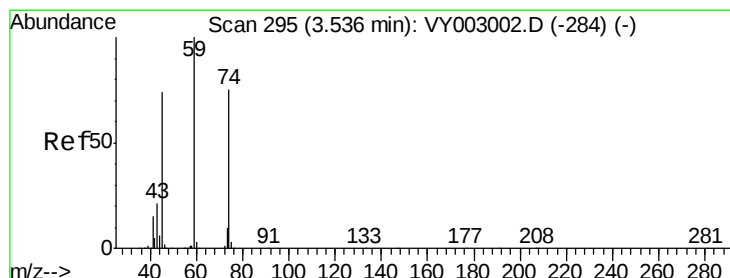
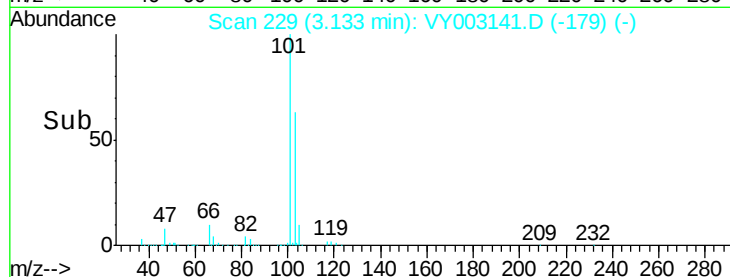
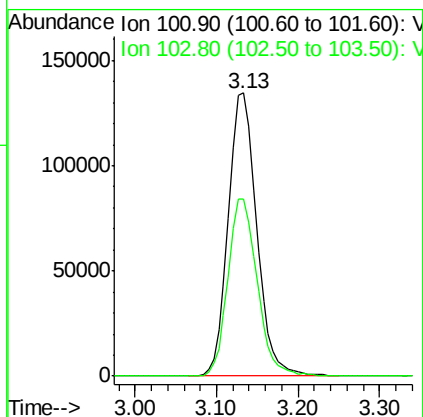
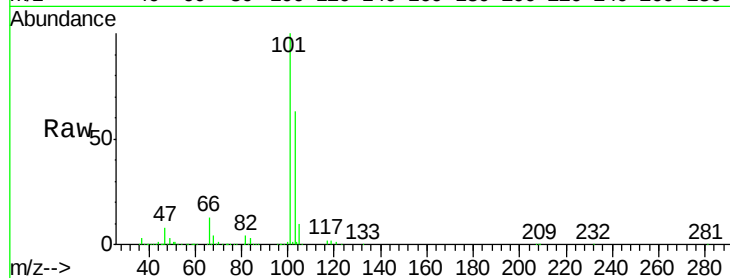
Trichlorofluoromethane
 Concen: 50.742 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		324637		
103	62.7	51.6	77.4		

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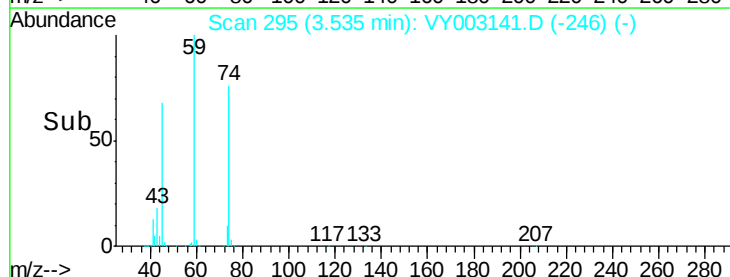
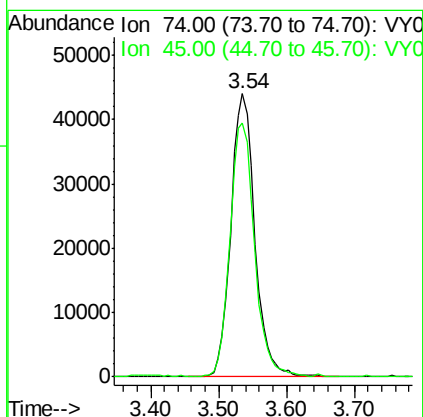
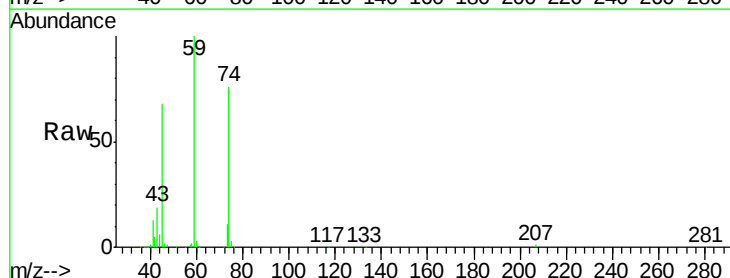
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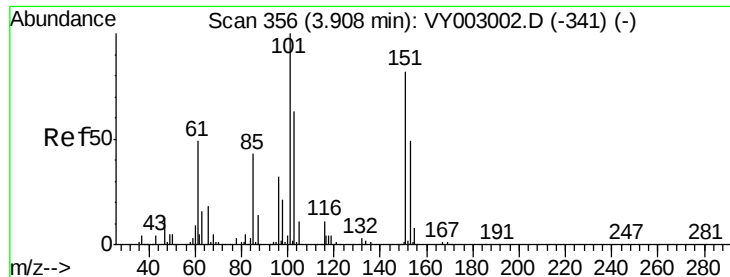


#8

Diethyl Ether
 Concen: 49.071 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		107627		
45	91.1	49.3	147.9		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.632 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Instrument :

MSVOA_Y

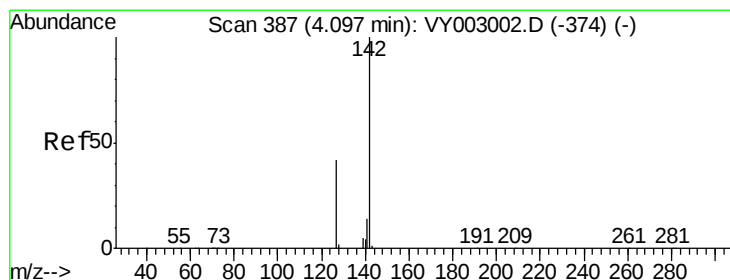
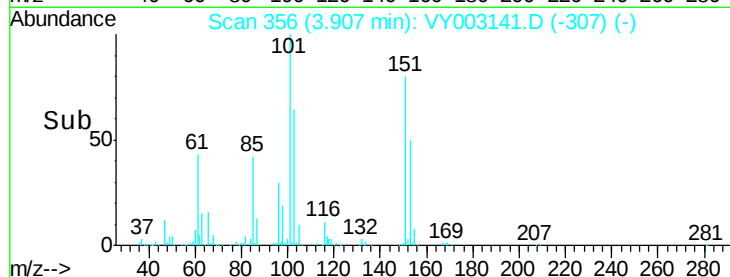
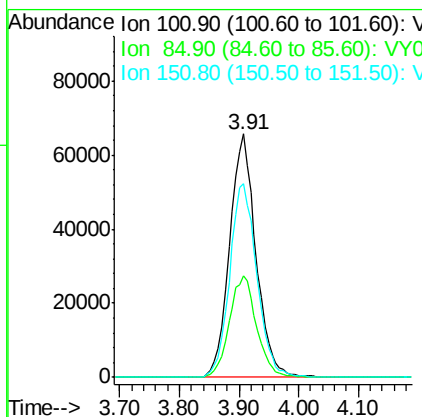
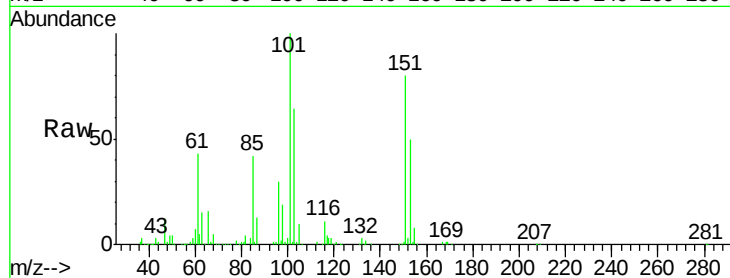
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	201058
Ion Ratio		Lower	Upper
101	100		
85	43.0	35.5	53.3
151	82.5	65.5	98.3

Manual Integrations
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7/10/2020 12:18:30 PM



#10

Methyl Iodide

Concen: 46.362 ug/l

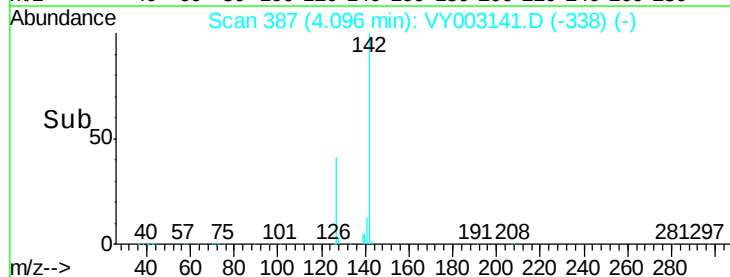
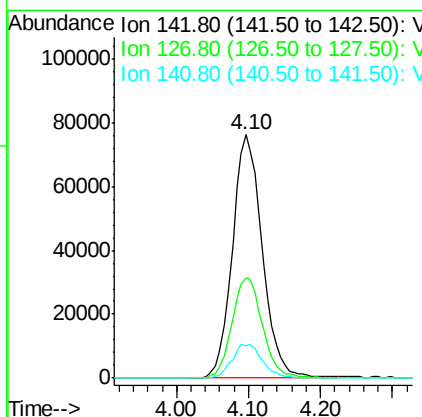
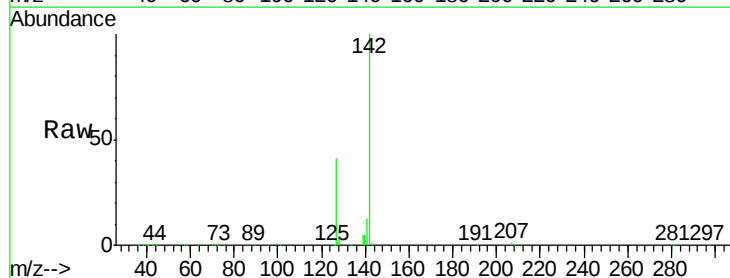
RT: 4.10 min Scan# 387

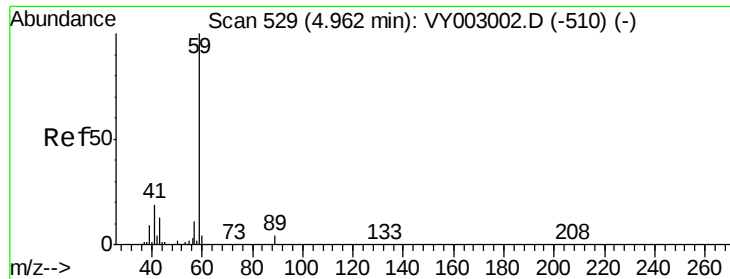
Delta R.T. -0.00 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Tgt Ion:	142	Resp:	219615
Ion Ratio		Lower	Upper
142	100		
127	42.1	34.2	51.2
141	14.1	11.7	17.5





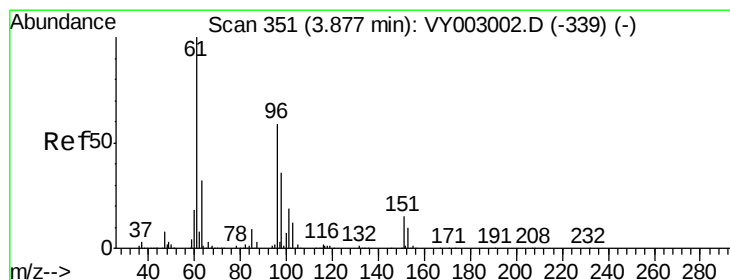
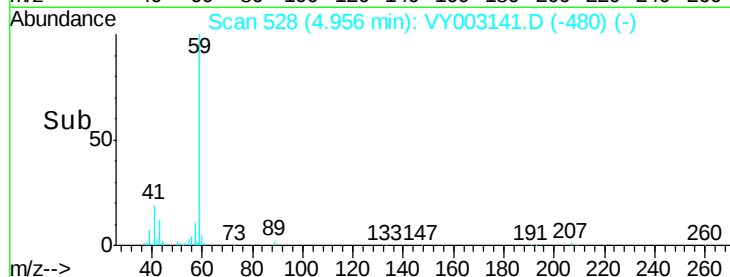
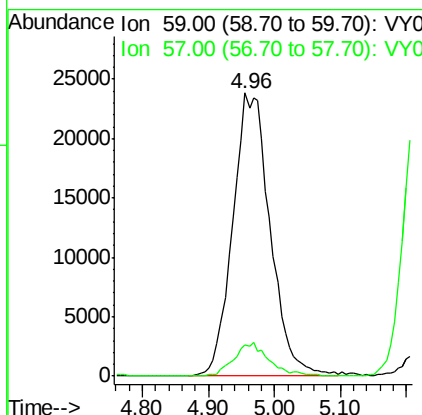
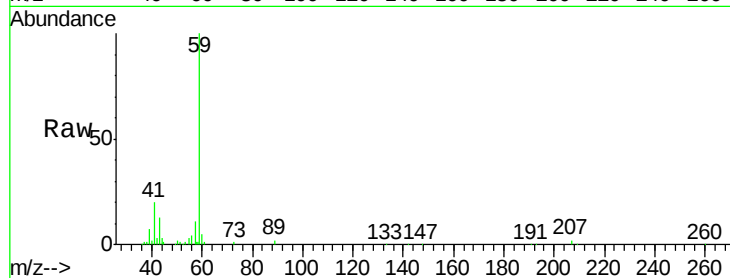
#11
Tert butyl alcohol
Concen: 220.840 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100			
57	57	10.4	8.0	12.0	

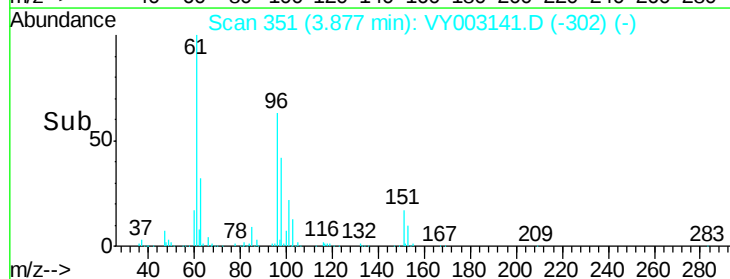
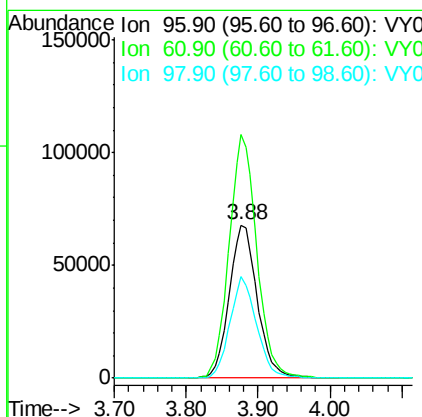
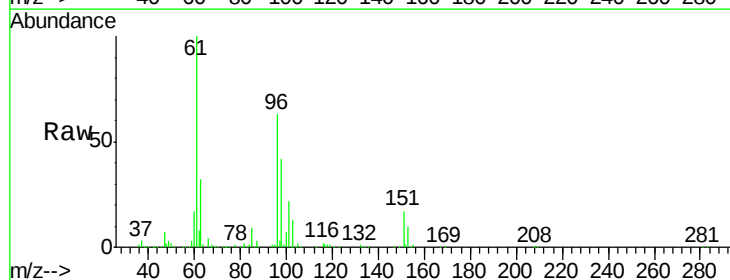
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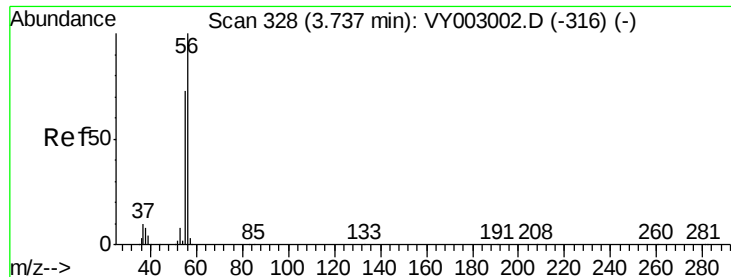
MMDadoda
7/10/2020 12:18:30 PM



#12
1,1-Dichloroethene
Concen: 50.440 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100			
61	61	159.3	136.7	205.1	
98	98	66.4	49.7	74.5	





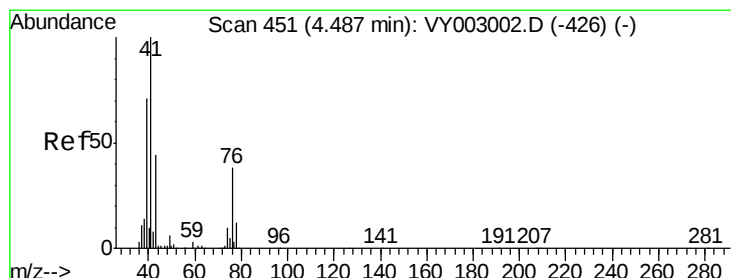
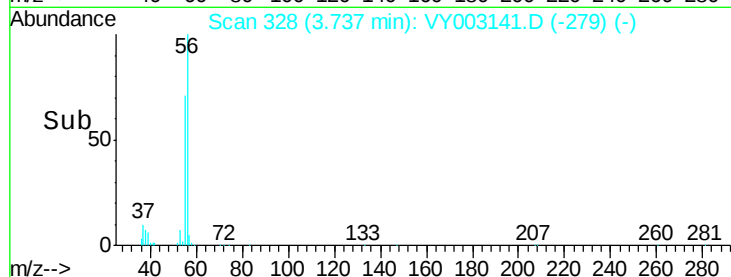
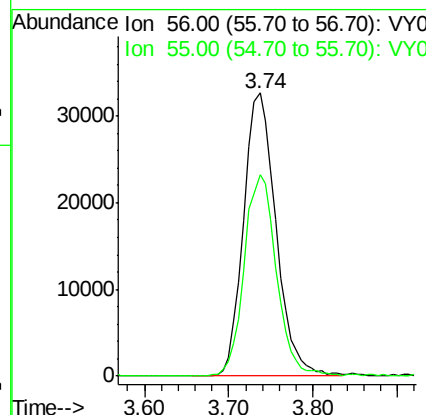
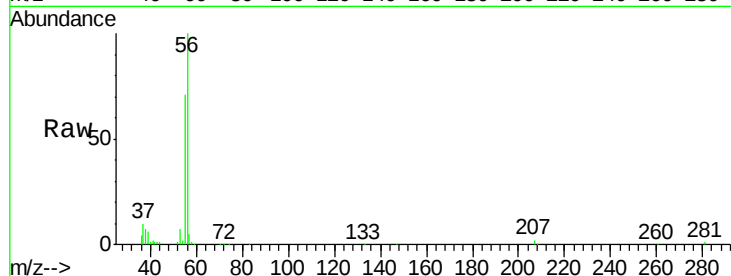
#13
Acrolein
Concen: 223.209 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	85027
Ion Ratio	100	Lower	Upper
55	70.5	56.4	84.6

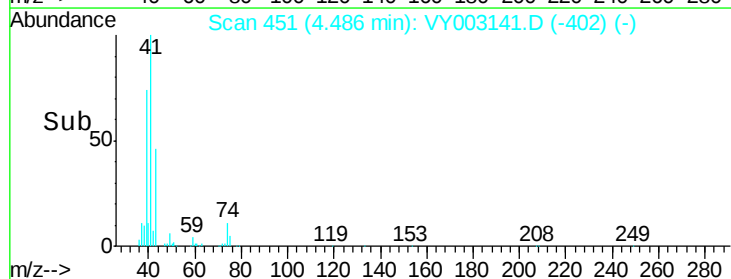
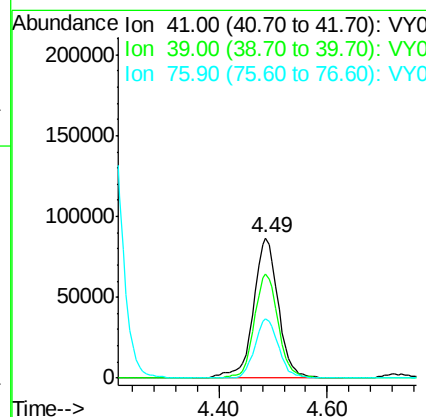
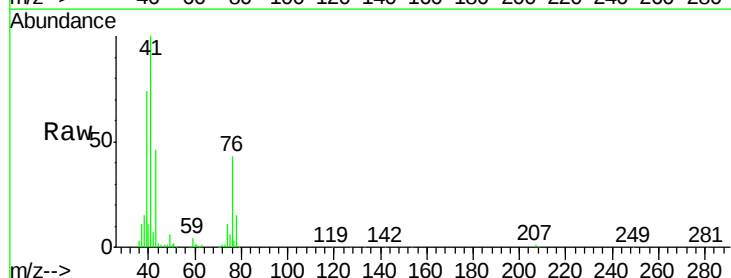
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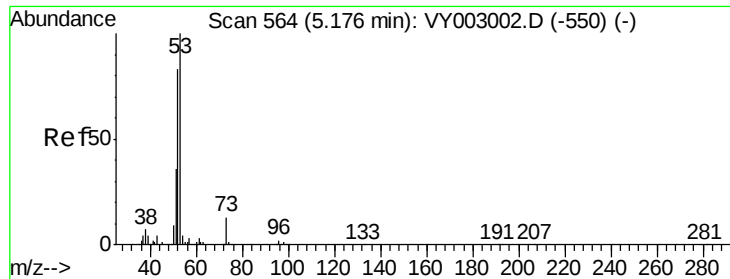
MMDadoda
7/10/2020 12:18:30 PM



#14
Allyl chloride
Concen: 43.136 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Tgt Ion	41	Resp	273746
Ion Ratio	100	Lower	Upper
39	71.7	55.6	83.4
76	40.4	28.6	43.0





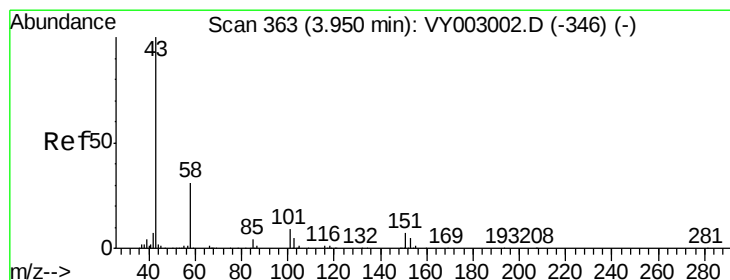
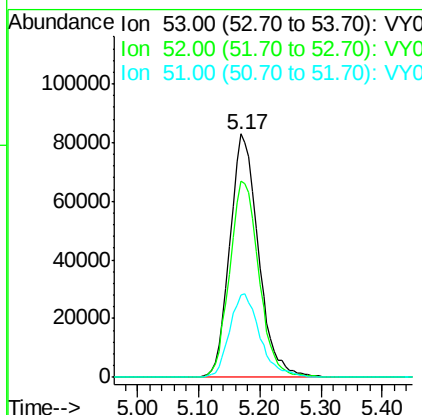
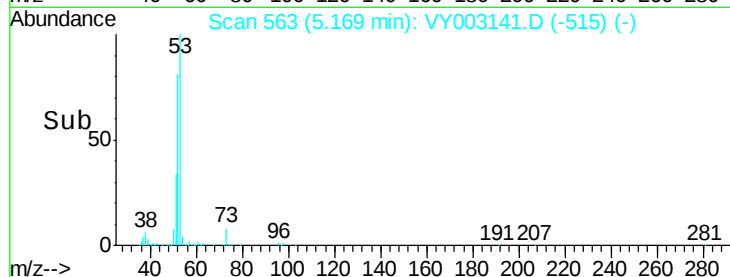
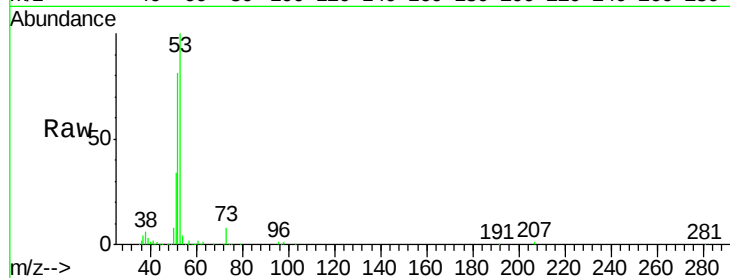
#15
 Acrylonitrile
 Concen: 236.354 ug/l
 RT: 5.17 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	267171
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.2	99.2
51	36.5	29.5	44.3

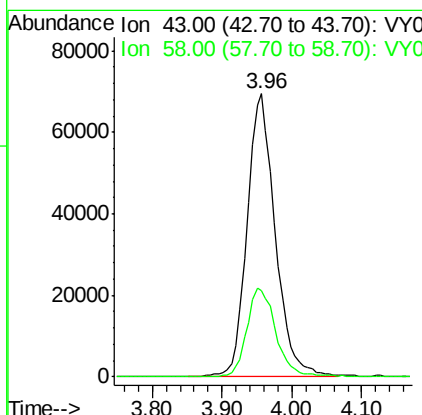
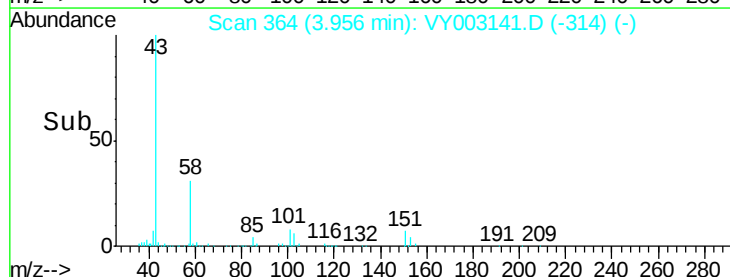
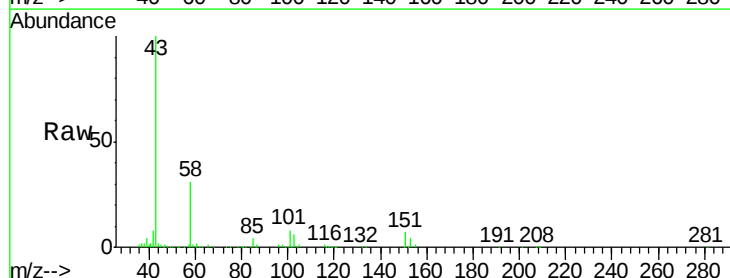
Manual Integrations
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#16
 Acetone
 Concen: 198.171 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Tgt Ion:	43	Resp:	194512
Ion Ratio	Lower	Upper	
43	100		
58	30.5	24.7	37.1





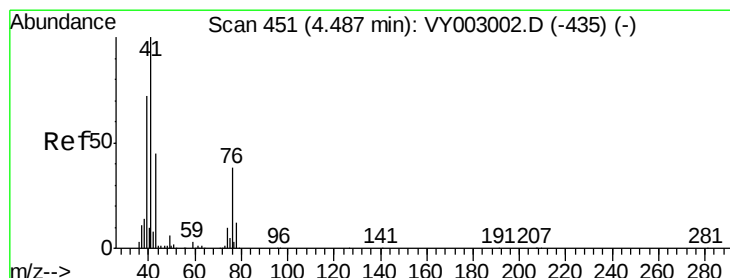
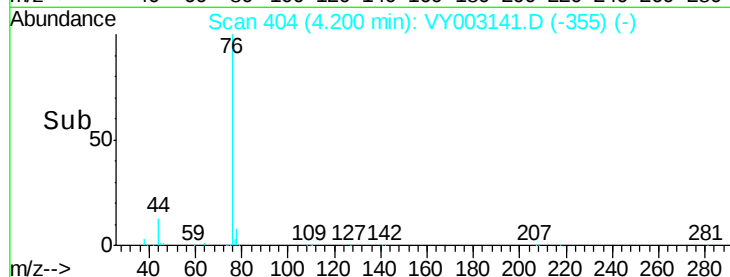
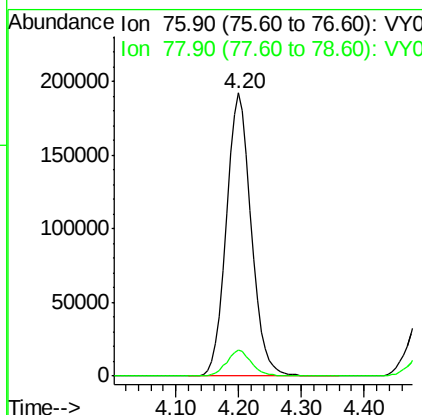
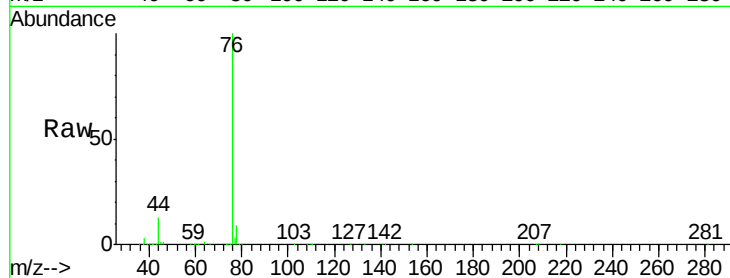
#17
Carbon Disulfide
Concen: 45.311 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

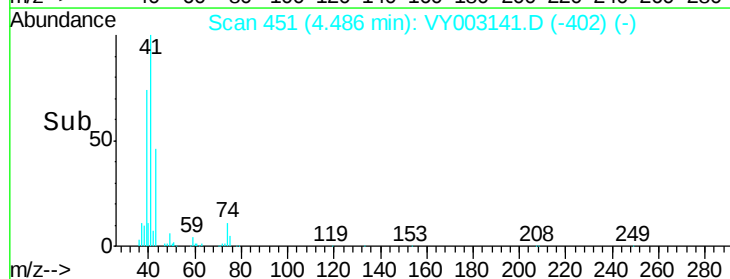
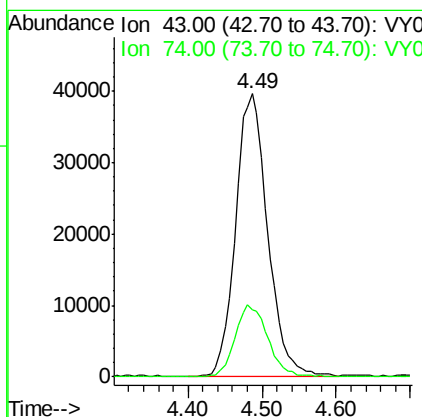
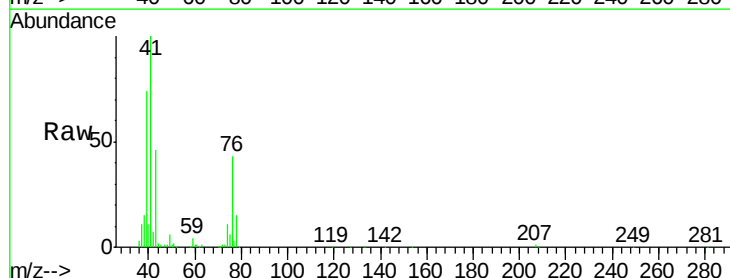
Manual Integrations
APPROVED

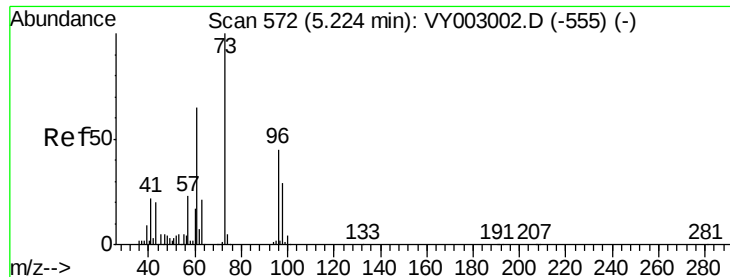
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#18
Methyl Acetate
Concen: 45.410 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	18.2	27.4





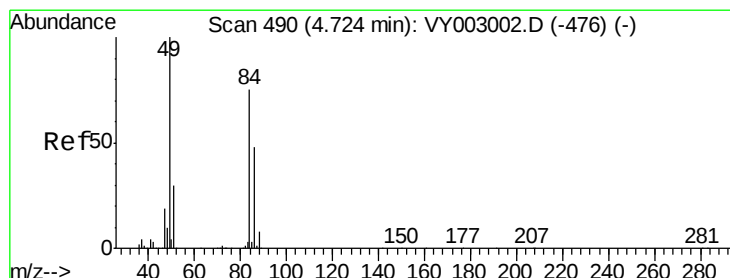
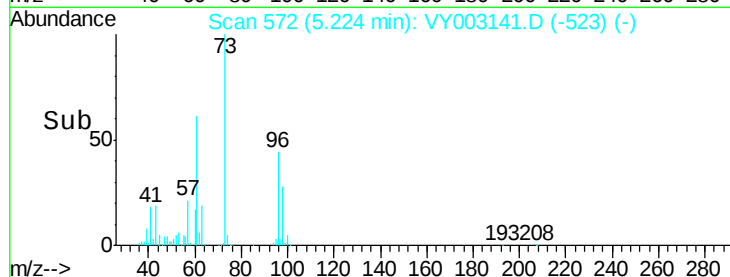
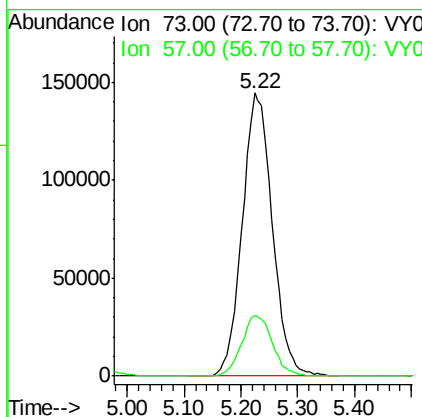
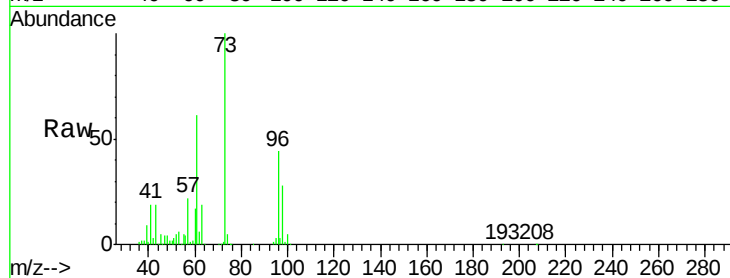
#19
Methvl tert-butvl Ether
Concen: 50.015 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 529904
Ion Ratio Lower Upper
73 100
57 21.6 18.2 27.2

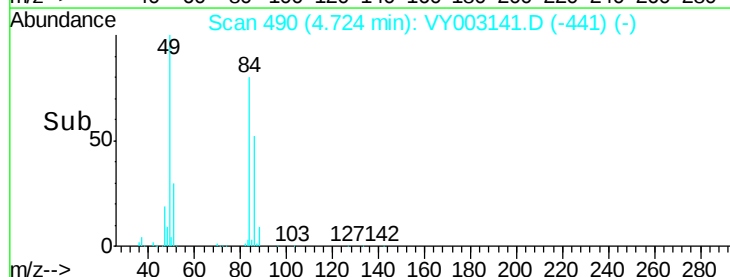
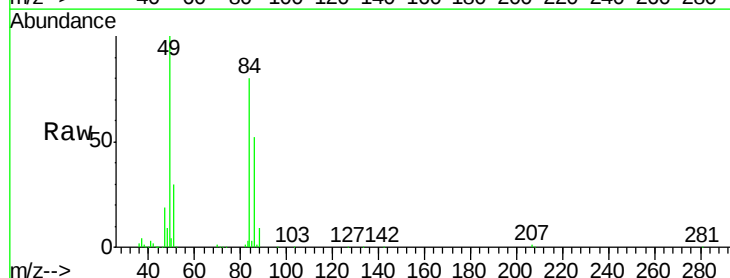
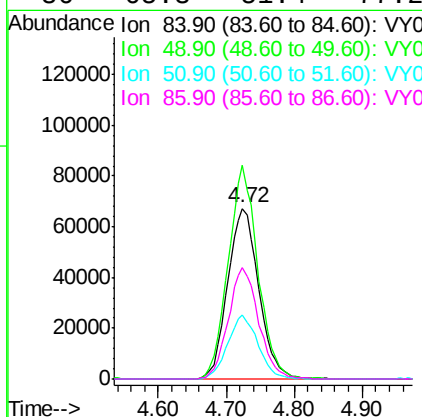
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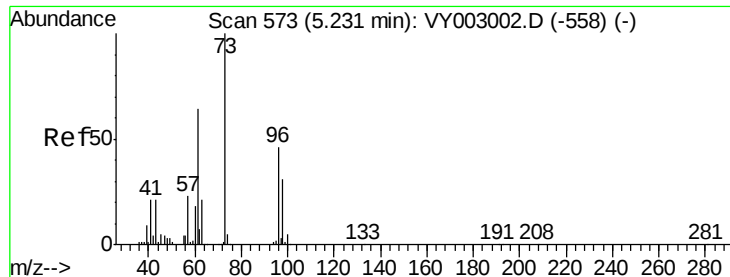
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#20
Methylene Chloride
Concen: 48.459 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Tgt Ion: 84 Resp: 213192
Ion Ratio Lower Upper
84 100
49 125.2 106.8 160.2
51 37.3 32.0 48.0
86 65.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 50.374 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Instrument :

MSVOA_Y

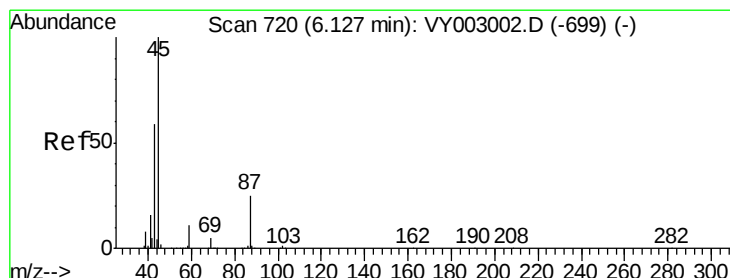
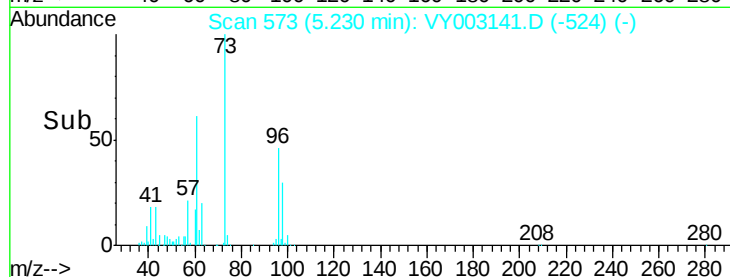
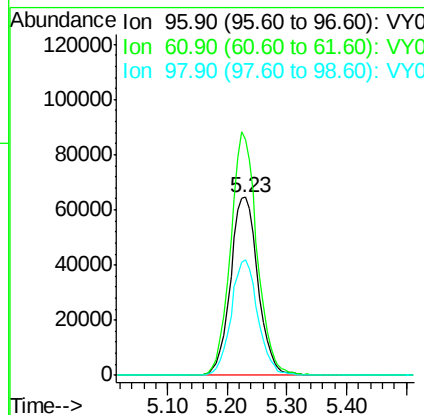
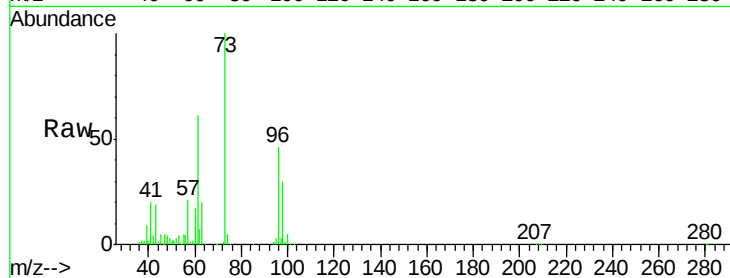
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	207107
Ion	Ratio	Lower	Upper
96	100		
61	132.9	112.3	168.5
98	64.7	53.8	80.8

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#22

Diisopropyl ether

Concen: 46.199 ug/l

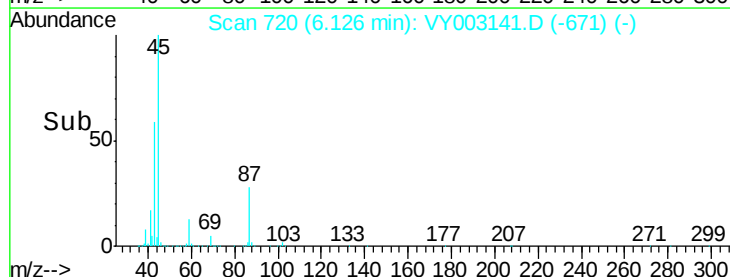
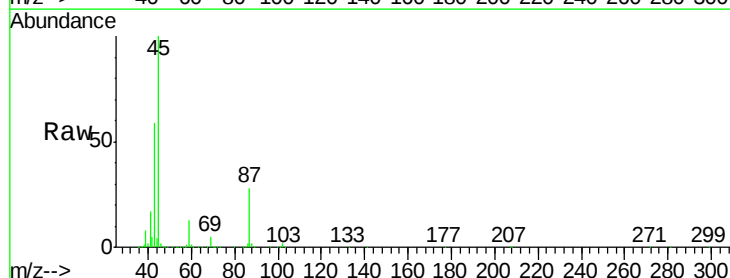
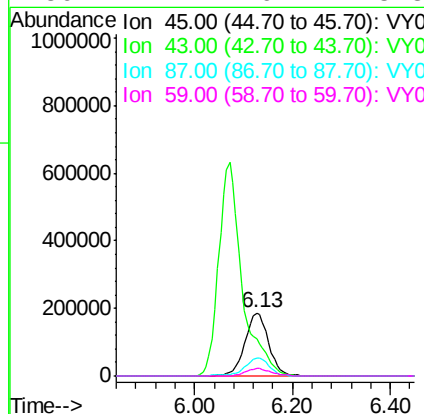
RT: 6.13 min Scan# 720

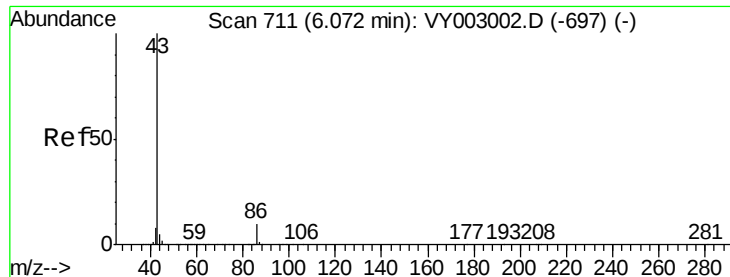
Delta R.T. -0.00 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Tgt Ion:	45	Resp:	628381
Ion	Ratio	Lower	Upper
45	100		
43	59.3	47.4	71.2
87	27.8	20.2	30.2
59	12.7	9.2	13.8





#23

Vinyl Acetate

Concen: 230.561 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2096624

Ion Ratio Lower Upper

43 100

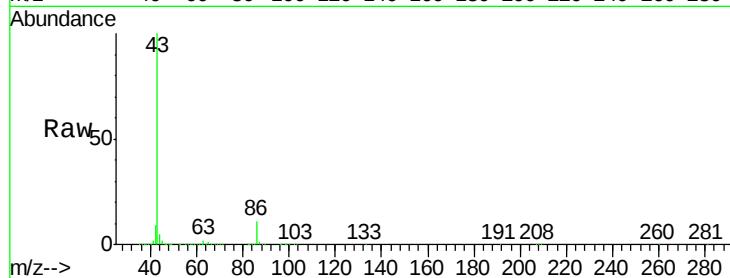
86 11.0 8.1 12.1

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

600000

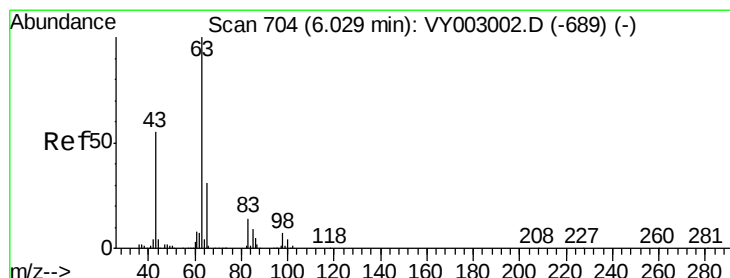
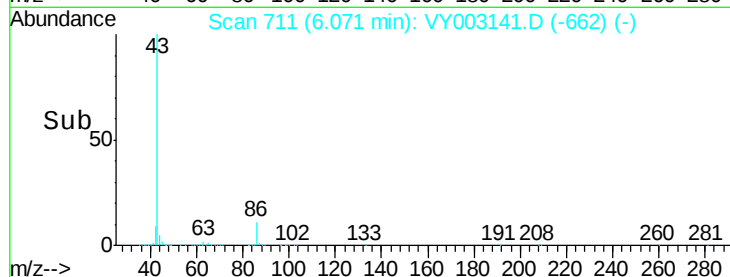
400000

200000

0

5.90 6.00 6.10 6.20 6.30

Time-->



#24

1,1-Dichloroethane

Concen: 47.956 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

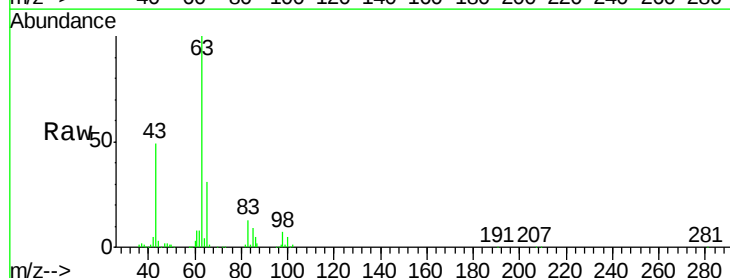
Tgt Ion: 63 Resp: 356311

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

100 4.5 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

150000

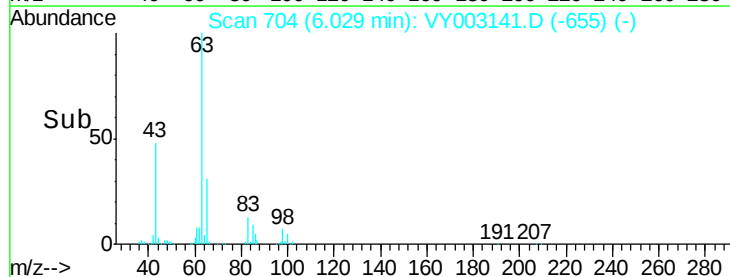
100000

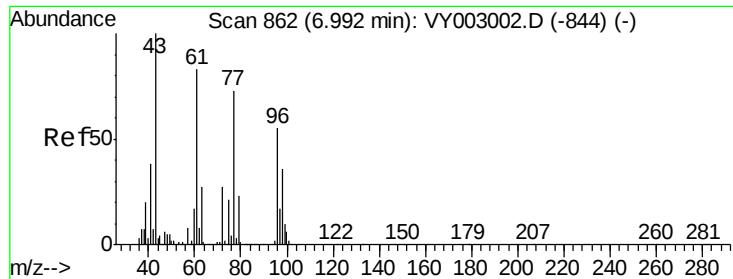
50000

0

5.90 6.00 6.10 6.20

Time-->





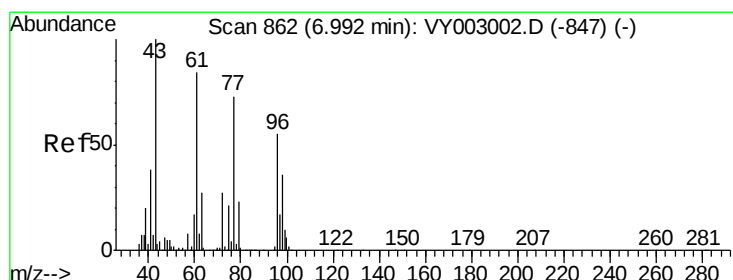
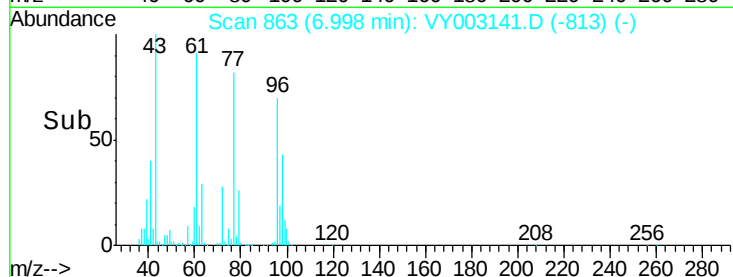
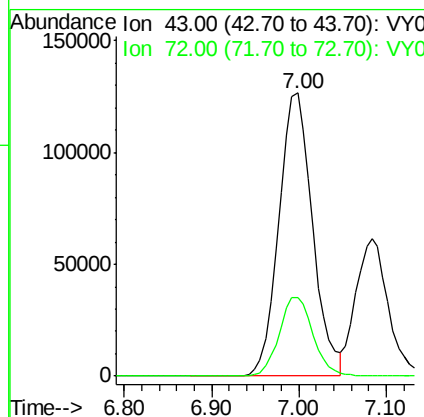
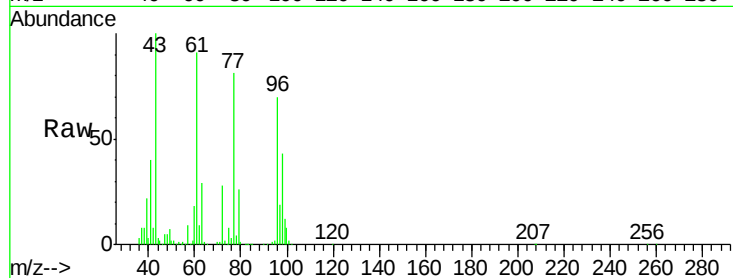
#25
2-Butanone
Concen: 218.018 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
72	27.9	21.4	32.0

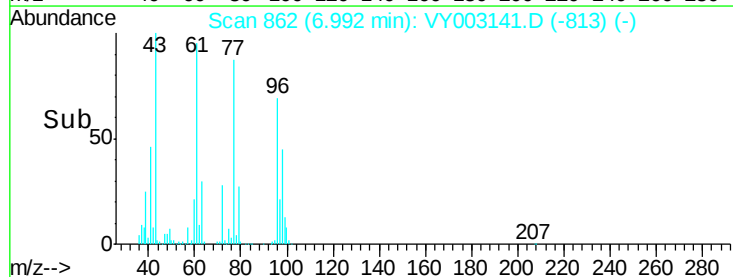
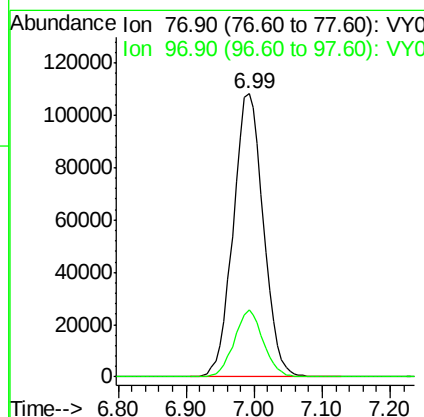
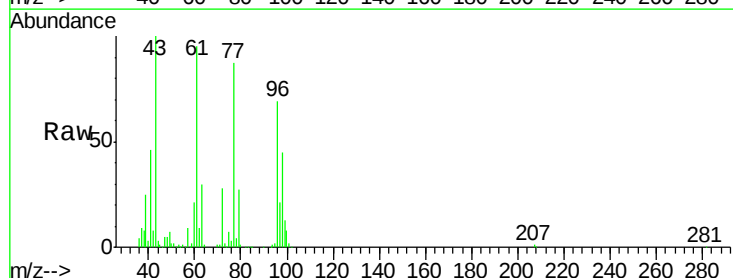
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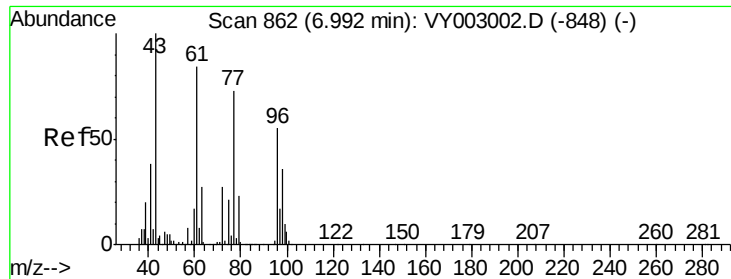
MMDadoda
7/10/2020 12:18:30 PM



#26
2,2-Dichloropropane
Concen: 49.272 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
77	100		
97	22.8	11.3	33.9





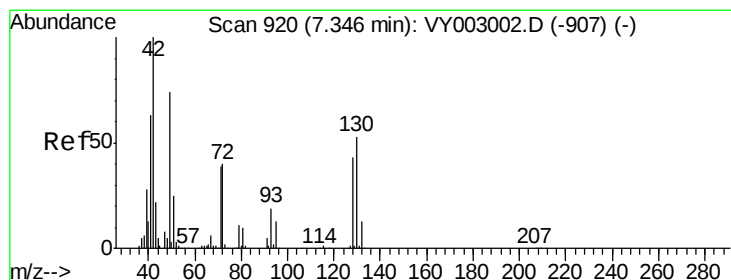
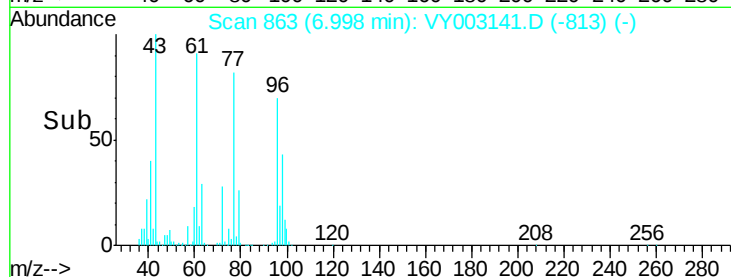
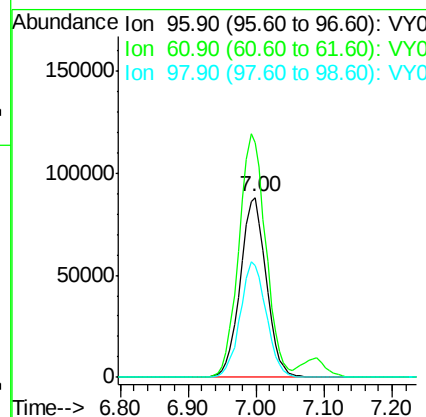
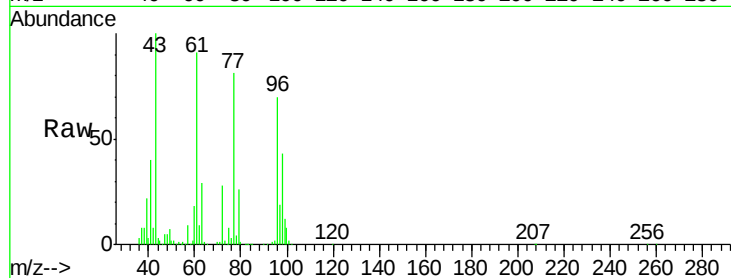
#27
 cis-1,2-Dichloroethene
 Concen: 50.766 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.1	0.0	301.2
98	64.3	0.0	129.0

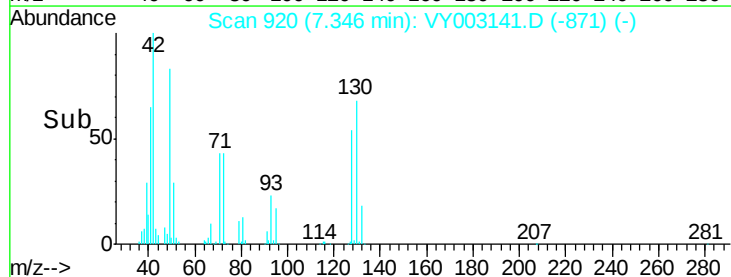
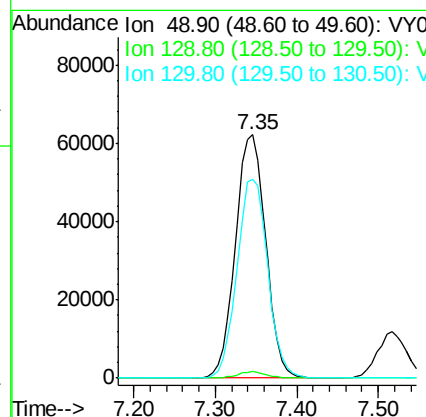
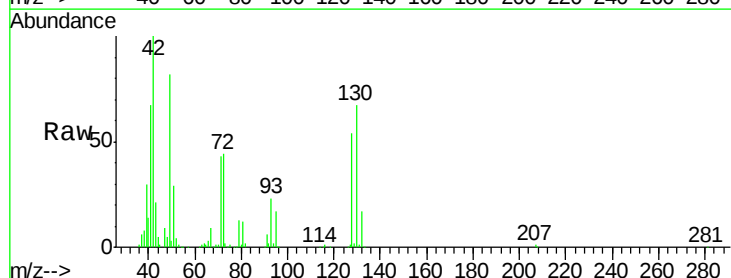
Manual Integrations
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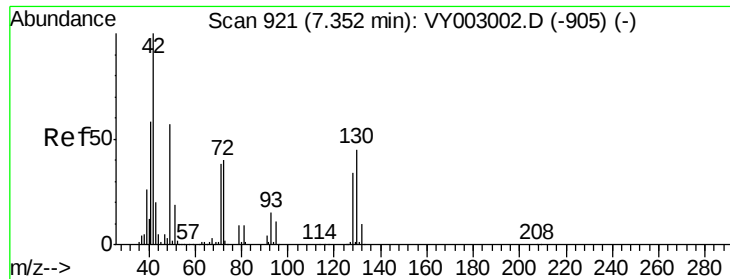
MMDadoda
 7/10/2020 12:18:30 PM



#28
 Bromochloromethane
 Concen: 48.319 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	82.6	57.0	85.6





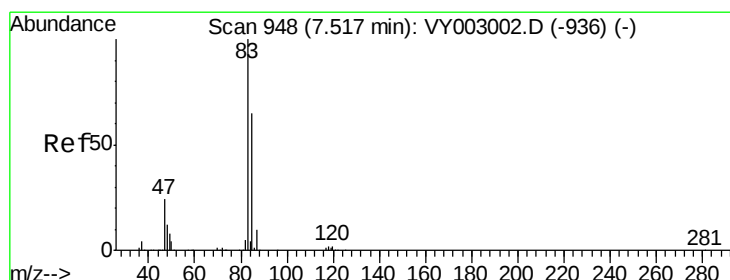
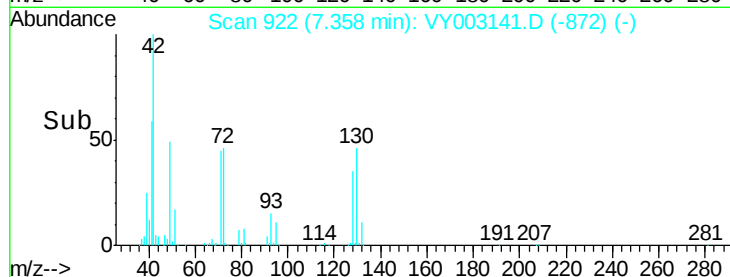
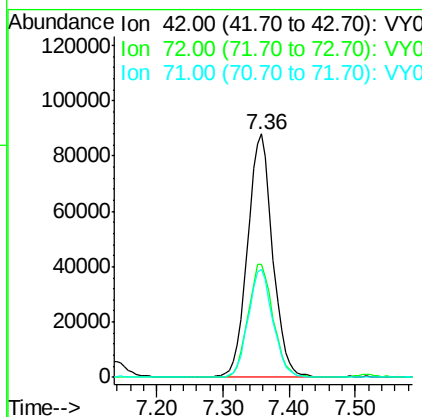
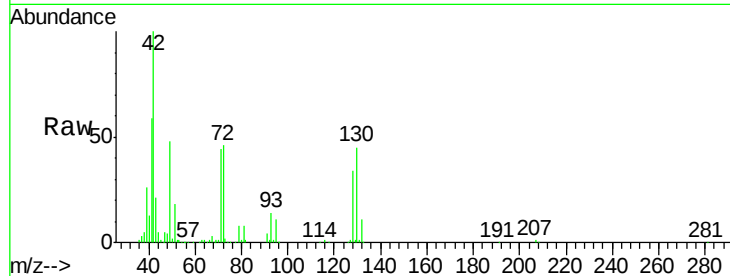
#29
Tetrahydrofuran
Concen: 224.775 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	32.9	49.3
71	43.5	31.2	46.8

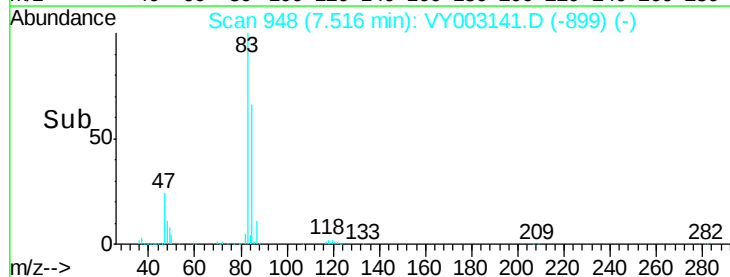
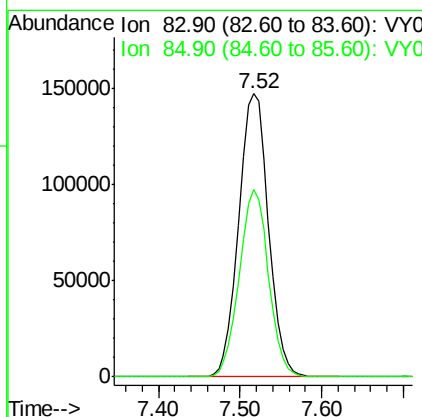
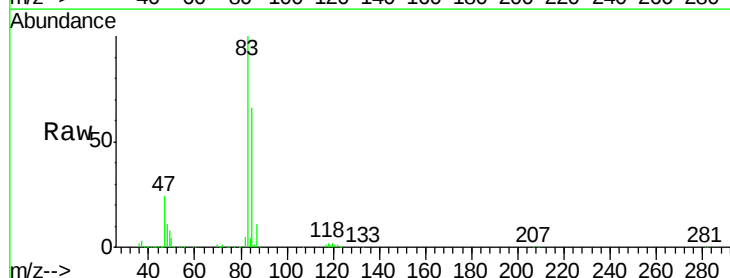
Manual Integrations
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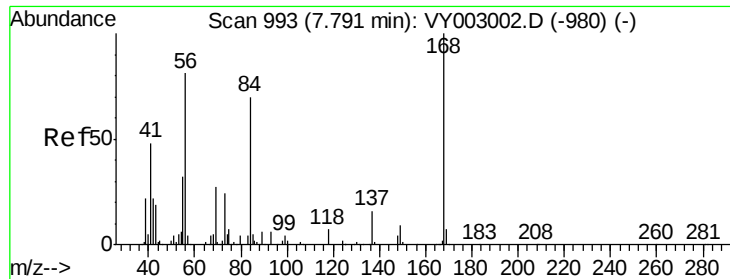
MMDadoda
7/10/2020 12:18:30 PM



#30
Chloroform
Concen: 50.446 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.7	77.5





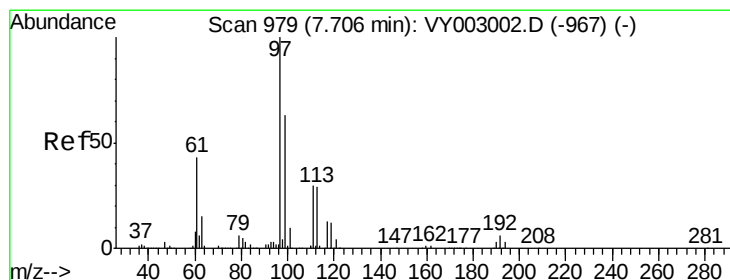
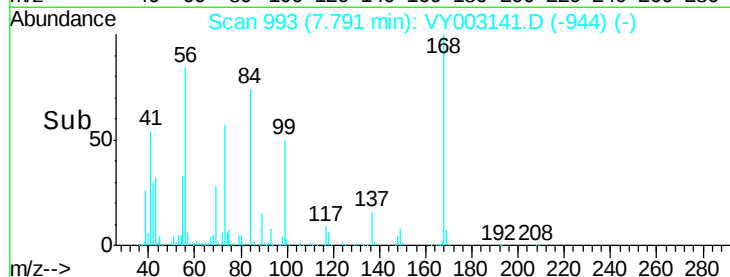
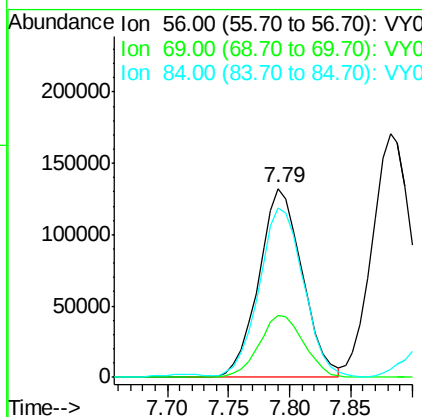
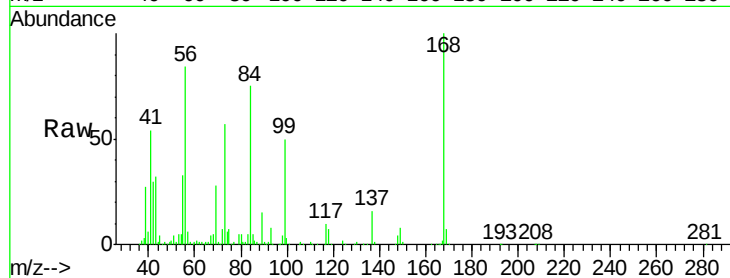
#31
Cyclohexane
Concen: 44.501 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.0	27.0	40.4
84	88.4	68.1	102.1

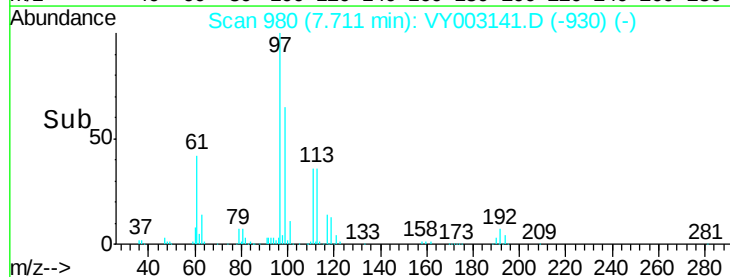
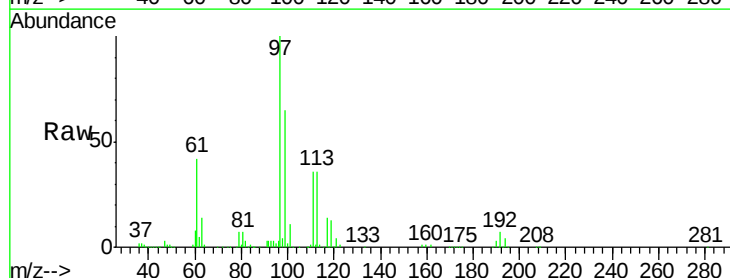
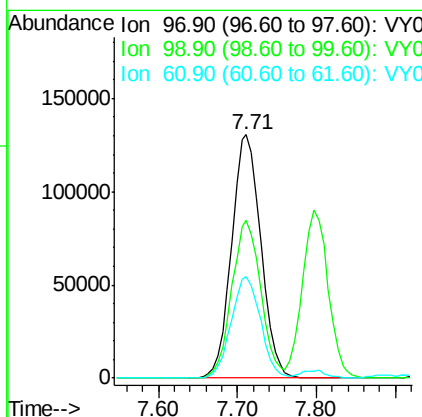
Manual Integrations
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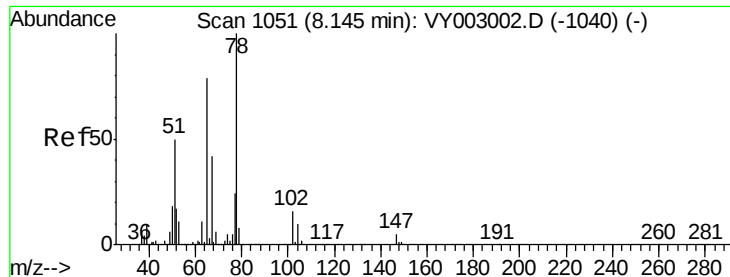
MMDadoda
7/10/2020 12:18:30 PM



#32
1,1,1-Trichloroethane
Concen: 50.073 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.01 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.2
61	41.9	33.9	50.9





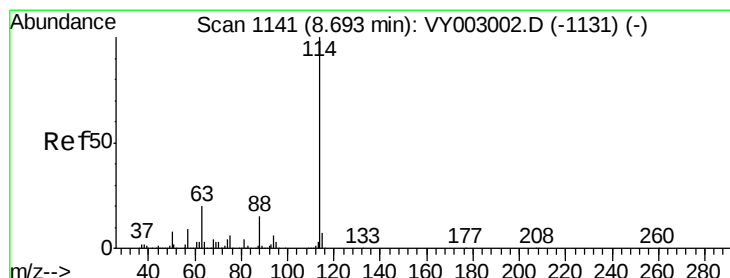
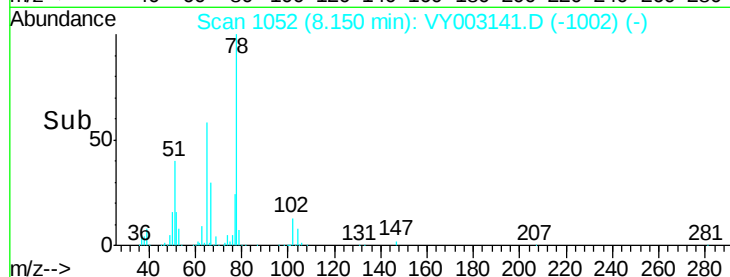
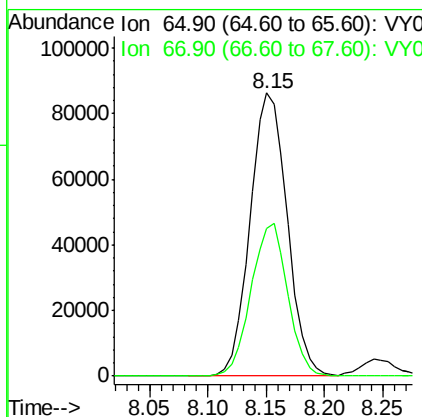
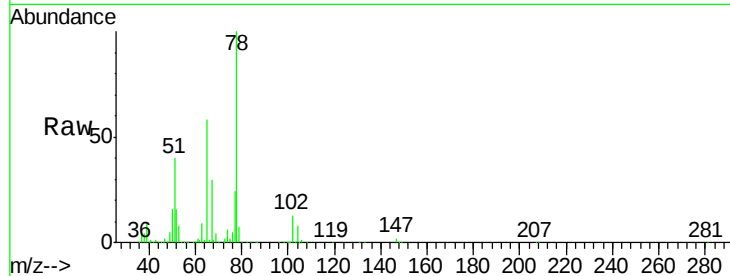
#33
 1,2-Dichloroethane-d4
 Concen: 46.108 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	191888		
67	53.2	0.0	105.6	

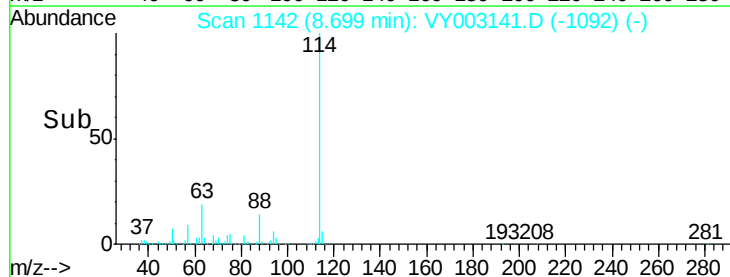
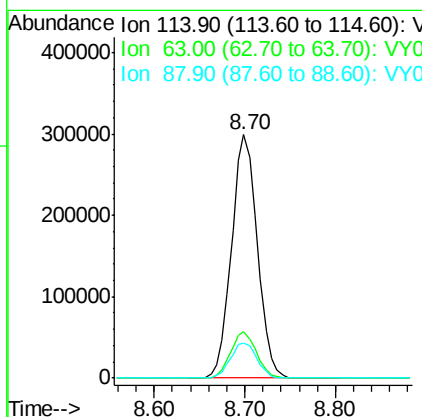
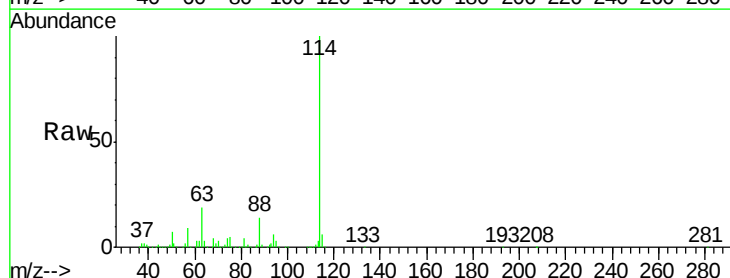
Manual Integrations
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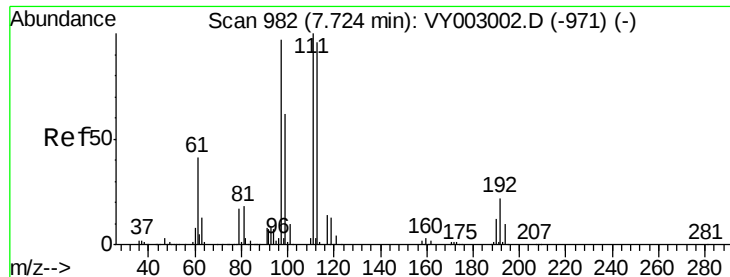
MMDadoda
 7/10/2020 12:18:30 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	588196		
63	19.1	0.0	40.6	
88	14.5	0.0	30.0	





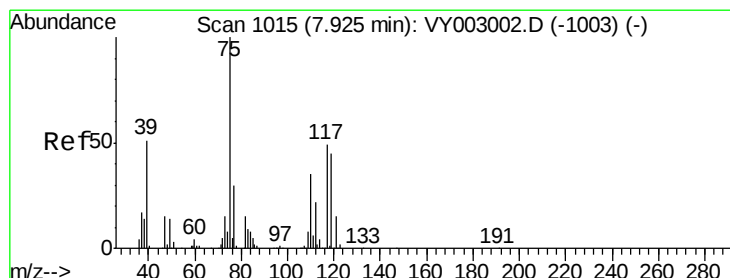
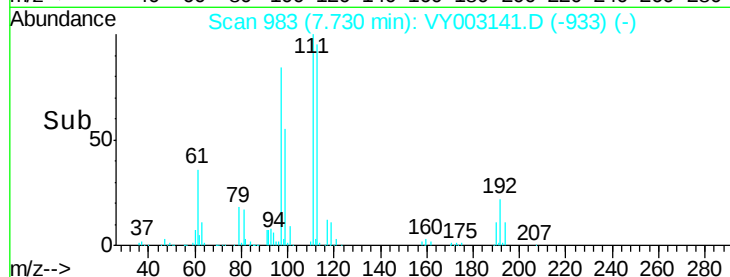
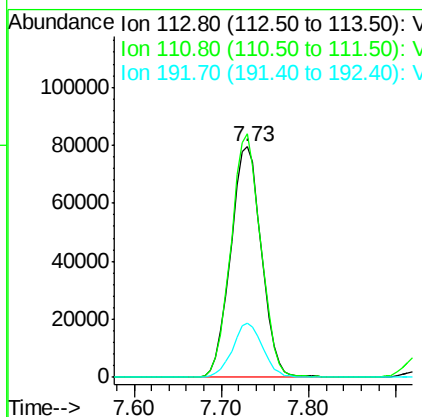
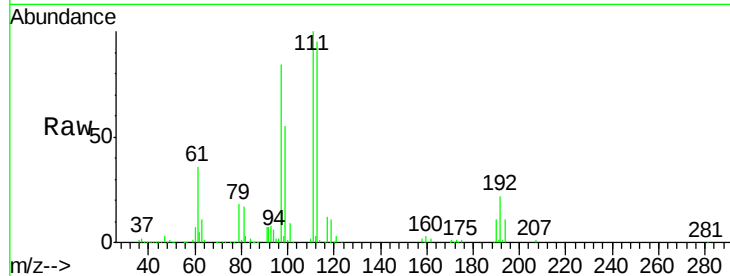
#35
 Dibromofluoromethane
 Concen: 53.127 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	194938		
111	102.2	82.6	123.8	
192	23.1	18.1	27.1	

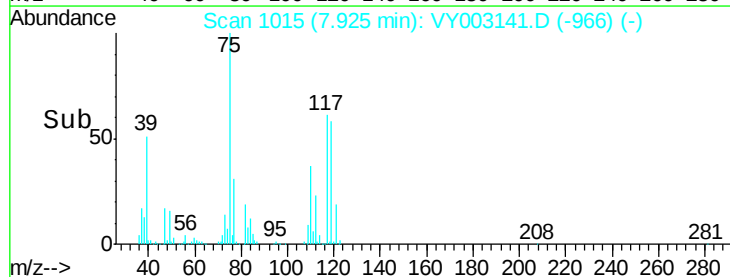
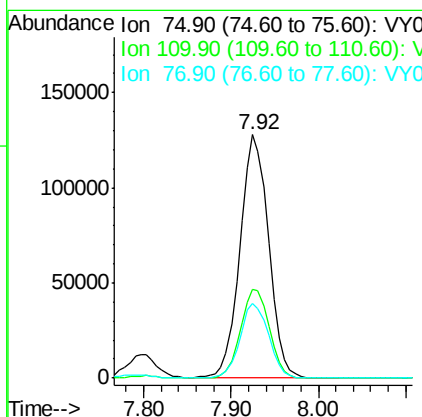
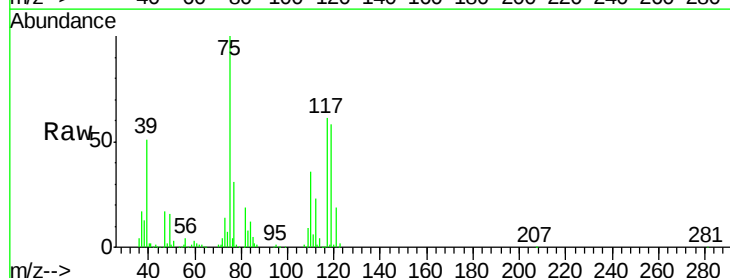
Manual Integrations
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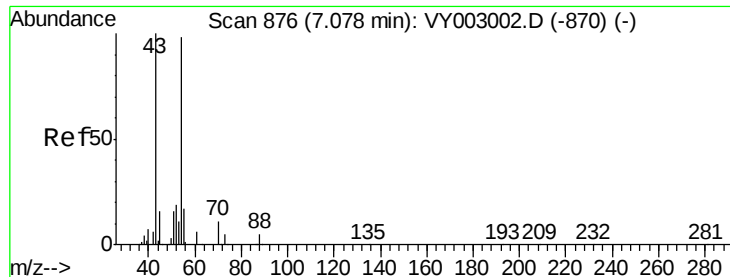
MMDadoda
 7/10/2020 12:18:30 PM



#36
 1,1-Dichloropropene
 Concen: 51.113 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	289592		
110	36.8	17.1	51.2	
77	31.1	24.9	37.3	





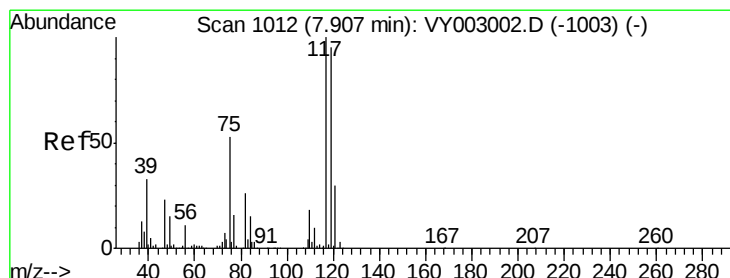
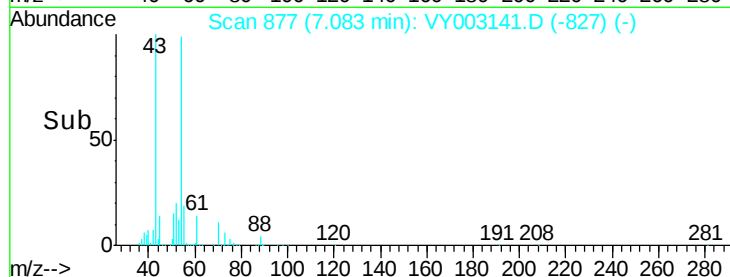
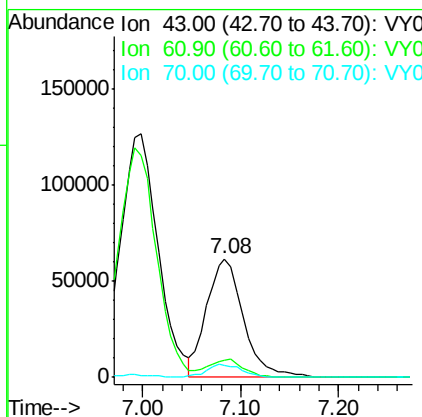
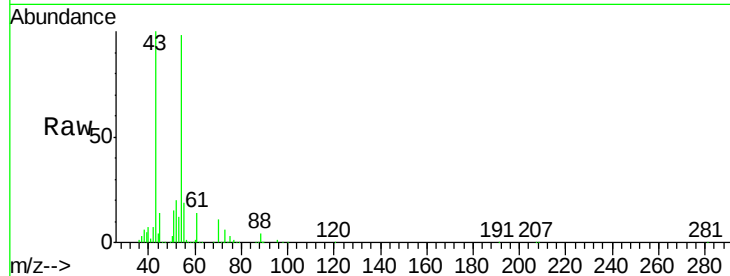
#37
Ethyl Acetate
Concen: 46.845 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.4	15.6
70	10.7	7.7	11.5

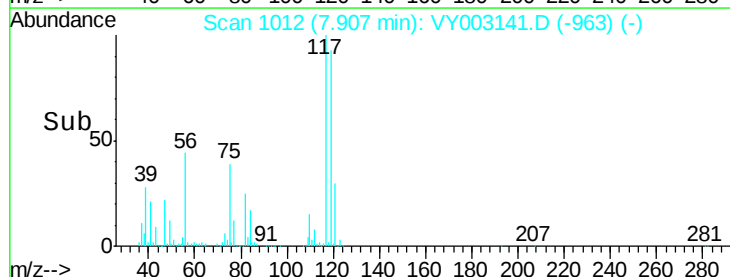
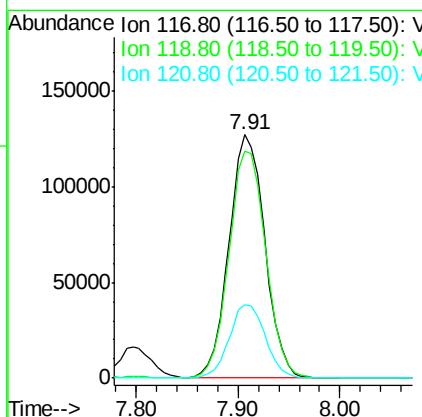
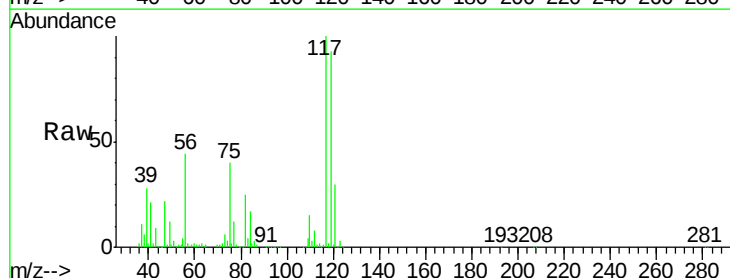
Manual Integrations
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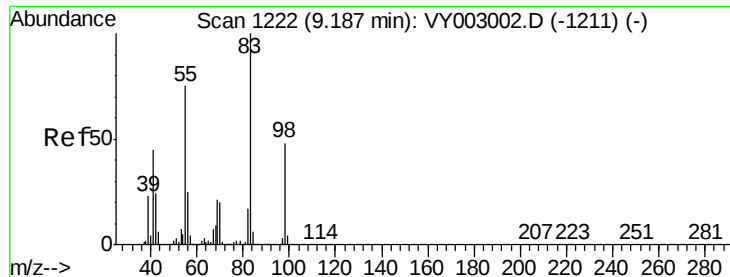
MMDadoda
7/10/2020 12:18:30 PM



#38
Carbon Tetrachloride
Concen: 52.644 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	75.7	113.5
121	29.9	23.9	35.9





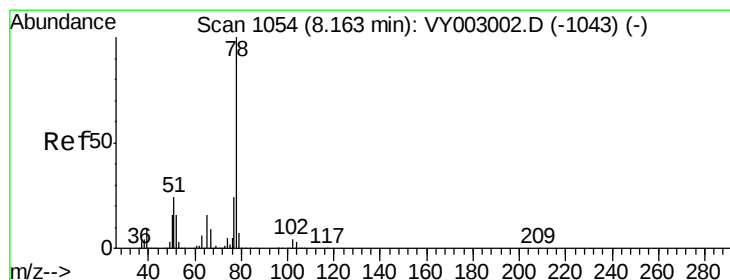
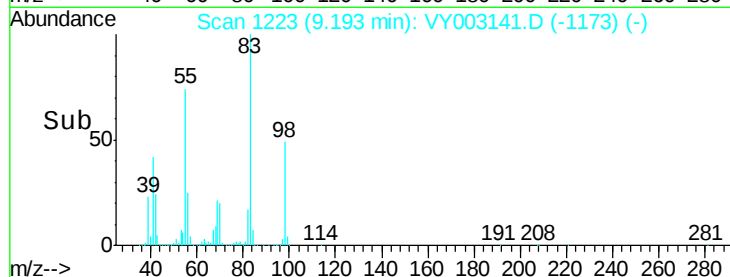
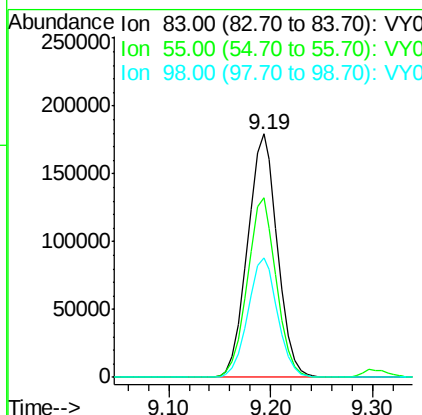
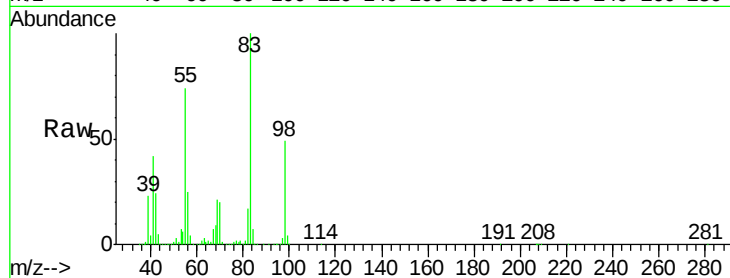
#39
Methylvlcvclohexane
Concen: 51.886 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.01 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.8	59.9	89.9
98	49.2	38.7	58.1

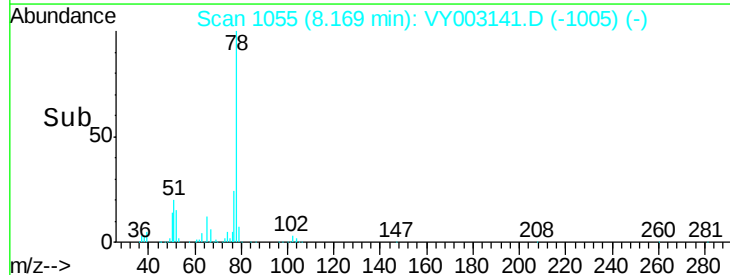
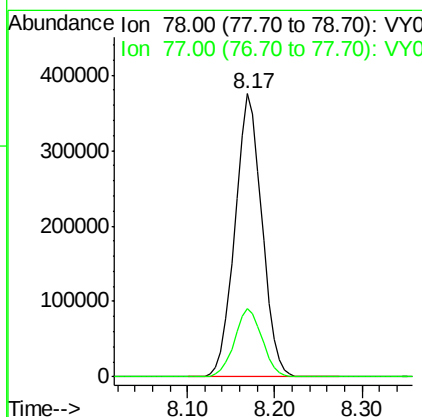
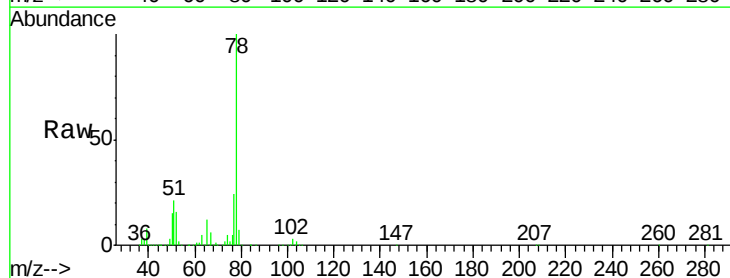
Manual Integrations
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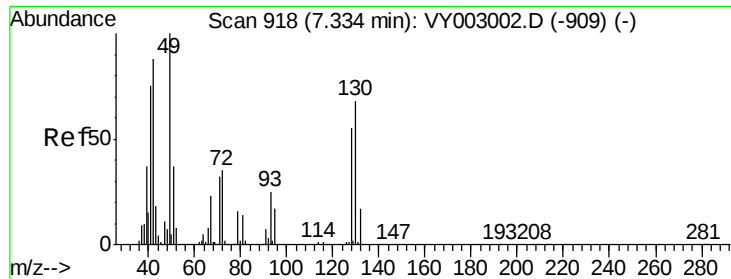
MMDadoda
7/10/2020 12:18:30 PM



#40
Benzene
Concen: 51.821 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8





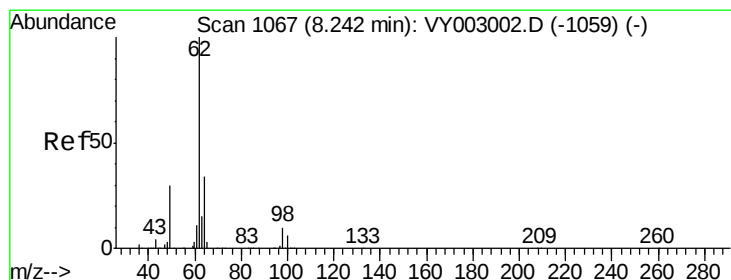
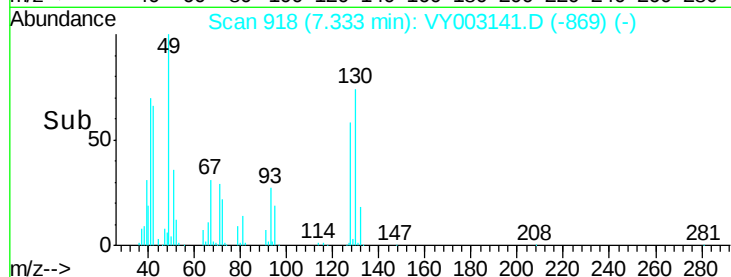
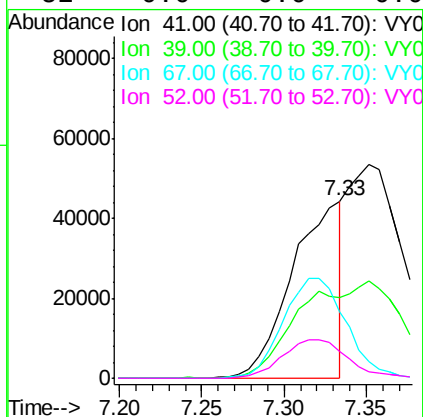
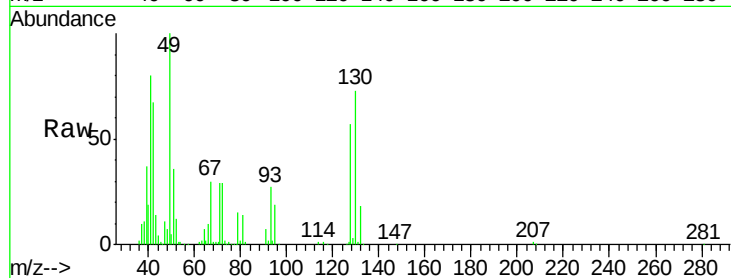
#41
Methacrylonitrile
Concen: 51.216 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	93198
Ion	Ratio	Lower	Upper
41	100		
39	0.0	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

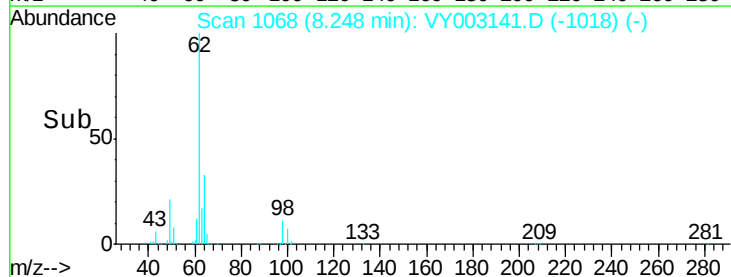
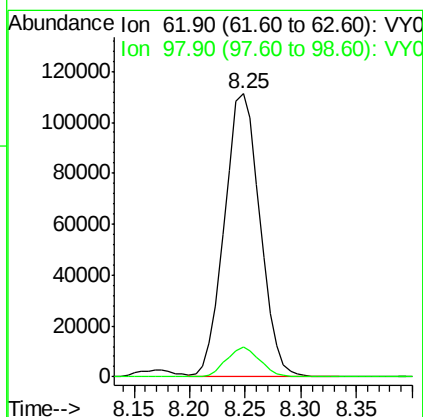
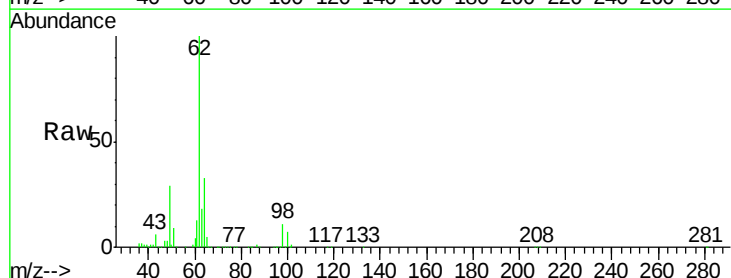
Manual Integrations
APPROVED

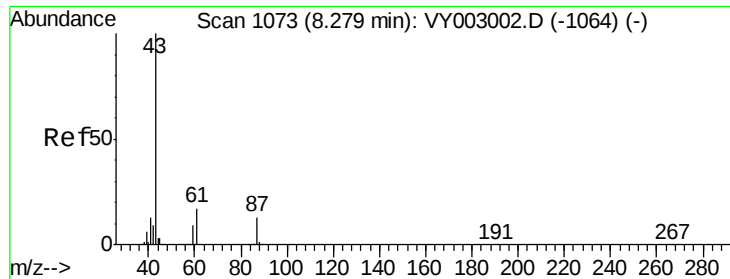
MMDadoda
7/10/2020 12:18:30 PM



#42
1,2-Dichloroethane
Concen: 50.284 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Tgt Ion	62	Resp	246748
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.2





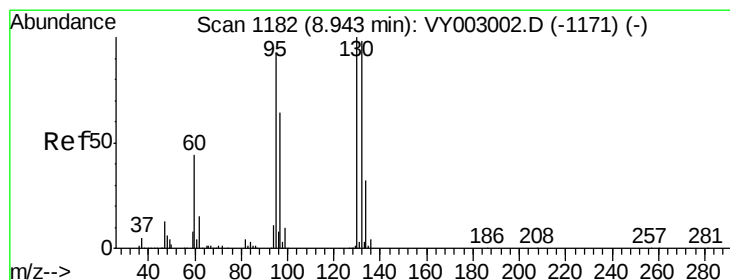
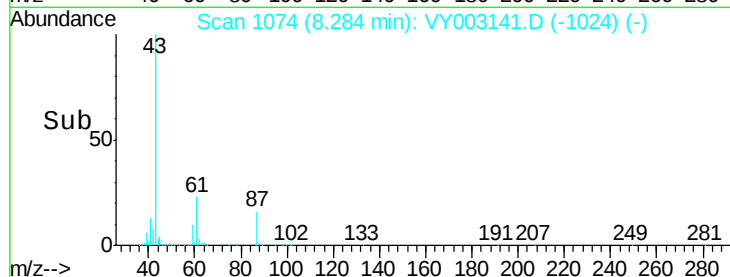
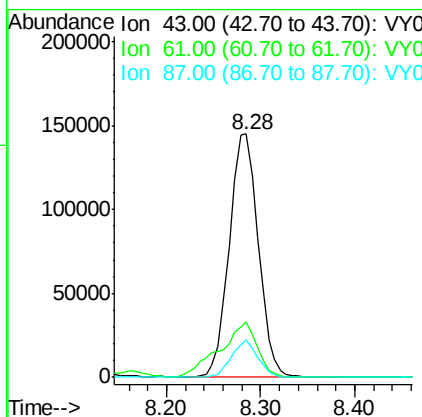
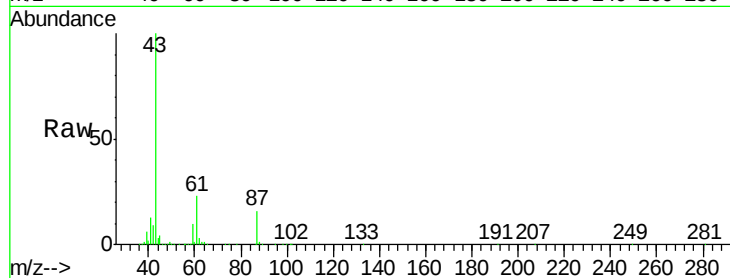
#43
Isopropyl Acetate
Concen: 47.893 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.01 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.5	21.8	32.6
87	14.0	10.1	15.1

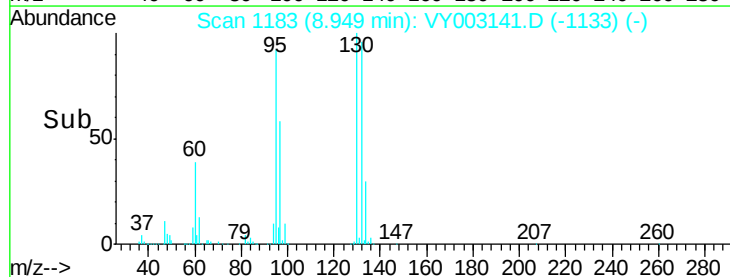
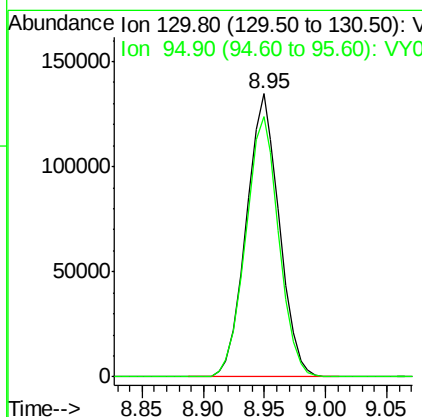
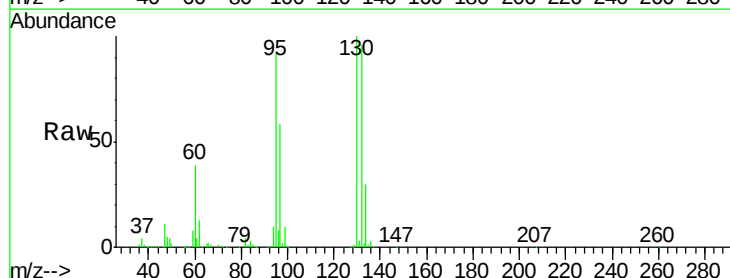
Manual Integrations
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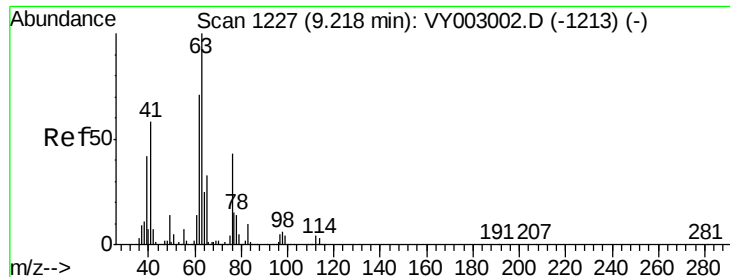
MMDadoda
7/10/2020 12:18:30 PM



#44
Trichloroethene
Concen: 55.896 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	186.4





#45

1,2-Dichloropropane

Concen: 50.222 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 209583

Ion Ratio Lower Upper

63 100

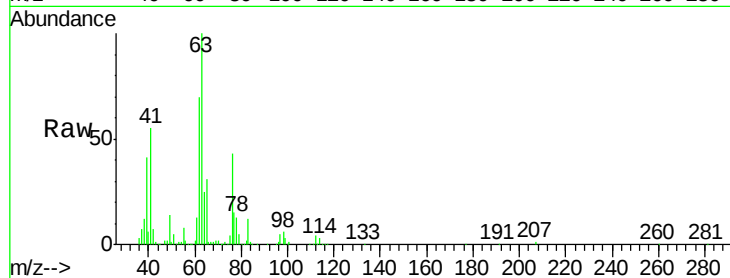
65 31.2 26.2 39.4

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

120000

100000

80000

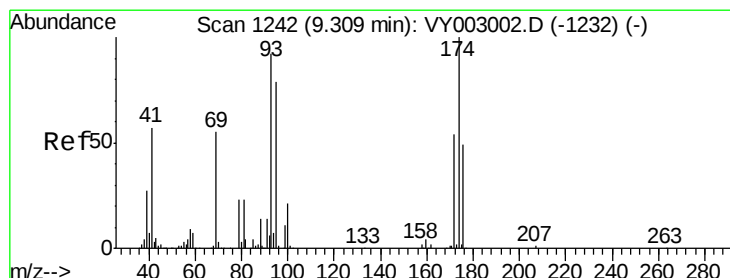
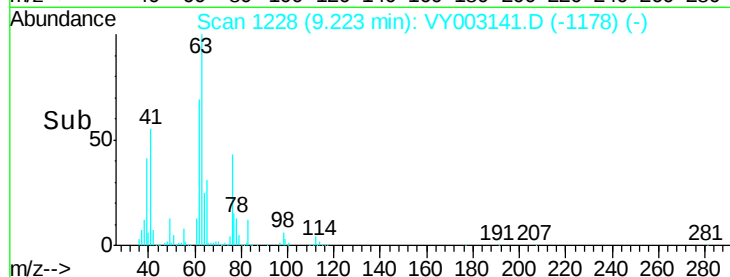
60000

40000

20000

0

Time--> 9.10 9.15 9.20 9.25 9.30



#46

Dibromomethane

Concen: 52.761 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

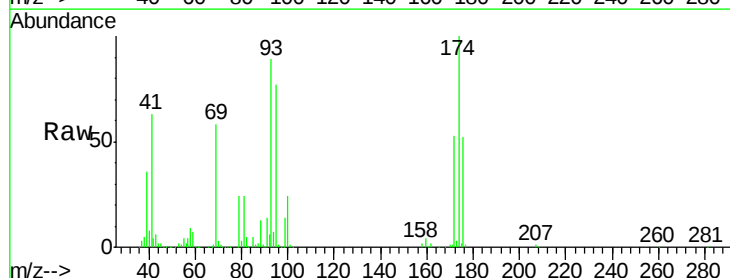
Tgt Ion: 93 Resp: 122973

Ion Ratio Lower Upper

93 100

95 83.9 67.6 101.4

174 114.3 88.3 132.5



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

100000

80000

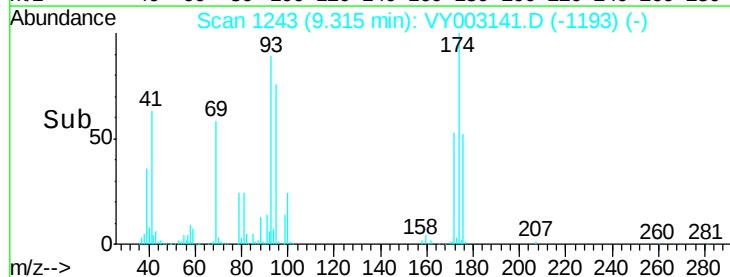
60000

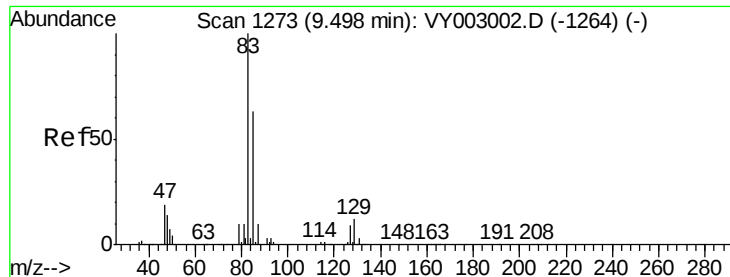
40000

20000

0

Time--> 9.20 9.25 9.30 9.35 9.40





#47

Bromodichloromethane

Concen: 52.422 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.01 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Instrument :

MSVOA_Y

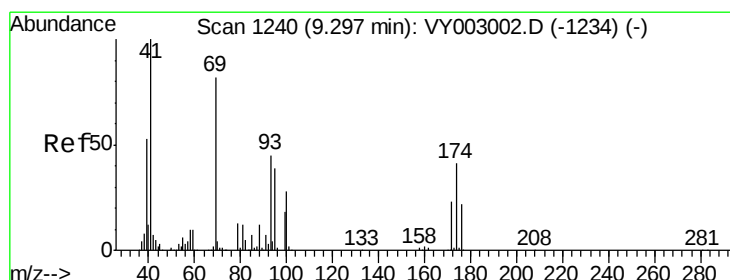
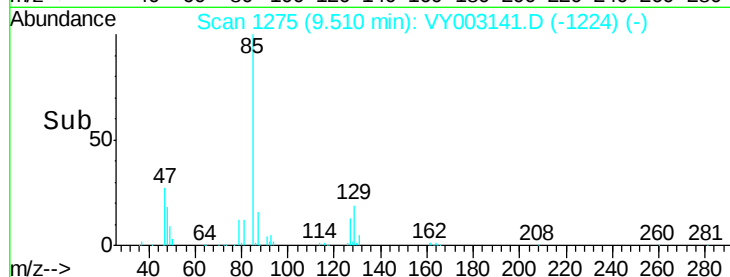
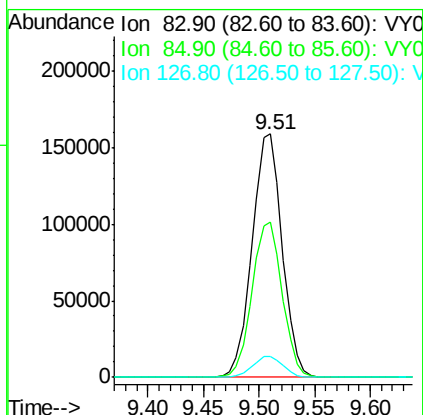
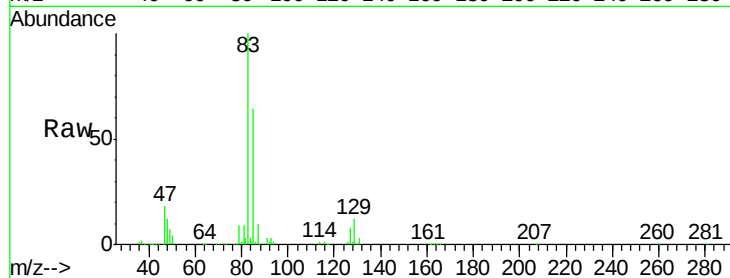
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	299179
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.5	75.7
127	8.4	7.0	10.4

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#48

Methyl methacrylate

Concen: 47.816 ug/l

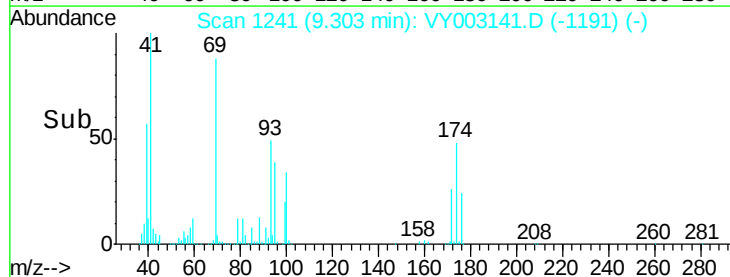
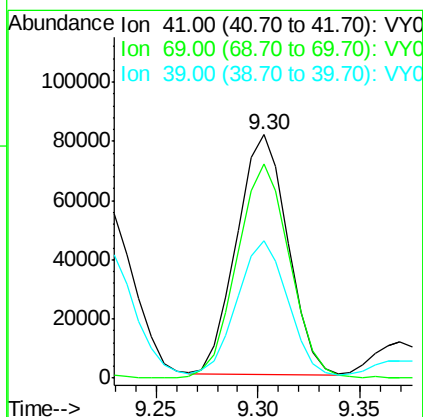
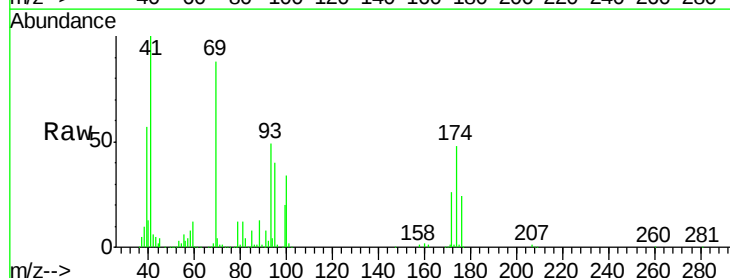
RT: 9.30 min Scan# 1241

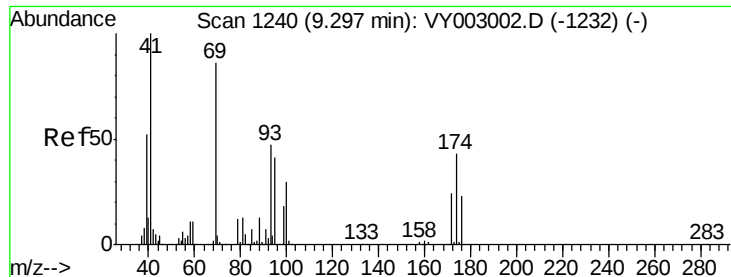
Delta R.T. 0.01 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Tgt Ion:	41	Resp:	140949
Ion	Ratio	Lower	Upper
41	100		
69	92.1	67.7	101.5
39	58.4	45.0	67.4





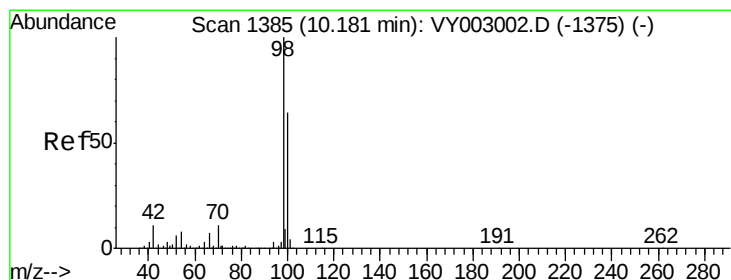
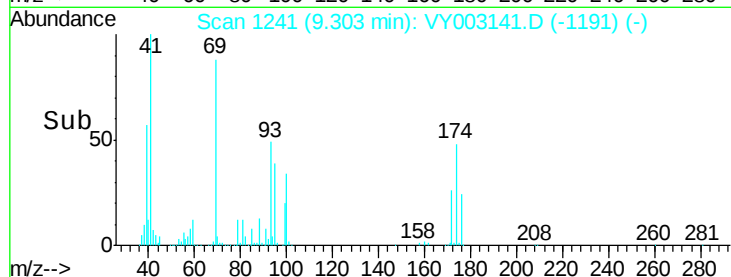
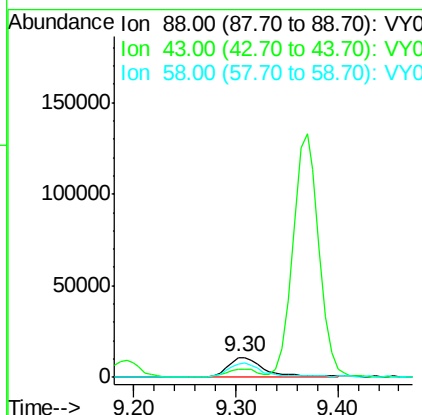
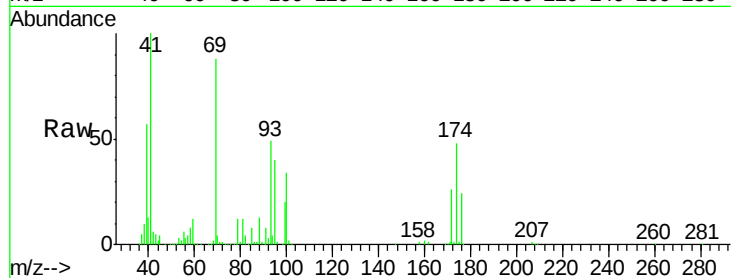
#49
1,4-Dioxane
Concen: 993.835 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	28276
Ion	Ratio	Lower	Upper
88	100		
43	30.1	28.6	42.8
58	69.1	56.7	85.1

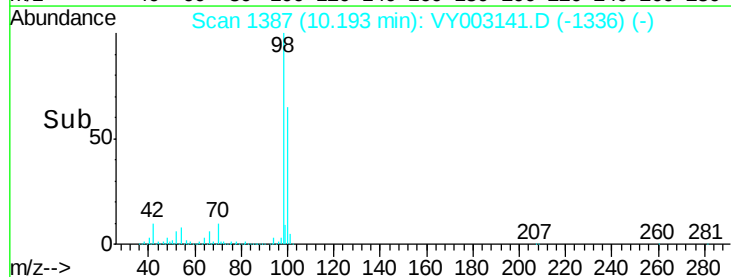
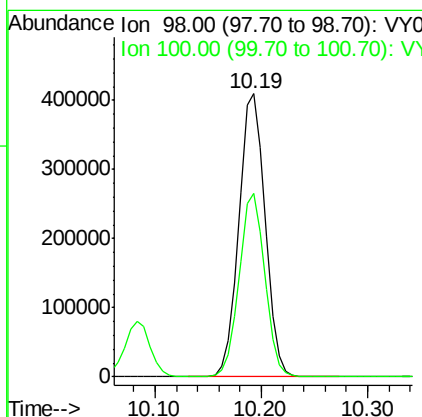
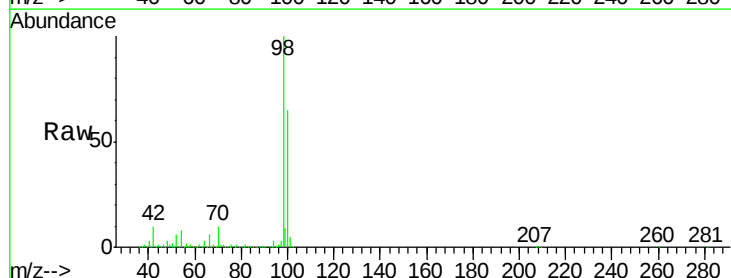
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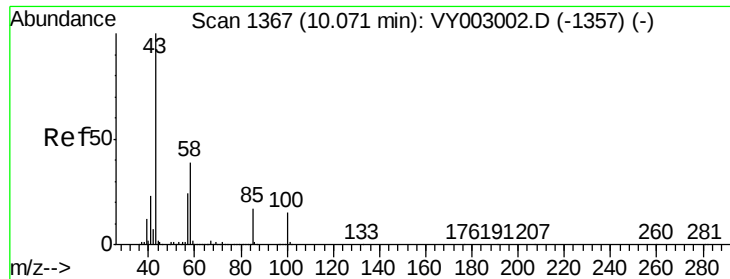
MMDadoda
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#50
Toluene-d8
Concen: 52.022 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Tgt Ion	98	Resp	711117
Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.1	76.7





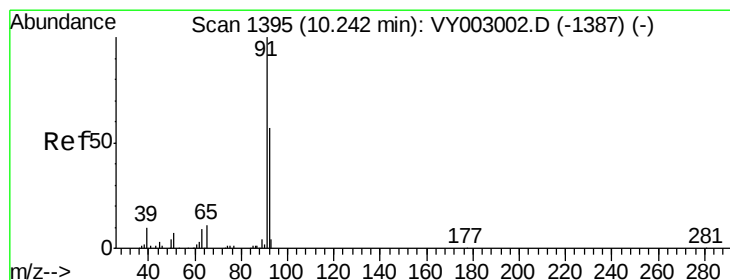
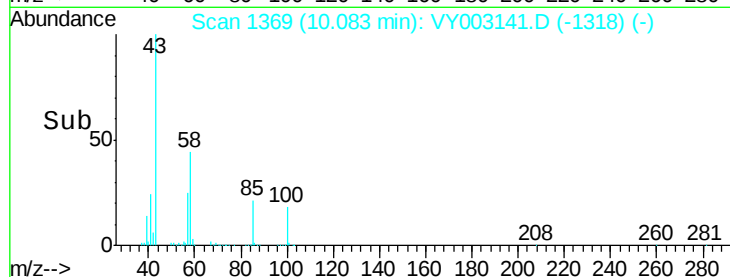
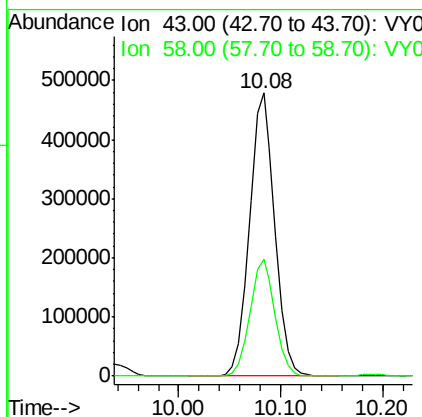
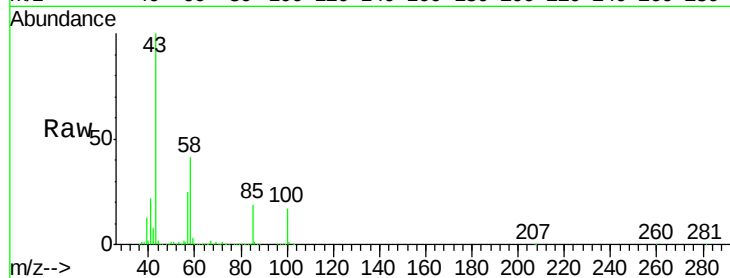
#51
4-Methyl-2-Pentanone
Concen: 245.894 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 823051
Ion Ratio Lower Upper
43 100
58 40.9 31.1 46.7

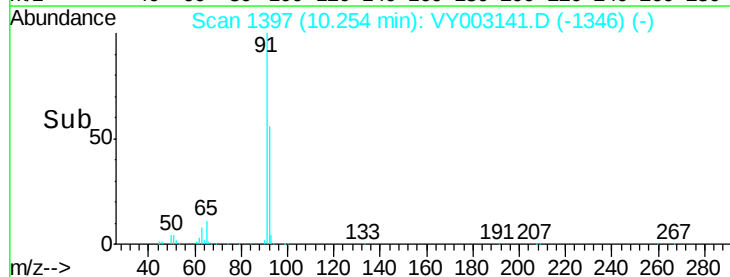
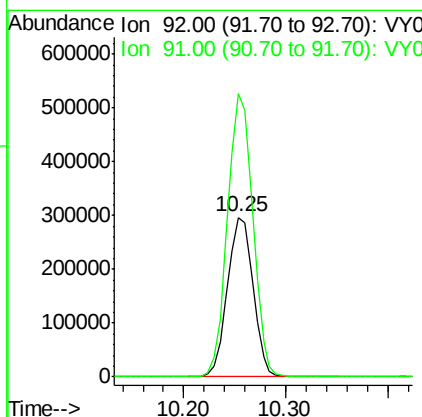
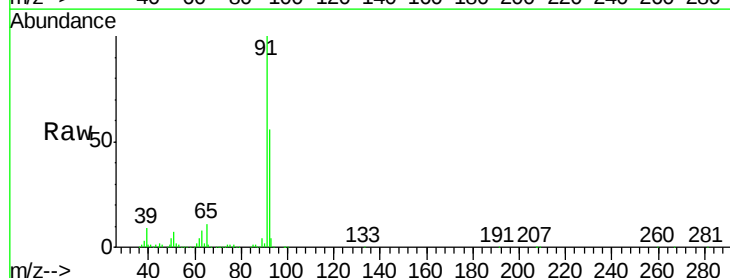
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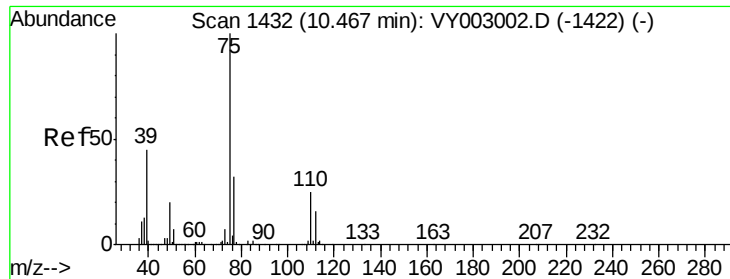
MMDadoda
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#52
Toluene
Concen: 52.604 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. 0.01 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Tgt Ion: 92 Resp: 513646
Ion Ratio Lower Upper
92 100
91 175.7 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 51.563 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 308528

Ion Ratio Lower Upper

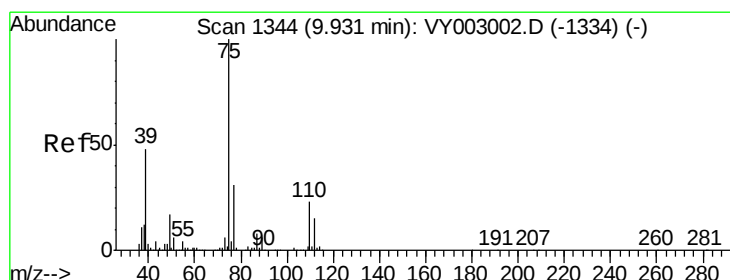
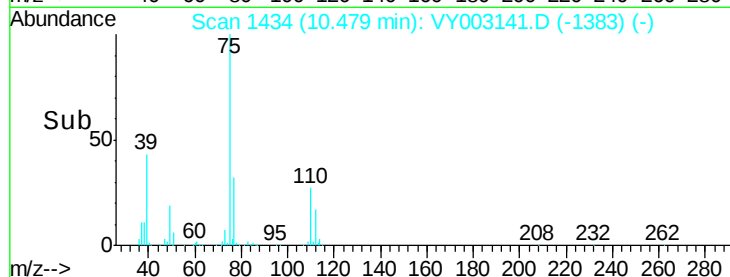
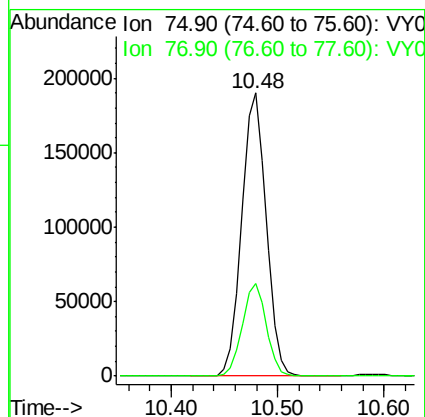
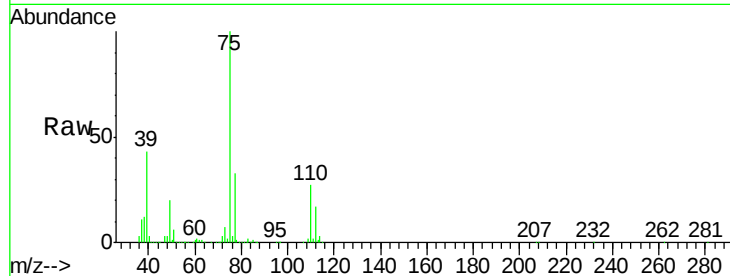
75 100

77 32.5 25.9 38.9

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#54

cis-1,3-Dichloropropene

Concen: 50.856 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.01 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

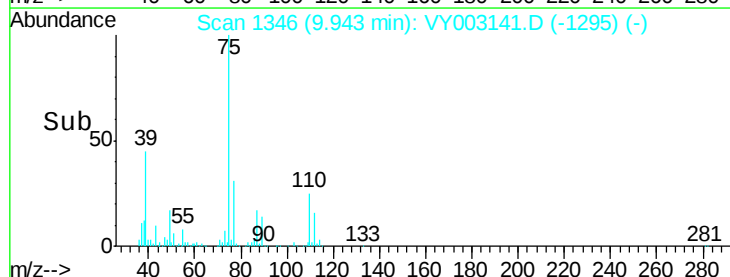
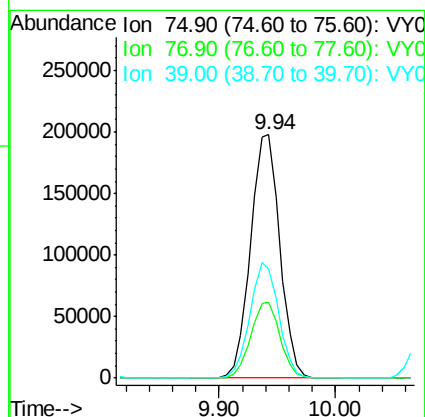
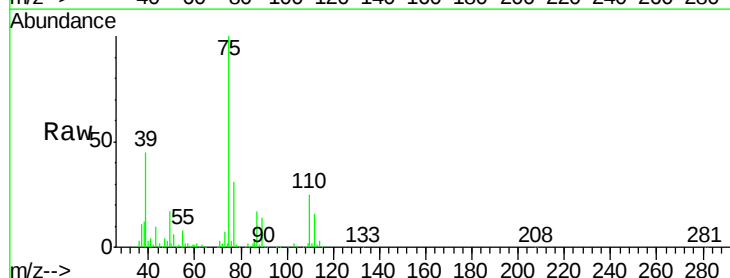
Tgt Ion: 75 Resp: 348016

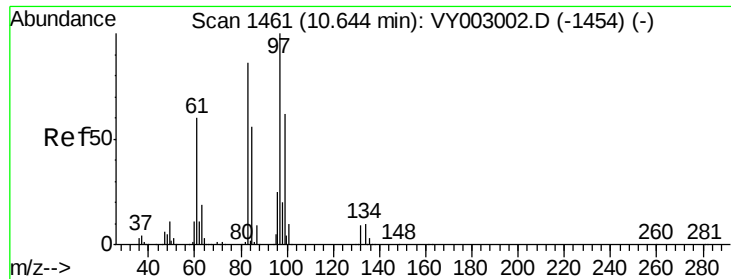
Ion Ratio Lower Upper

75 100

77 31.1 24.6 37.0

39 44.6 38.3 57.5





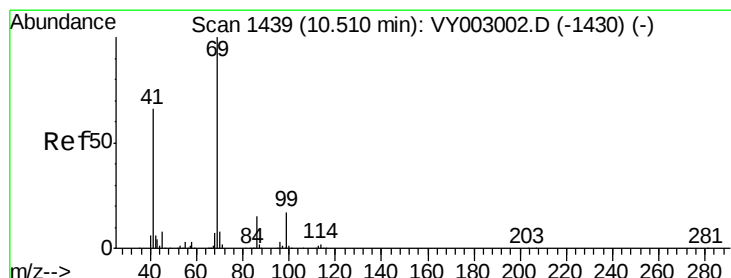
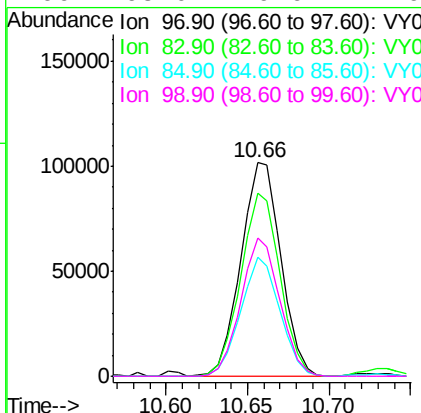
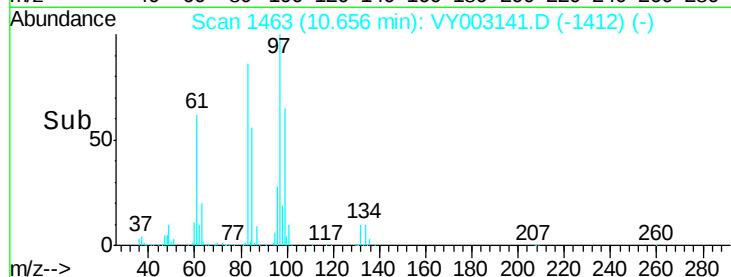
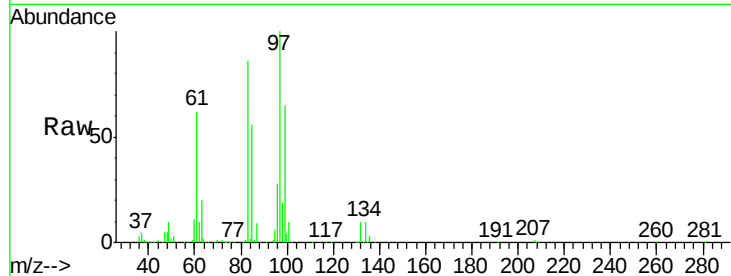
#55
 1,1,2-Trichloroethane
 Concen: 53.717 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	173978
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.0	103.6
85	56.1	44.8	67.2
99	65.0	49.9	74.9

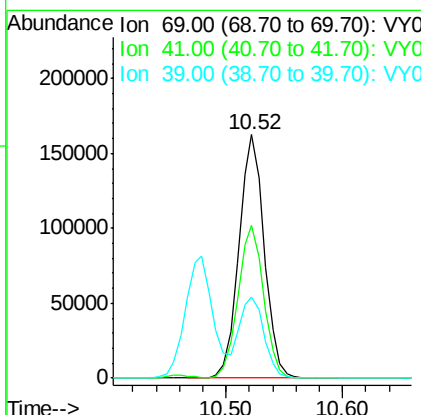
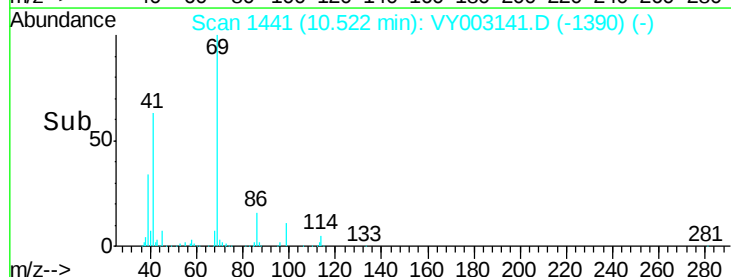
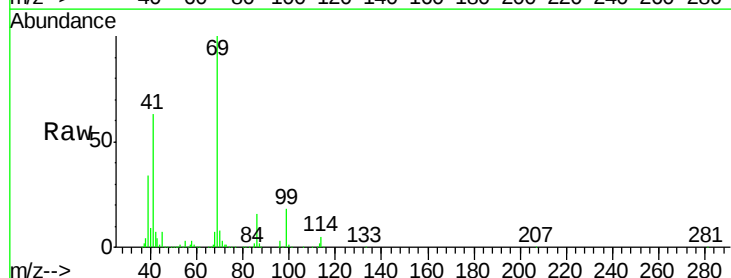
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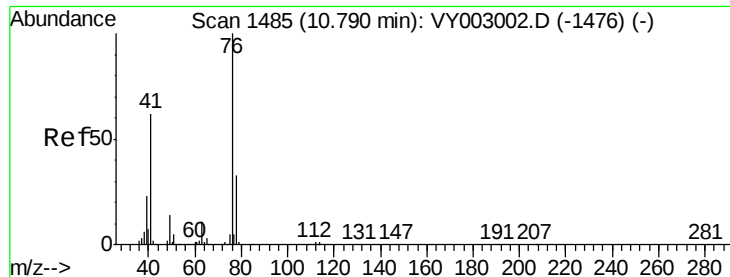
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 7/10/2020 12:18:30 PM



#56
 Ethyl methacrylate
 Concen: 52.435 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Tgt Ion:	69	Resp:	245833
Ion	Ratio	Lower	Upper
69	100		
41	63.1	53.7	80.5
39	32.2	28.3	42.5





#57

1,3-Dichloropropane

Concen: 51.913 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 295165

Ion Ratio Lower Upper

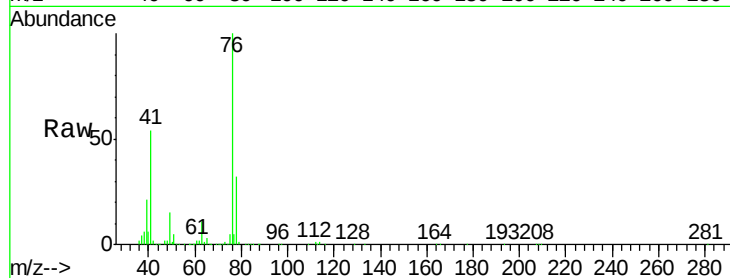
76 100

78 32.7 26.0 39.0

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.80

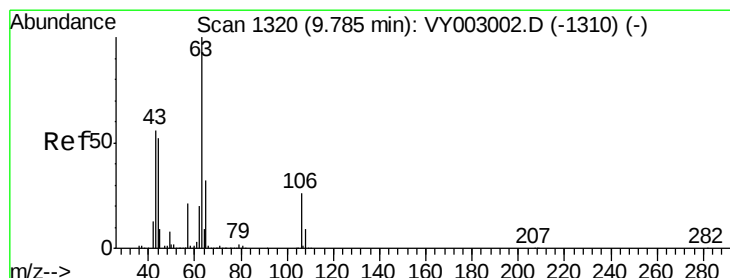
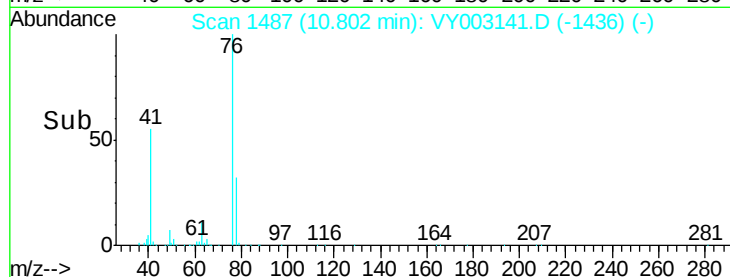
150000

100000

50000

0

Time--> 10.70 10.80 10.90



#58

2-Chloroethyl Vinyl ether

Concen: 257.918 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.01 min

Lab File: VY003141.D

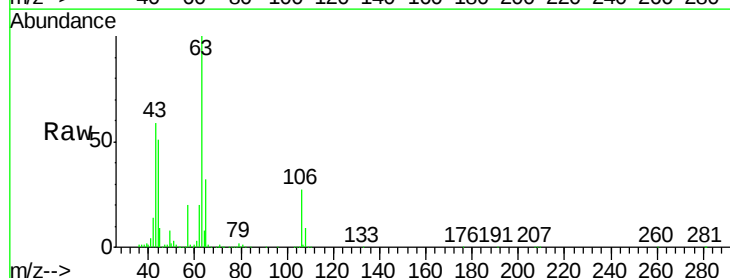
Acq: 09 Jul 2020 11:11

Tgt Ion: 63 Resp: 620165

Ion Ratio Lower Upper

63 100

106 28.4 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.79

400000

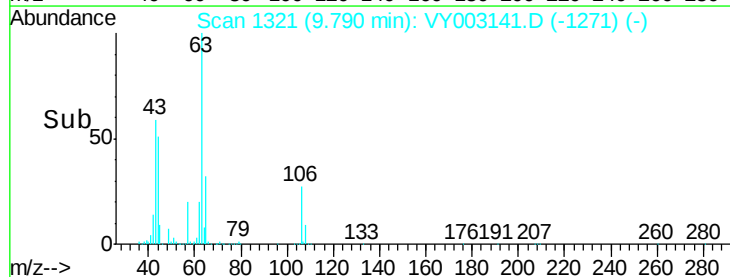
300000

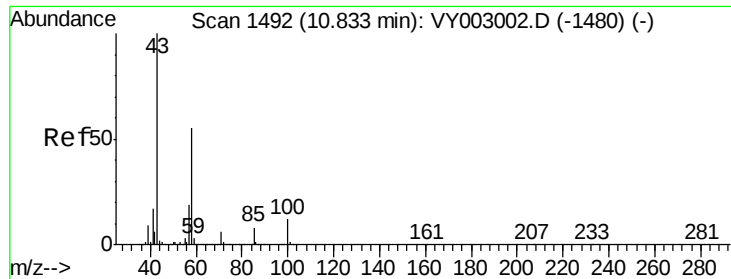
200000

100000

0

Time--> 9.70 9.75 9.80 9.85 9.90





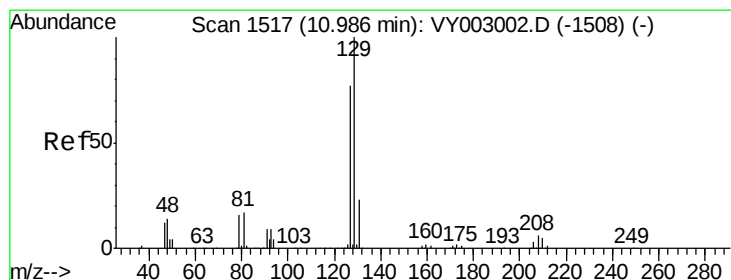
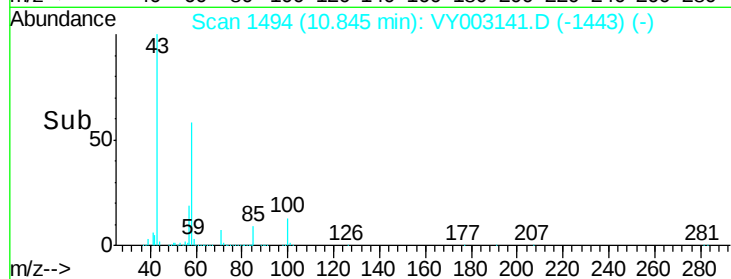
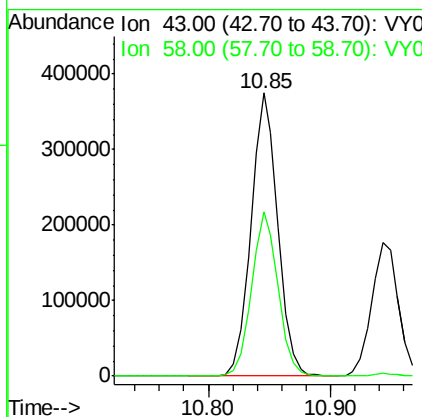
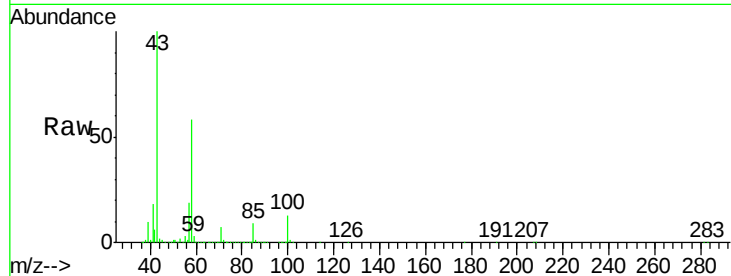
#59
2-Hexanone
Concen: 243.574 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.3	27.5	82.4

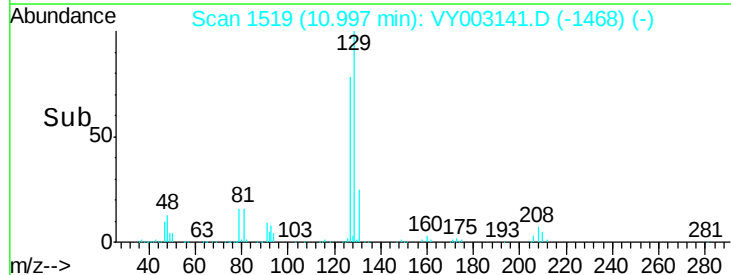
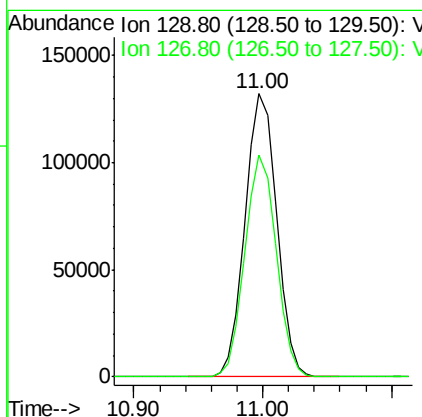
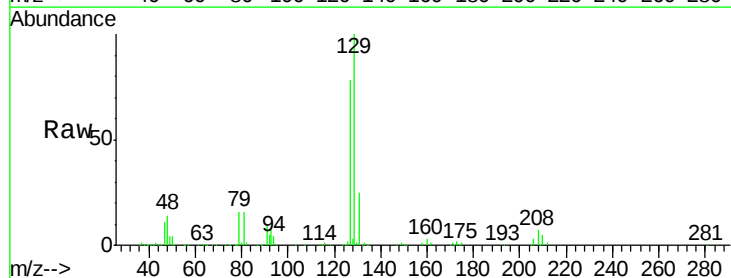
Manual Integrations
APPROVED

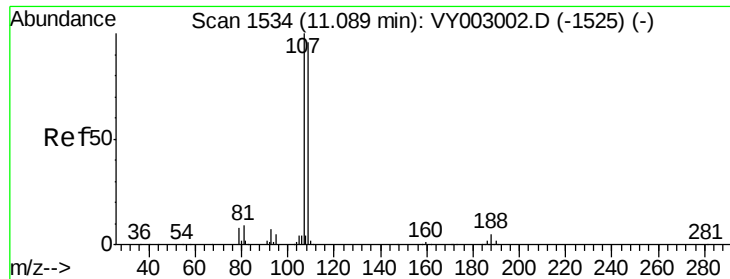
MMDadoda
7/10/2020 12:18:30 PM



#60
Dibromochloromethane
Concen: 54.096 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	39.1	117.3





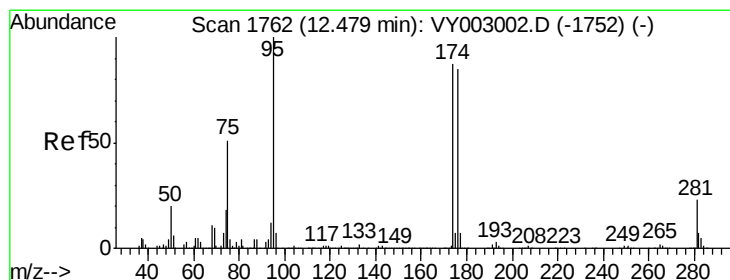
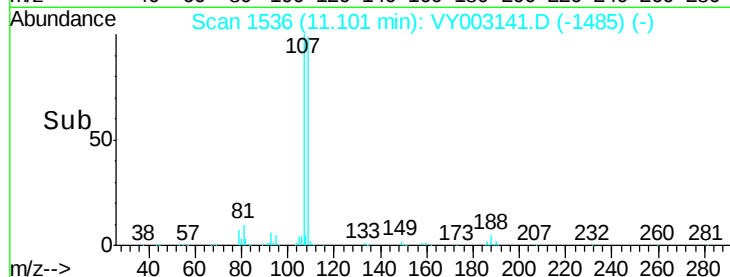
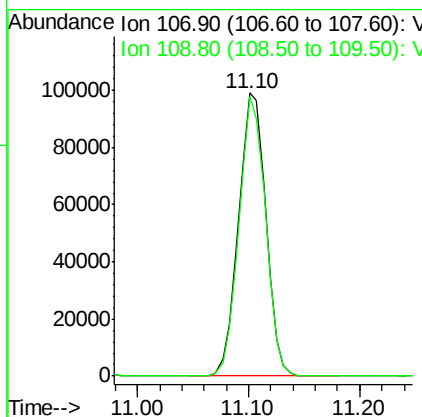
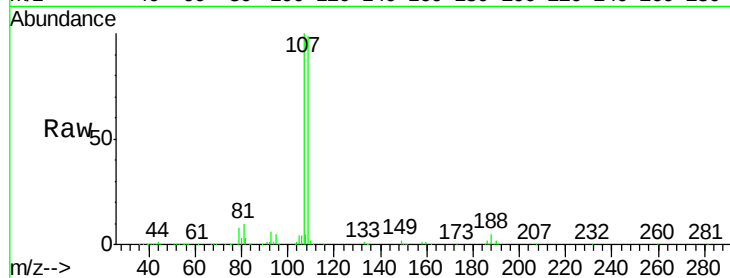
#61
 1,2-Dibromoethane
 Concen: 52.656 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.4	75.8	113.8

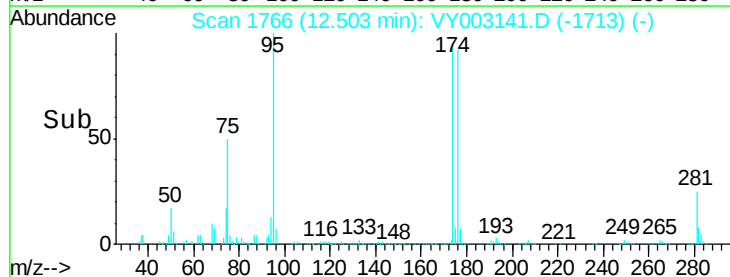
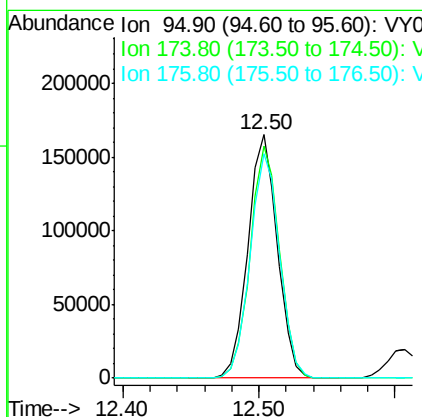
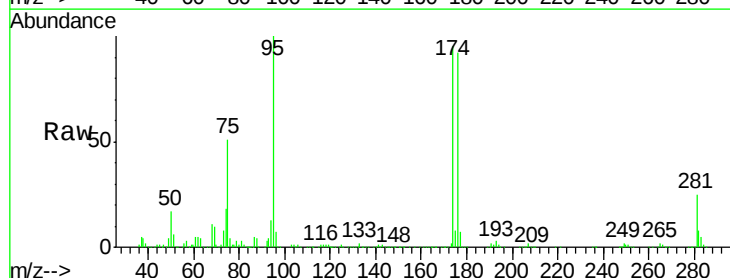
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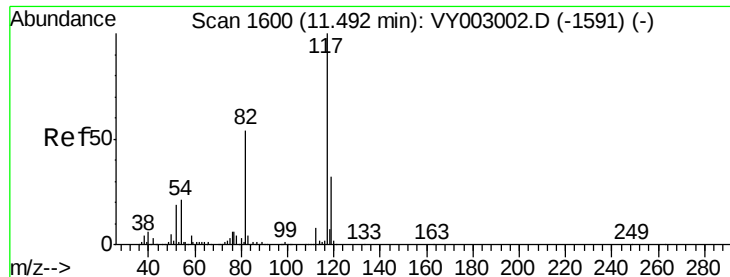
MMDadoda
 7/10/2020 12:18:30 PM



#62
 4-Bromofluorobenzene
 Concen: 52.080 ug/l
 RT: 12.50 min Scan# 1766
 Delta R.T. 0.02 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.0	0.0	184.8
176	92.8	0.0	183.0





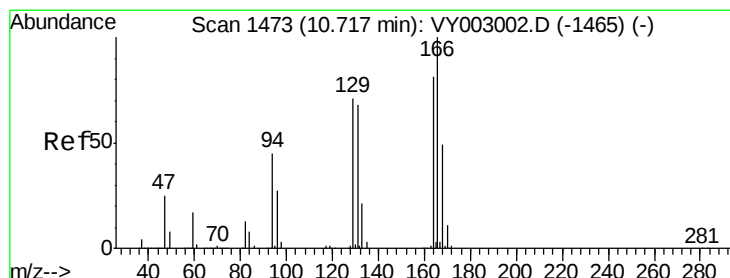
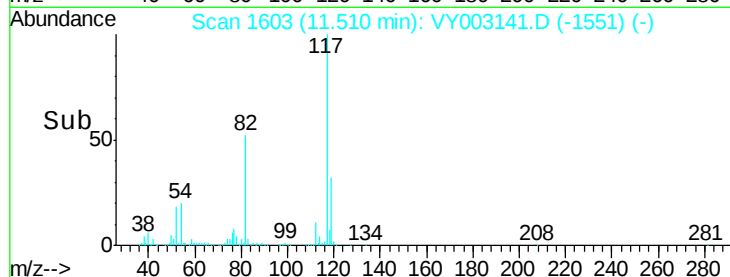
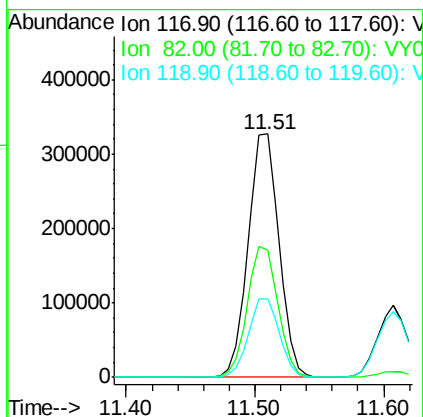
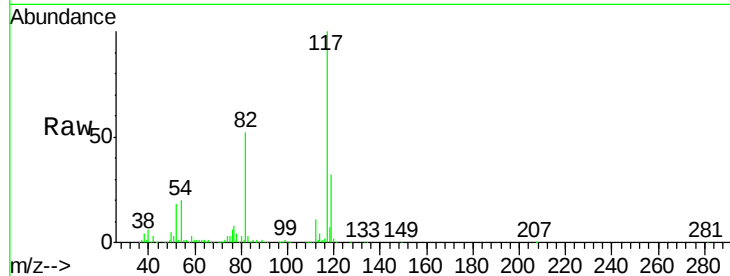
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.02 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.0	64.6
119	32.1	25.8	38.8

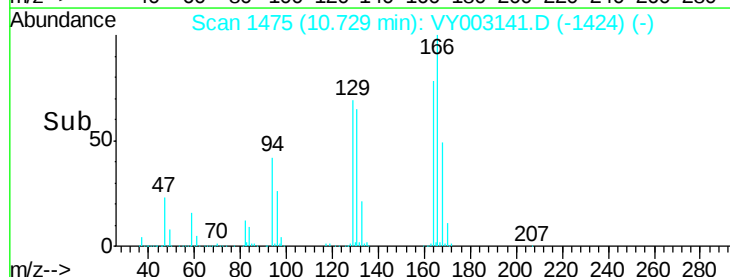
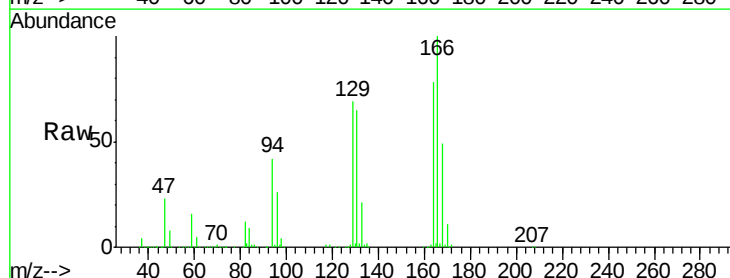
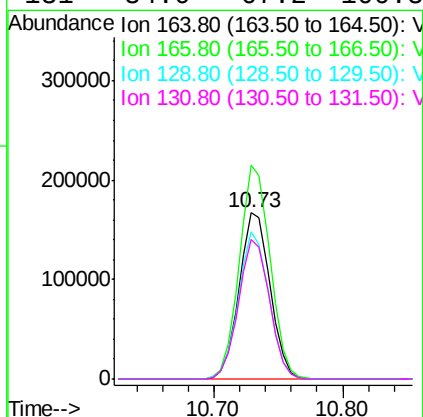
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#64
Tetrachloroethene
Concen: 60.939 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	98.5	147.7
129	88.6	69.7	104.5
131	84.0	67.2	100.8





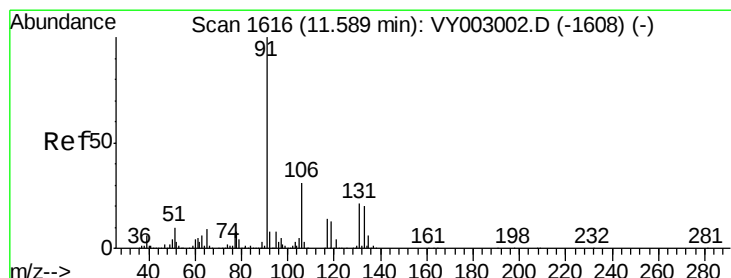
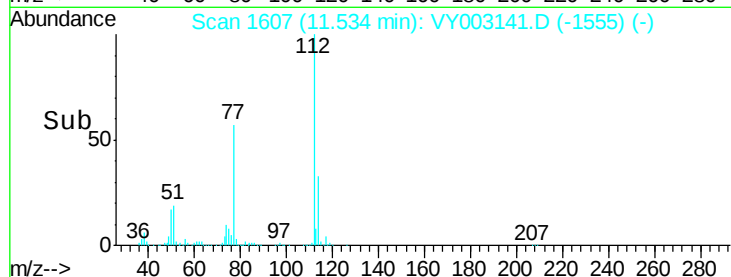
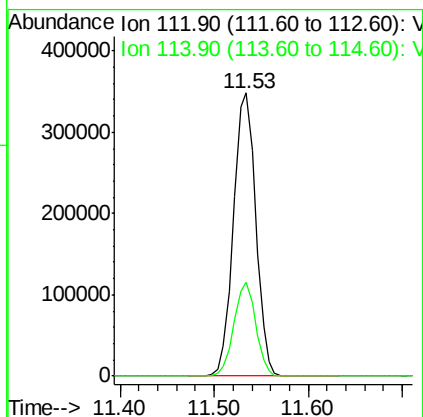
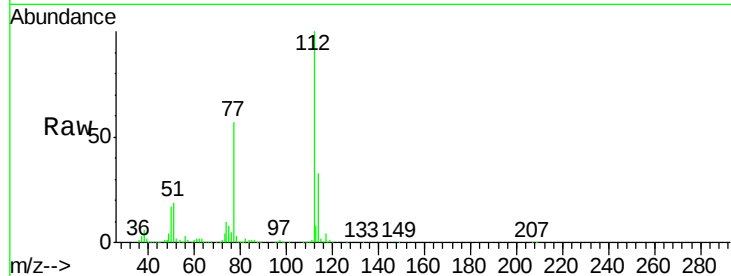
#65
Chlorobenzene
Concen: 53.804 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.02 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 571914
Ion Ratio Lower Upper
112 100
114 33.3 25.7 38.5

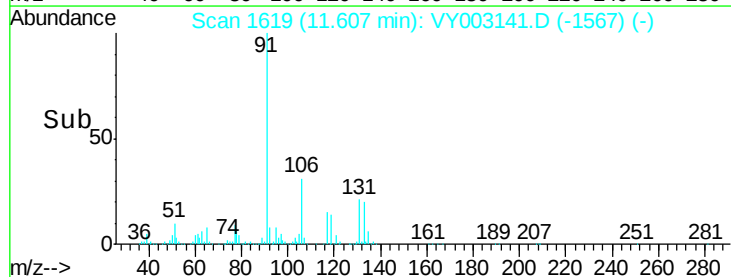
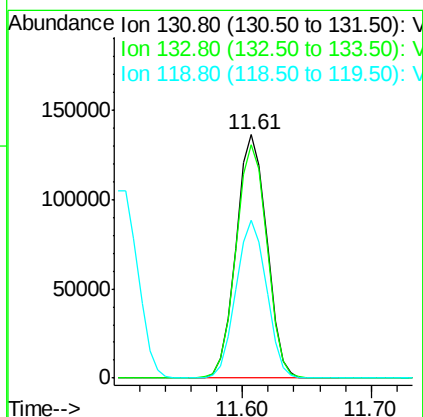
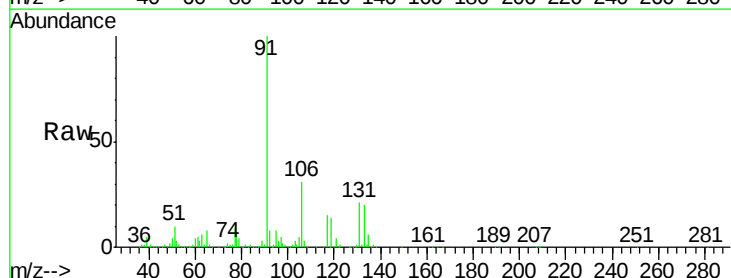
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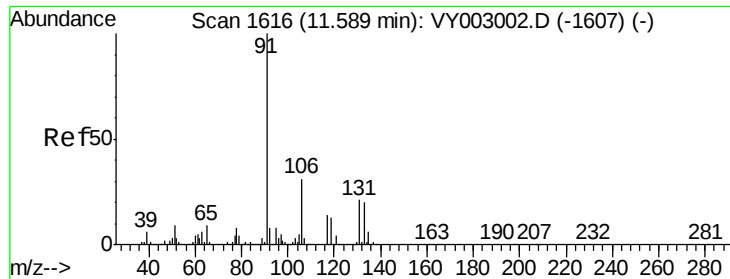
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.155 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.02 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Tgt Ion:131 Resp: 224747
Ion Ratio Lower Upper
131 100
133 96.9 47.9 143.8
119 64.7 31.8 95.3





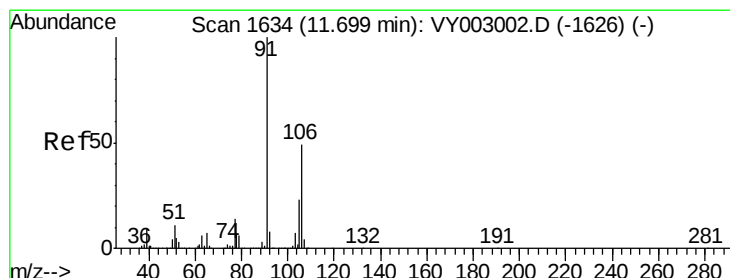
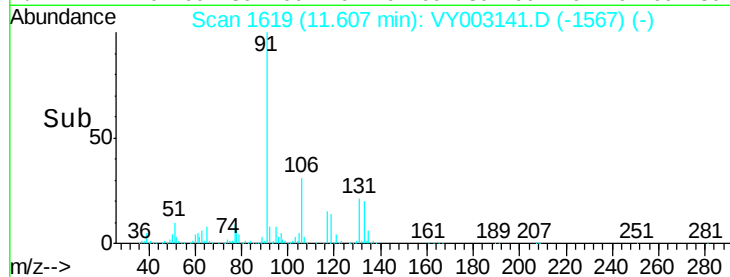
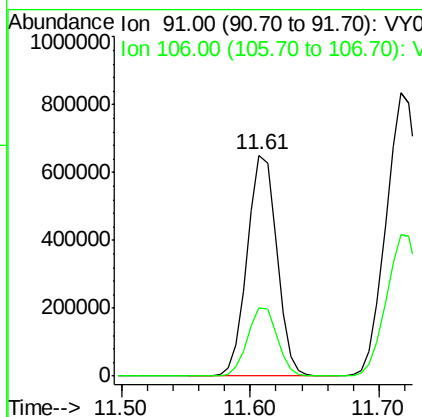
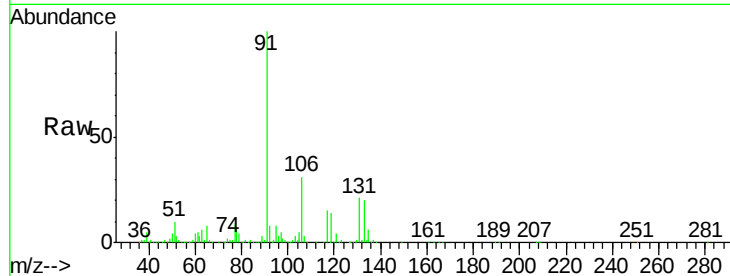
#67
Ethyl Benzene
Concen: 53.038 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.02 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1031403
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.4

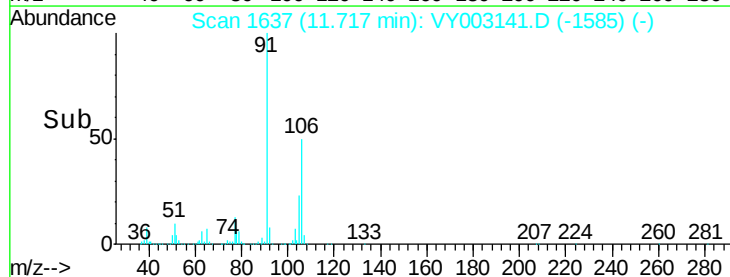
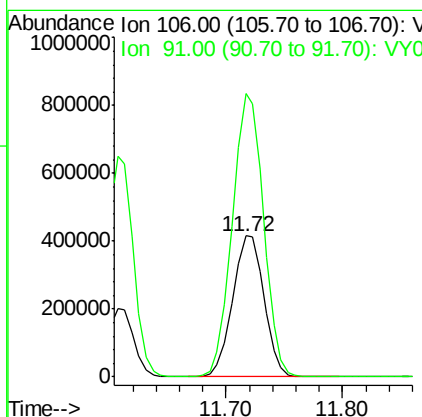
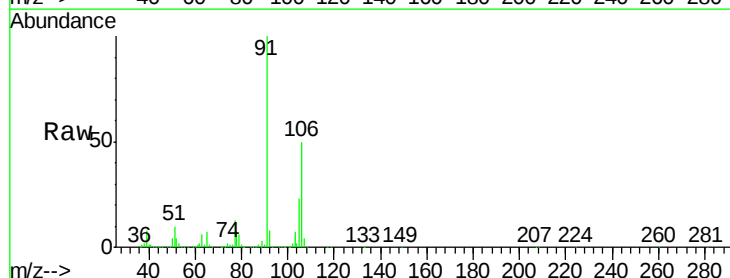
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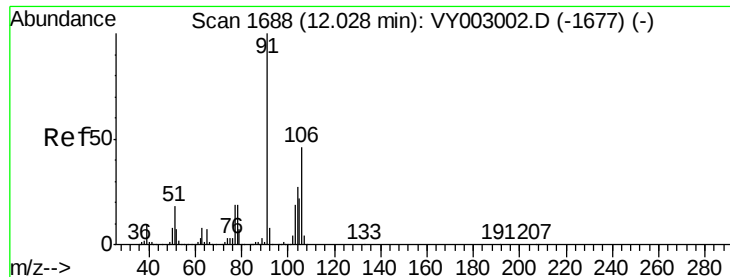
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#68
m/p-Xylenes
Concen: 107.531 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.02 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Tgt Ion: 106 Resp: 778262
Ion Ratio Lower Upper
106 100
91 199.7 161.9 242.9





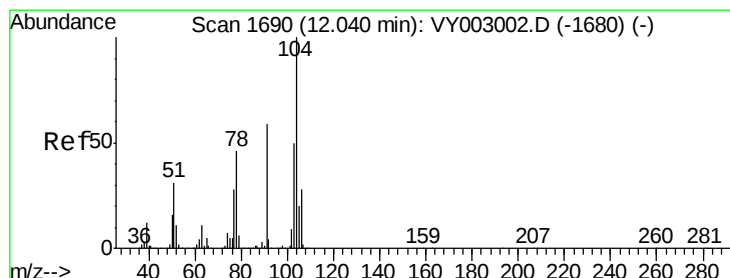
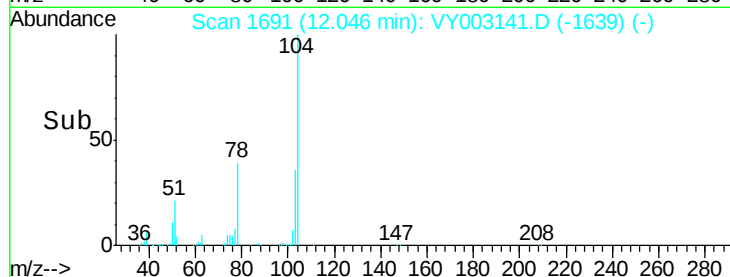
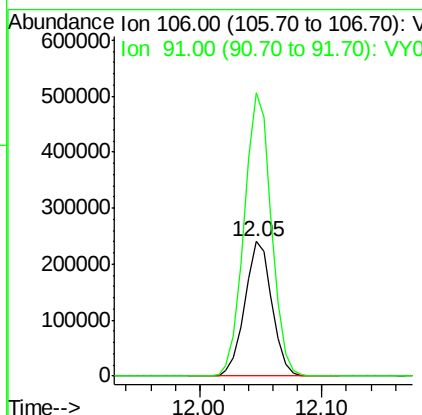
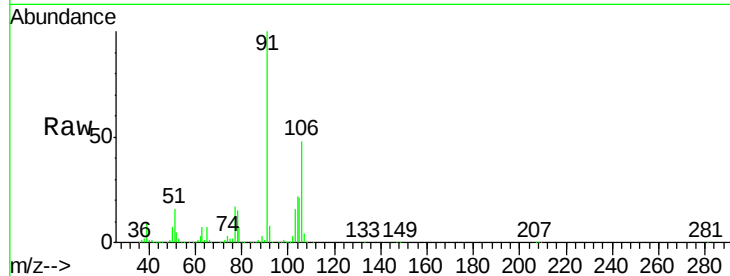
#69
o-Xylene
Concen: 54.316 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.02 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	210.3	107.9	323.8	

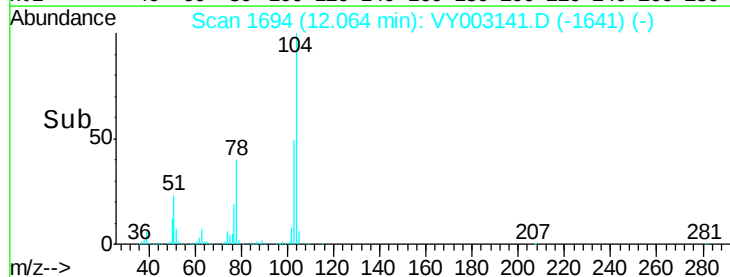
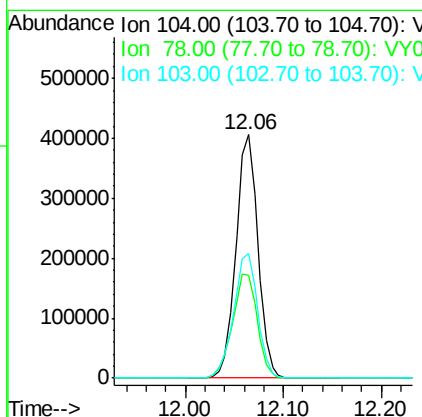
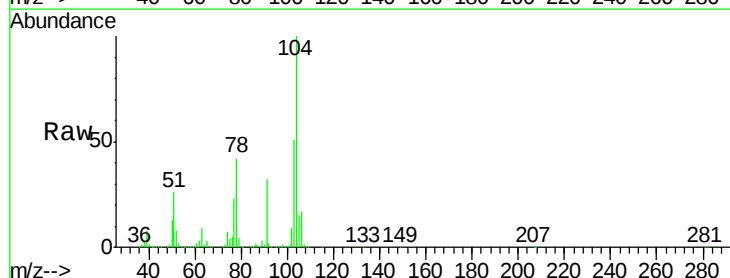
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#70
Styrene
Concen: 54.355 ug/l
RT: 12.06 min Scan# 1694
Delta R.T. 0.02 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	48.3	40.4	60.6	
103	55.9	44.1	66.1	





#71

Bromoform

Concen: 55.004 ug/l

RT: 12.23 min Scan# 1721

Delta R.T. 0.02 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Instrument :

MSVOA_Y

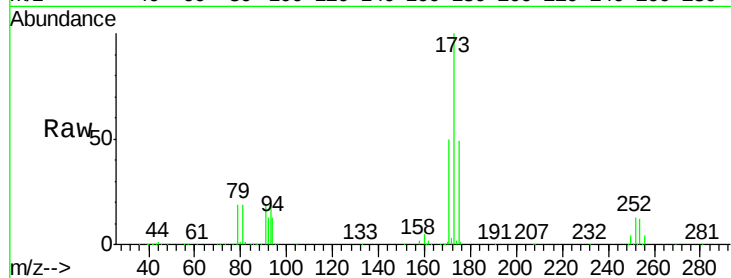
ClientSampleId :

VSTDCCC050

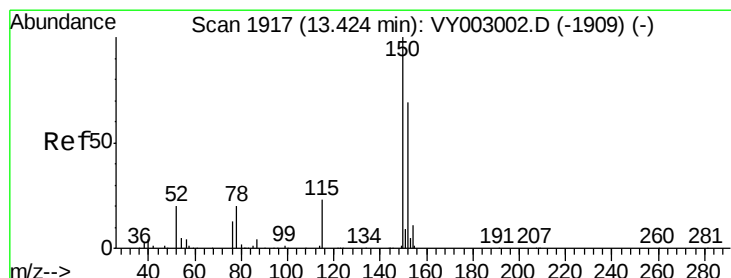
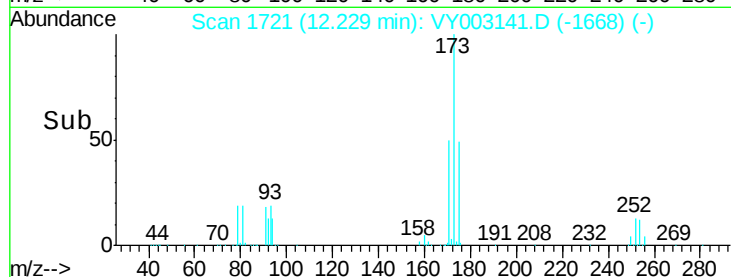
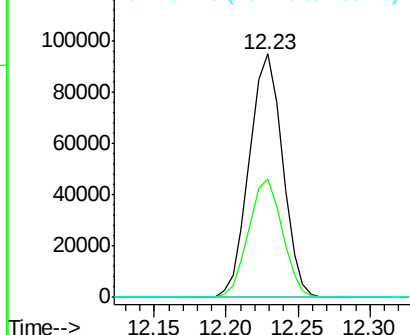
Tot Ion:	173	Resp:	152210
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.6	73.6
254	0.2	0.2	0.2

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

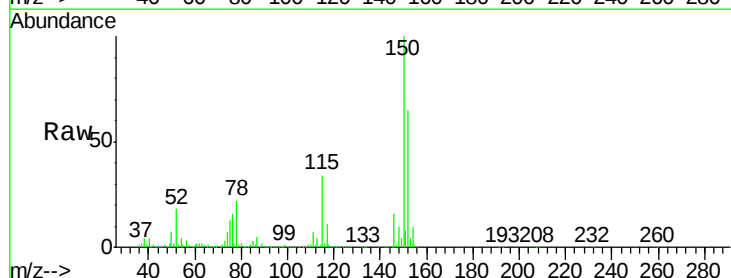
RT: 13.47 min Scan# 1925

Delta R.T. 0.05 min

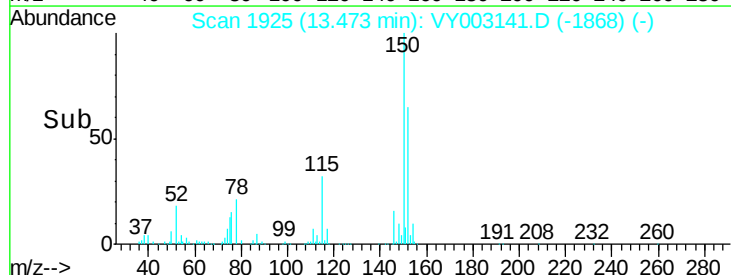
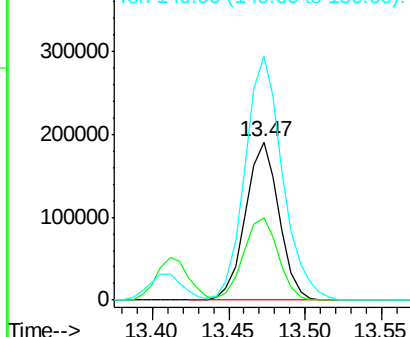
Lab File: VY003141.D

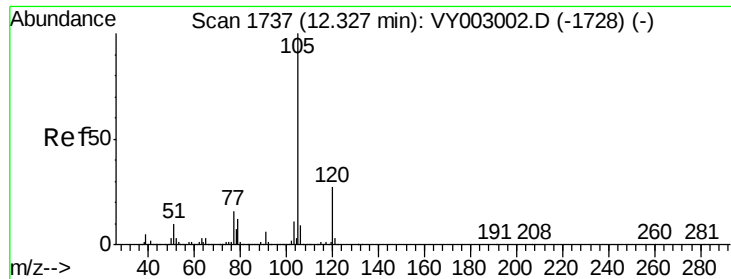
Acq: 09 Jul 2020 11:11

Tgt Ion:	152	Resp:	289898
Ion Ratio	Lower	Upper	
152	100		
115	54.5	27.3	81.9
150	173.1	0.0	343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.108 ug/l

RT: 12.35 min Scan# 1741

Delta R.T. 0.02 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1007602

Ion Ratio Lower Upper

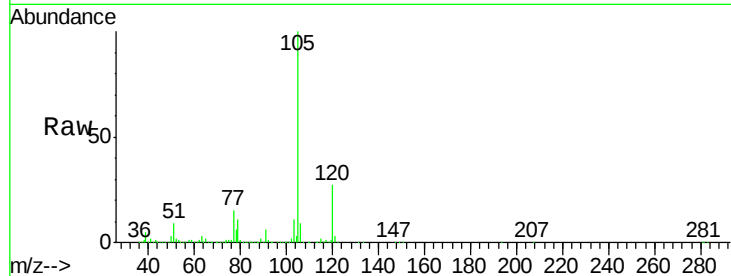
105 100

120 27.2 13.4 40.1

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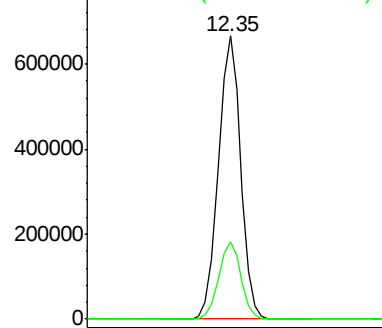
MMDadoda

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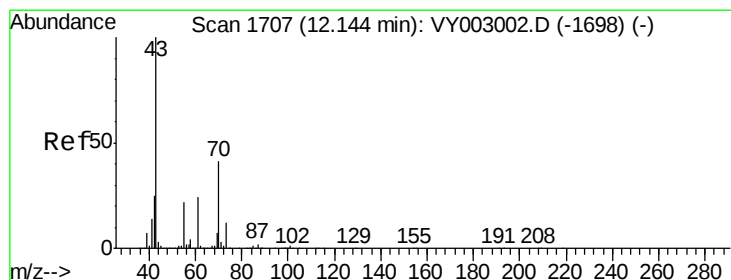
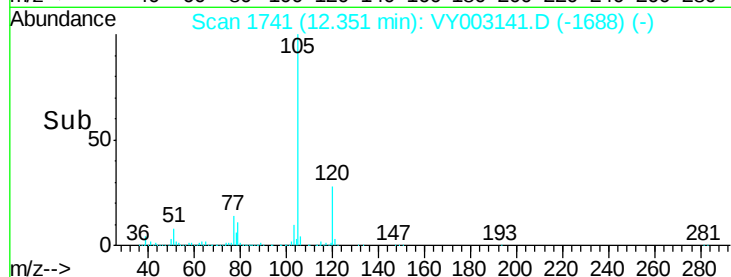


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 48.164 ug/l

RT: 12.16 min Scan# 1710

Delta R.T. 0.02 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Tgt Ion: 43 Resp: 297481

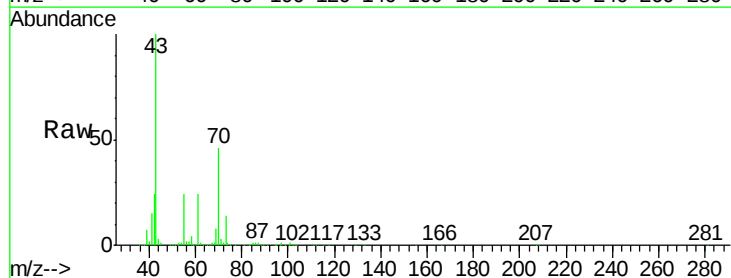
Ion Ratio Lower Upper

43 100

70 45.4 33.0 49.4

55 23.9 18.2 27.2

61 25.0 19.4 29.2

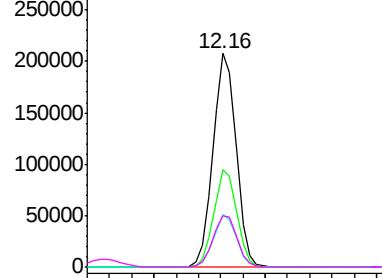


Abundance Ion 43.00 (42.70 to 43.70): VY0

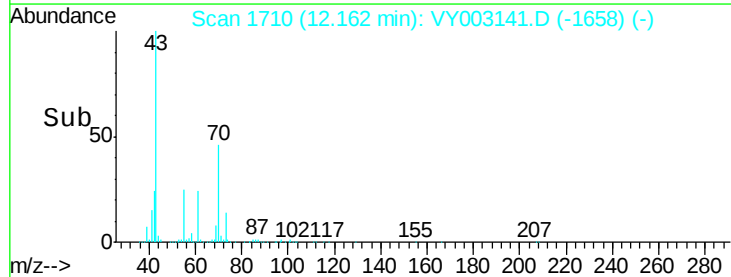
Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.082 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.02 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Instrument :

MSVOA_Y

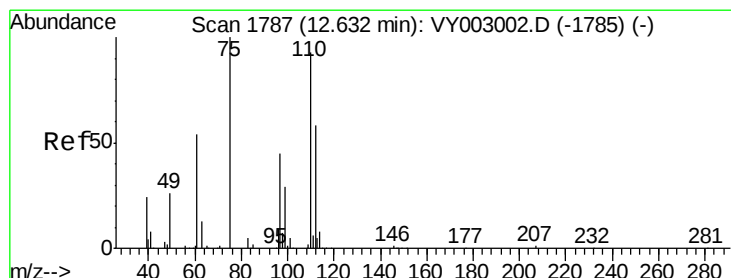
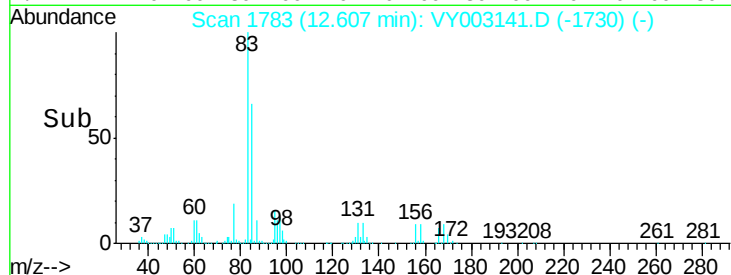
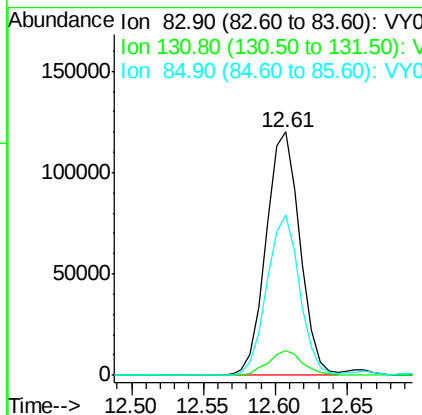
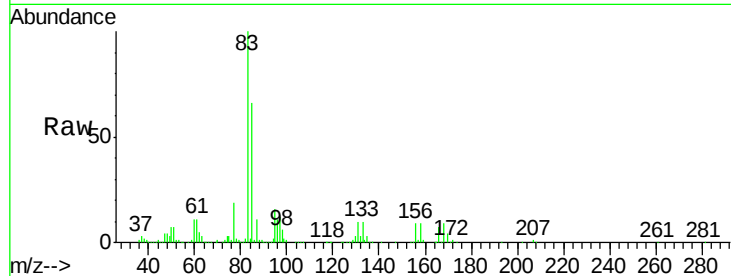
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	195579
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	16.1
85	64.2	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.120 ug/l m

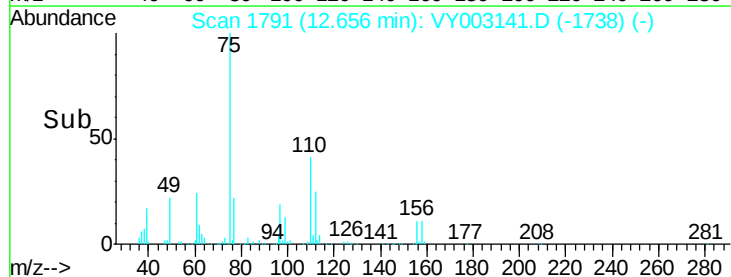
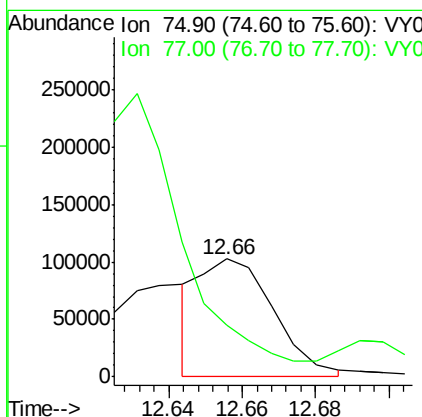
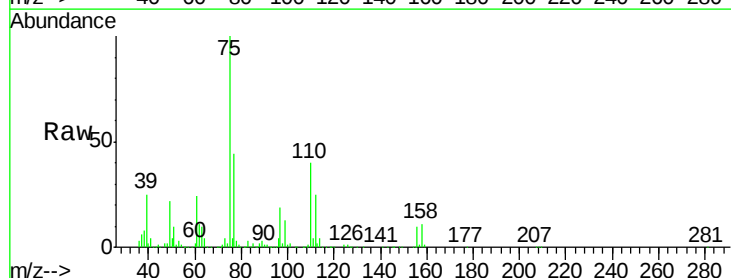
RT: 12.66 min Scan# 1791

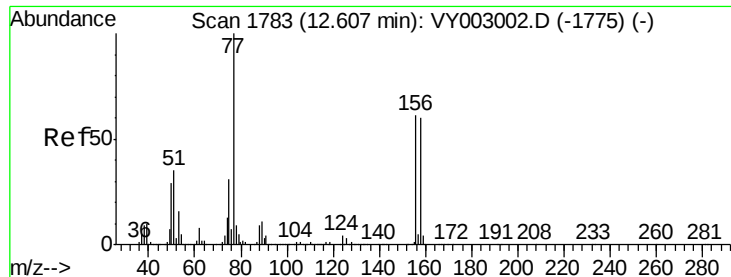
Delta R.T. 0.02 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Tgt Ion:	75	Resp:	143799
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





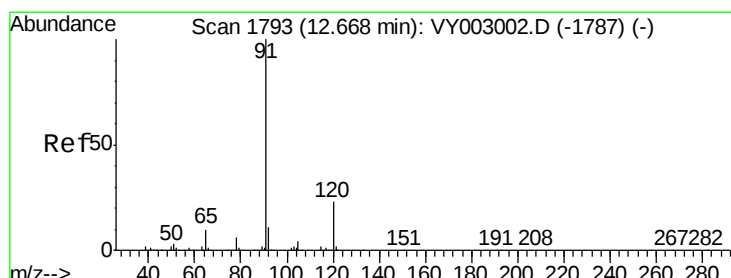
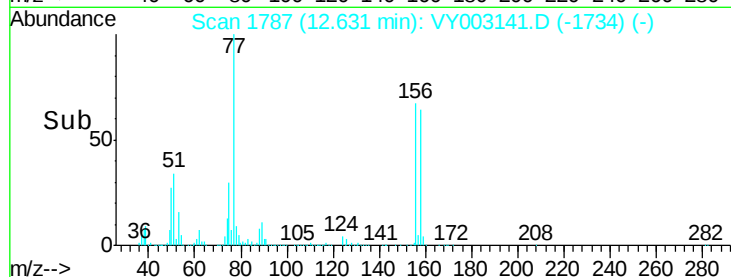
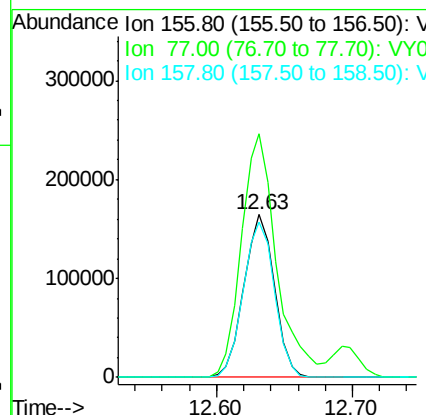
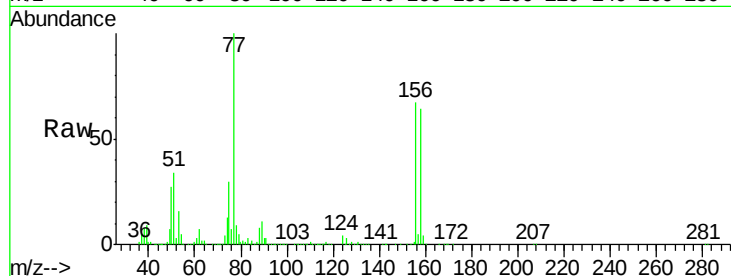
#77
Bromobenzene
Concen: 53.073 ug/l
RT: 12.63 min Scan# 1787
Delta R.T. 0.02 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	171.7	90.0	270.0
158	97.8	48.5	145.5

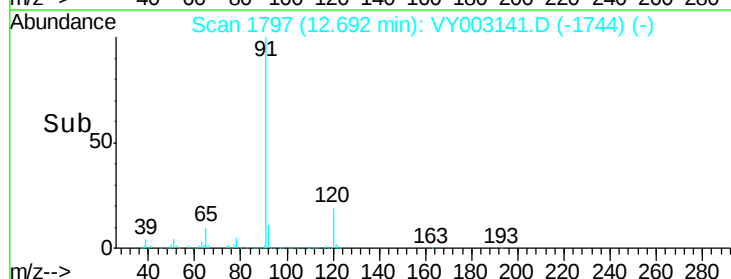
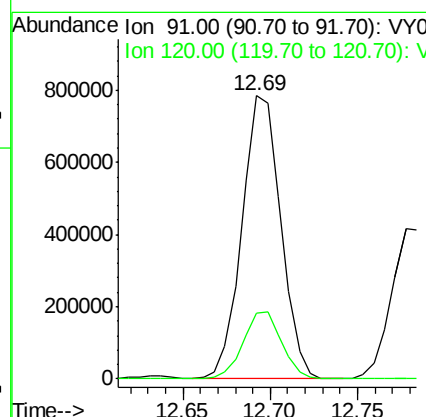
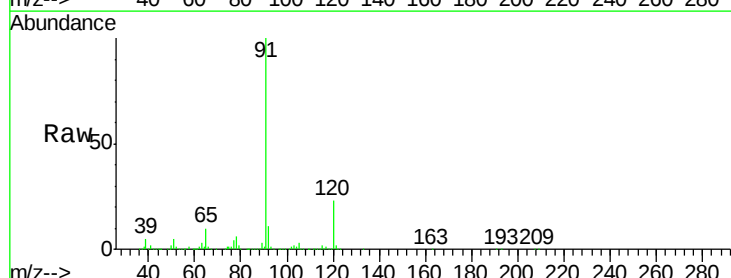
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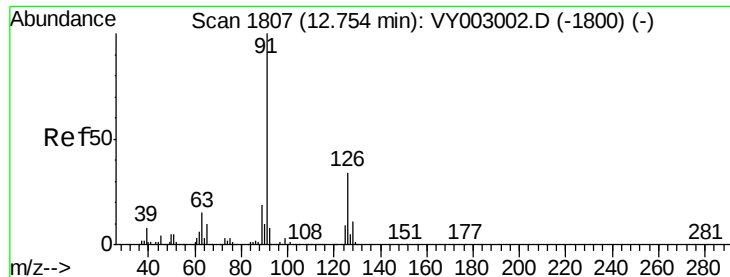
MMDadoda
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#78
n-propylbenzene
Concen: 52.928 ug/l
RT: 12.69 min Scan# 1797
Delta R.T. 0.02 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.5	34.5





#79

2-Chlorotoluene

Concen: 52.063 ug/l

RT: 12.78 min Scan# 1811

Delta R.T. 0.02 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 663078

Ion Ratio Lower Upper

91 100

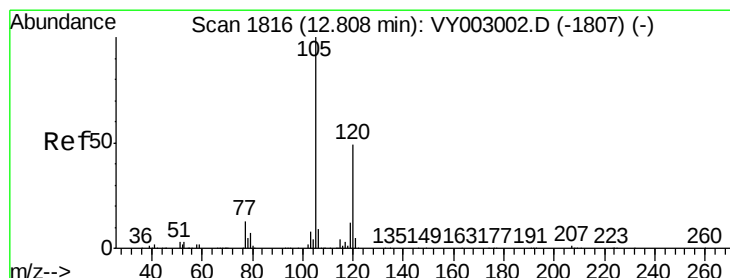
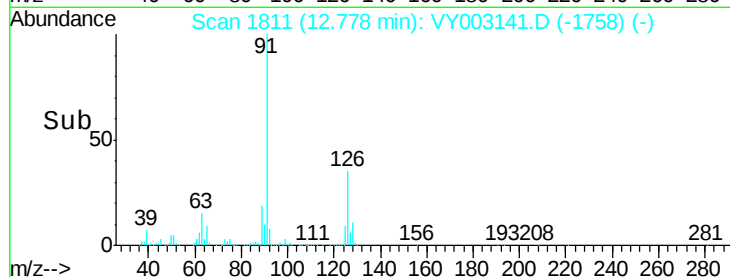
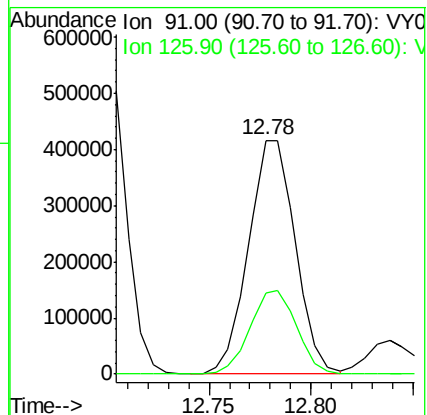
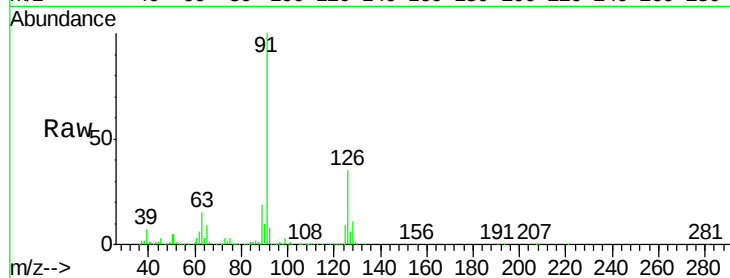
126 35.7 17.1 51.3

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#80

1,3,5-Trimethylbenzene

Concen: 53.433 ug/l

RT: 12.84 min Scan# 1821

Delta R.T. 0.03 min

Lab File: VY003141.D

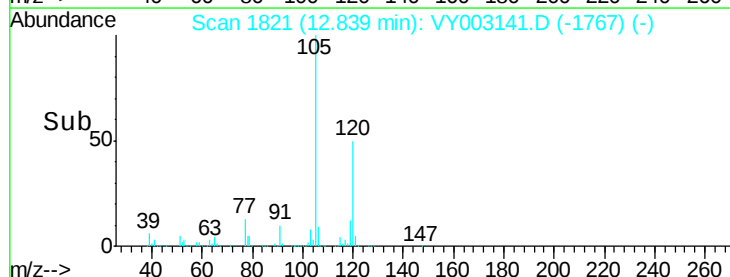
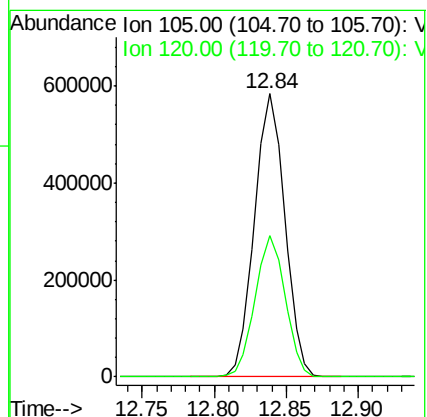
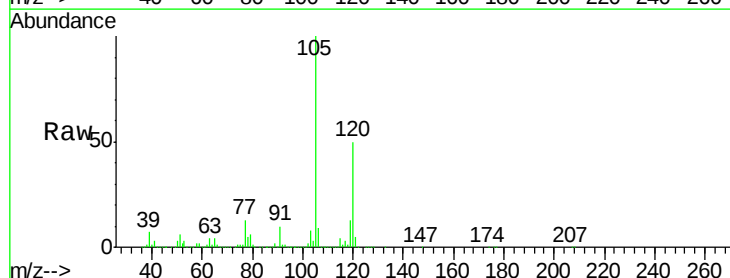
Acq: 09 Jul 2020 11:11

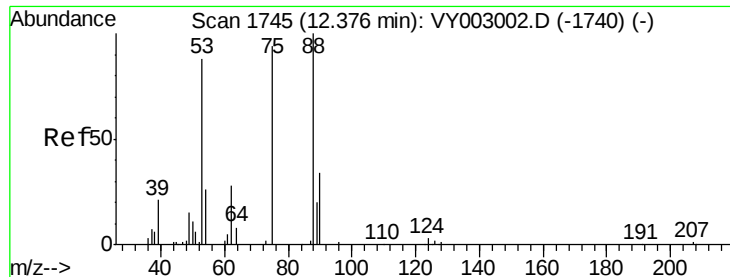
Tgt Ion: 105 Resp: 850698

Ion Ratio Lower Upper

105 100

120 49.7 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.405 ug/l m

RT: 12.40 min Scan# 1749

Delta R.T. 0.02 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Instrument :

MSVOA_Y

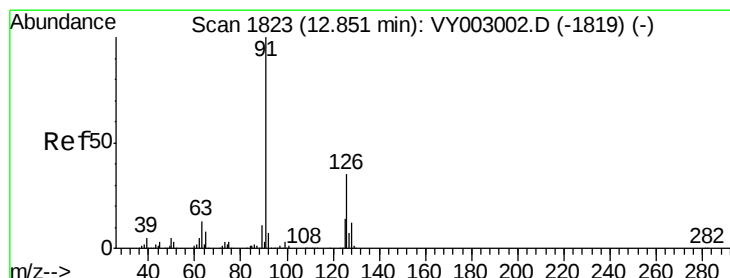
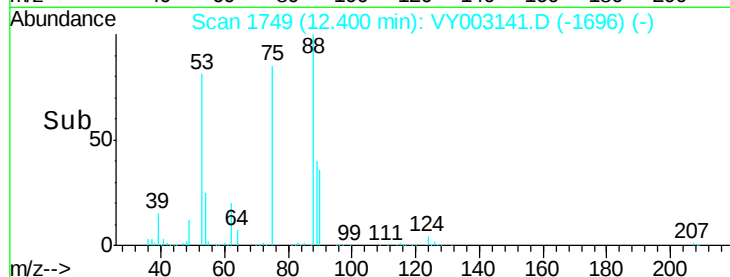
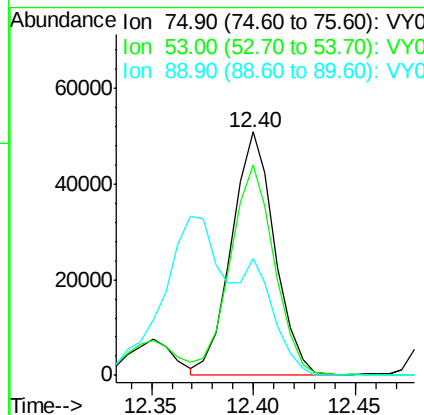
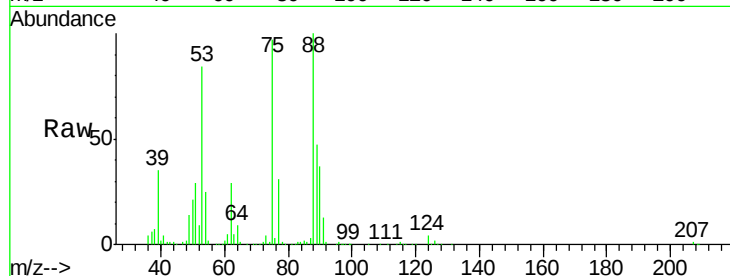
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	74331
Ion	Ratio	Lower	Upper
75	100		
53	17.0	73.9	110.9#
89	88.9	37.5	56.3#

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#82

4-Chlorotoluene

Concen: 53.206 ug/l

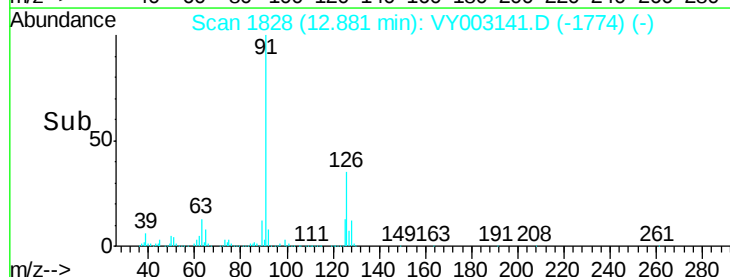
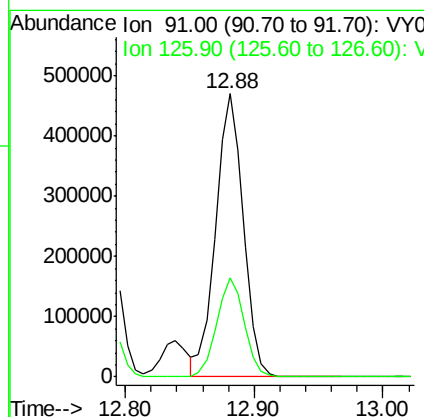
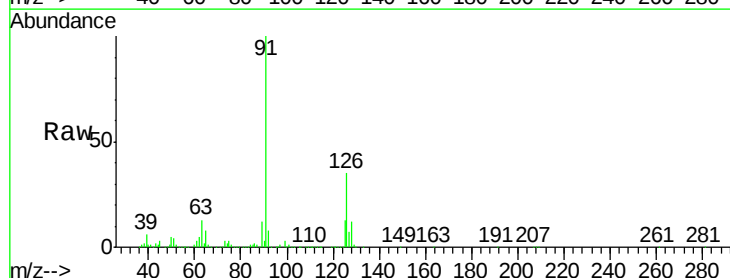
RT: 12.88 min Scan# 1828

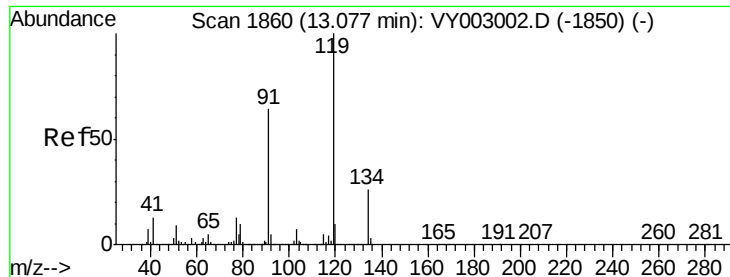
Delta R.T. 0.03 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Tgt Ion:	91	Resp:	705519
Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.4	52.3





#83

tert-Butylbenzene

Concen: 52.879 ug/l

RT: 13.11 min Scan# 1865

Delta R.T. 0.03 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Instrument :

MSVOA_Y

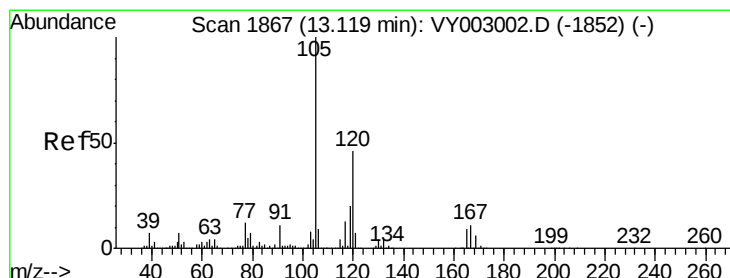
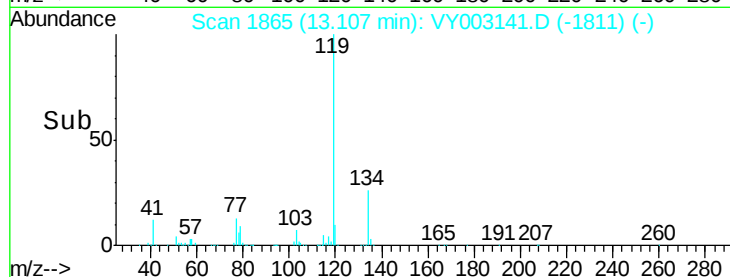
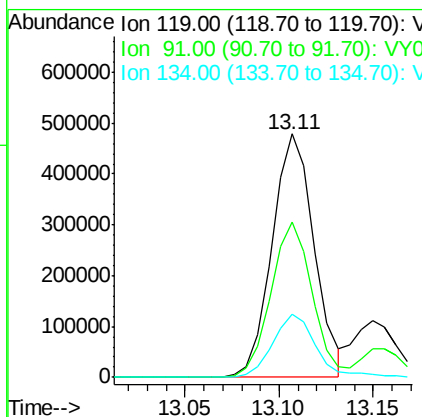
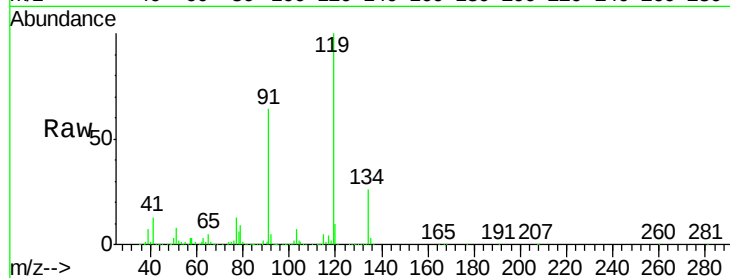
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	739224
Ion Ratio	Lower	Upper	
119	100		
91	63.2	31.6	95.0
134	26.6	13.2	39.5

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#84

1,2,4-Trimethylbenzene

Concen: 52.793 ug/l

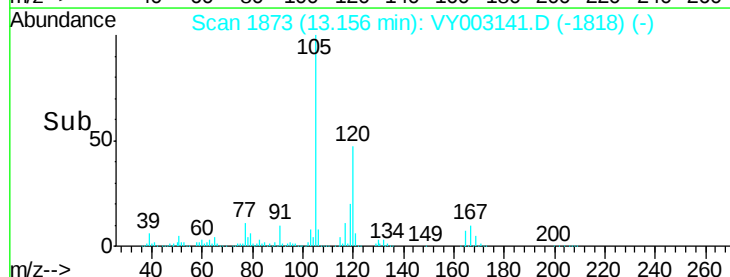
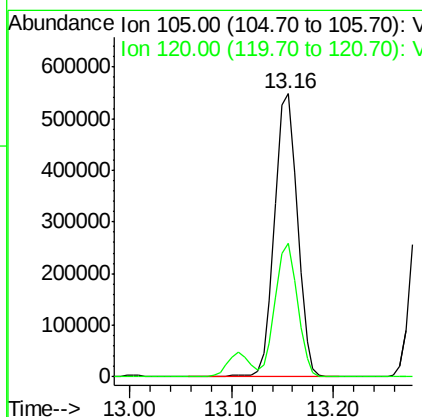
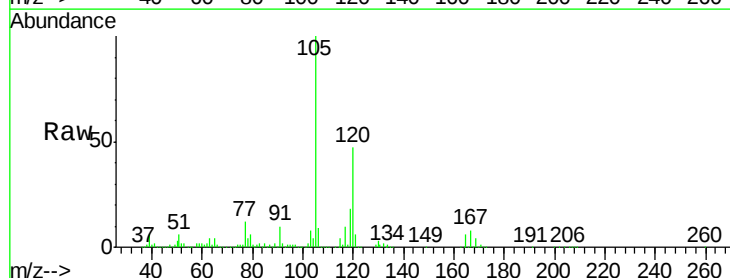
RT: 13.16 min Scan# 1873

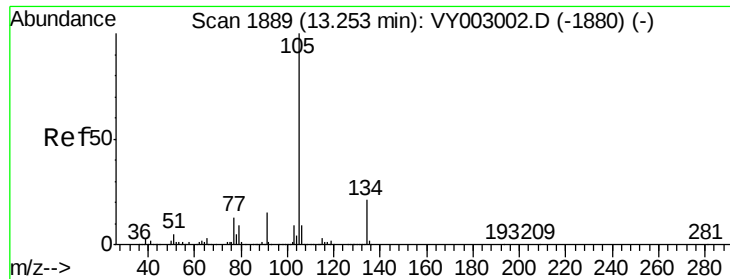
Delta R.T. 0.04 min

Lab File: VY003141.D

Acq: 09 Jul 2020 11:11

Tgt Ion:	105	Resp:	846939
Ion Ratio	Lower	Upper	
105	100		
120	46.2	22.6	67.8





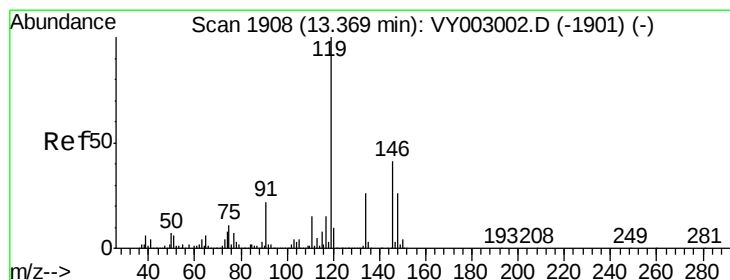
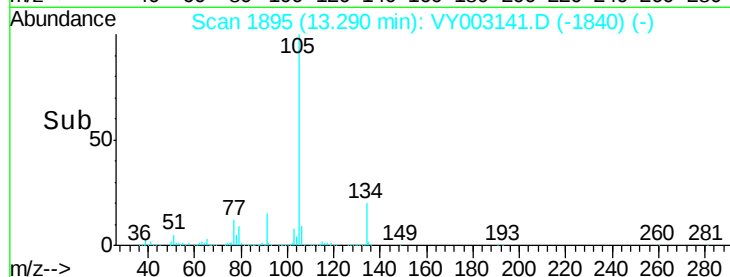
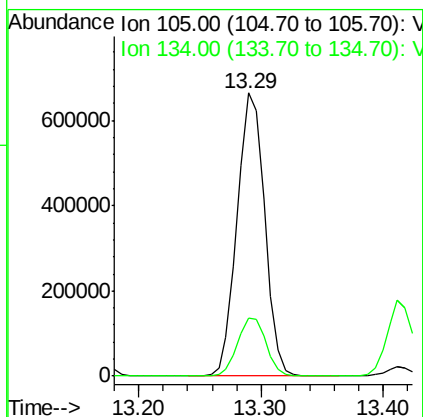
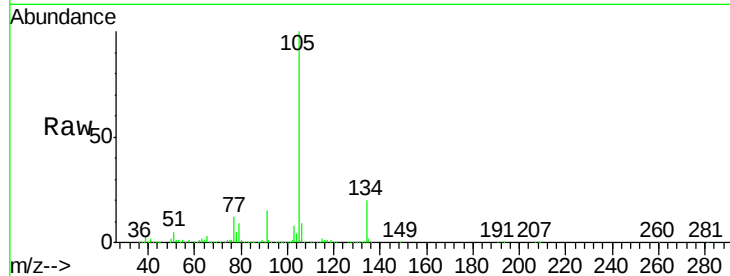
#85
 sec-Butylbenzene
 Concen: 53.880 ug/l
 RT: 13.29 min Scan# 1895
 Delta R.T. 0.04 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1038206
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.2

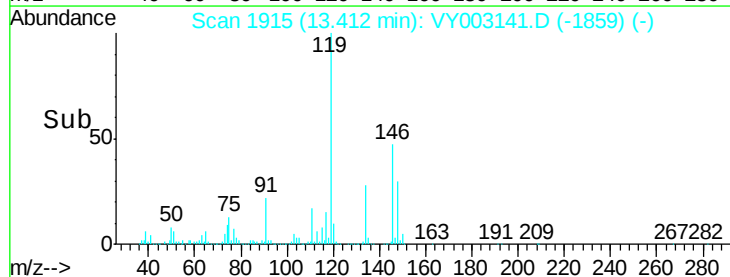
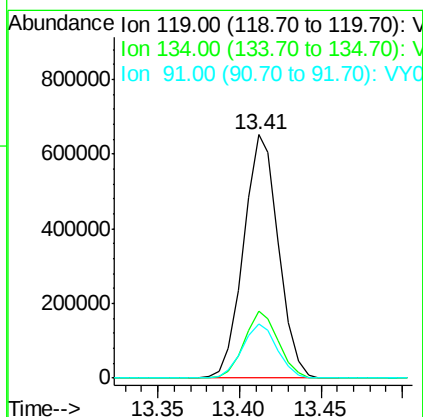
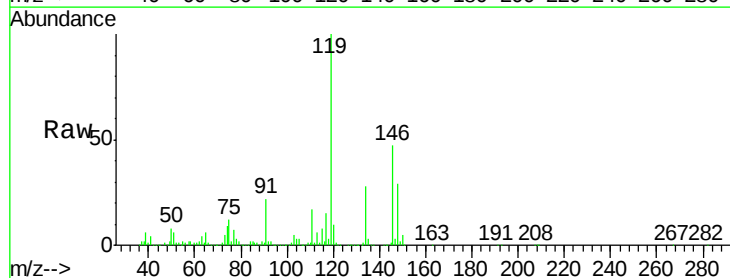
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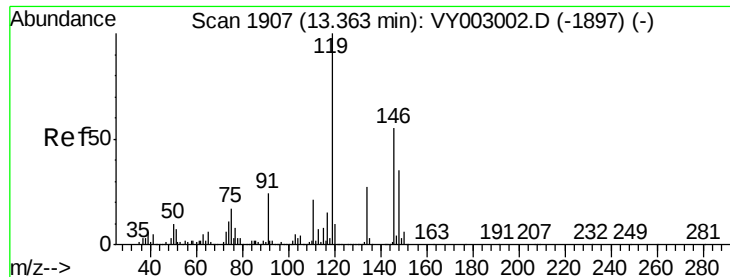
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#86
 p-Isopropyltoluene
 Concen: 54.192 ug/l
 RT: 13.41 min Scan# 1915
 Delta R.T. 0.04 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Tgt Ion:119 Resp: 967577
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.4
 91 22.2 11.5 34.5





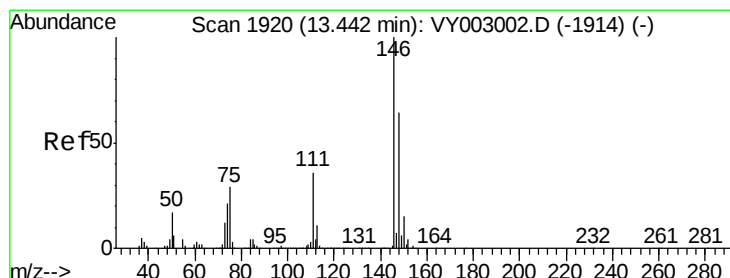
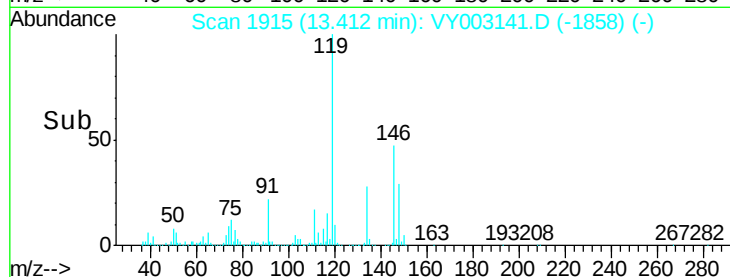
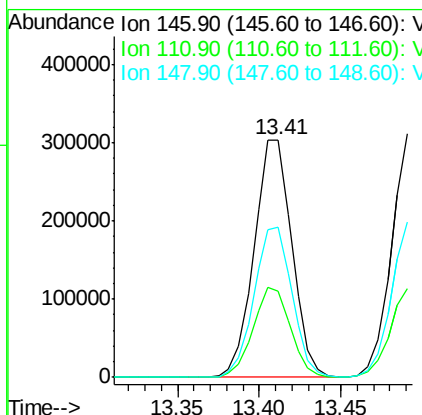
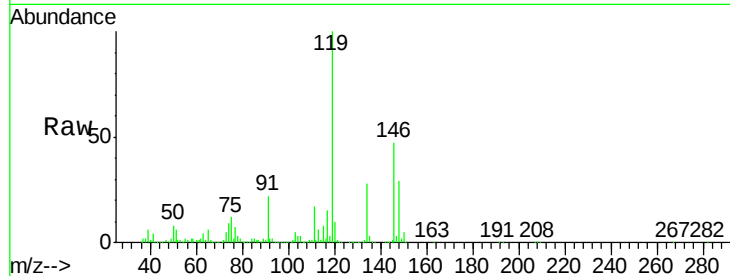
#87
 1,3-Dichlorobenzene
 Concen: 54.057 ug/l
 RT: 13.41 min Scan# 1915
 Delta R.T. 0.05 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.3
148	63.3	31.8	95.3

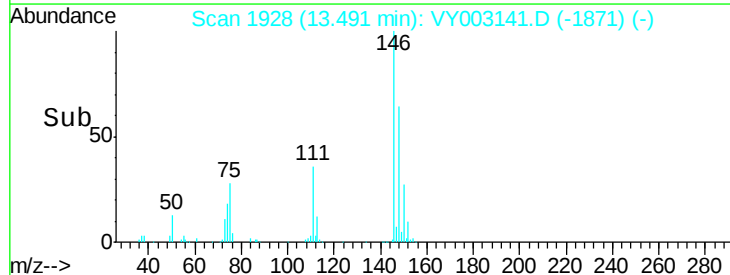
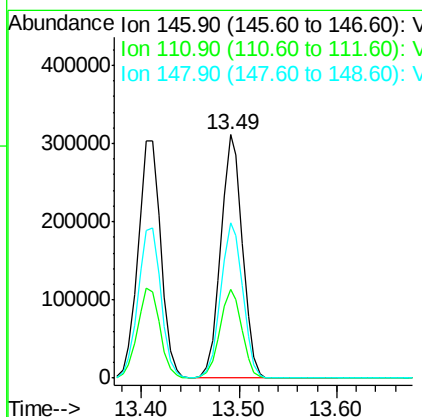
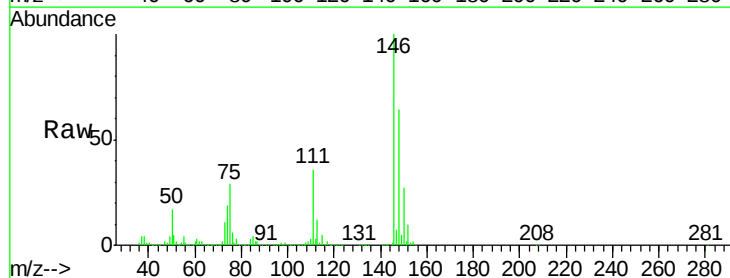
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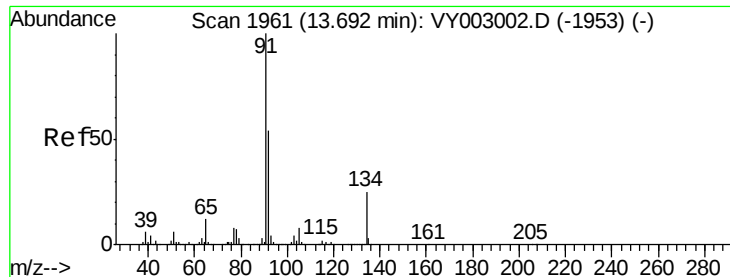
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#88
 1,4-Dichlorobenzene
 Concen: 53.294 ug/l m
 RT: 13.49 min Scan# 1928
 Delta R.T. 0.05 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.4	55.4
148	65.1	32.3	96.9





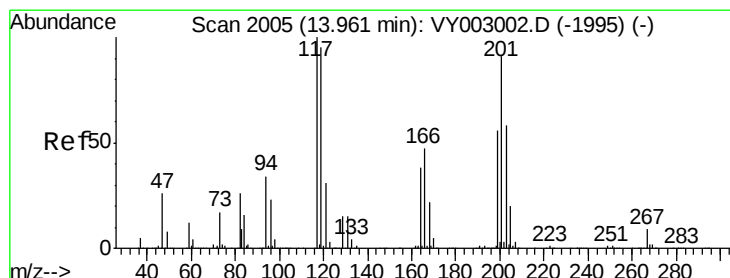
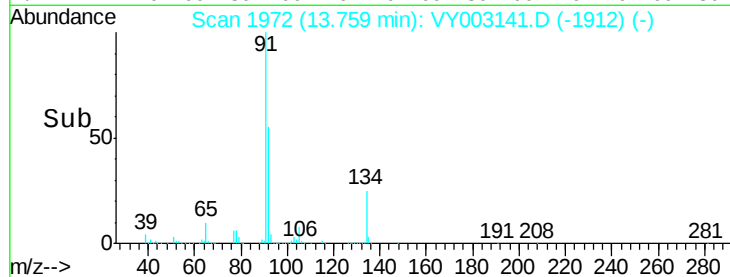
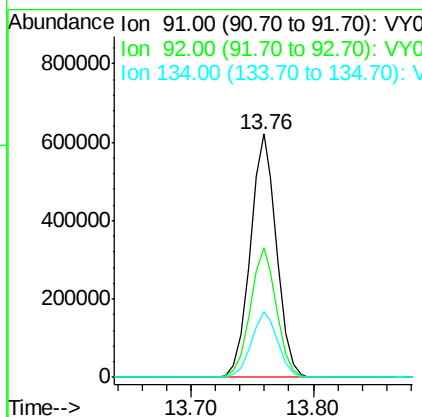
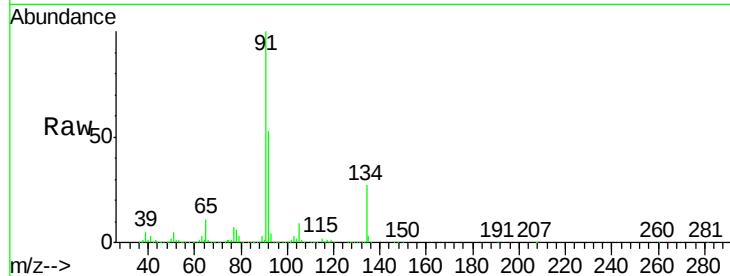
#89
n-Butylbenzene
Concen: 53.859 ug/l
RT: 13.76 min Scan# 1972
Delta R.T. 0.07 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.8	80.3
134	27.1	13.1	39.1

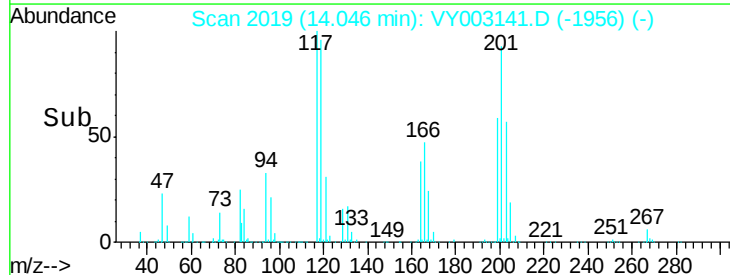
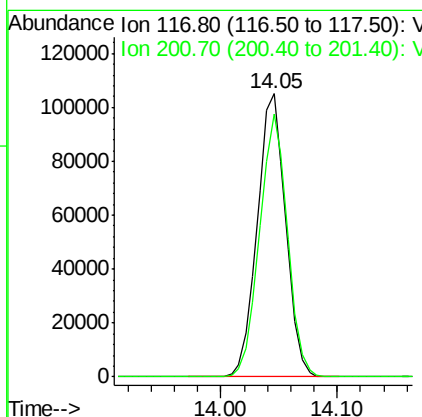
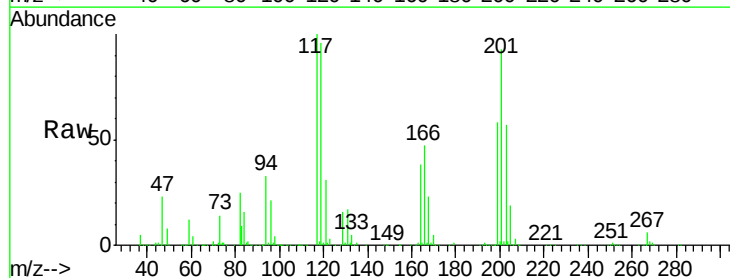
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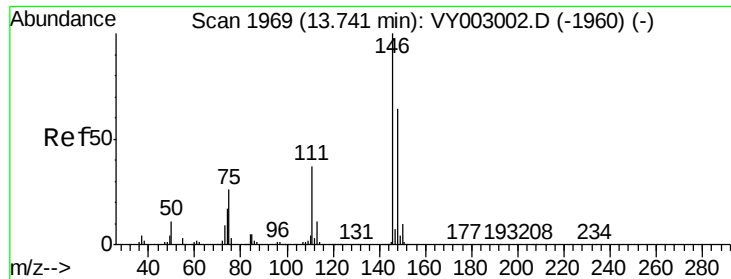
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#90
Hexachloroethane
Concen: 50.464 ug/l
RT: 14.05 min Scan# 2019
Delta R.T. 0.09 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.8	45.5	136.4





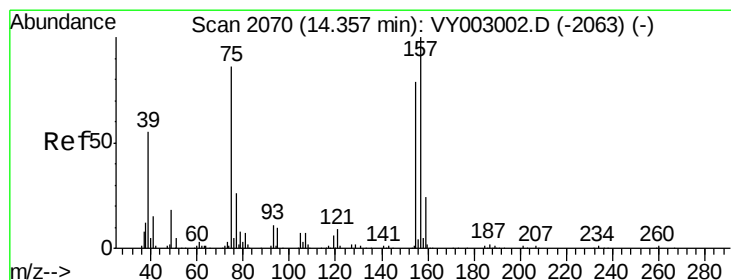
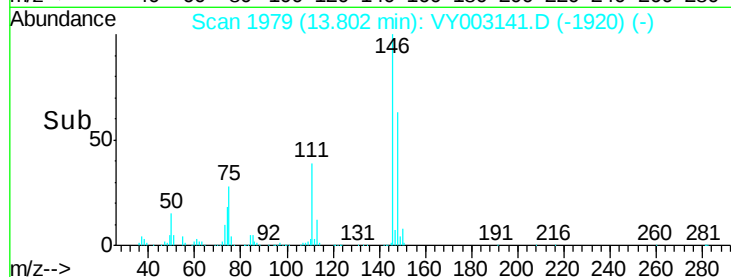
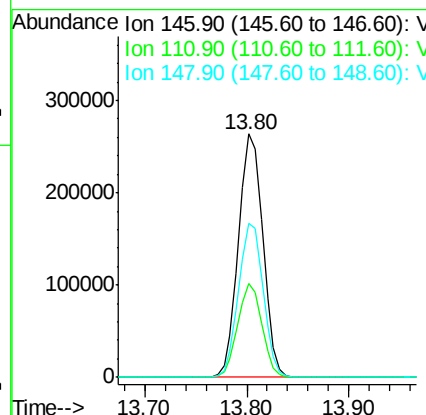
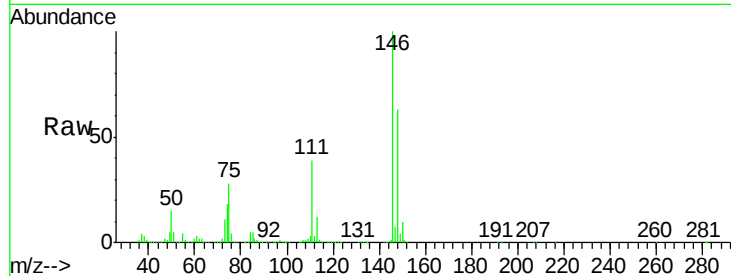
#91
 1,2-Dichlorobenzene
 Concen: 53.476 ug/l
 RT: 13.80 min Scan# 1979
 Delta R.T. 0.06 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.5
148	63.8	31.8	95.3

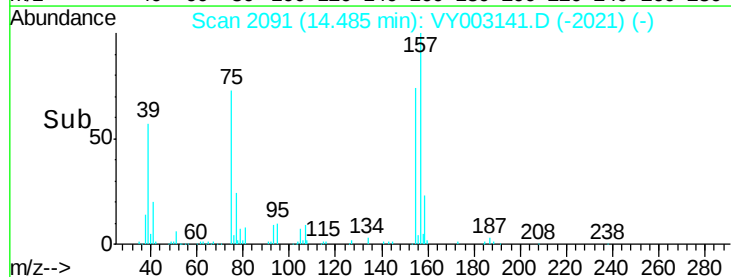
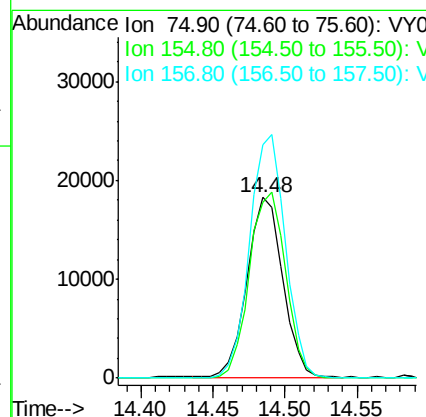
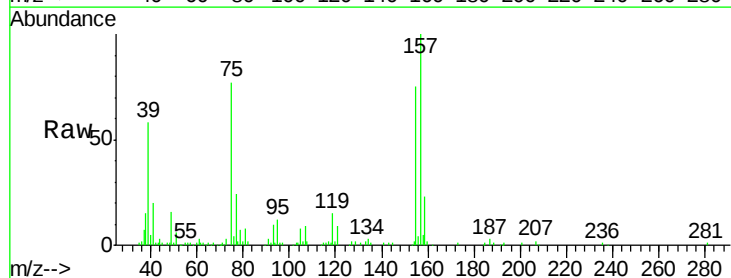
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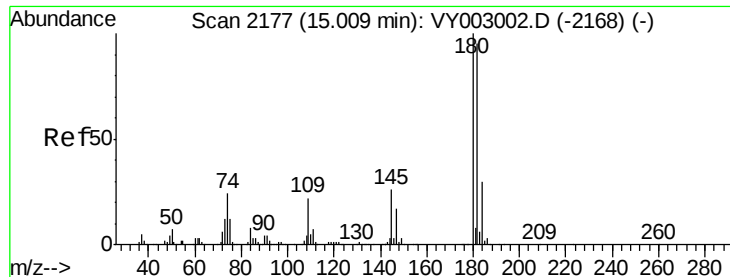
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.816 ug/l
 RT: 14.48 min Scan# 2091
 Delta R.T. 0.13 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.2	46.5	139.3
157	132.9	59.2	177.5





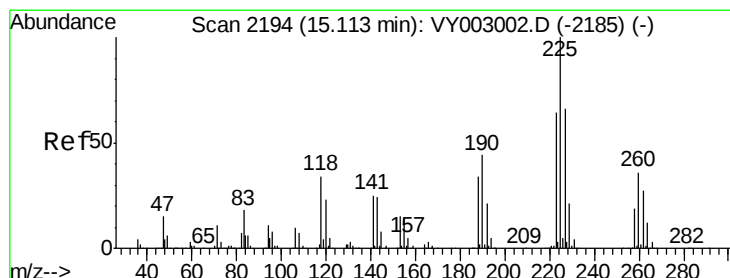
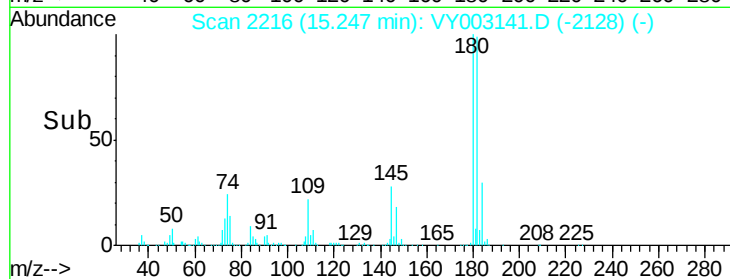
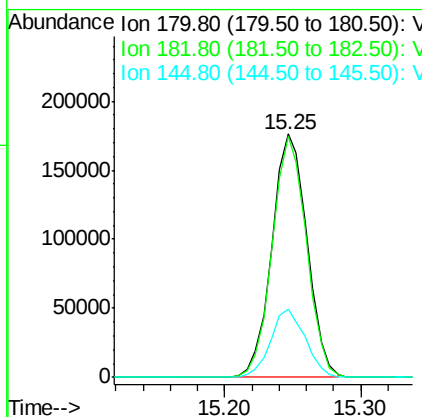
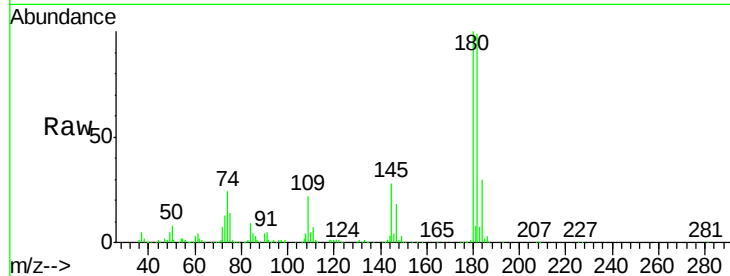
#93
 1,2,4-Trichlorobenzene
 Concen: 52.448 ug/l
 RT: 15.25 min Scan# 2216
 Delta R.T. 0.24 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	317564		
182	95.8	48.1	144.3	
145	27.7	13.9	41.6	

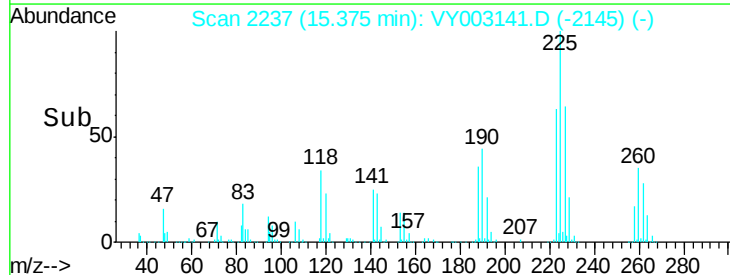
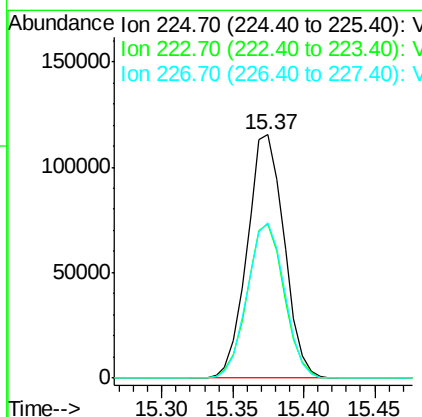
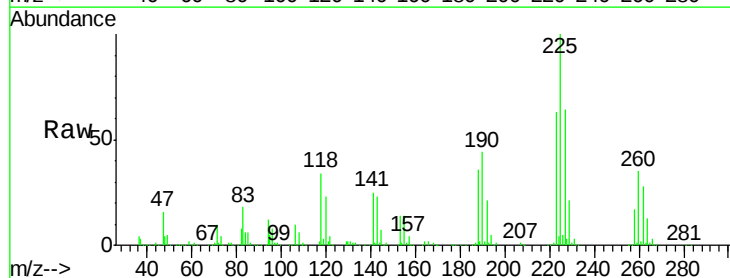
Manual Integrations
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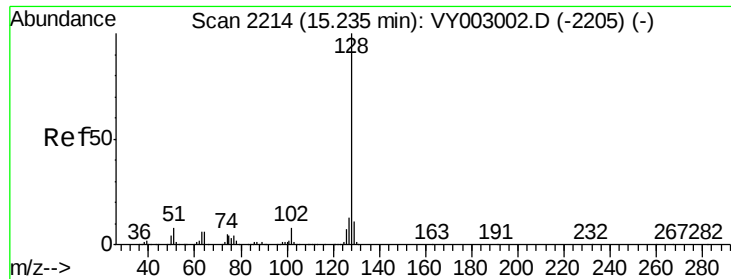
MMDadoda
 7/10/2020 12:18:30 PM



#94
 Hexachlorobutadiene
 Concen: 54.656 ug/l m
 RT: 15.37 min Scan# 2237
 Delta R.T. 0.26 min
 Lab File: VY003141.D
 Acq: 09 Jul 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	208740		
223	58.4	32.4	97.0	
227	59.0	32.4	97.2	





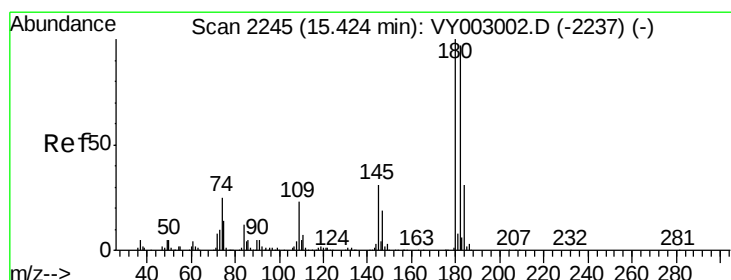
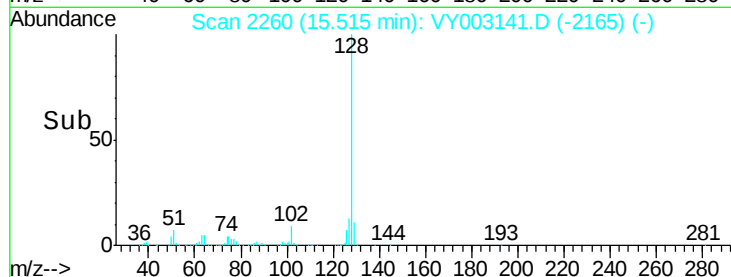
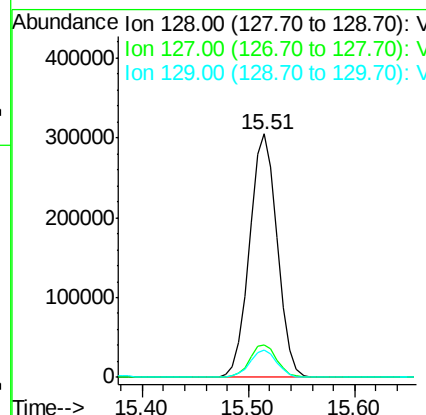
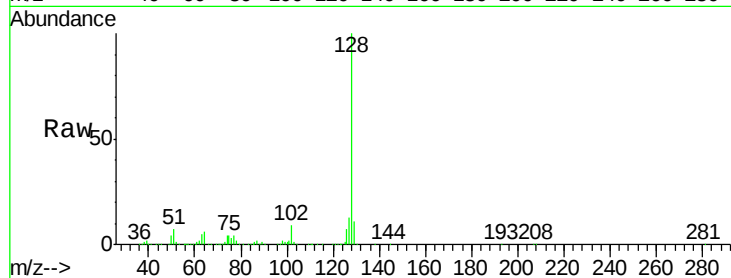
#95
Naphthalene
Concen: 50.212 ug/l m
RT: 15.51 min Scan# 2260
Delta R.T. 0.28 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.8	13.2#

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 50.108 ug/l m
RT: 15.73 min Scan# 2296
Delta R.T. 0.31 min
Lab File: VY003141.D
Acq: 09 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	115.6	47.8	143.3
145	33.4	14.7	44.1

