

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
 Data File : VY003134.D
 Acq On : 08 Jul 2020 13:16
 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
 7/9/2020 10:48:49 AM

Quant Time: Jul 09 02:41:24 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	430541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	611045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	554837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	296821	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	199963	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	
35) Dibromofluoromethane	7.72	113	200803	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
50) Toluene-d8	10.18	98	729975	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.48	95	257265	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	157671	48.356	ug/l	99
3) Chloromethane	2.11	50	214177	44.856	ug/l	100
4) Vinyl Chloride	2.26	62	234052	50.253	ug/l	97
5) Bromomethane	2.65	94	164084	51.888	ug/l	94
6) Chloroethane	2.80	64	154327	52.087	ug/l	99
7) Trichlorofluoromethane	3.13	101	343146	52.200	ug/l	98
8) Diethyl Ether	3.54	74	112723	50.019	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	213325	54.349	ug/l	99
10) Methyl Iodide	4.10	142	266446	54.744	ug/l	98
11) Tert butyl alcohol	4.96	59	100652	230.965	ug/l	100
12) 1,1-Dichloroethene	3.88	96	197259	52.819	ug/l	94
13) Acrolein	3.74	56	91310	233.290	ug/l	99
14) Allyl chloride	4.49	41	294548	45.173	ug/l	96
15) Acrylonitrile	5.17	53	280981	241.922	ug/l	100
16) Acetone	3.95	43	218882	217.033	ug/l	99
17) Carbon Disulfide	4.20	76	576086	48.280	ug/l	99
18) Methyl Acetate	4.49	43	124426	45.794	ug/l	93
19) Methyl tert-butyl Ether	5.22	73	556652	51.134	ug/l	97
20) Methylene Chloride	4.72	84	223061	49.494	ug/l	91
21) trans-1,2-Dichloroethene	5.23	96	222224	52.605	ug/l	91
22) Diisopropyl ether	6.13	45	670353	47.967	ug/l	97
23) Vinyl Acetate	6.07	43	2199296	235.381	ug/l	97
24) 1,1-Dichloroethane	6.02	63	379923	49.766	ug/l	99
25) 2-Butanone	6.99	43	361068	225.381	ug/l	97
26) 2,2-Dichloropropane	6.99	77	353732	50.999	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	248669	52.482	ug/l	95
28) Bromochloromethane	7.34	49	172057	50.653	ug/l	88
29) Tetrahydrofuran	7.35	42	244249	229.265	ug/l	92
30) Chloroform	7.51	83	396927	52.482	ug/l	99
31) Cyclohexane	7.79	56	350185	46.562	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	358807	51.974	ug/l	99
36) 1,1-Dichloropropene	7.92	75	309793	52.634	ug/l	98
37) Ethyl Acetate	7.08	43	170456	48.167	ug/l	96
38) Carbon Tetrachloride	7.91	117	331908	54.199	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	389888	53.427	ug/l	97
40) Benzene	8.16	78	854761	53.045	ug/l	98
41) Methacrylonitrile	7.33	41	108714m	57.508	ug/l	
42) 1,2-Dichloroethane	8.24	62	261480	51.294	ug/l	99
43) Isopropyl Acetate	8.28	43	323896	48.144	ug/l	95
44) Trichloroethene	8.94	130	267278	57.067	ug/l	99
45) 1,2-Dichloropropane	9.22	63	222356	51.291	ug/l	98
46) Dibromomethane	9.31	93	129669	53.554	ug/l	96
47) Bromodichloromethane	9.50	83	316134	53.322	ug/l	99
48) Methyl methacrylate	9.30	41	146649	47.890	ug/l	94
49) 1,4-Dioxane	9.30	88	32400	1096.201	ug/l	88
51) 4-Methyl-2-Pentanone	10.07	43	863340	248.286	ug/l	96
52) Toluene	10.24	92	549094	54.131	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	326810	52.576	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	375421	52.810	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	182054	54.109	ug/l	98
56) Ethyl methacrylate	10.51	69	260946	53.577	ug/l	94
57) 1,3-Dichloropropane	10.79	76	312718	52.944	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	647421	259.185	ug/l	97
59) 2-Hexanone	10.83	43	594824	244.739	ug/l	97
60) Dibromochloromethane	10.99	129	237686	55.201	ug/l	99
61) 1,2-Dibromoethane	11.09	107	180919	54.543	ug/l	99
64) Tetrachloroethene	10.72	164	288215	61.377	ug/l	97
65) Chlorobenzene	11.52	112	609722	55.732	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	239636	56.103	ug/l	99
67) Ethyl Benzene	11.59	91	1107890	55.354	ug/l	100
68) m/p-Xylenes	11.70	106	836121	112.245	ug/l	97
69) o-Xylene	12.03	106	389815	55.534	ug/l	98
70) Styrene	12.05	104	678450	56.576	ug/l	98
71) Bromoform	12.21	173	160206	56.249	ug/l	# 99
73) Isopropylbenzene	12.33	105	1087423	55.979	ug/l	100
74) N-amyl acetate	12.14	43	309452	48.933	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.58	83	202153	51.567	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	158367m	53.910	ug/l	
77) Bromobenzene	12.61	156	272500	54.711	ug/l	97
78) n-propylbenzene	12.67	91	1291915	55.300	ug/l	99
79) 2-Chlorotoluene	12.75	91	710112	54.456	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	907615	55.679	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	78268	51.837	ug/l	# 91
82) 4-Chlorotoluene	12.86	91	745494	54.909	ug/l	98
83) tert-Butylbenzene	13.08	119	804560	56.210	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	916661	55.806	ug/l	99
85) sec-Butylbenzene	13.25	105	1119318	56.735	ug/l	99
86) p-Isopropyltoluene	13.37	119	1039579	56.866	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	521514	56.084	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	514950	56.160	ug/l	99
89) n-Butylbenzene	13.70	91	993841	56.820	ug/l	99
90) Hexachloroethane	13.96	117	195972	53.985	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	465347	55.777	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	33589	48.402	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	335117	54.056	ug/l	99
94) Hexachlorobutadiene	15.11	225	226050	57.808	ug/l	97
95) Naphthalene	15.23	128	583000	51.487	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	276972	51.451	ug/l	99

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

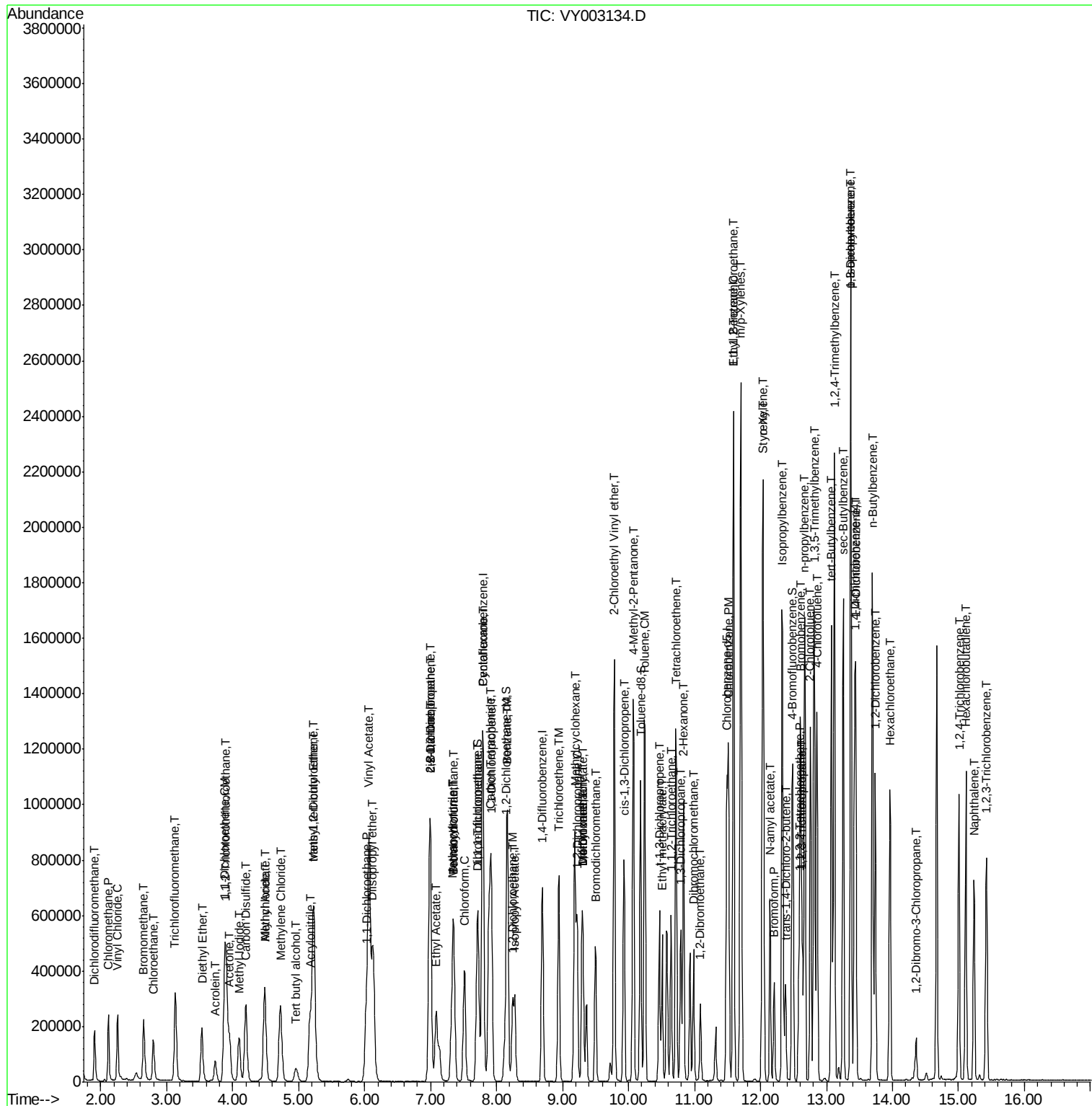
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070820\
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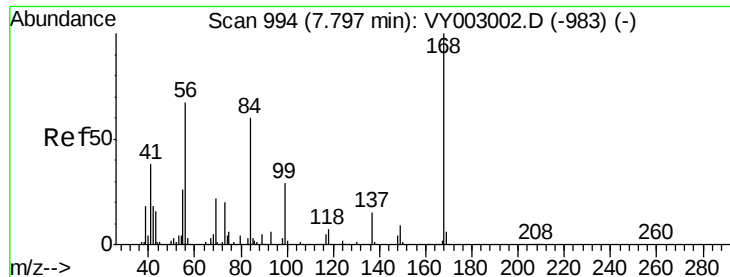
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 430541

Ion Ratio Lower Upper

168 100

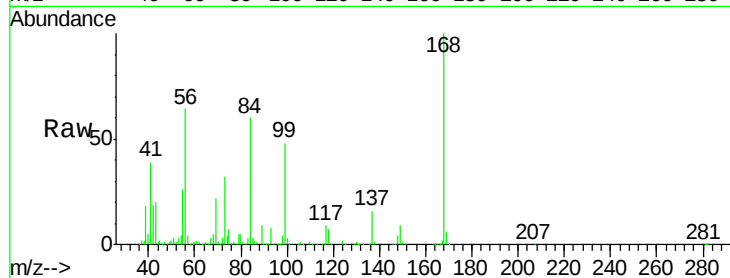
99 47.6 39.2 58.8

Manual Integrations

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7/9/2020 10:48:49 AM



Abundance Ion 167.90 (167.60 to 168.60): VY003134.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003134.D (-945) (-)

7.80

200000

150000

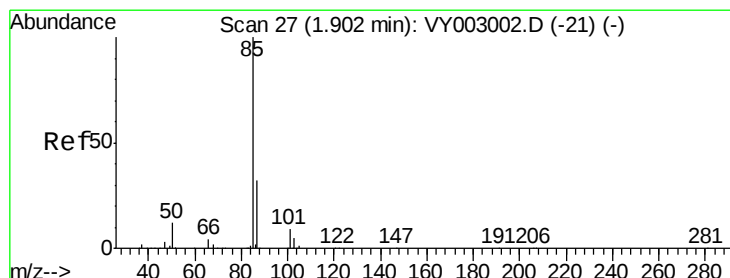
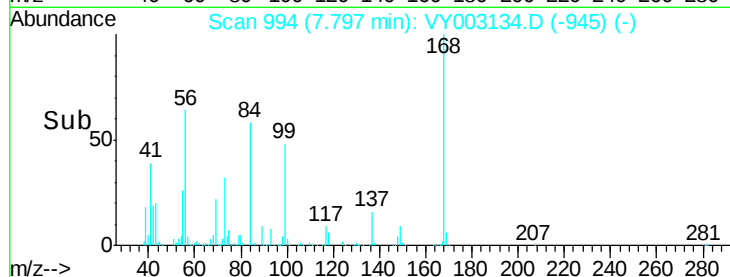
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.356 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003134.D

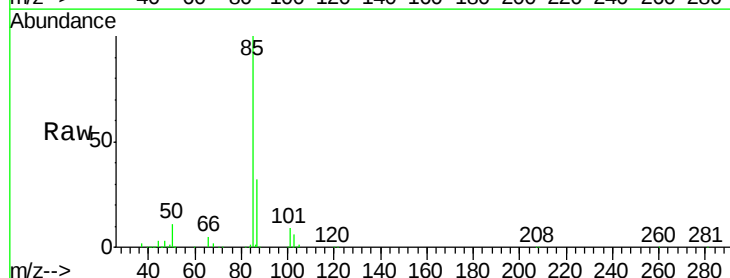
Acq: 08 Jul 2020 13:16

Tgt Ion: 85 Resp: 157671

Ion Ratio Lower Upper

85 100

87 32.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003134.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003134.D (-1) (-)

1.91

120000

100000

80000

60000

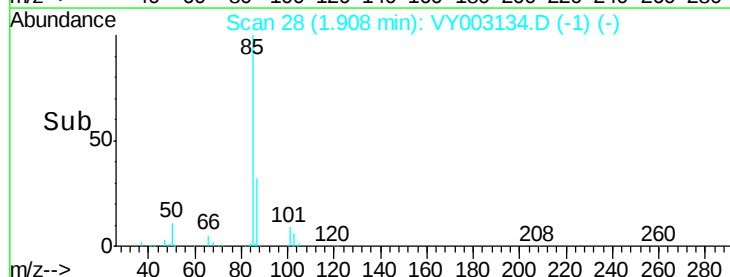
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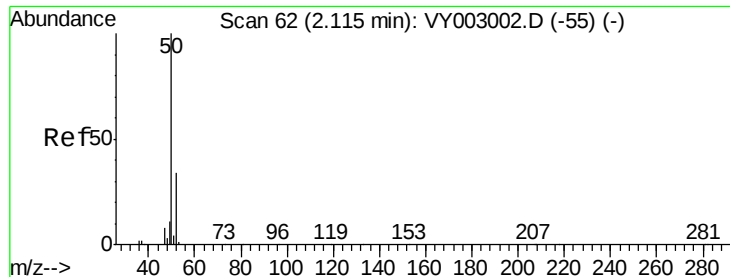
20000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 44.856 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 214177

Ion Ratio Lower Upper

50 100

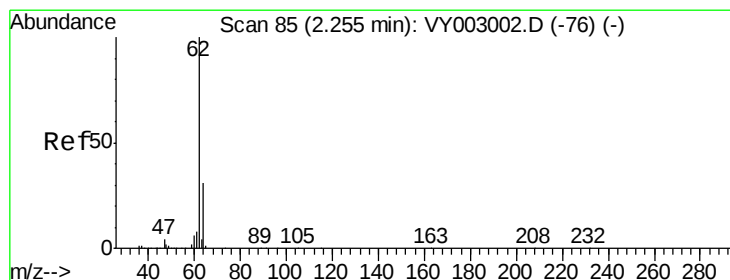
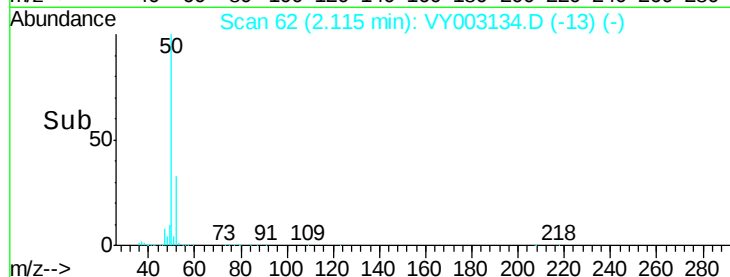
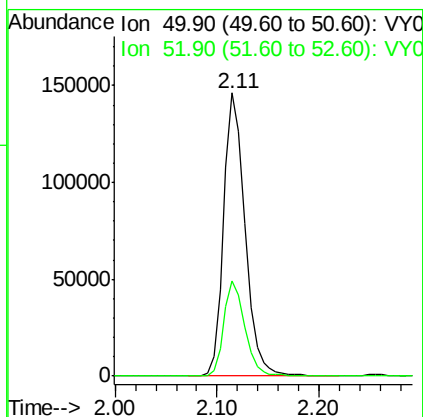
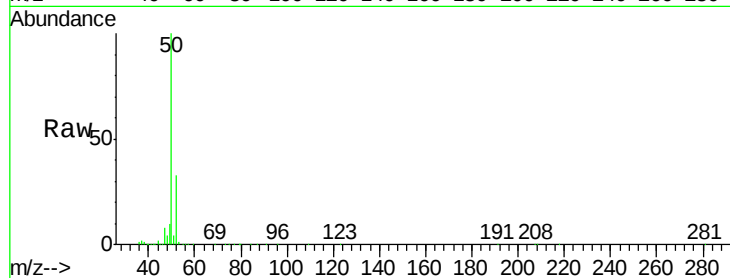
52 33.5 26.9 40.3

Manual Integrations

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7/9/2020 10:48:49 AM



#4

Vinyl Chloride

Concen: 50.253 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003134.D

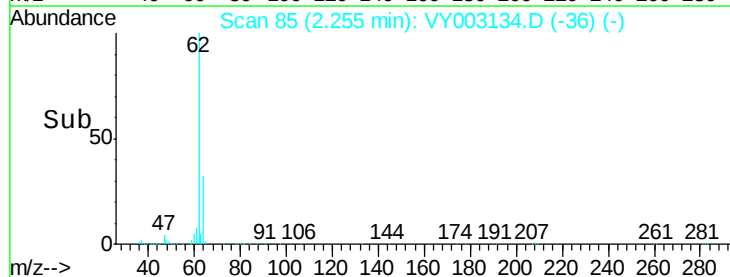
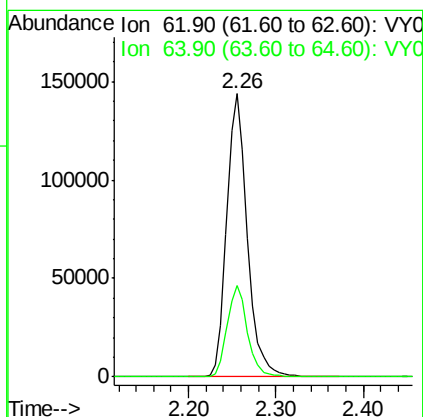
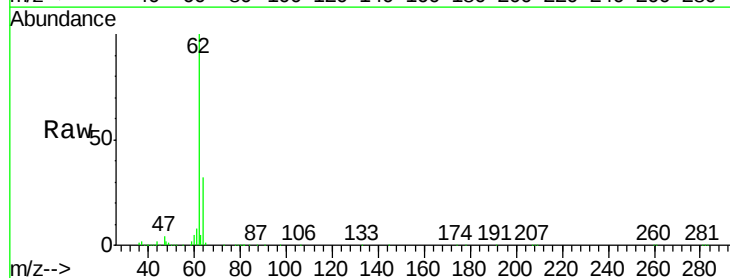
Acq: 08 Jul 2020 13:16

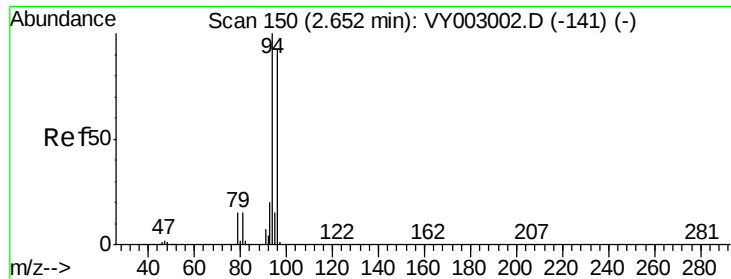
Tgt Ion: 62 Resp: 234052

Ion Ratio Lower Upper

62 100

64 32.1 24.4 36.6





#5

Bromomethane

Concen: 51.888 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 164084

Ion Ratio Lower Upper

94 100

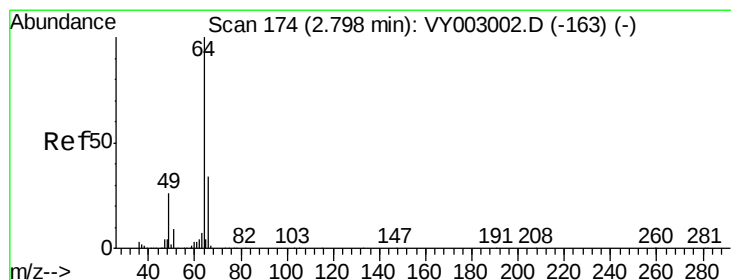
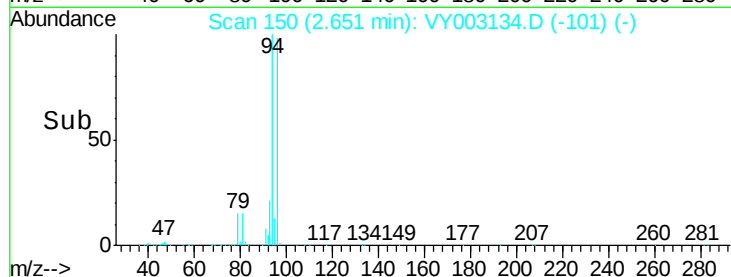
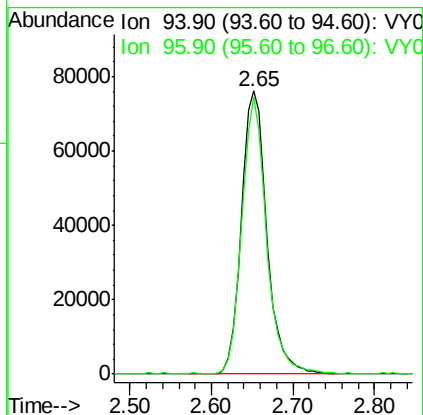
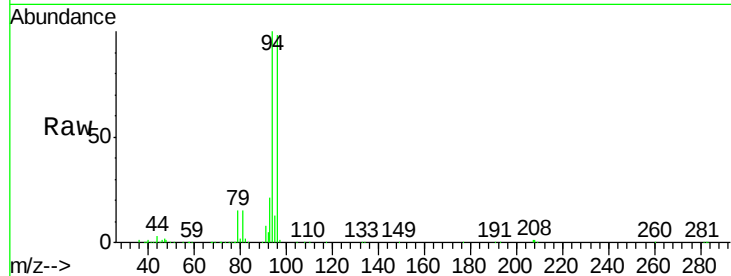
96 97.6 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 52.087 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003134.D

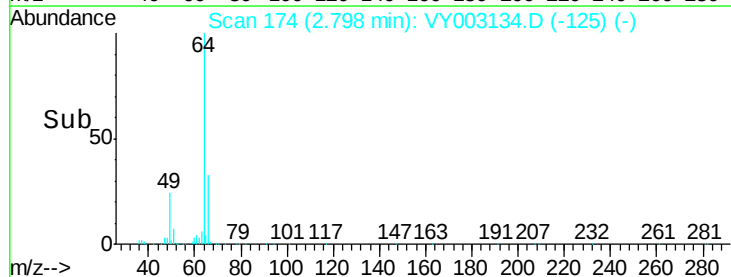
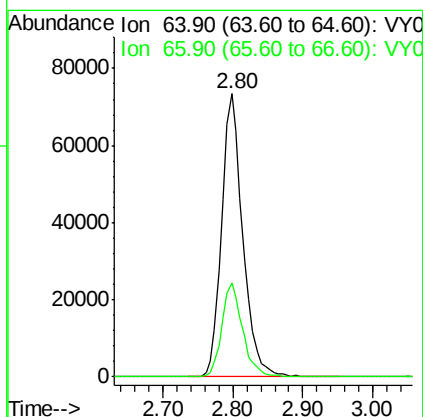
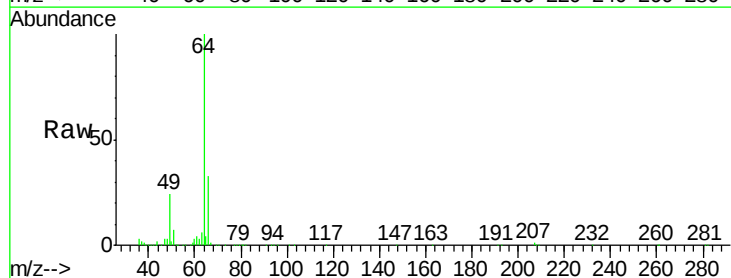
Acq: 08 Jul 2020 13:16

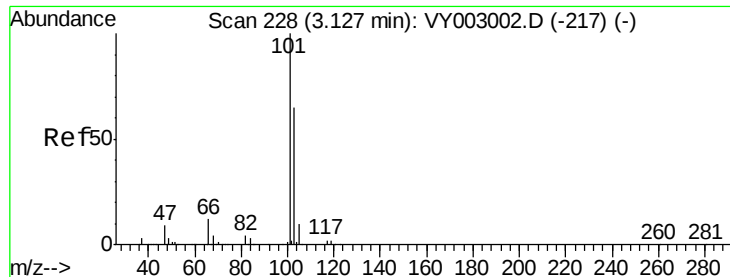
Tgt Ion: 64 Resp: 154327

Ion Ratio Lower Upper

64 100

66 33.0 27.0 40.4





#7

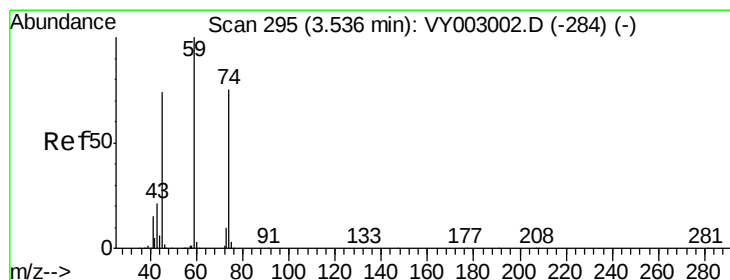
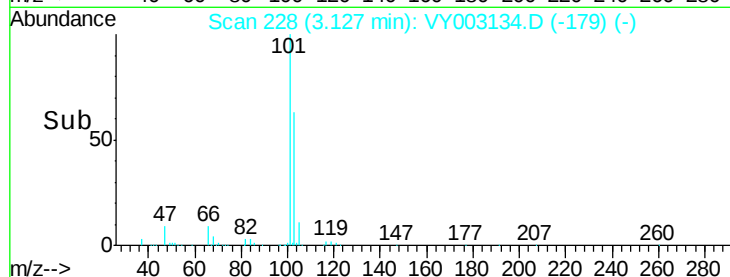
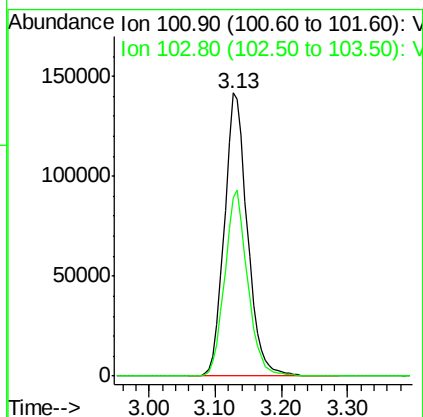
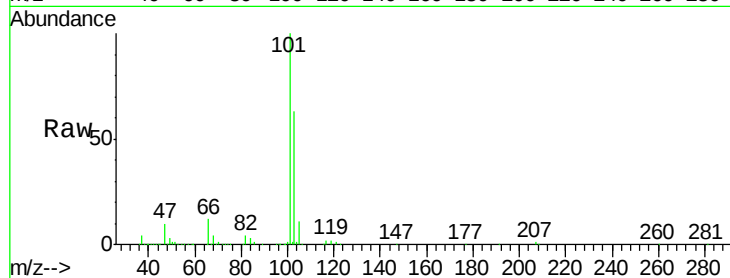
Trichlorofluoromethane
Concen: 52.200 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	51.6	77.4

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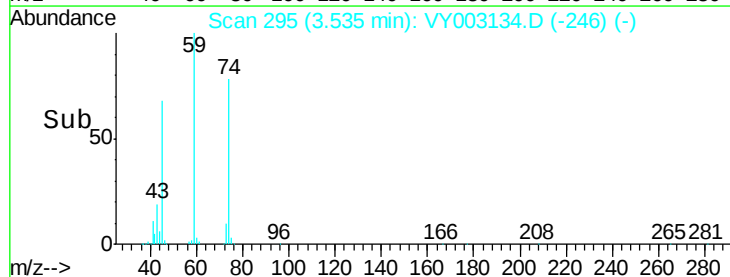
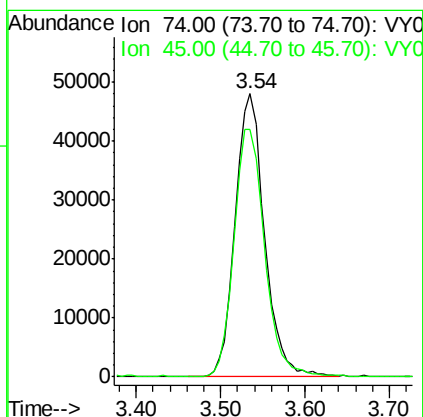
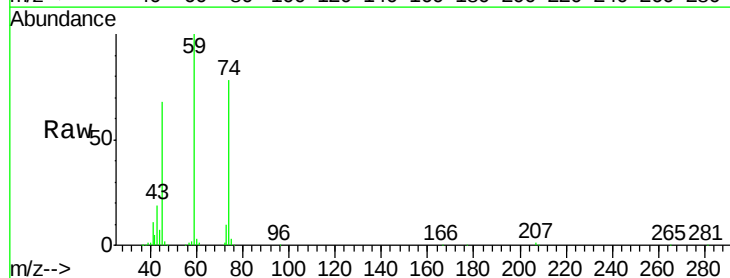
MMDadoda
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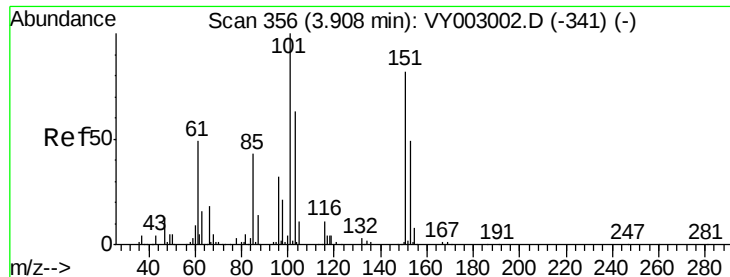


#8

Diethyl Ether
Concen: 50.019 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.4	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.349 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

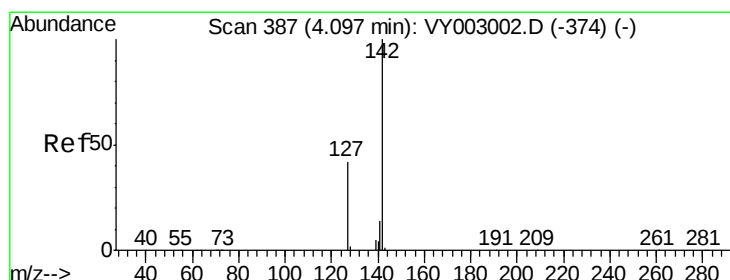
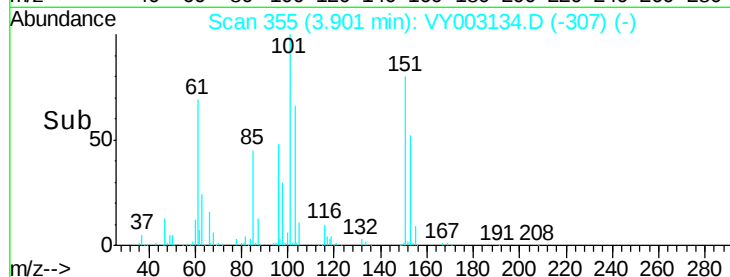
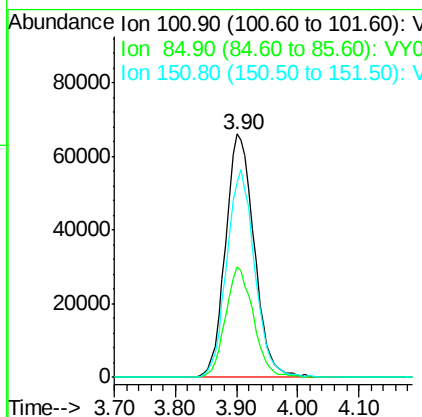
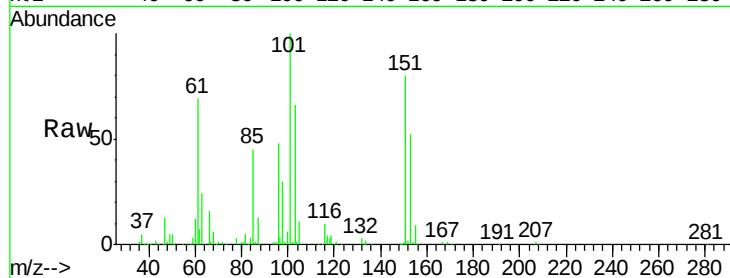
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	213325
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.5	53.3
151	83.2	65.5	98.3

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#10

Methyl Iodide

Concen: 54.744 ug/l

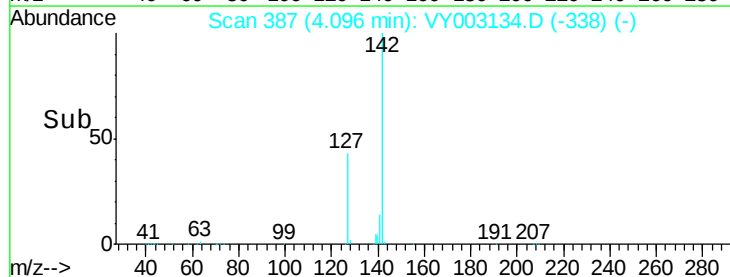
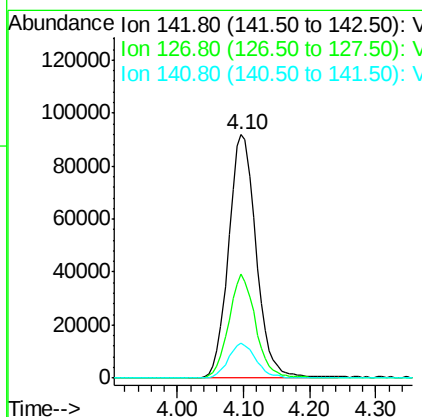
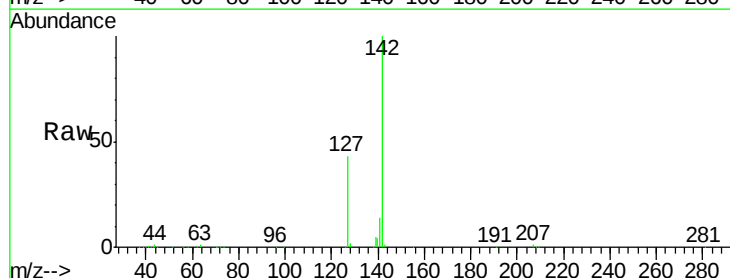
RT: 4.10 min Scan# 387

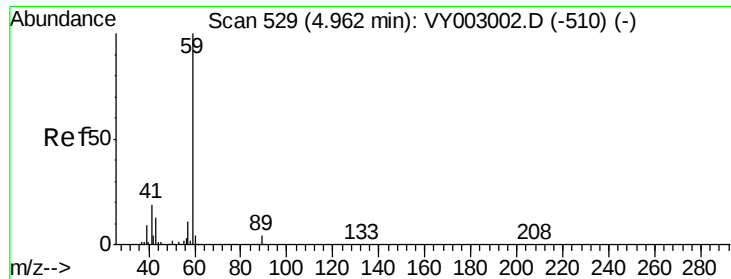
Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Tgt Ion:	142	Resp:	266446
Ion Ratio	Lower	Upper	
142	100		
127	41.1	34.2	51.2
141	14.4	11.7	17.5





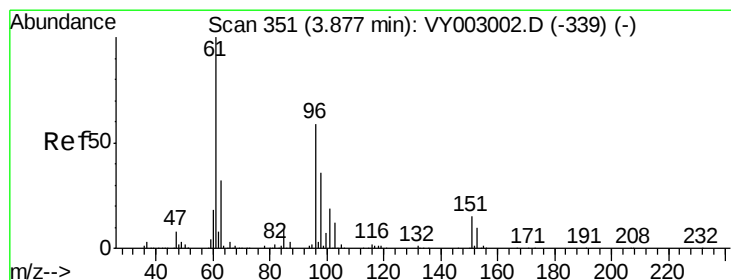
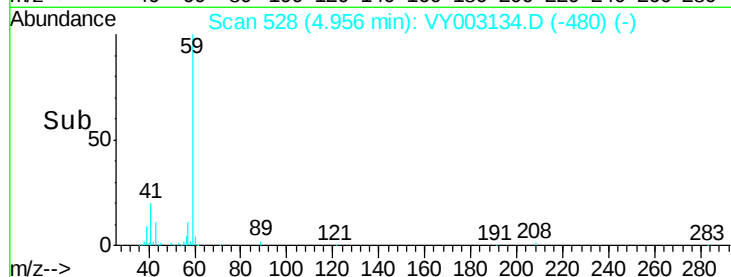
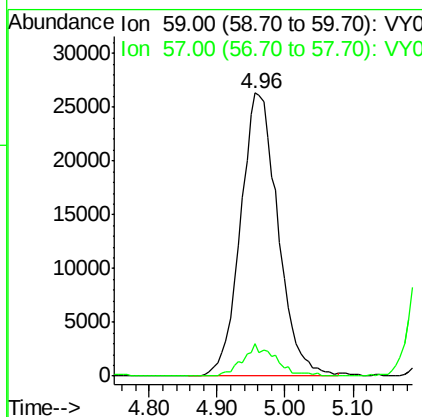
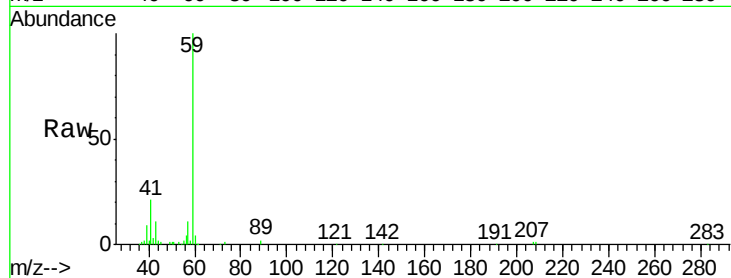
#11
Tert butyl alcohol
Concen: 230.965 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.0	12.0

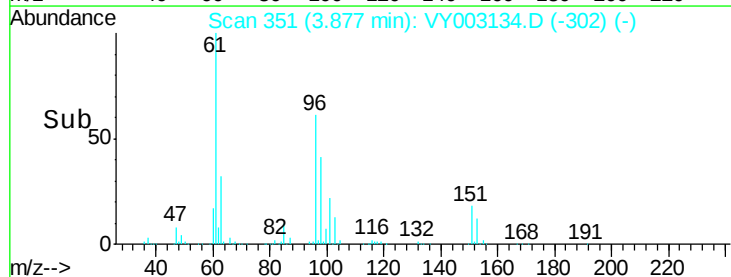
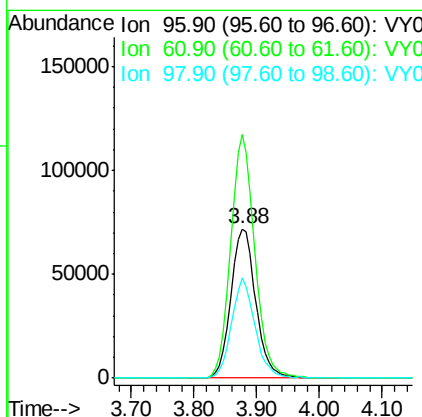
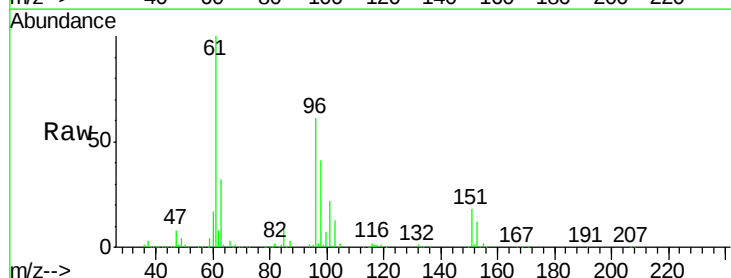
Manual Integrations
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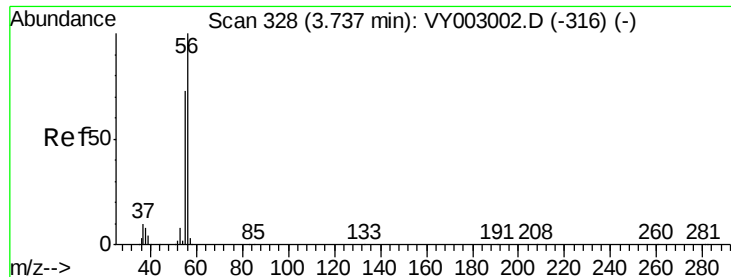
MMDadoda
7/9/2020 10:48:49 AM



#12
1,1-Dichloroethene
Concen: 52.819 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.9	136.7	205.1
98	67.3	49.7	74.5





#13

Acrolein

Concen: 233.290 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 91310

Ion Ratio Lower Upper

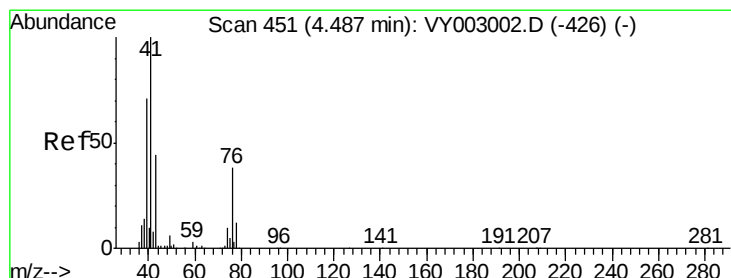
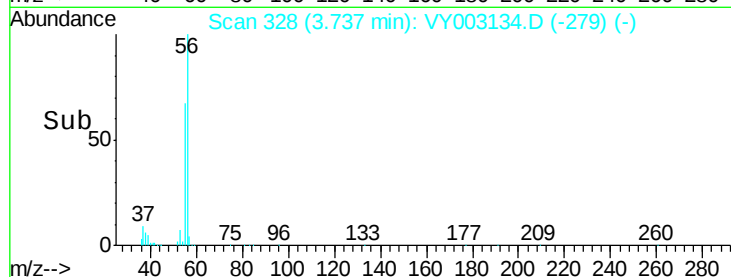
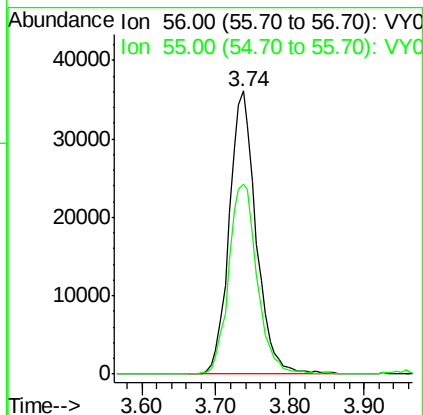
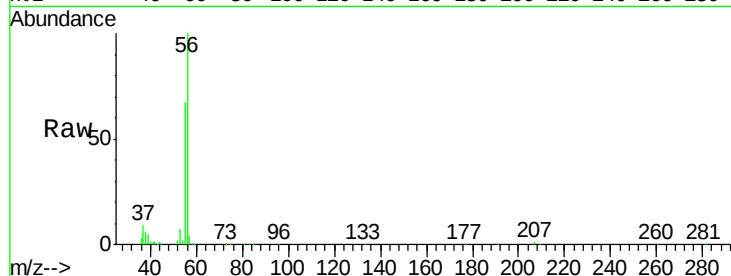
56 100

55 71.0 56.4 84.6

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#14

Allyl chloride

Concen: 45.173 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

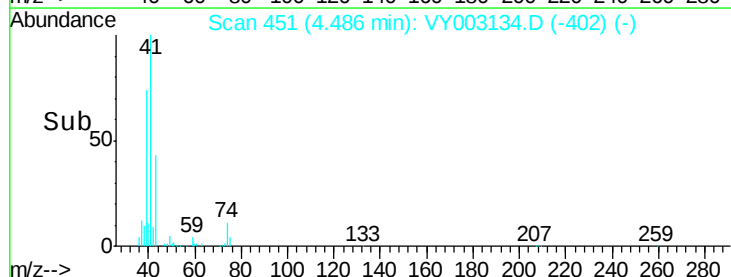
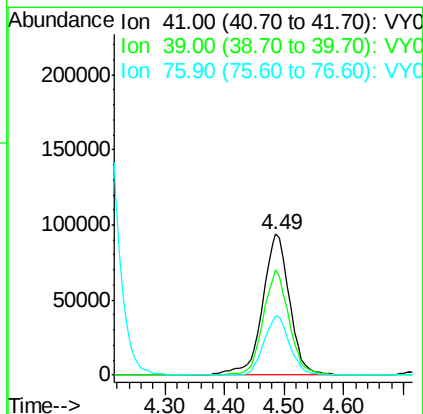
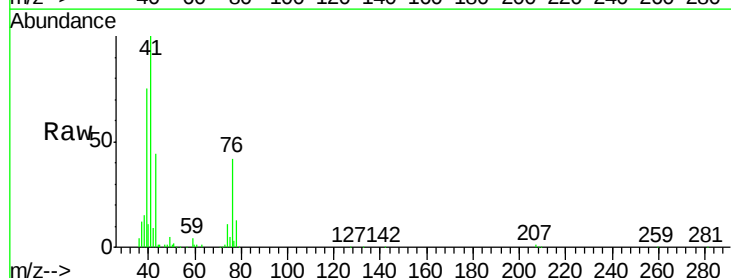
Tgt Ion: 41 Resp: 294548

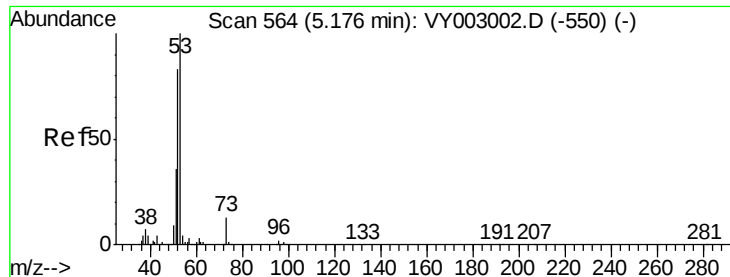
Ion Ratio Lower Upper

41 100

39 71.3 55.6 83.4

76 40.0 28.6 43.0





#15

Acrylonitrile

Concen: 241.922 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

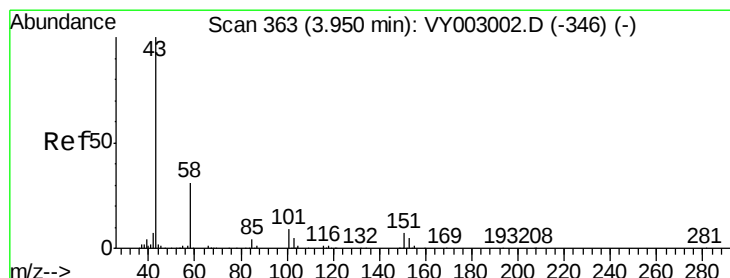
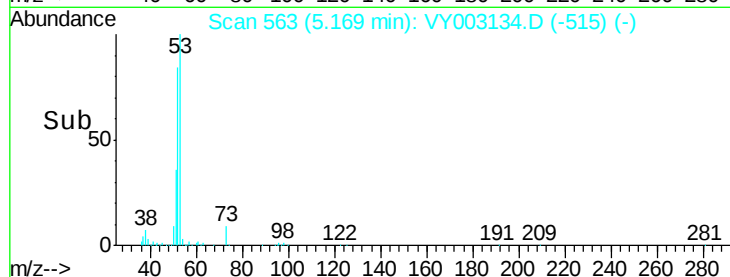
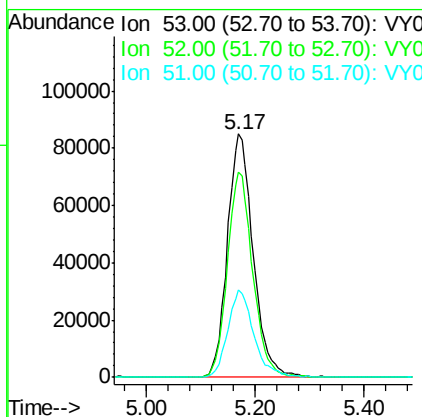
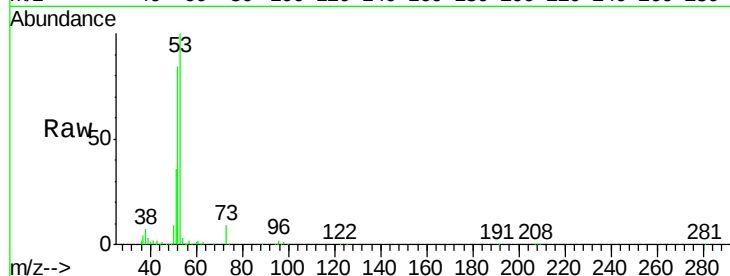
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	280981
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.2	99.2
51	36.4	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 217.033 ug/l

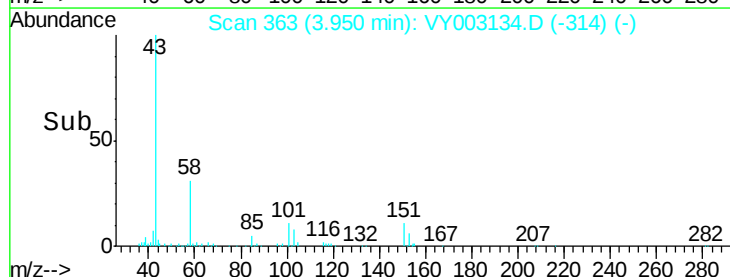
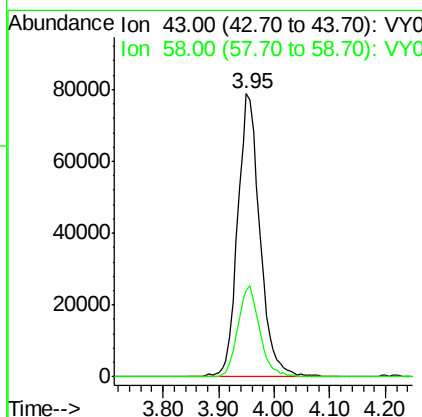
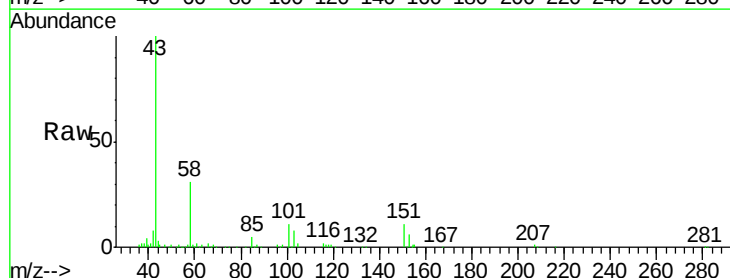
RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Tgt Ion:	43	Resp:	218882
Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.7	37.1





#17

Carbon Disulfide

Concen: 48.280 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 576086

Ion Ratio Lower Upper

76 100

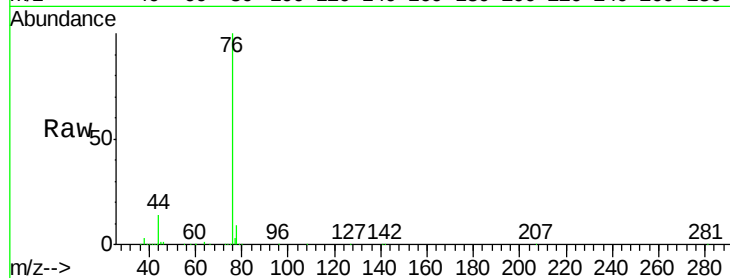
78 9.2 7.0 10.6

Manual Integrations

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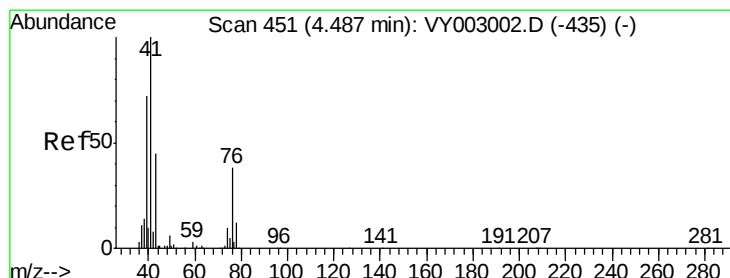
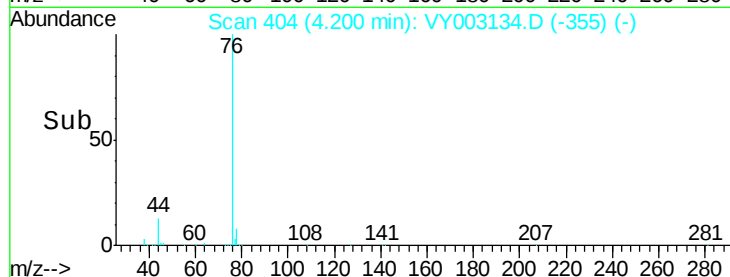
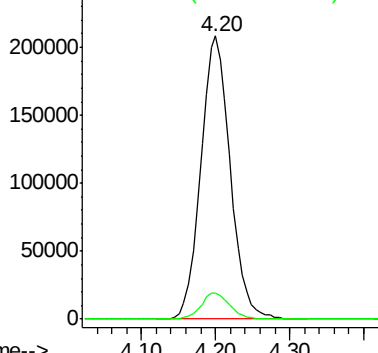
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 45.794 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003134.D

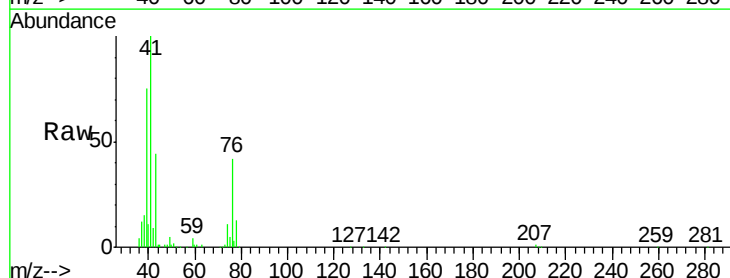
Acq: 08 Jul 2020 13:16

Tgt Ion: 43 Resp: 124426

Ion Ratio Lower Upper

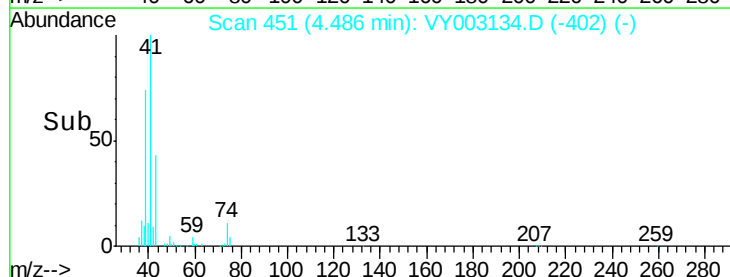
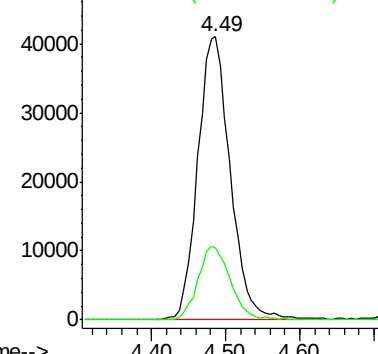
43 100

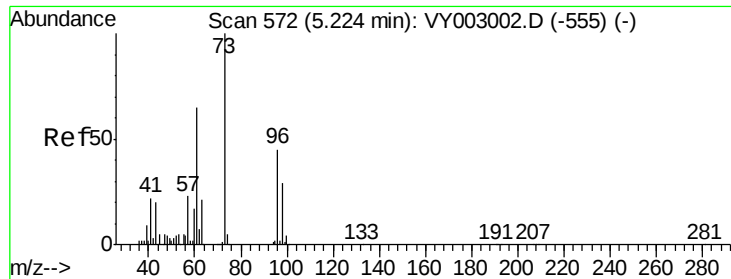
74 26.1 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





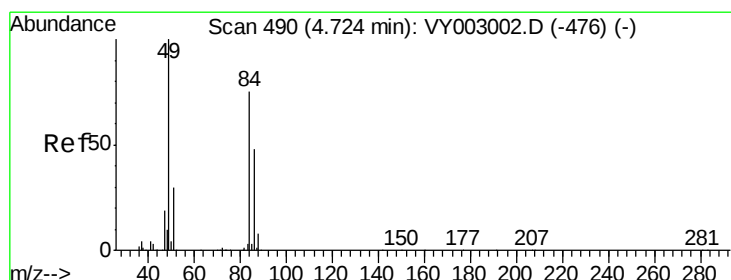
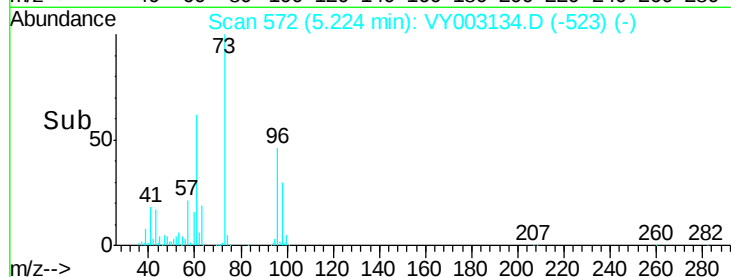
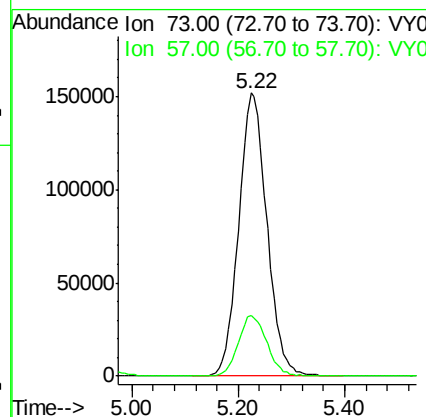
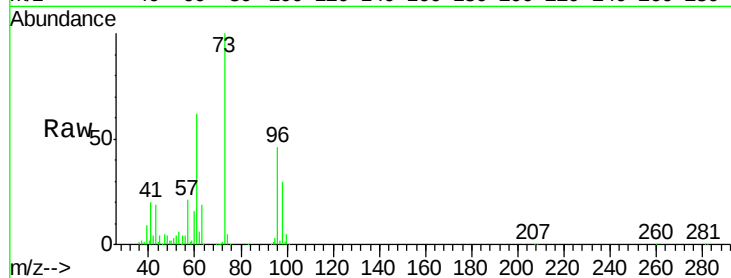
#19
Methvl tert-butvl Ether
Concen: 51.134 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	18.2	27.2

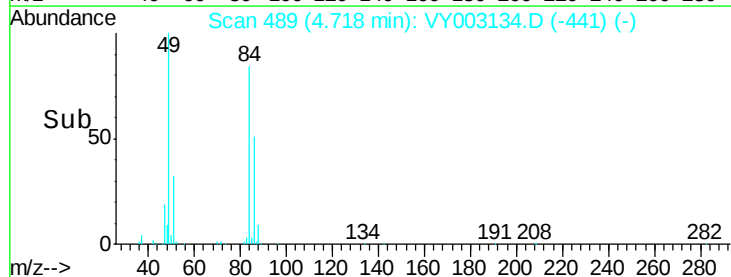
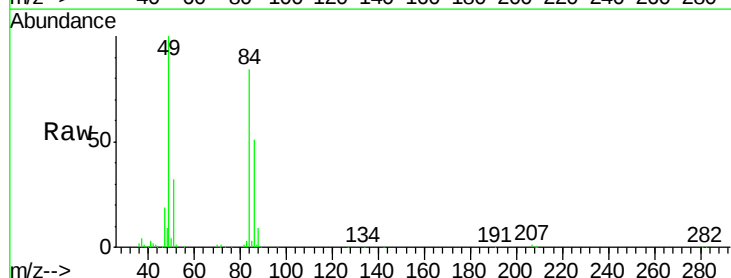
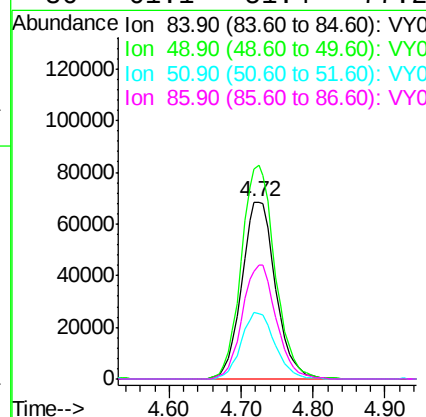
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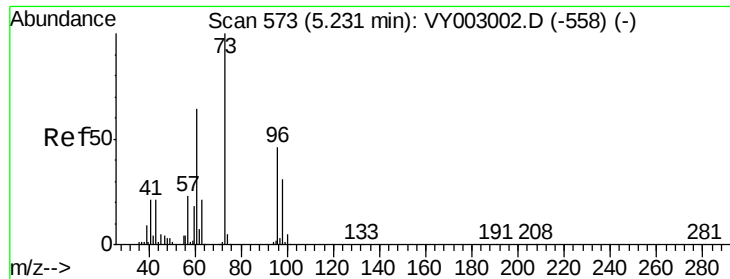
MMDadoda
7/9/2020 10:48:49 AM



#20
Methylene Chloride
Concen: 49.494 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.7	106.8	160.2
51	37.8	32.0	48.0
86	61.1	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 52.605 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

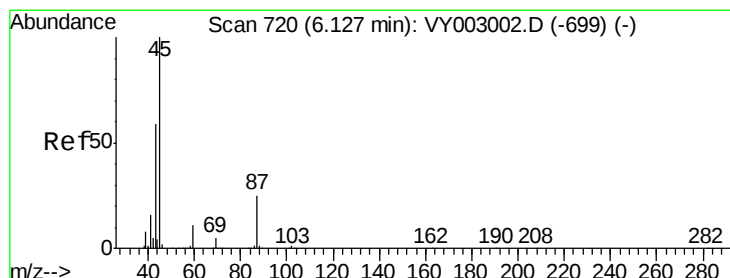
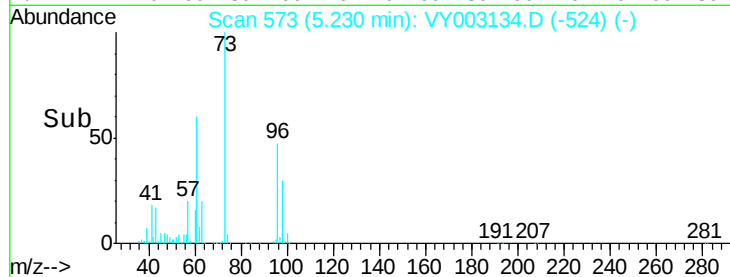
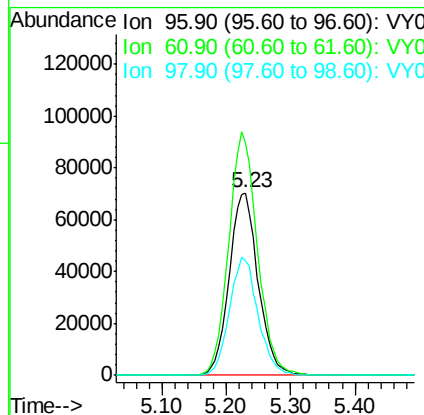
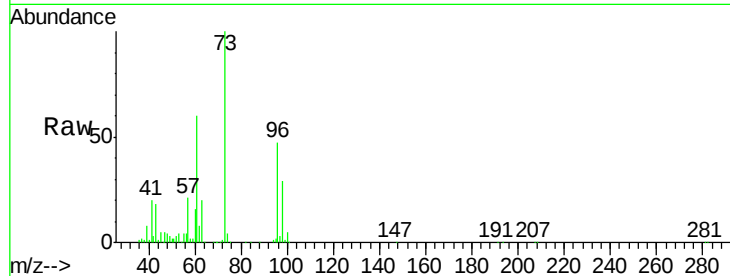
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	222224
Ion	Ratio	Lower	Upper
96	100		
61	127.1	112.3	168.5
98	62.9	53.8	80.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.967 ug/l

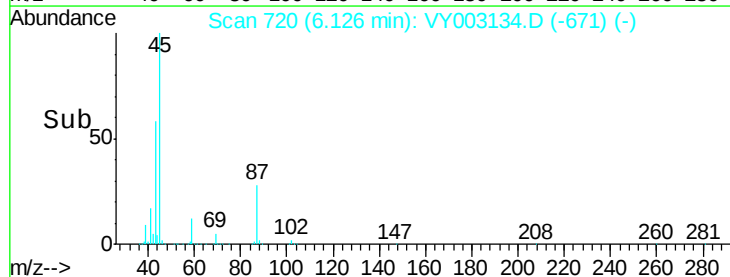
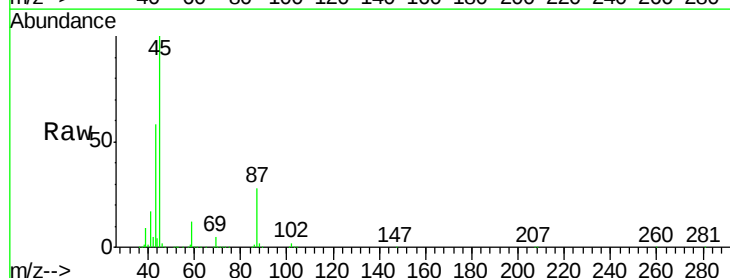
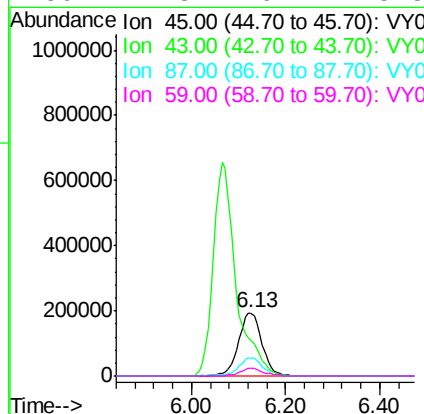
RT: 6.13 min Scan# 720

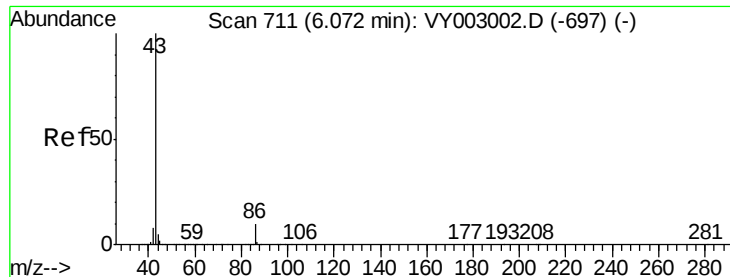
Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Tgt Ion:	45	Resp:	670353
Ion	Ratio	Lower	Upper
45	100		
43	57.4	47.4	71.2
87	28.2	20.2	30.2
59	12.3	9.2	13.8





#23

Vinyl Acetate

Concen: 235.381 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2199296

Ion Ratio Lower Upper

43 100

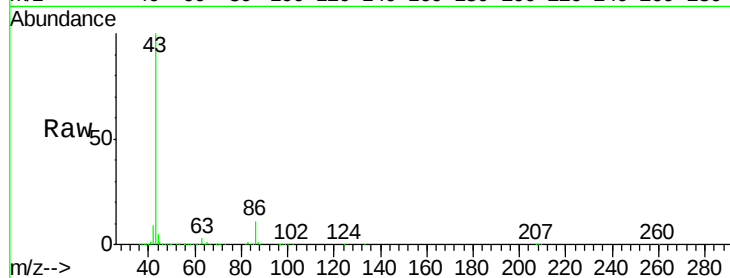
86 11.4 8.1 12.1

Manual Integrations

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MMDadoda

7/9/2020 10:48:49 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

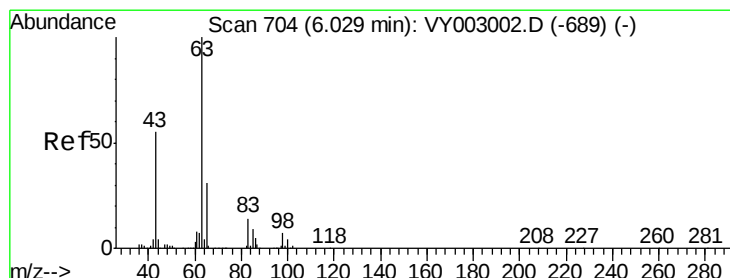
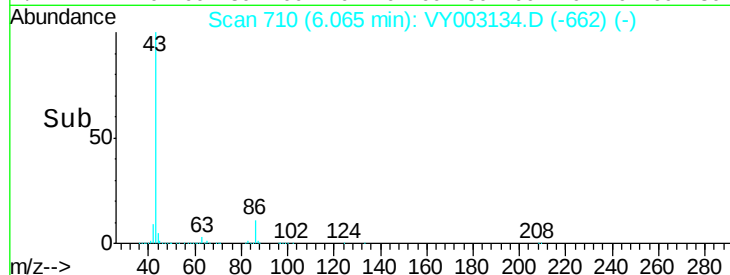
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.766 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

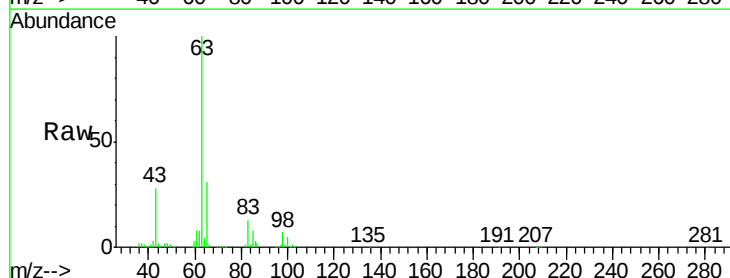
Tgt Ion: 63 Resp: 379923

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

100 4.8 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

6.02

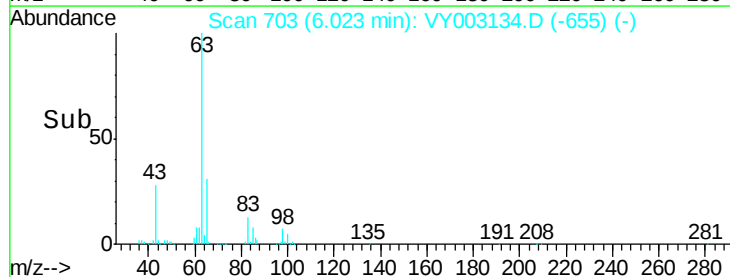
150000

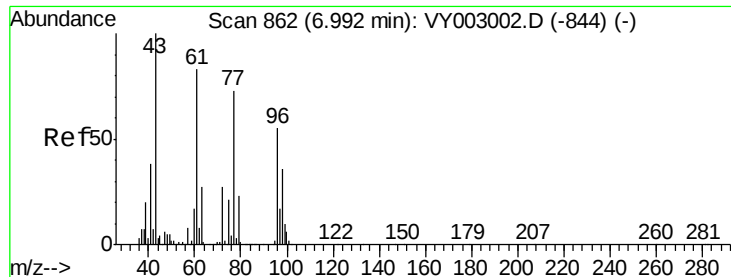
100000

50000

0

Time-->





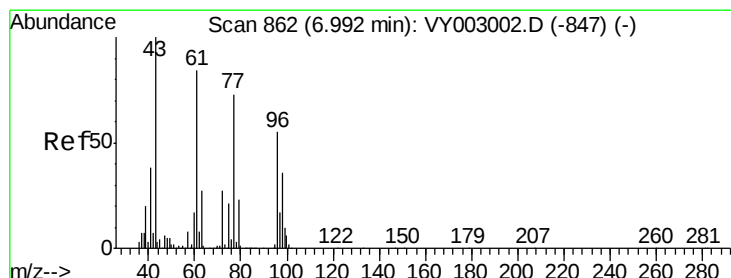
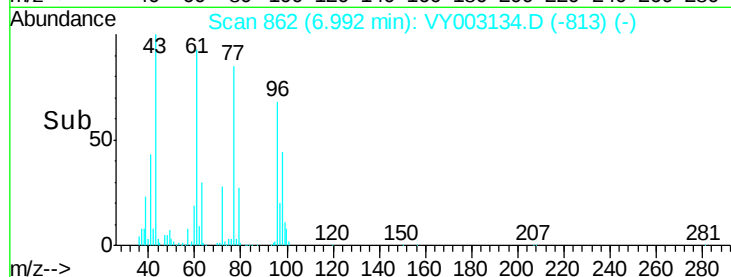
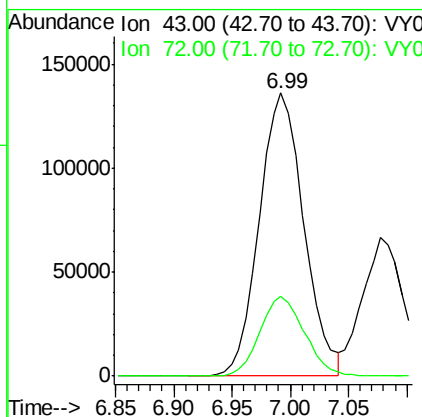
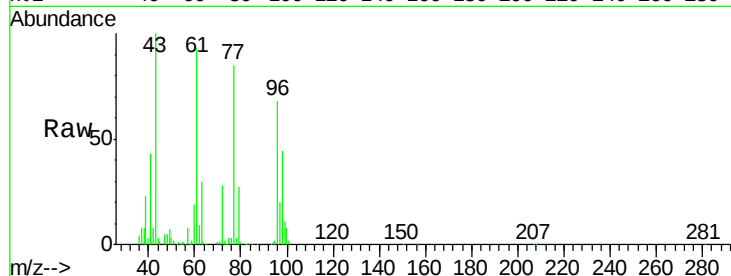
#25
2-Butanone
Concen: 225.381 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
72	28.4	21.4	32.0

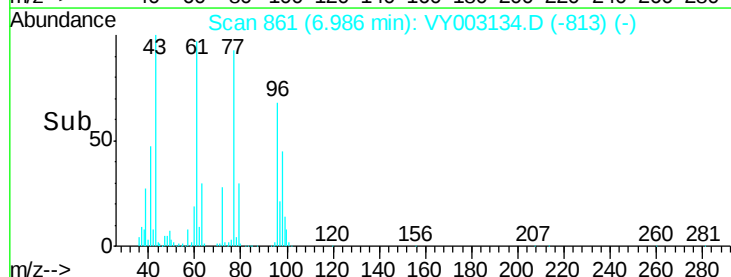
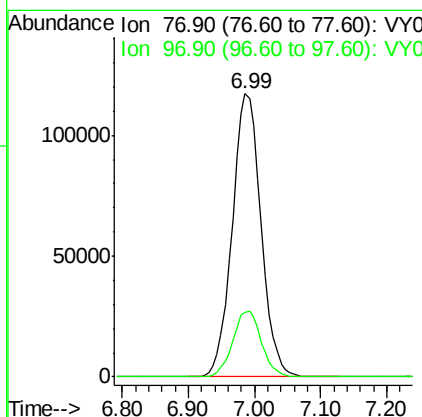
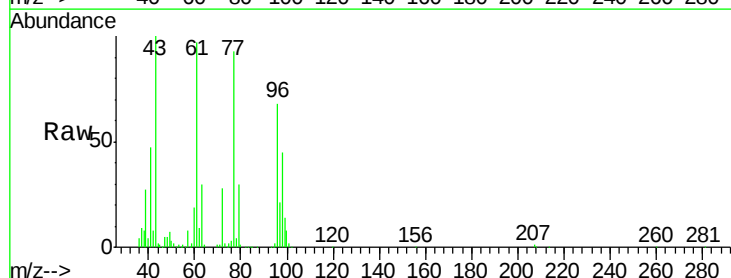
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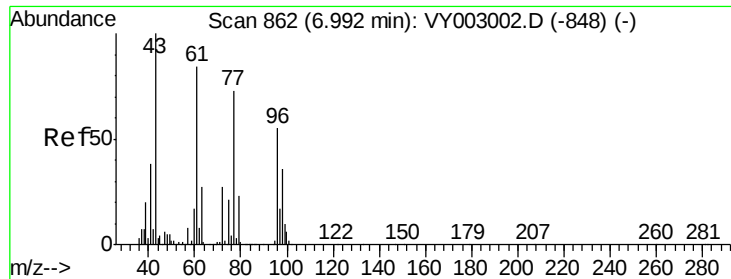
MMDadoda
7/9/2020 10:48:49 AM



#26
2,2-Dichloropropane
Concen: 50.999 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Lower	Upper
77	100		
97	23.0	11.3	33.9





#27

cis-1,2-Dichloroethene

Concen: 52.482 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003134.D

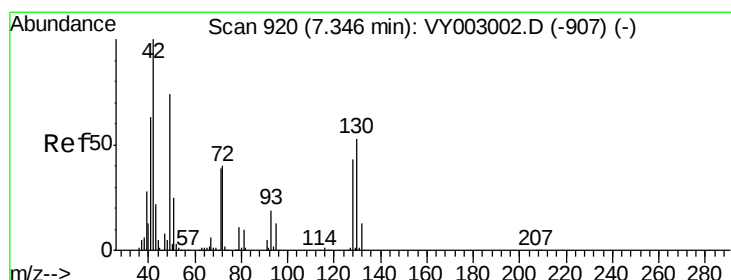
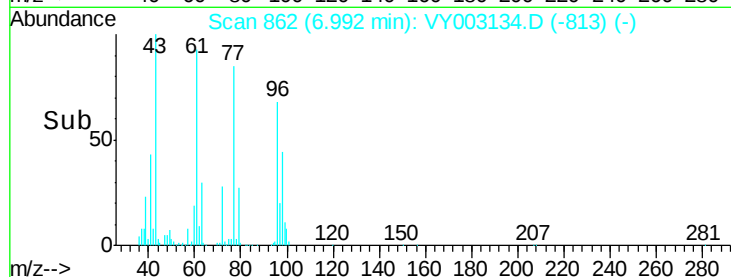
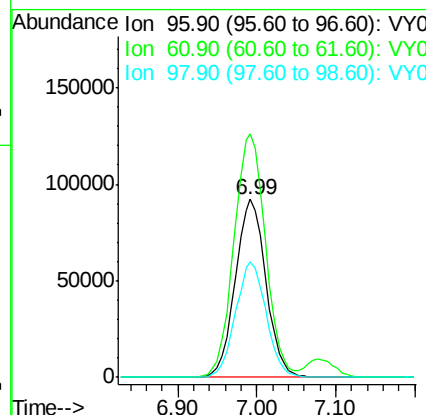
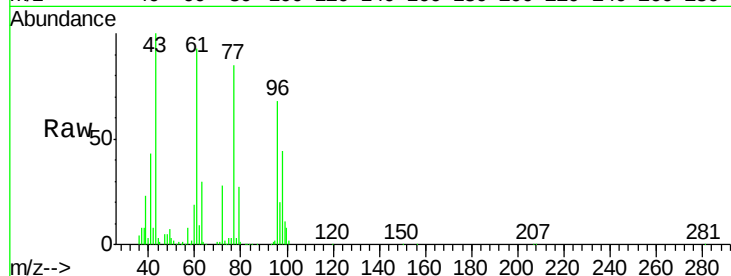
Acq: 08 Jul 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	301.2
98	64.9	0.0	129.0

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#28

Bromochloromethane

Concen: 50.653 ug/l

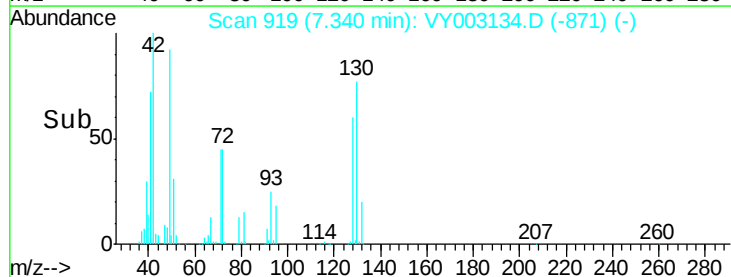
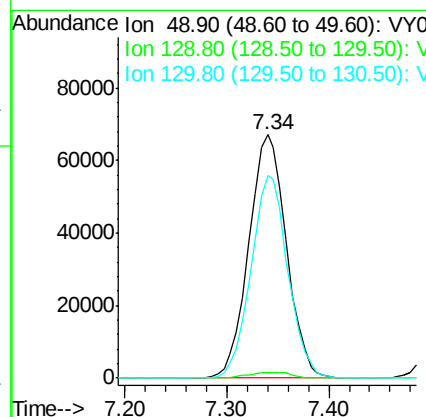
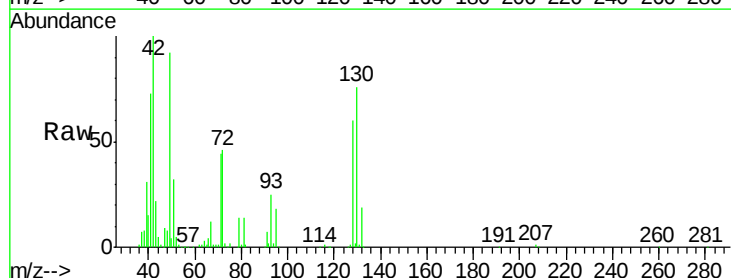
RT: 7.34 min Scan# 919

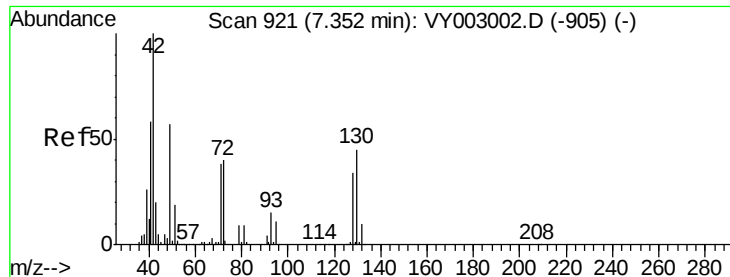
Delta R.T. -0.01 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.4
130	81.8	57.0	85.6





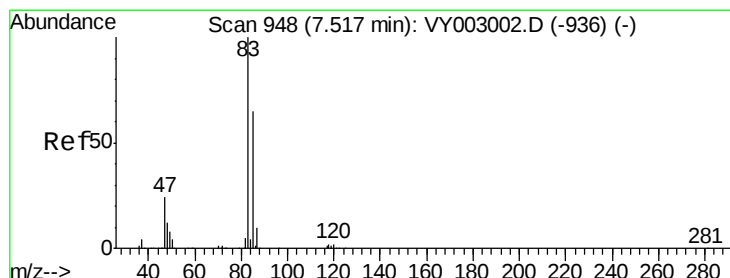
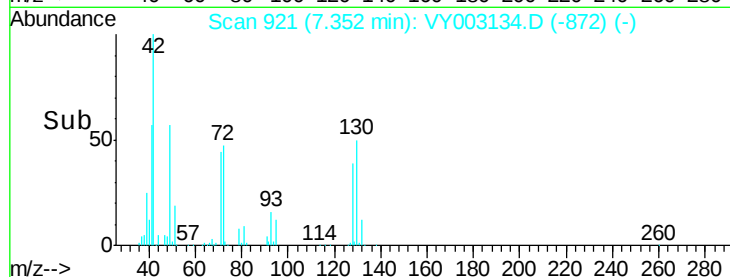
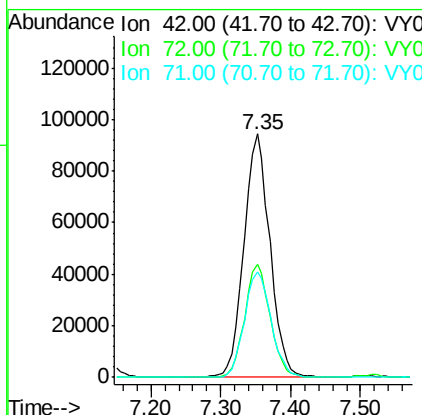
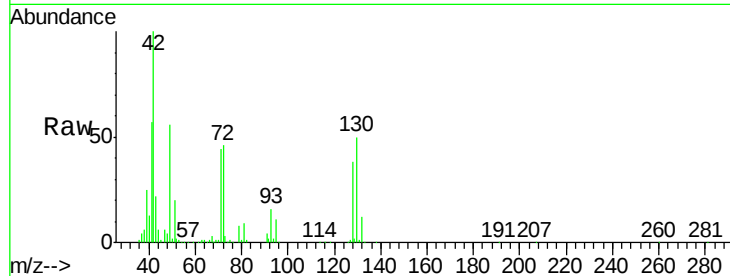
#29
Tetrahydrofuran
Concen: 229.265 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	32.9	49.3
71	44.2	31.2	46.8

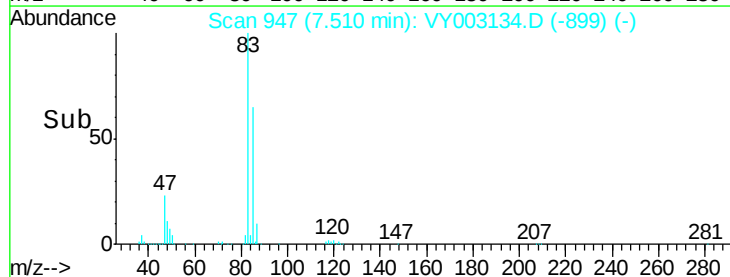
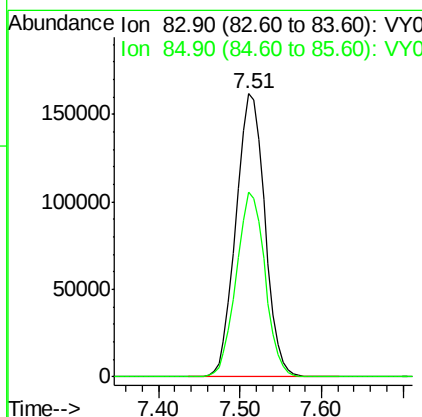
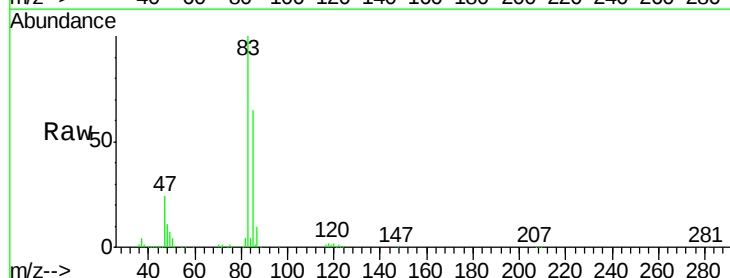
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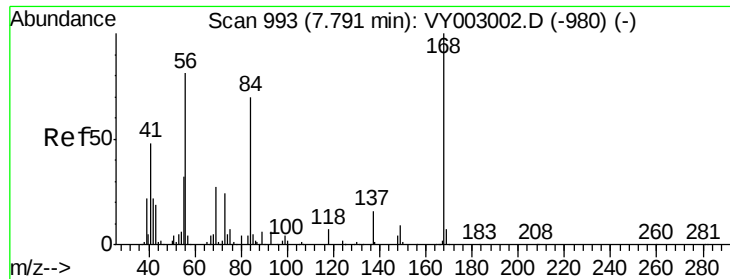
MMDadoda
7/9/2020 10:48:49 AM



#30
Chloroform
Concen: 52.482 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.7	77.5





#31

Cyclohexane

Concen: 46.562 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

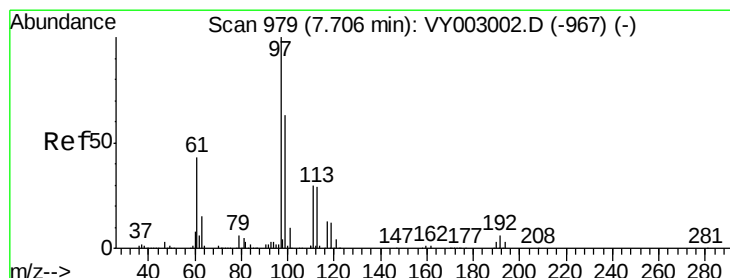
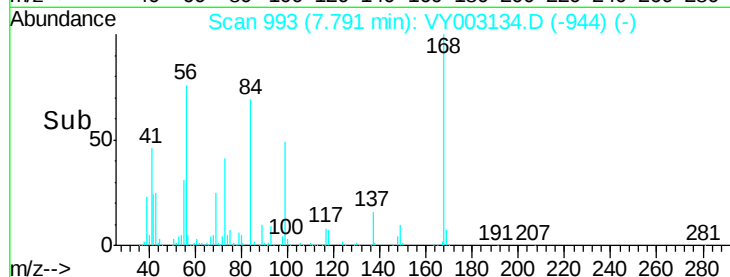
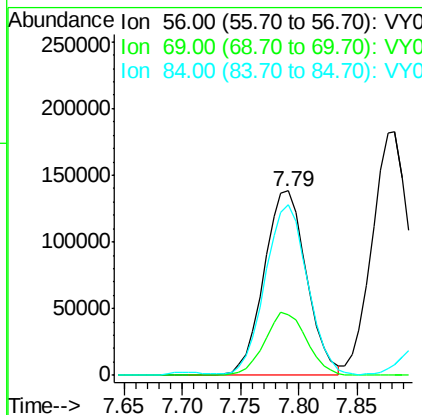
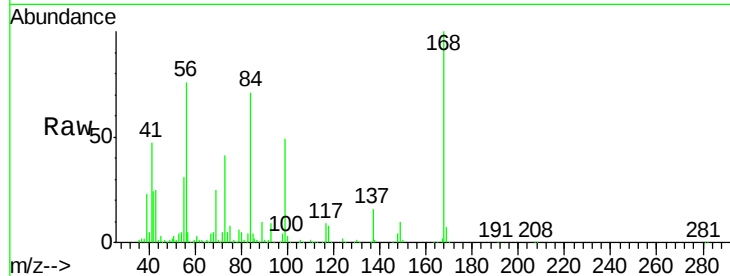
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	350185
Ion Ratio	Lower	Upper	
56	100		
69	32.8	27.0	40.4
84	91.1	68.1	102.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.974 ug/l

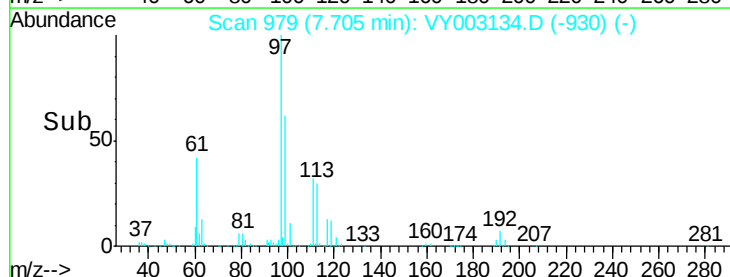
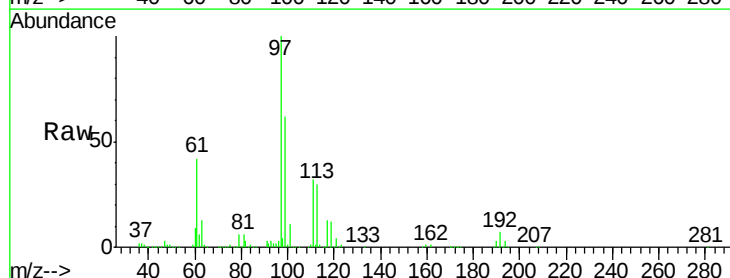
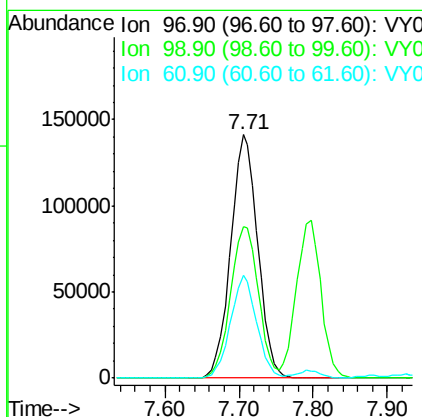
RT: 7.71 min Scan# 979

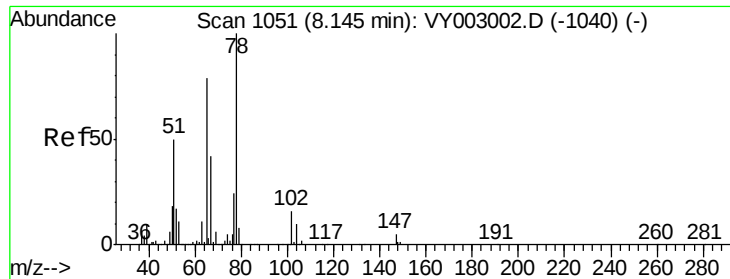
Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Tgt Ion:	97	Resp:	358807
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.4	77.2
61	40.9	33.9	50.9





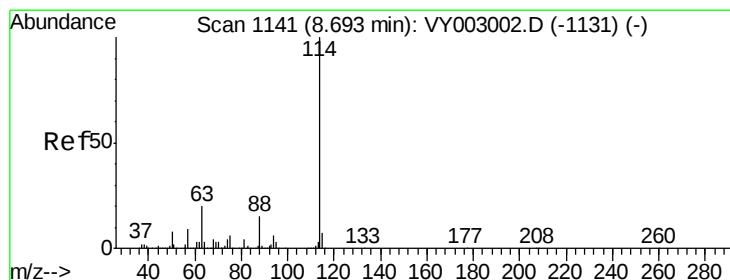
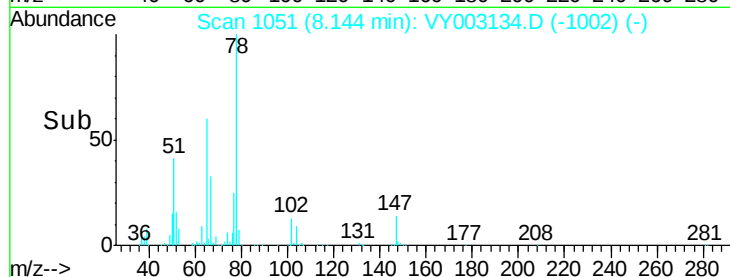
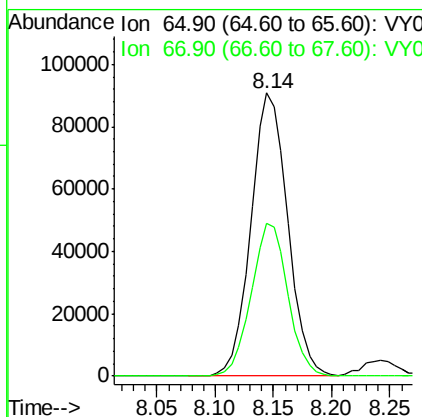
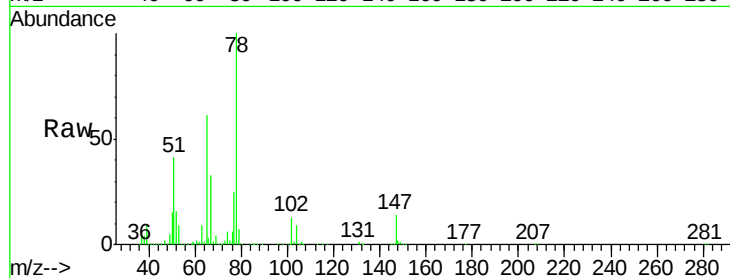
#33
 1,2-Dichloroethane-d4
 Concen: 46.762 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003134.D
 Acq: 08 Jul 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	199963		
67	53.7	0.0	105.6	

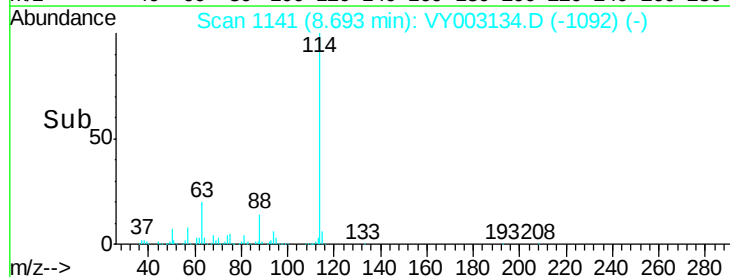
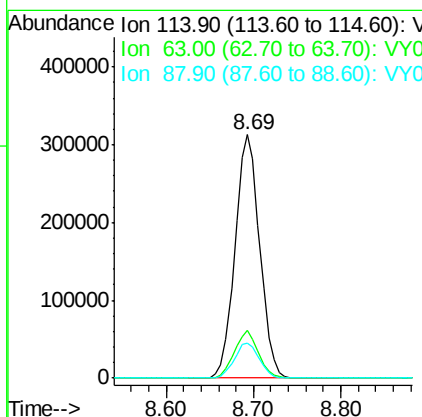
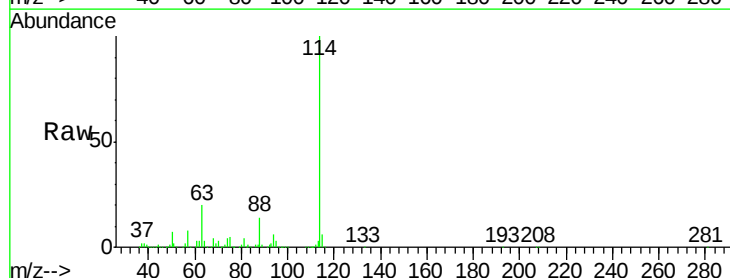
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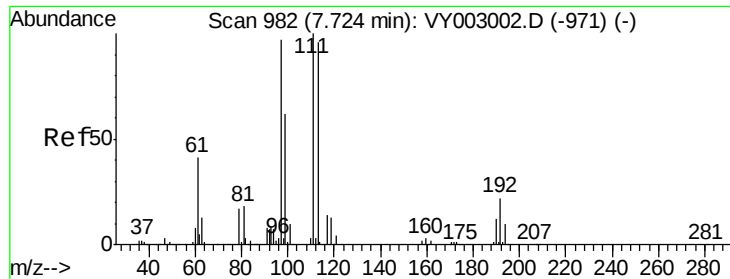
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003134.D
 Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	611045		
63	19.6	0.0	40.6	
88	14.4	0.0	30.0	





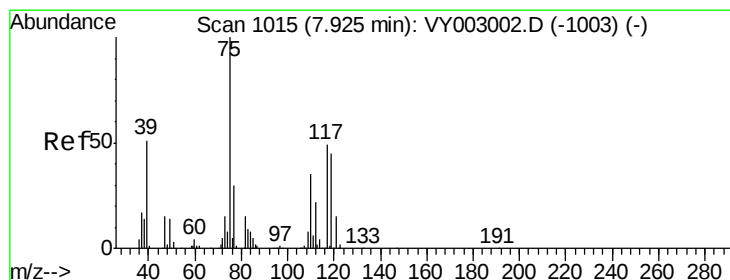
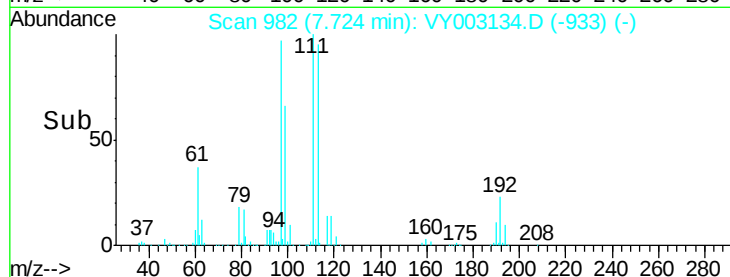
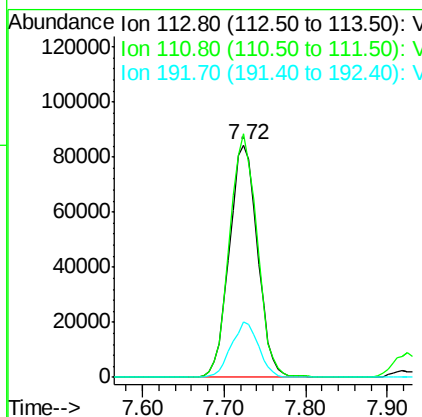
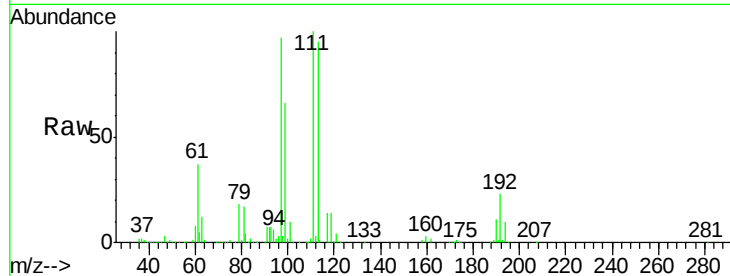
#35
 Dibromofluoromethane
 Concen: 52.679 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003134.D
 Acq: 08 Jul 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	200803		
111	102.8		82.6	123.8
192	23.0		18.1	27.1

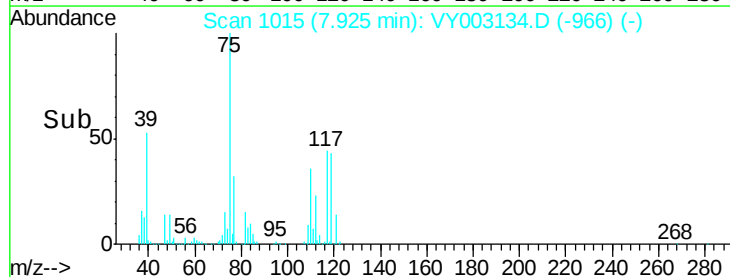
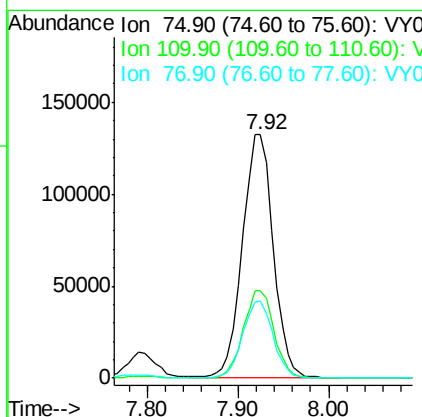
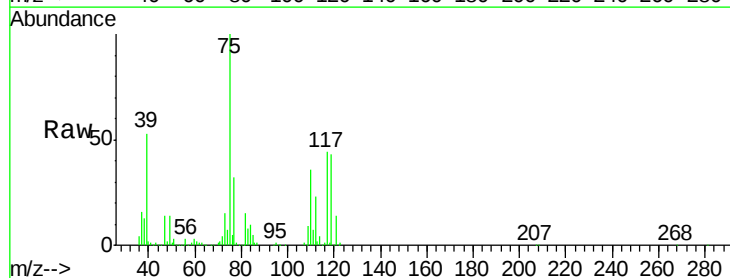
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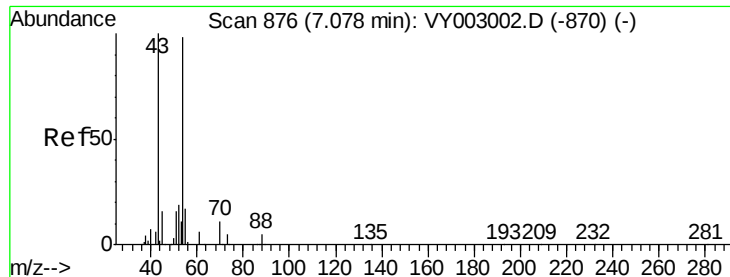
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#36
 1,1-Dichloropropene
 Concen: 52.634 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003134.D
 Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	309793		
110	36.0		17.1	51.2
77	31.5		24.9	37.3





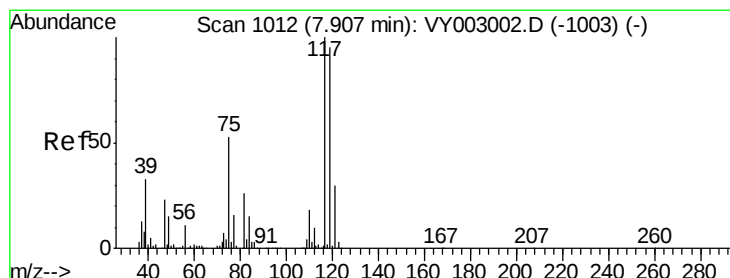
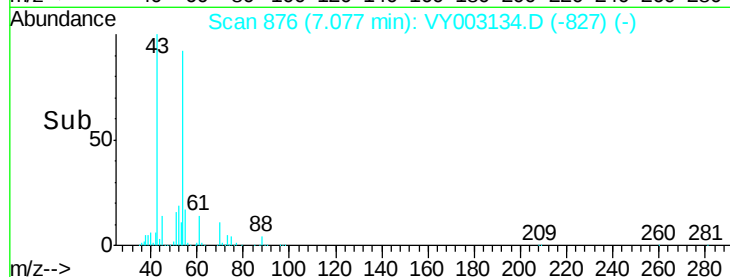
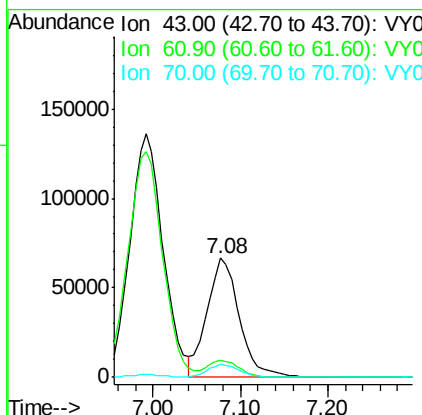
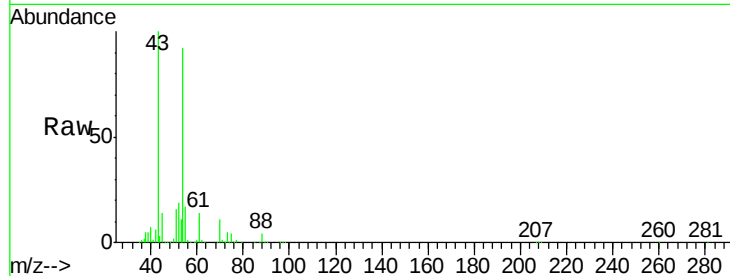
#37
Ethyl Acetate
Concen: 48.167 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.4	15.6
70	10.8	7.7	11.5

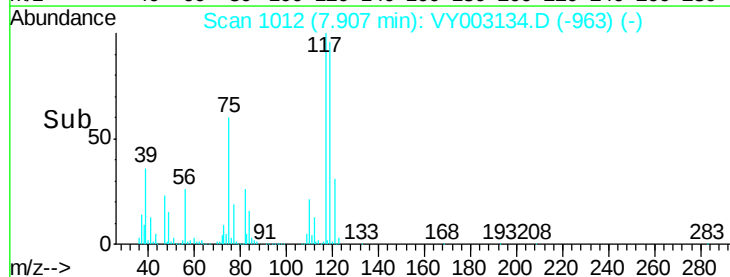
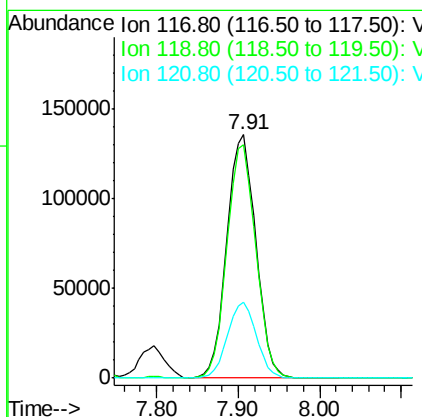
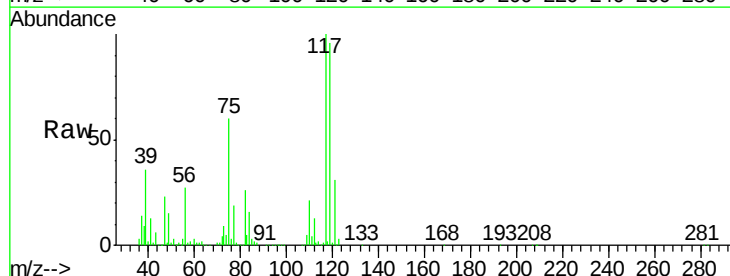
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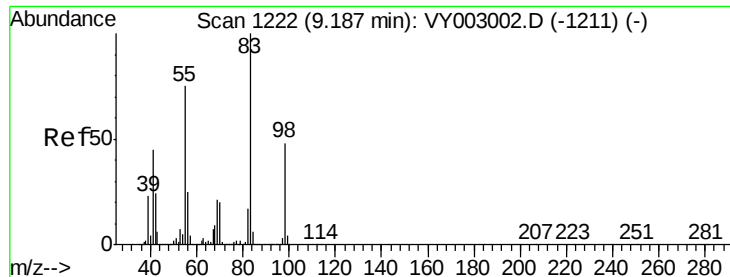
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#38
Carbon Tetrachloride
Concen: 54.199 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.7	113.5
121	31.3	23.9	35.9





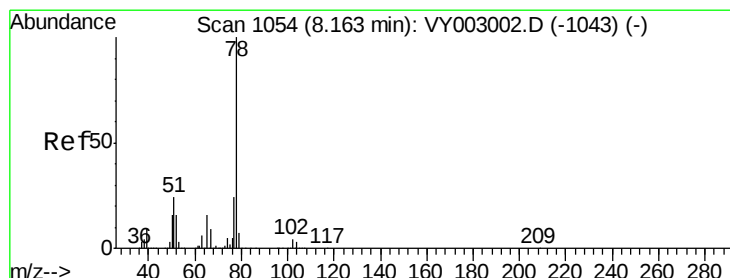
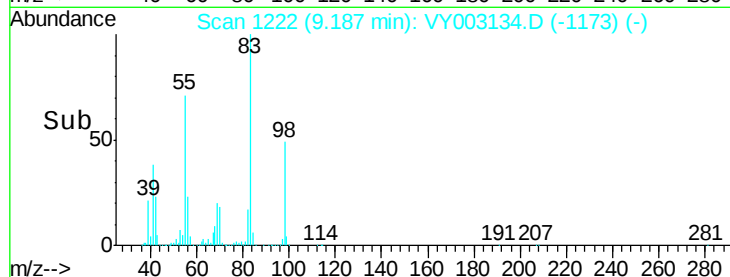
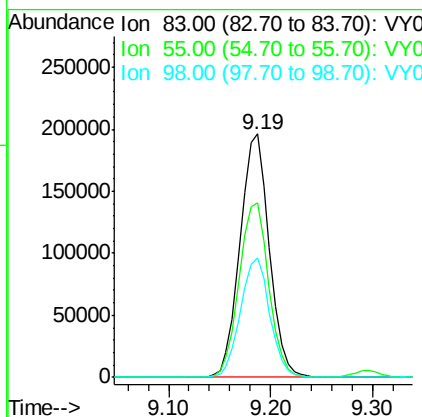
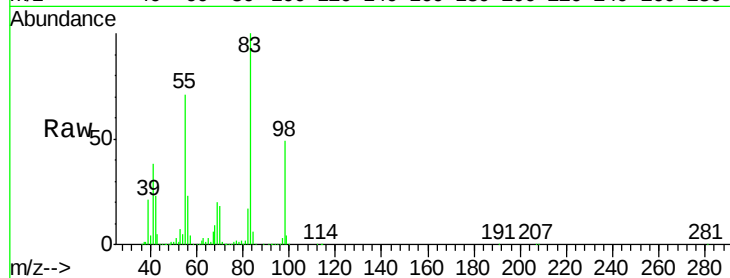
#39
Methvlcvclohexane
Concen: 53.427 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.4	59.9	89.9
98	48.9	38.7	58.1

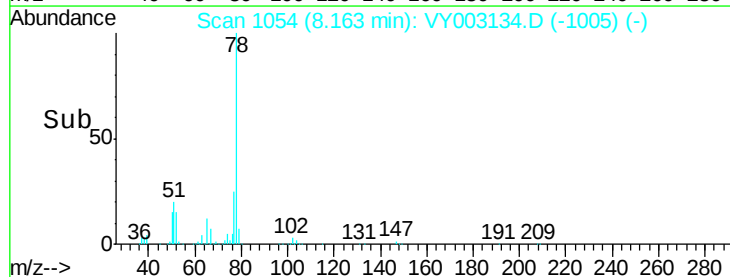
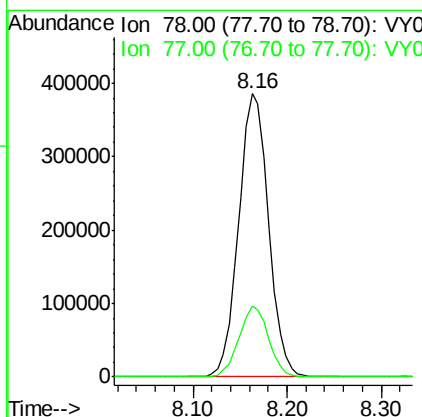
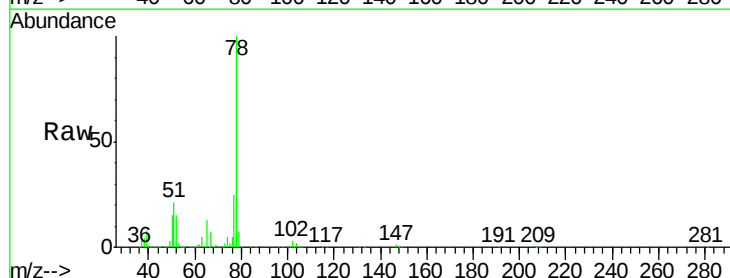
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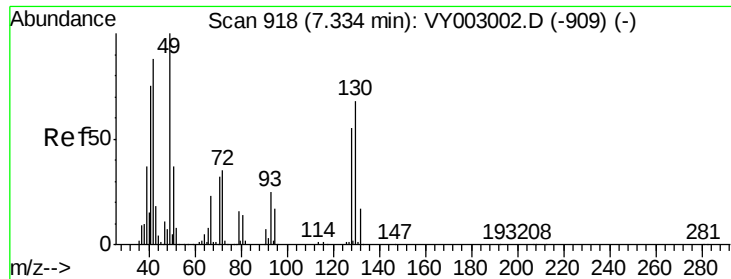
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#40
Benzene
Concen: 53.045 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.2	28.8





#41

Methacrylonitrile

Concen: 57.508 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. 0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 108714
Ion Ratio Lower Upper

41 100

39 0.0 85.7 128.5#

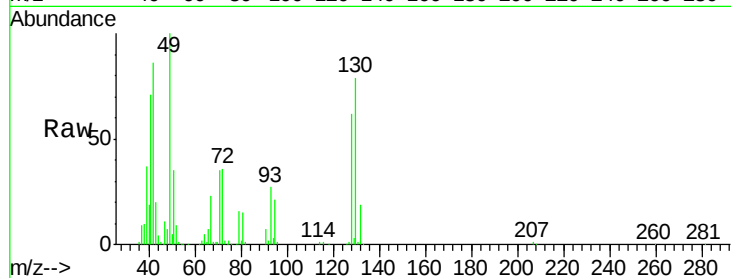
67 0.0 0.0 0.0

52 0.0 0.0 0.0

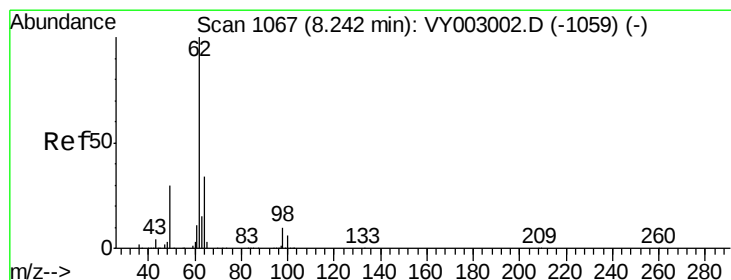
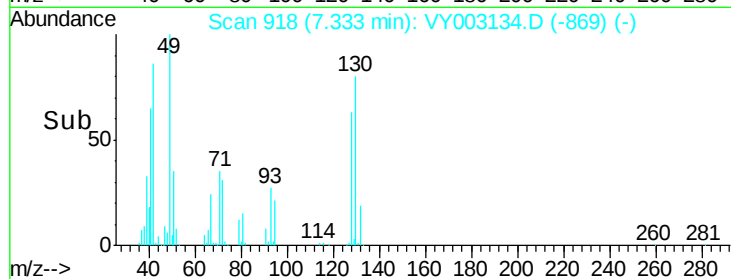
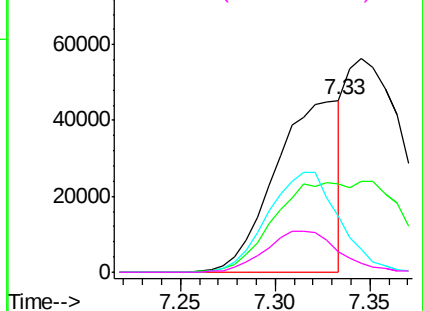
Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 51.294 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

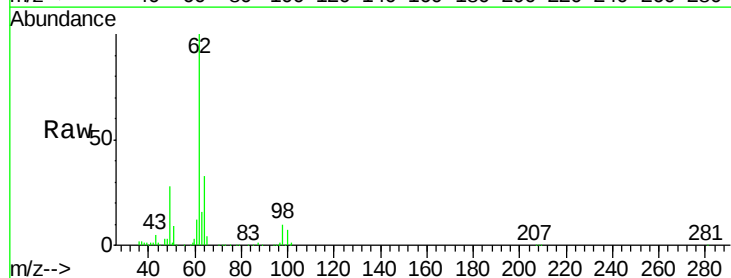
Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

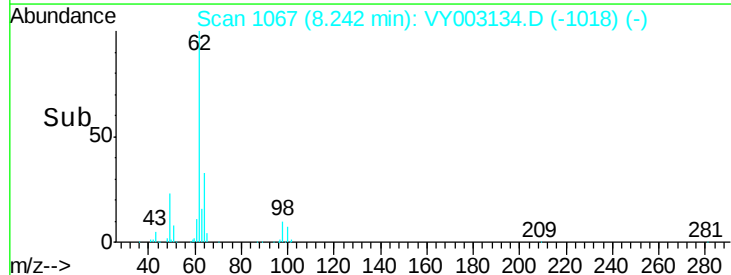
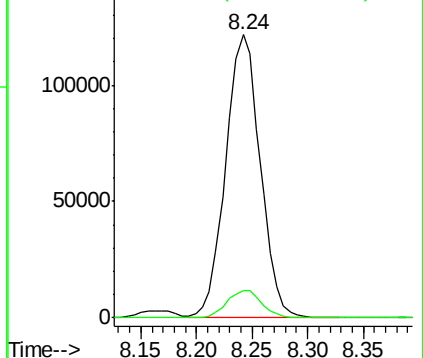
Tgt Ion: 62 Resp: 261480
Ion Ratio Lower Upper

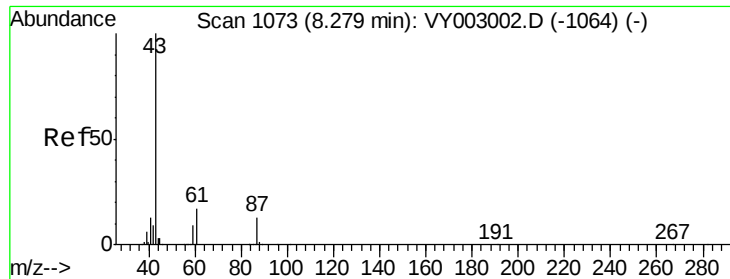
62 100

98 10.0 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





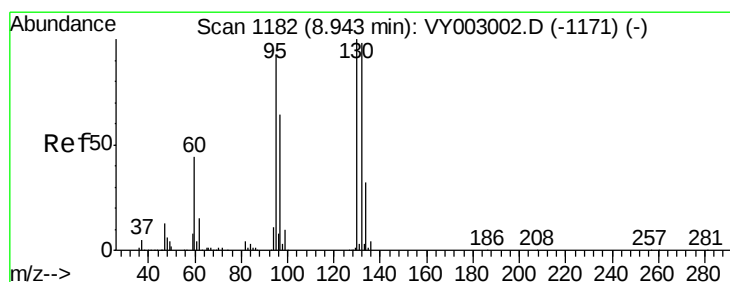
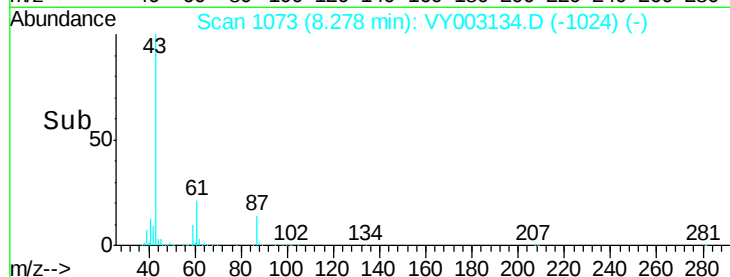
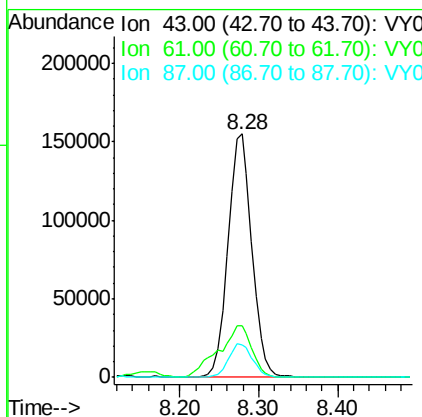
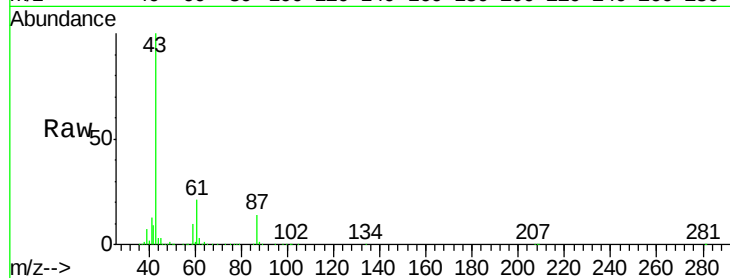
#43
Isopropyl Acetate
Concen: 48.144 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.8	21.8	32.6
87	13.9	10.1	15.1

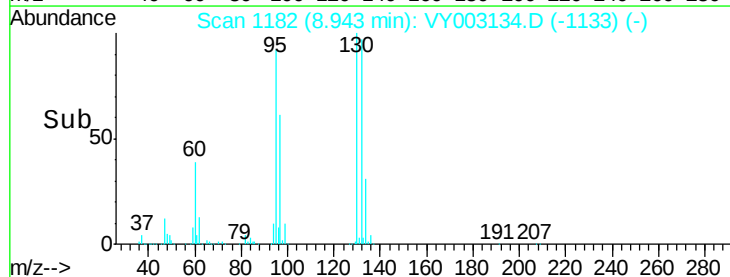
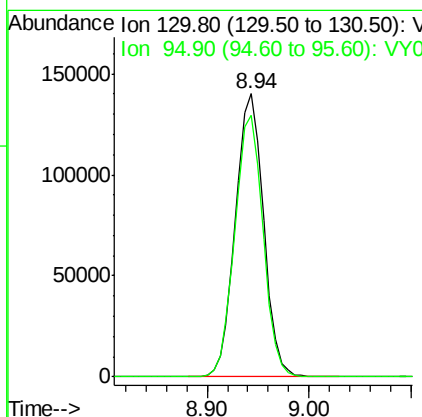
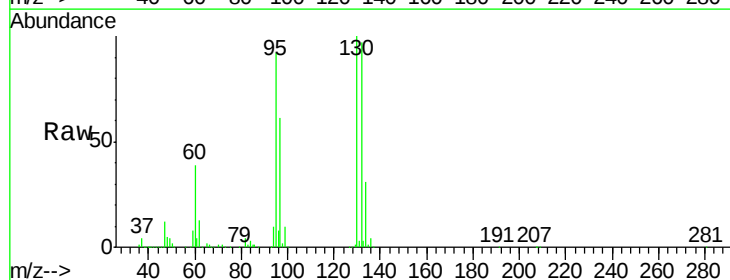
Manual Integrations
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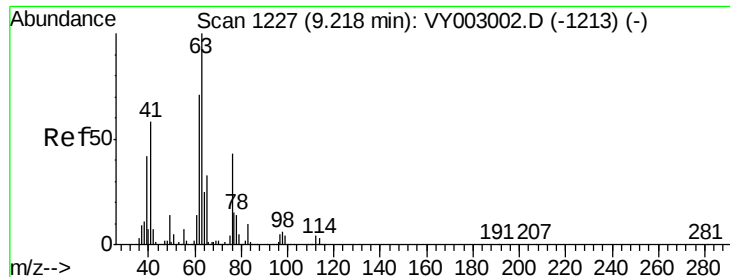
MMDadoda
7/9/2020 10:48:49 AM



#44
Trichloroethene
Concen: 57.067 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	186.4





#45

1,2-Dichloropropane

Concen: 51.291 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 222356

Ion Ratio Lower Upper

63 100

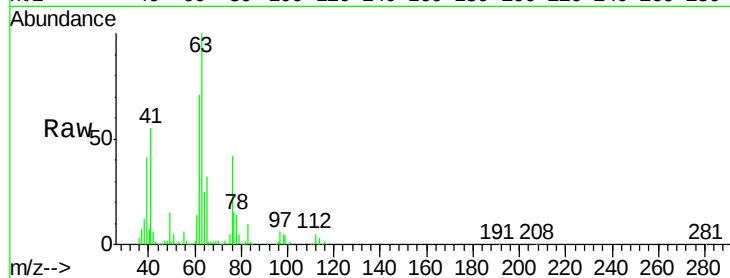
65 31.9 26.2 39.4

Manual Integrations

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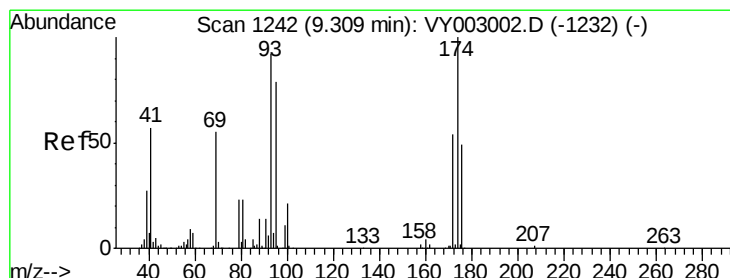
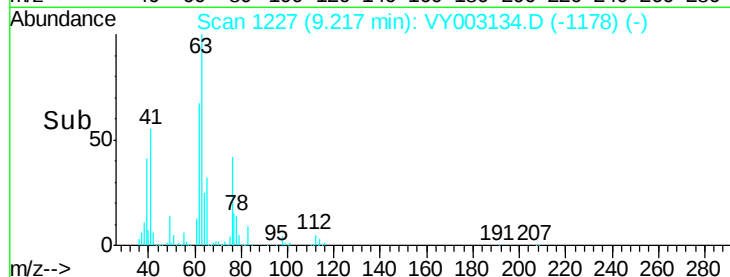
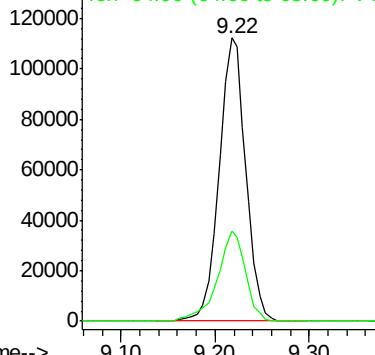
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 53.554 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

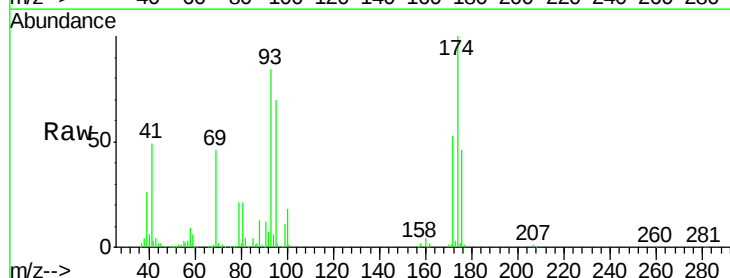
Tgt Ion: 93 Resp: 129669

Ion Ratio Lower Upper

93 100

95 83.1 67.6 101.4

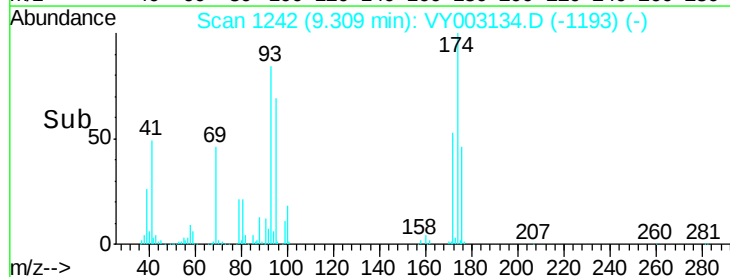
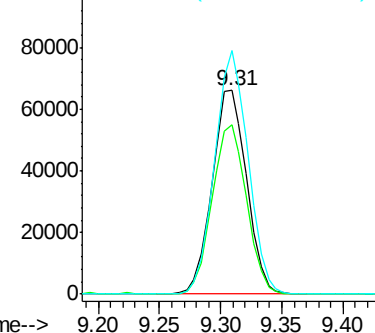
174 116.0 88.3 132.5

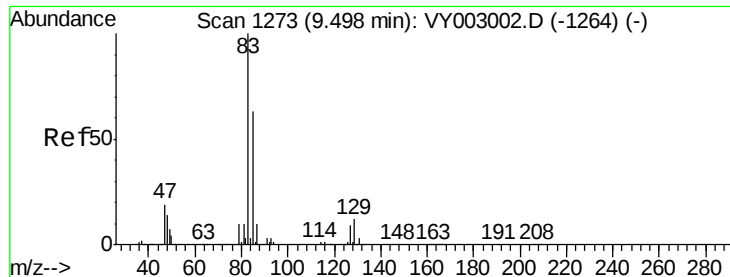


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.322 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

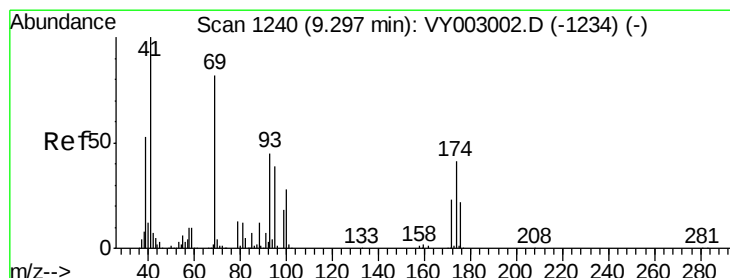
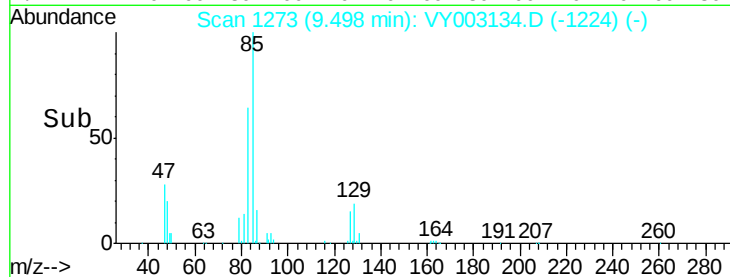
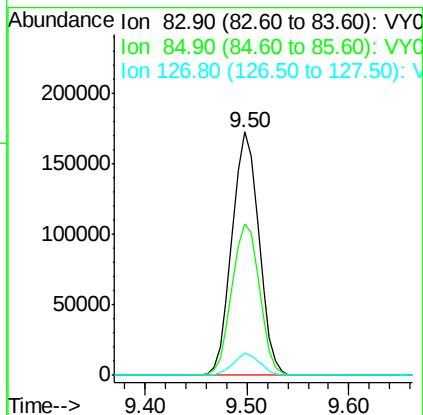
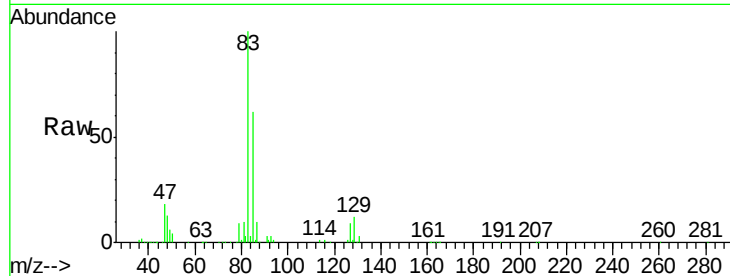
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	316134
Ion	Ratio	Lower	Upper
83	100		
85	62.0	50.5	75.7
127	9.3	7.0	10.4

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#48

Methyl methacrylate

Concen: 47.890 ug/l

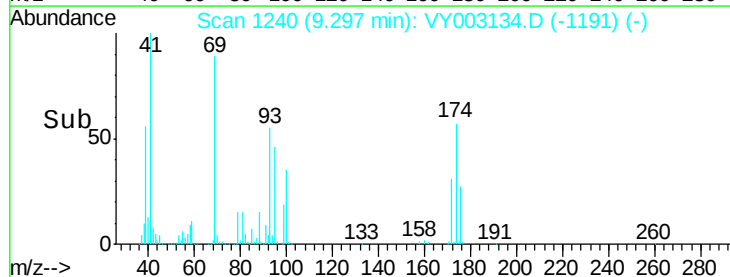
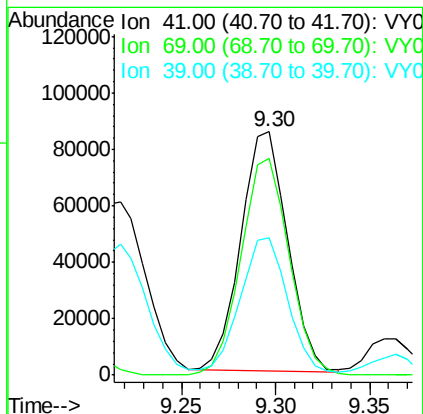
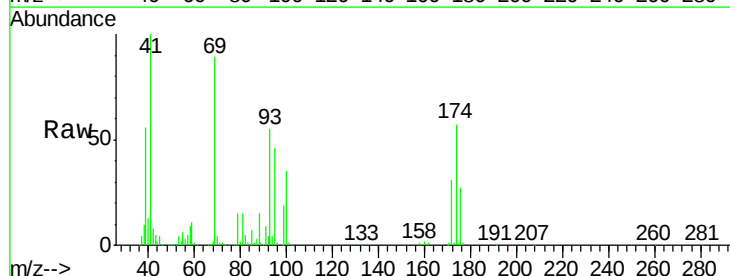
RT: 9.30 min Scan# 1240

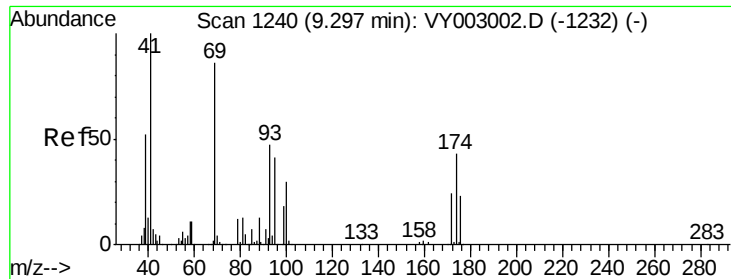
Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Tgt Ion:	41	Resp:	146649
Ion	Ratio	Lower	Upper
41	100		
69	93.4	67.7	101.5
39	56.2	45.0	67.4





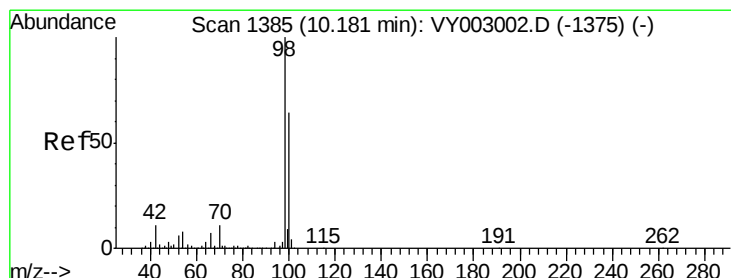
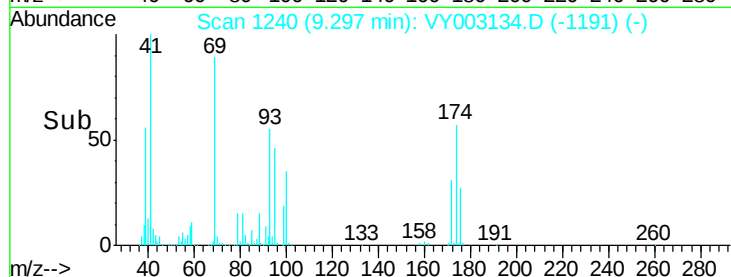
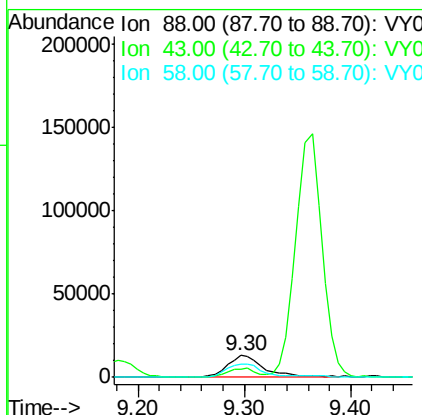
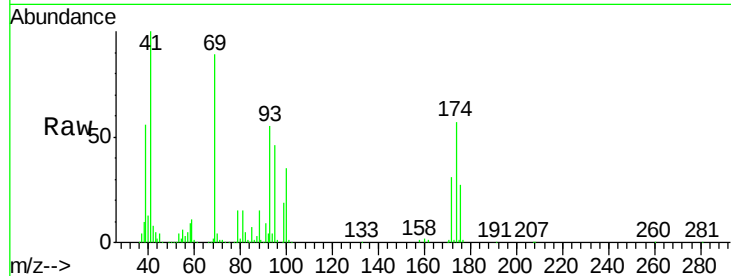
#49
1,4-Dioxane
Concen: 1096.201 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.9	28.6	42.8
58	60.0	56.7	85.1

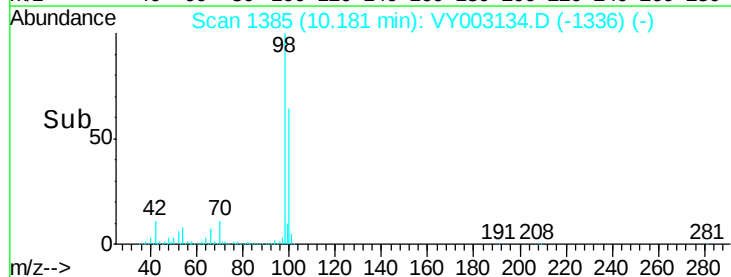
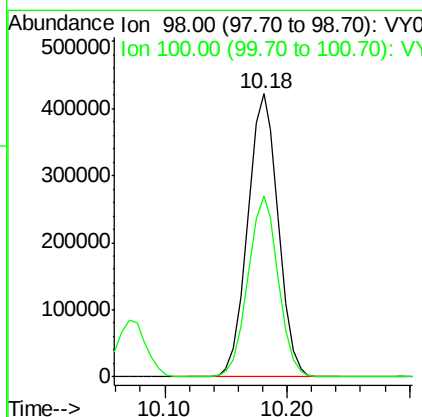
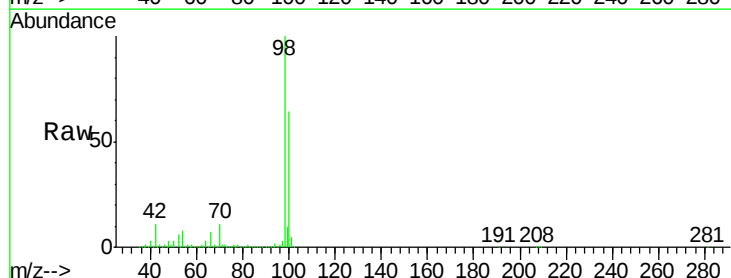
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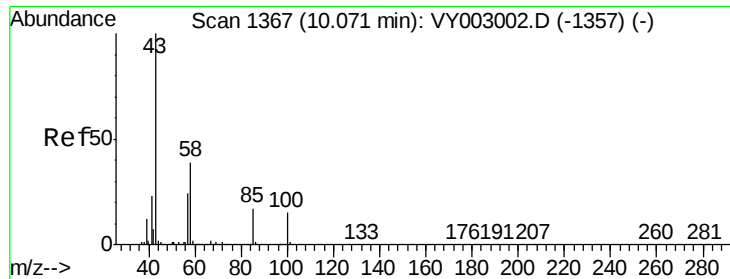
MMDadoda
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#50
Toluene-d8
Concen: 51.404 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.1	76.7





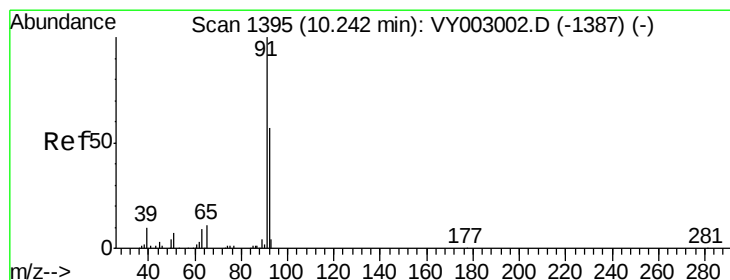
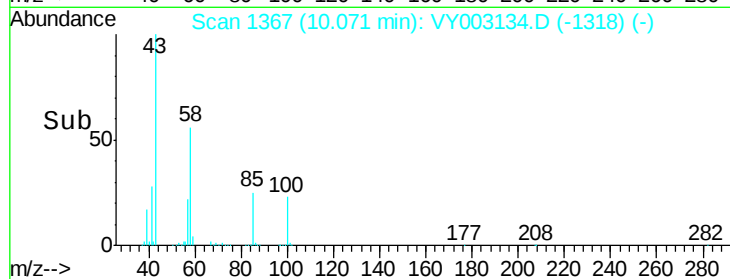
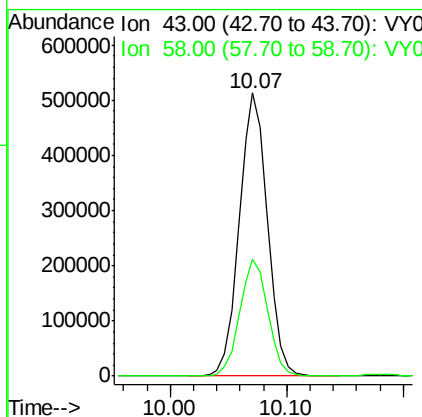
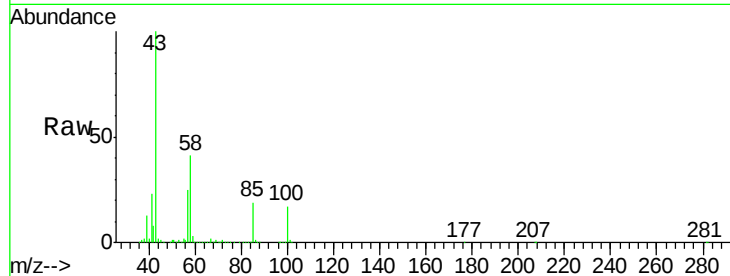
#51
4-Methyl-2-Pentanone
Concen: 248.286 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.1	31.1	46.7

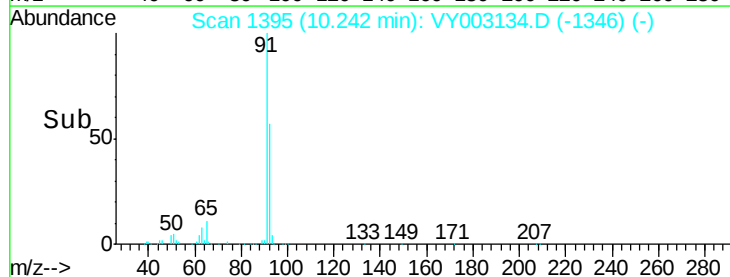
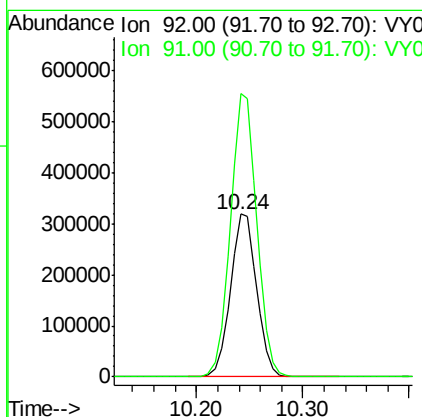
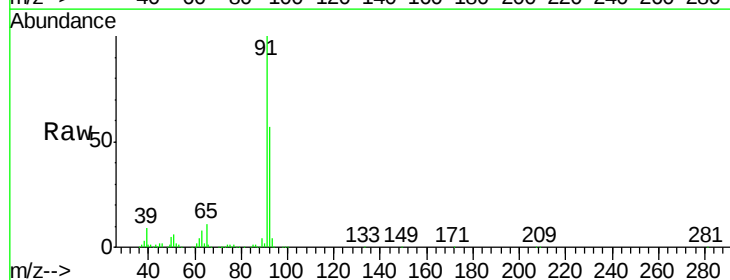
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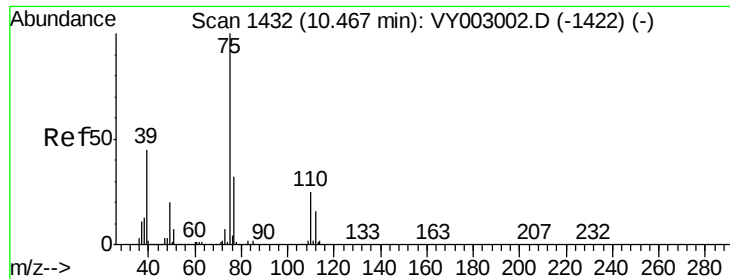
MMDadoda
7/9/2020 10:48:49 AM



#52
Toluene
Concen: 54.131 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.0	139.6	209.4





#53

t-1,3-Dichloropropene

Concen: 52.576 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 326810

Ion Ratio Lower Upper

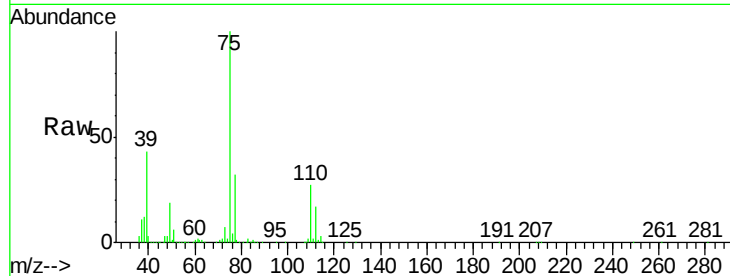
75 100

77 32.2 25.9 38.9

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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

200000

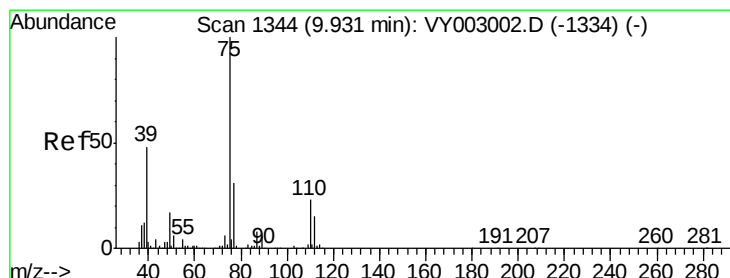
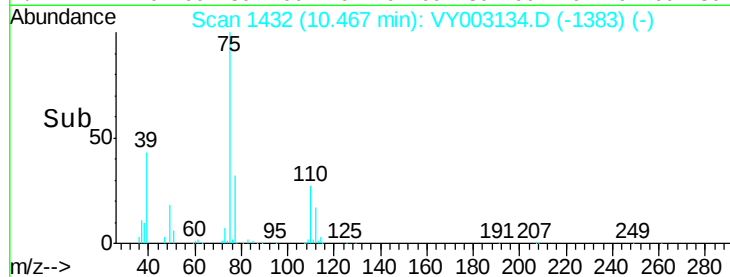
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.810 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

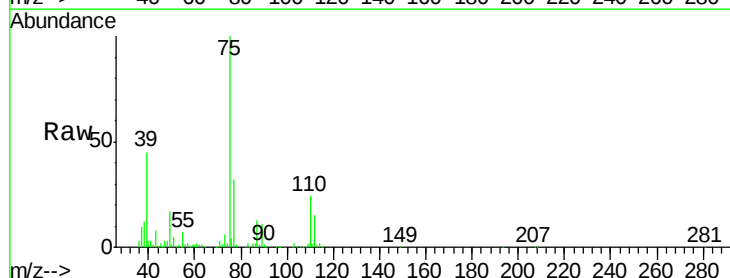
Tgt Ion: 75 Resp: 375421

Ion Ratio Lower Upper

75 100

77 32.0 24.6 37.0

39 45.4 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

300000

250000

200000

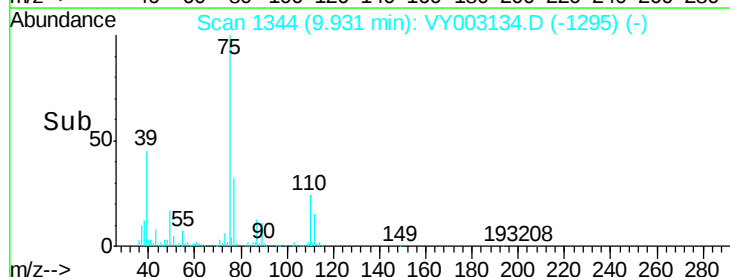
150000

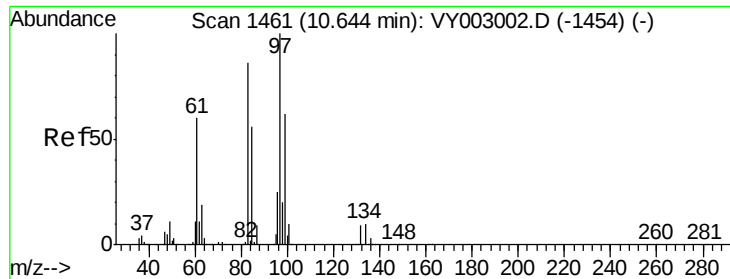
100000

50000

0

Time-->





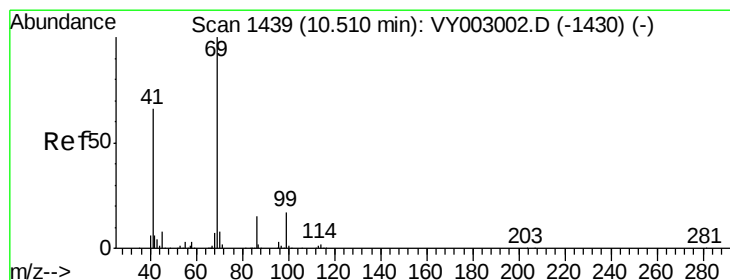
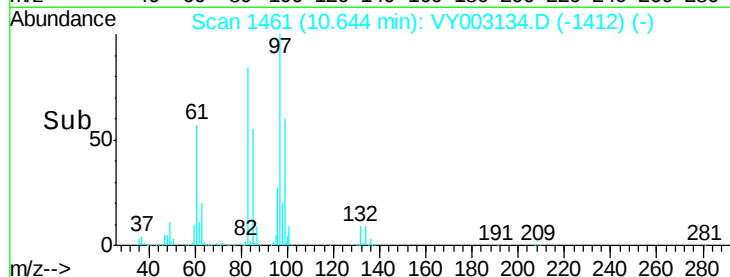
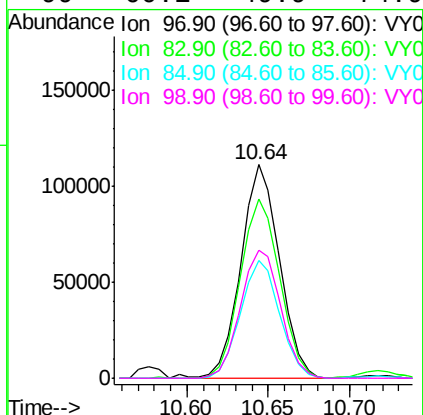
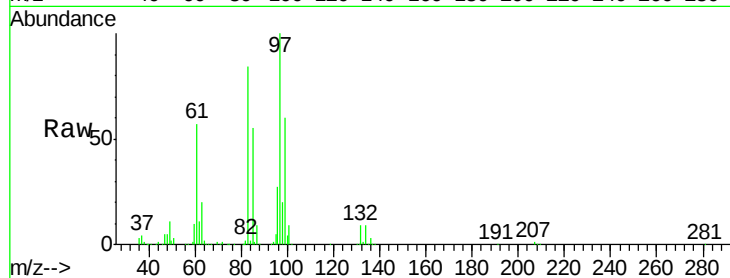
#55
 1,1,2-Trichloroethane
 Concen: 54.109 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003134.D
 Acq: 08 Jul 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	182054
Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.0	103.6
85	55.2	44.8	67.2
99	60.1	49.9	74.9

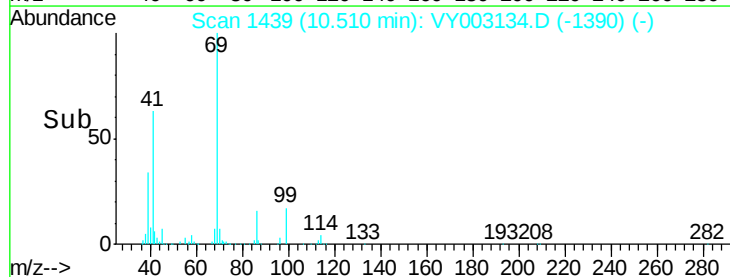
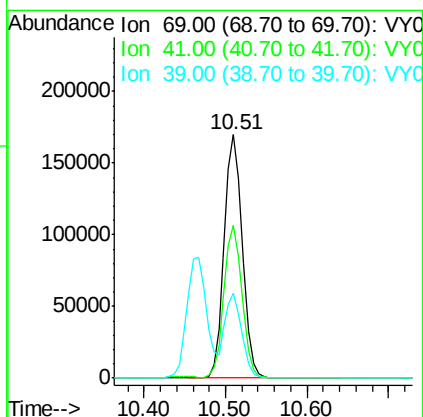
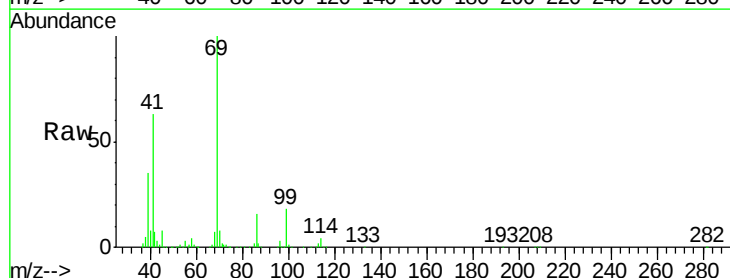
Manual Integrations
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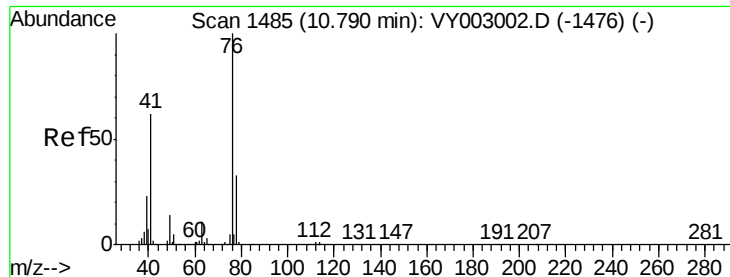
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 53.577 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003134.D
 Acq: 08 Jul 2020 13:16

Tgt Ion:	69	Resp:	260946
Ion	Ratio	Lower	Upper
69	100		
41	62.6	53.7	80.5
39	32.2	28.3	42.5





#57

1,3-Dichloropropane

Concen: 52.944 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 312718

Ion Ratio Lower Upper

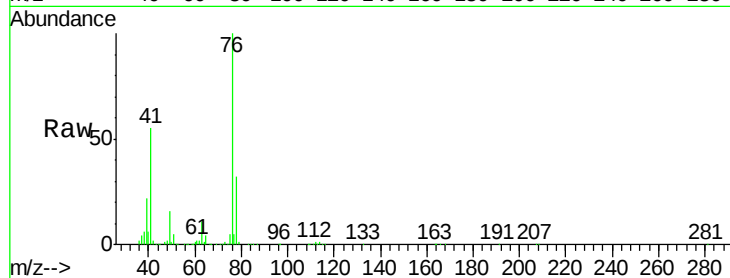
76 100

78 32.6 26.0 39.0

Manual Integrations
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MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

200000

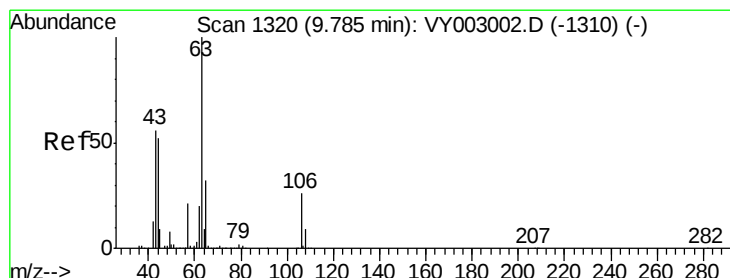
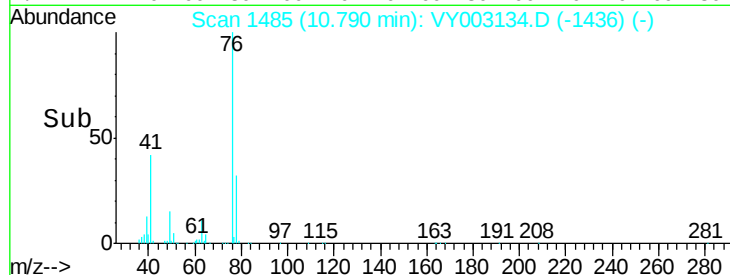
150000

100000

50000

0

Time--> 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 259.185 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003134.D

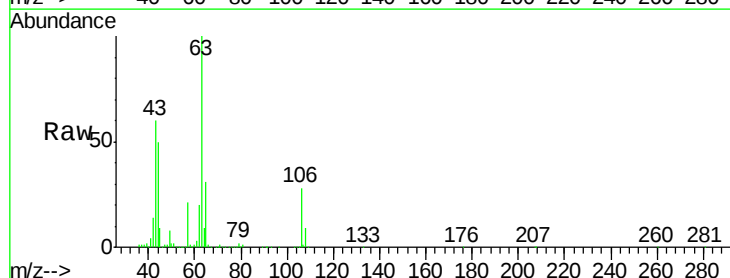
Acq: 08 Jul 2020 13:16

Tgt Ion: 63 Resp: 647421

Ion Ratio Lower Upper

63 100

106 28.3 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

400000

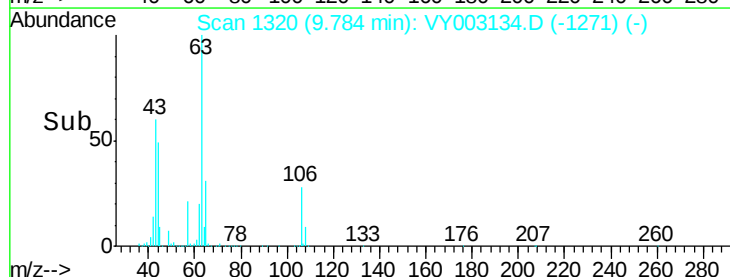
300000

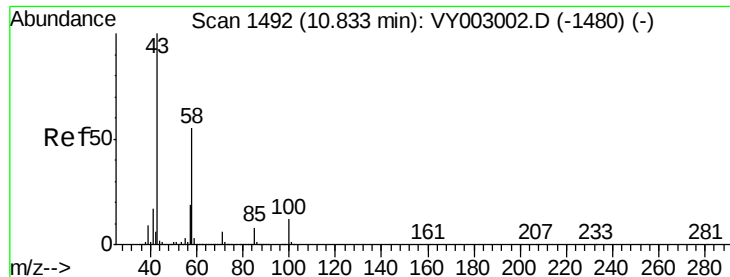
200000

100000

0

Time--> 9.70 9.80 9.90





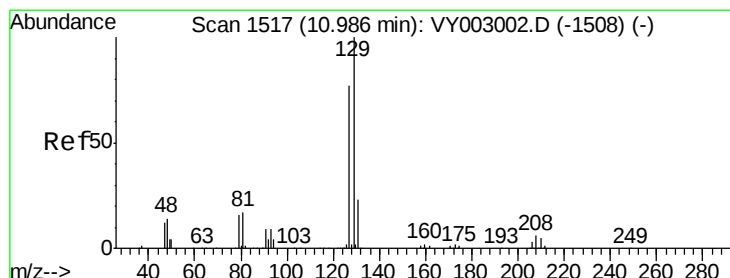
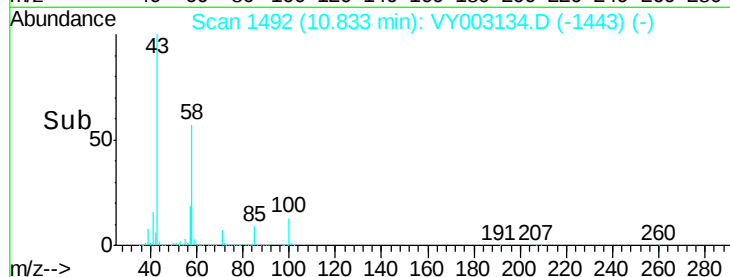
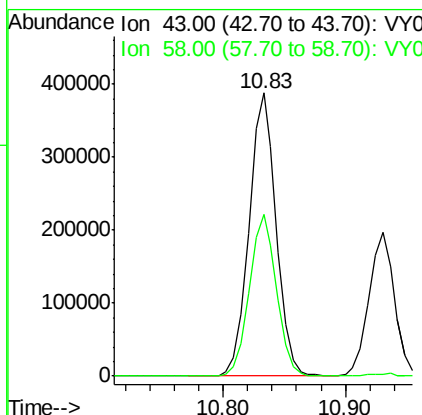
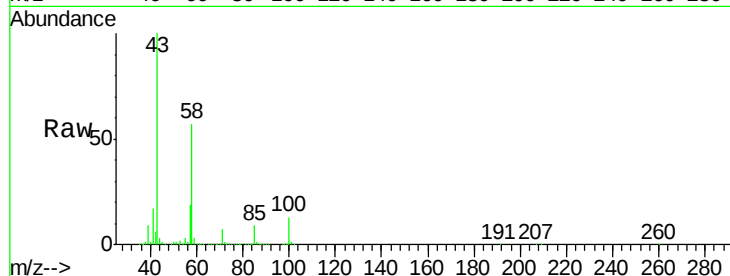
#59
2-Hexanone
Concen: 244.739 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 594824
Ion Ratio Lower Upper
43 100
58 57.4 27.5 82.4

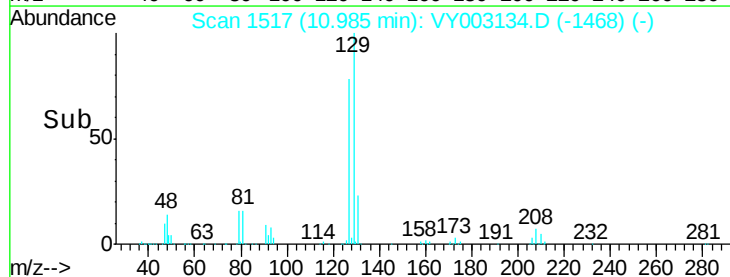
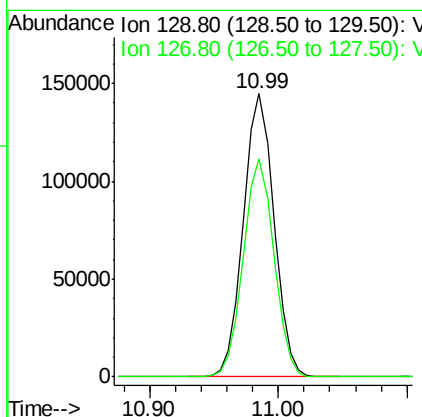
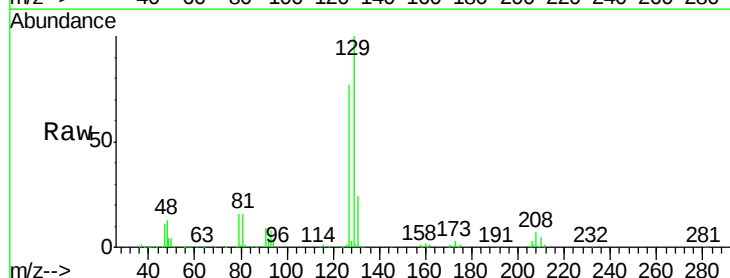
Manual Integrations
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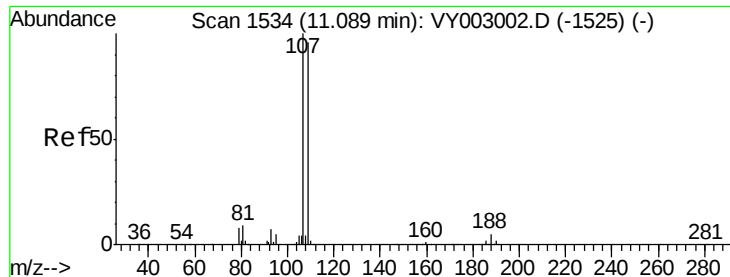
MMDadoda
7/9/2020 10:48:49 AM



#60
Dibromochloromethane
Concen: 55.201 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Tgt Ion: 129 Resp: 237686
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.3





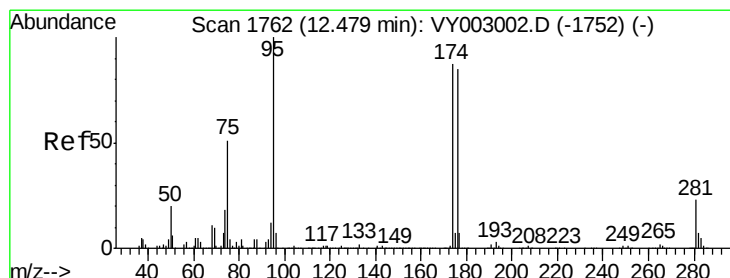
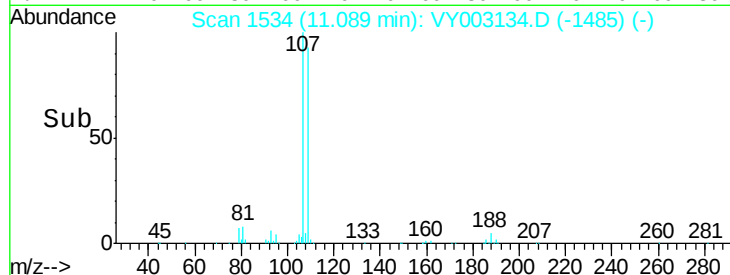
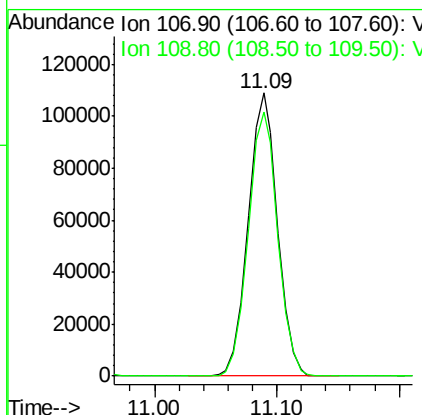
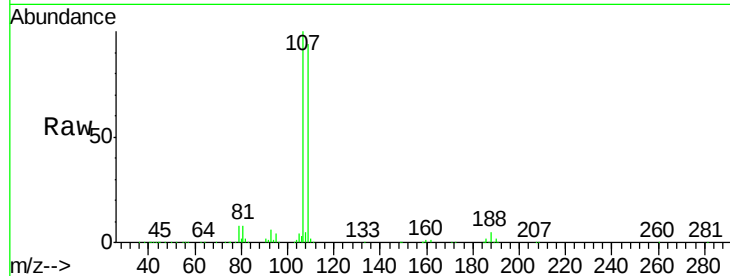
#61
 1,2-Dibromoethane
 Concen: 54.543 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003134.D
 Acq: 08 Jul 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	180919		
109	94.1	75.8	113.8	

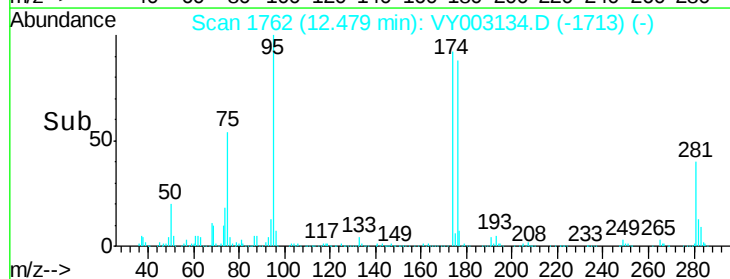
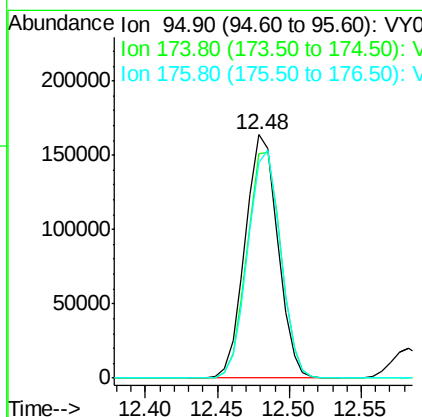
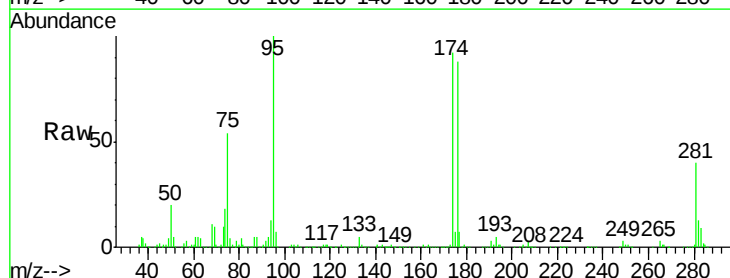
Manual Integrations
 APPROVED

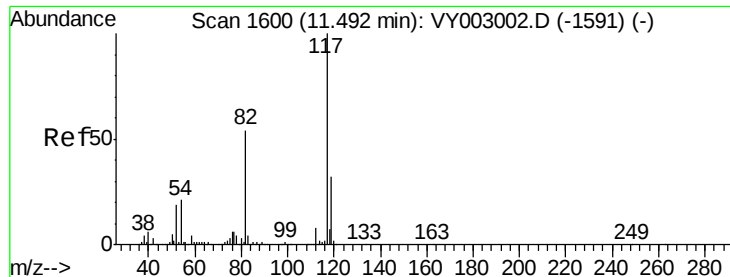
MMDadoda
 7/9/2020 10:48:49 AM



#62
 4-Bromofluorobenzene
 Concen: 51.467 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003134.D
 Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	257265		
174	95.6	0.0	184.8	
176	93.5	0.0	183.0	





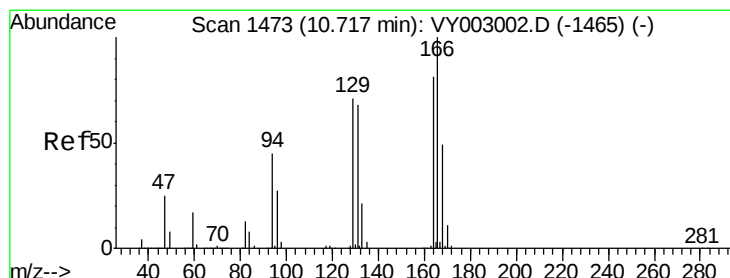
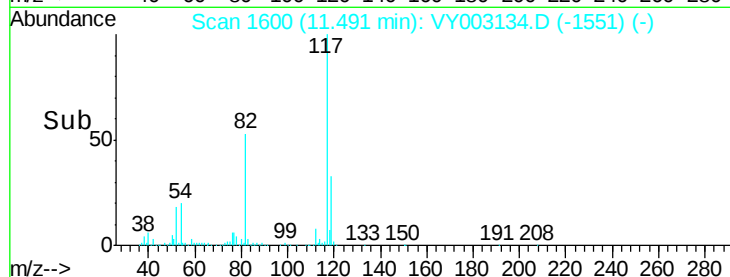
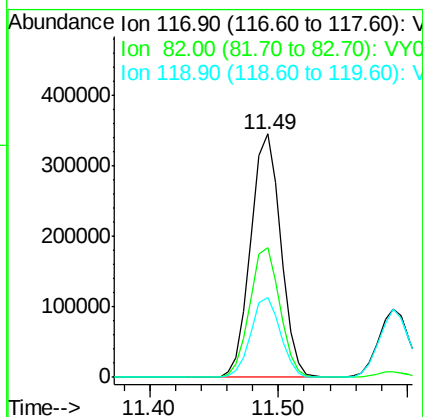
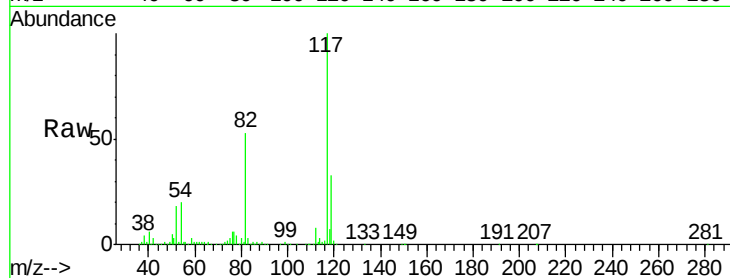
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	554837		
82	53.3		43.0	64.6
119	32.7		25.8	38.8

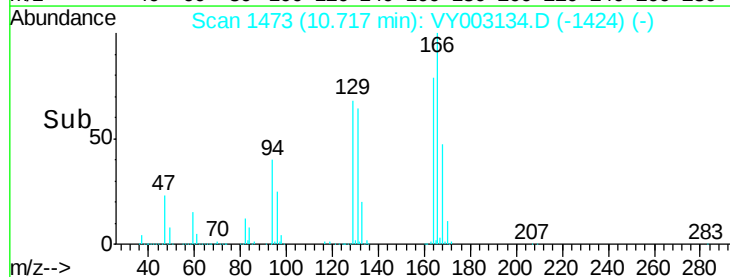
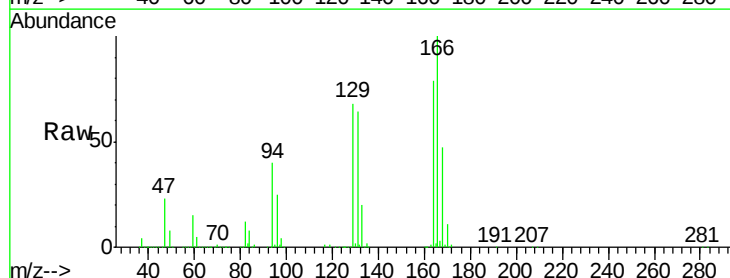
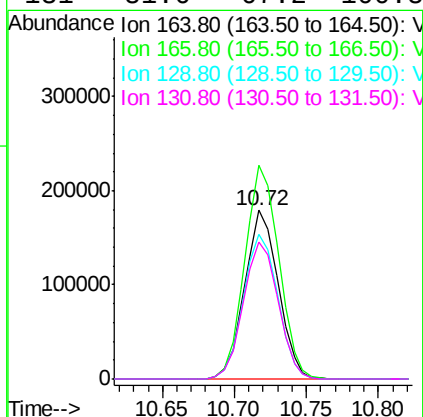
Manual Integrations
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#64
Tetrachloroethene
Concen: 61.377 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	288215		
166	126.7		98.5	147.7
129	85.8		69.7	104.5
131	81.6		67.2	100.8





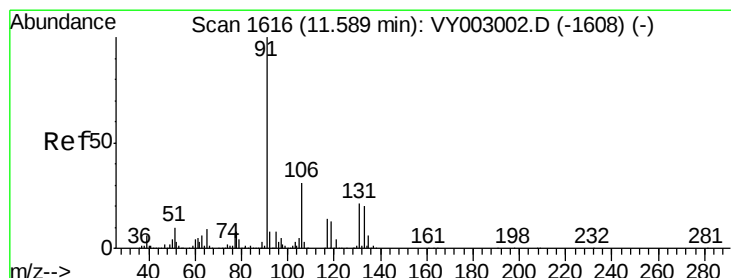
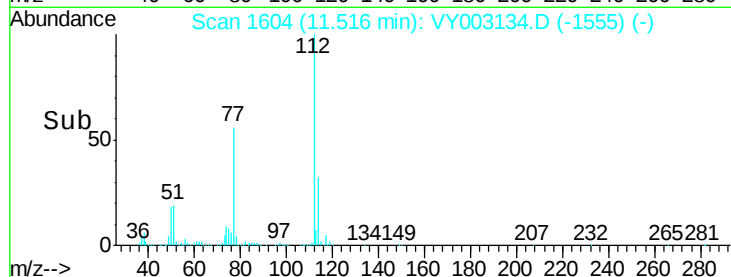
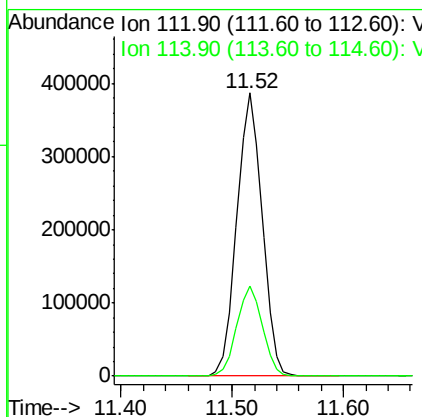
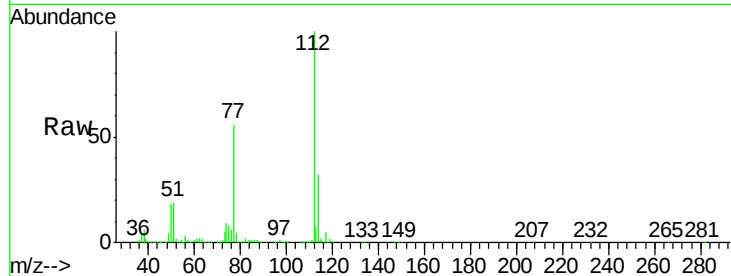
#65
Chlorobenzene
Concen: 55.732 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.7	38.5

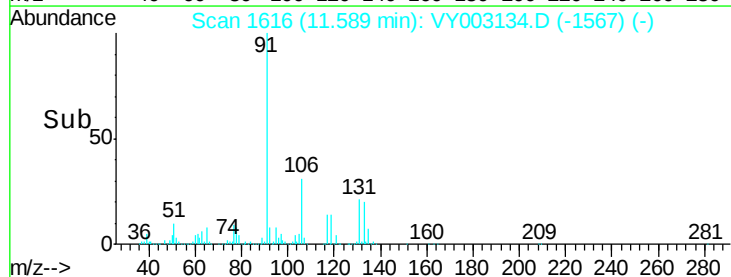
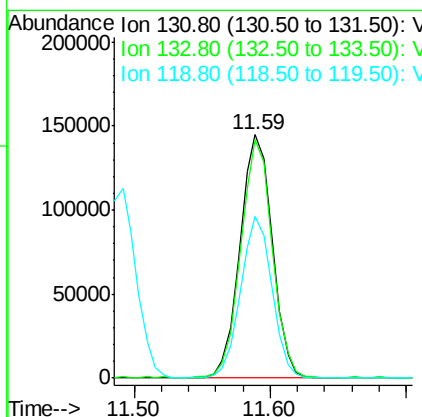
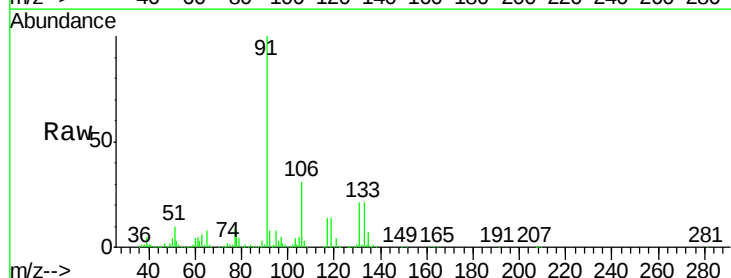
Manual Integrations
APPROVED

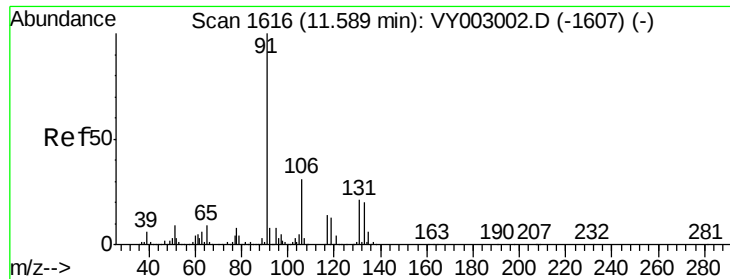
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.103 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.9	143.8
119	64.4	31.8	95.3





#67

Ethyl Benzene

Concen: 55.354 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1107890

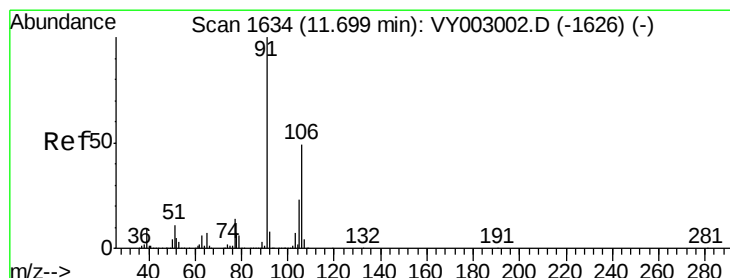
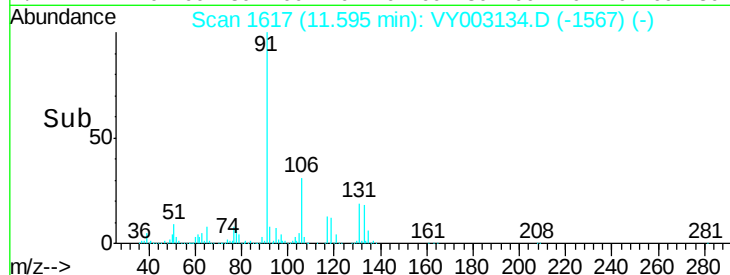
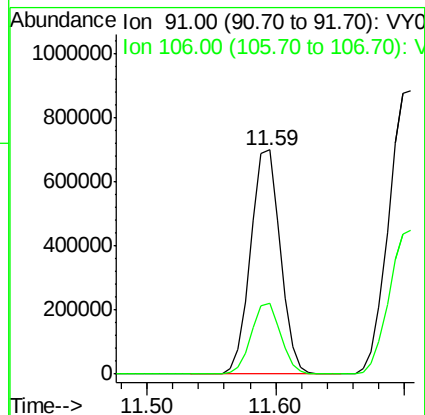
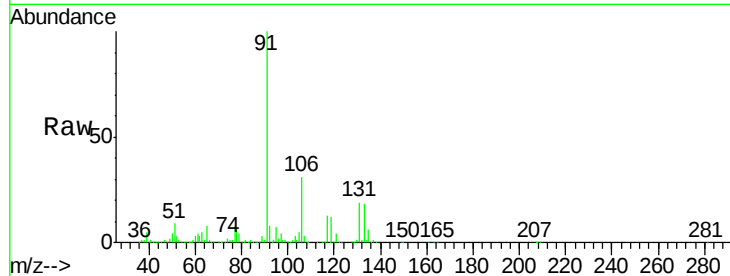
Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.4

Manual Integrations
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#68

m/p-Xylenes

Concen: 112.245 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY003134.D

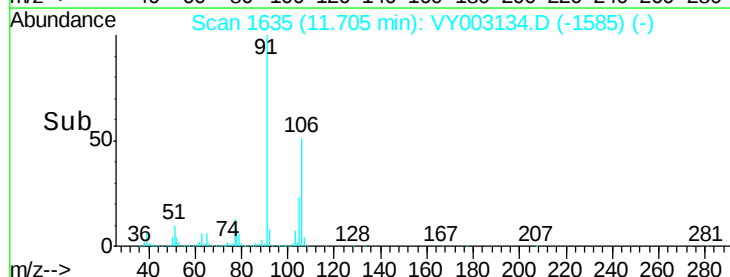
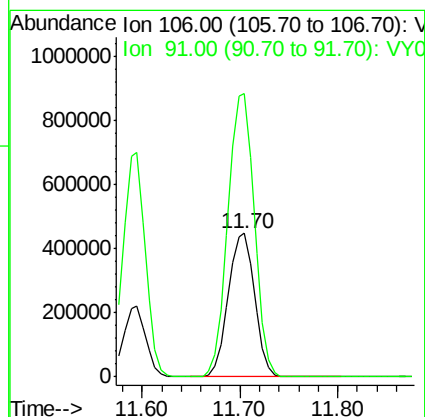
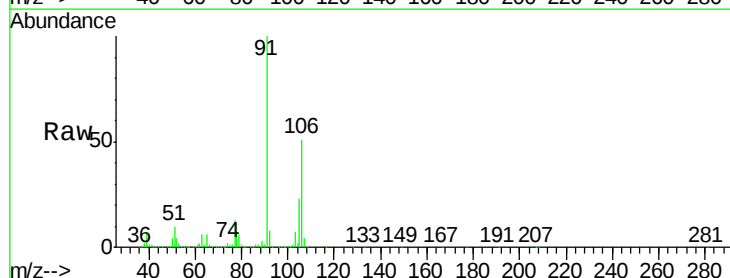
Acq: 08 Jul 2020 13:16

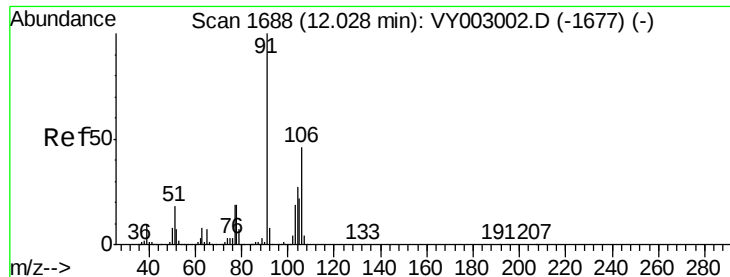
Tgt Ion: 106 Resp: 836121

Ion Ratio Lower Upper

106 100

91 198.5 161.9 242.9





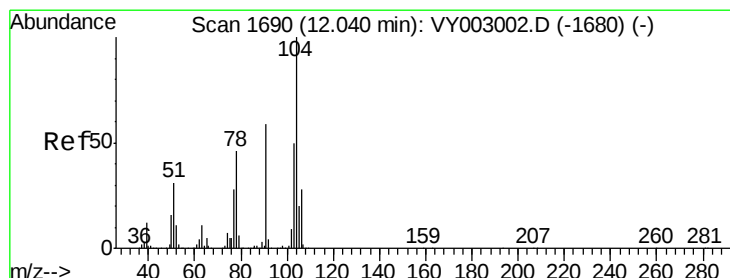
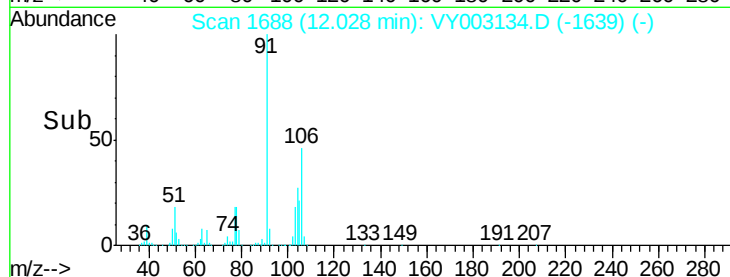
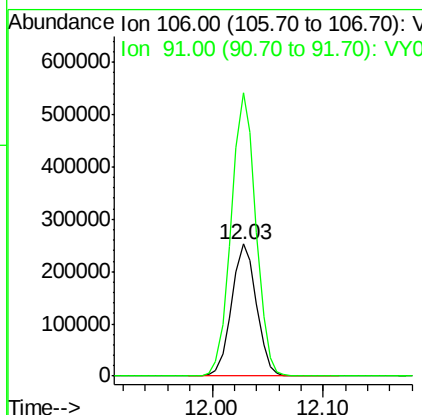
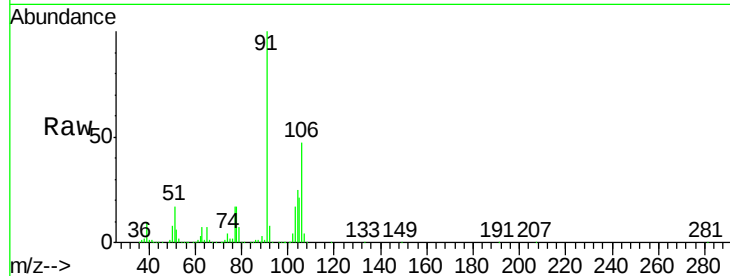
#69
o-Xylene
Concen: 55.534 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 389815
Ion Ratio Lower Upper
106 100
91 212.2 107.9 323.8

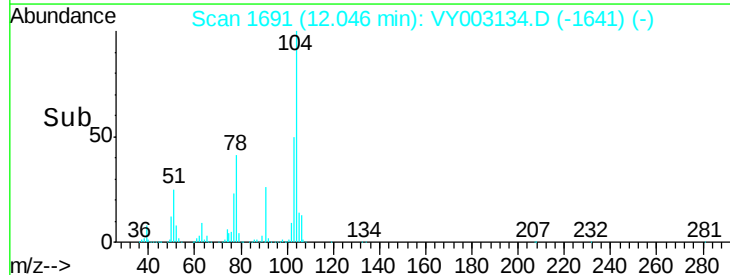
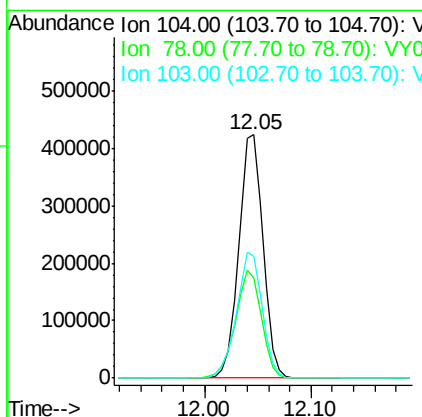
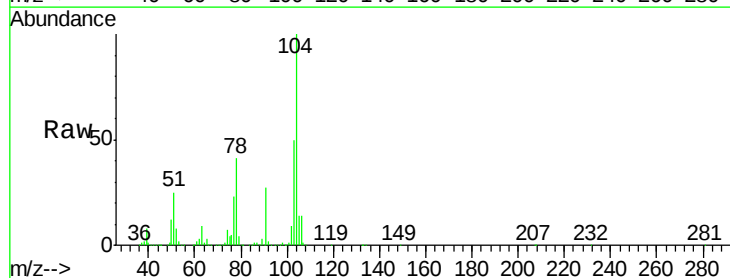
Manual Integrations
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7/9/2020 10:48:49 AM



#70
Styrene
Concen: 56.576 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Tgt Ion:104 Resp: 678450
Ion Ratio Lower Upper
104 100
78 47.7 40.4 60.6
103 54.9 44.1 66.1





#71

Bromoform

Concen: 56.249 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

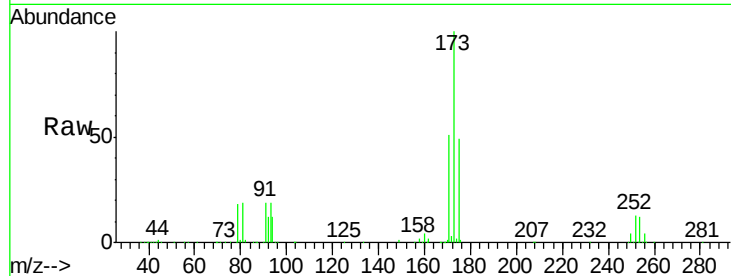
ClientSampleId :

VSTDCCC050

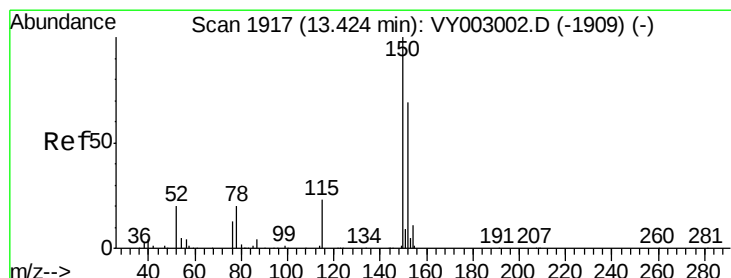
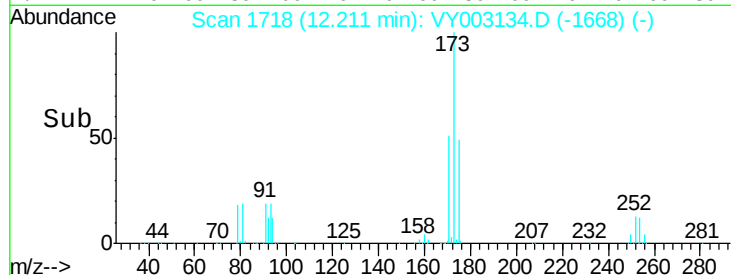
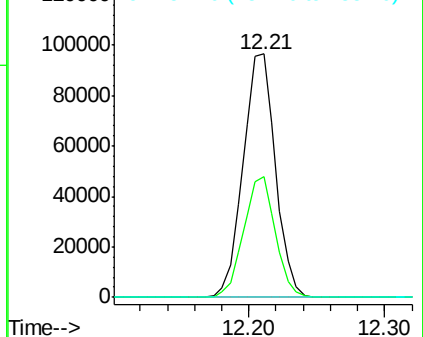
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.6	73.6
254	0.2	0.2	0.2

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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

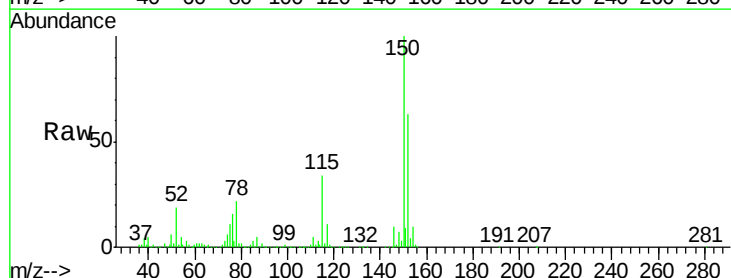
RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

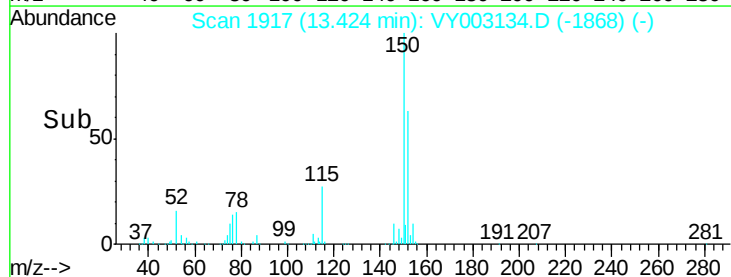
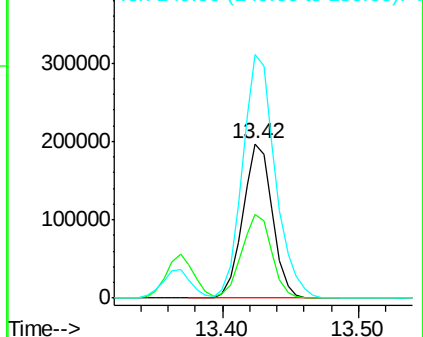
Lab File: VY003134.D

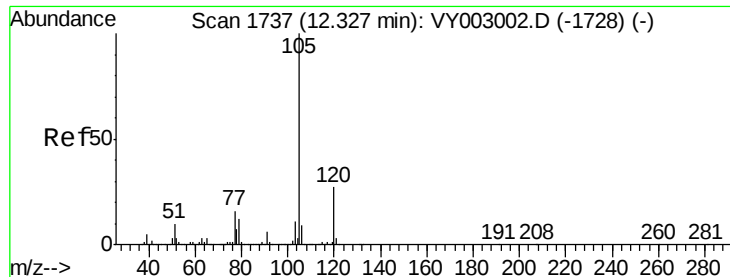
Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.3	81.9
150	175.2	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: 55.979 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1087423

Ion Ratio Lower Upper

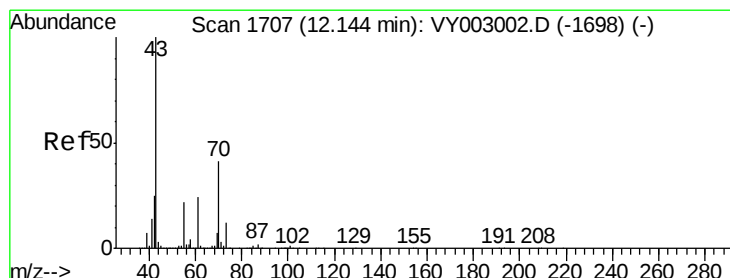
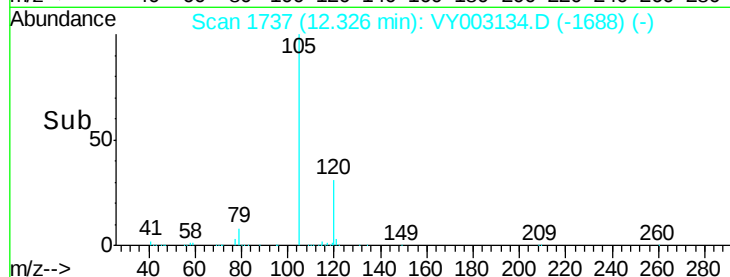
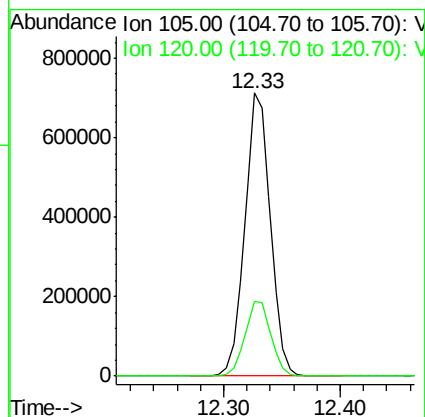
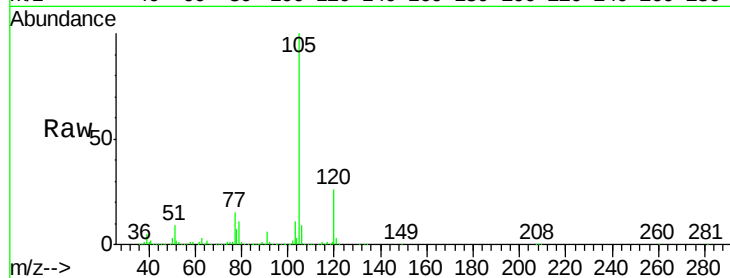
105 100

120 26.9 13.4 40.1

Manual Integrations
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#74

N-ethyl acetate

Concen: 48.933 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Tgt Ion: 43 Resp: 309452

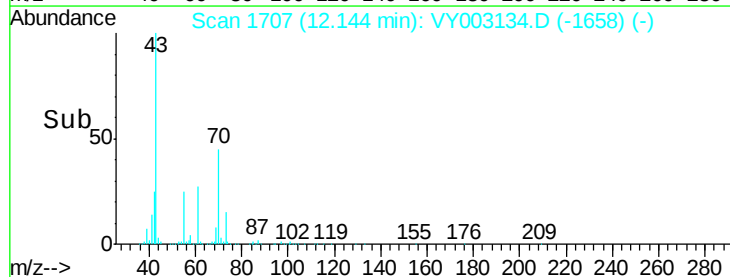
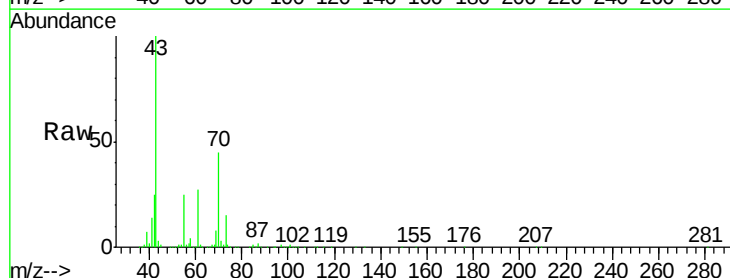
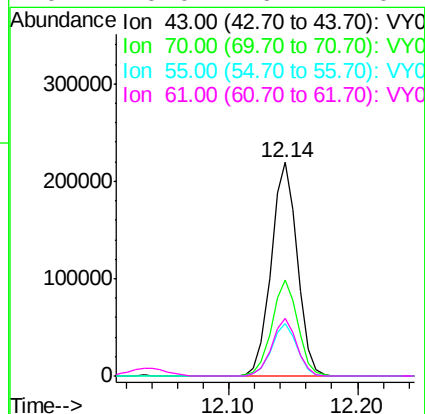
Ion Ratio Lower Upper

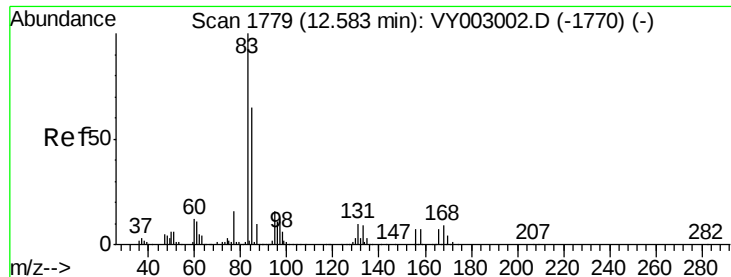
43 100

70 44.9 33.0 49.4

55 24.6 18.2 27.2

61 26.0 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.567 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

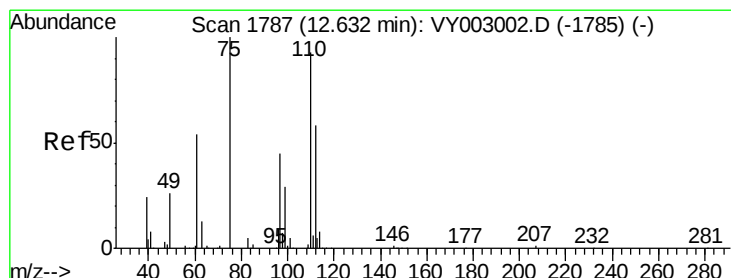
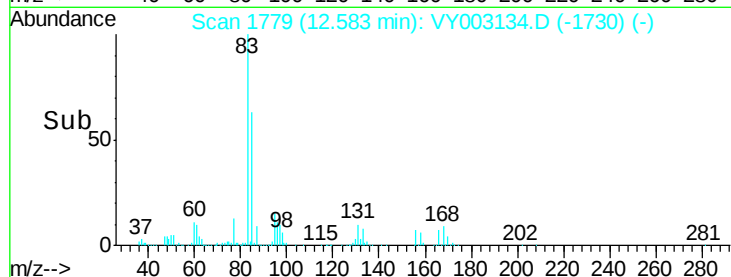
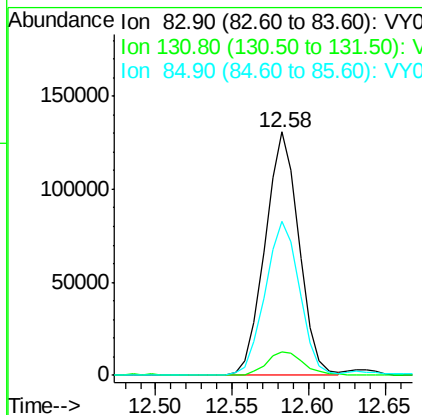
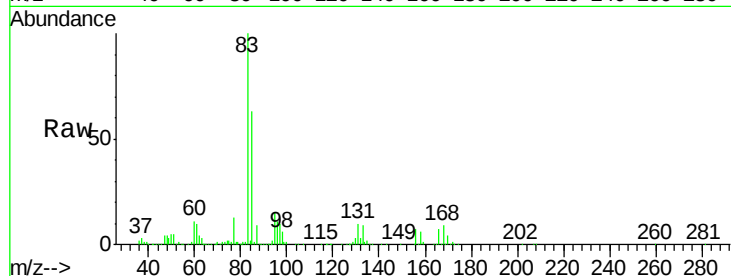
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	202153
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	64.3	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 53.910 ug/l m

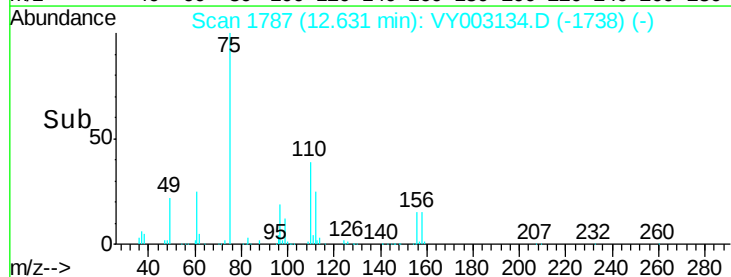
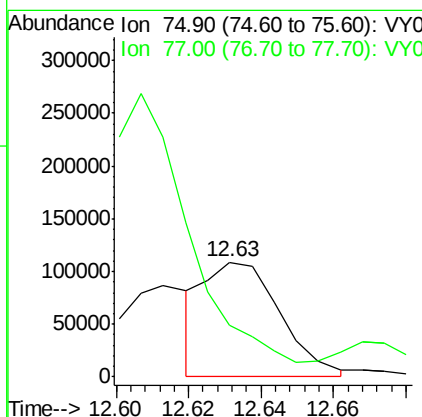
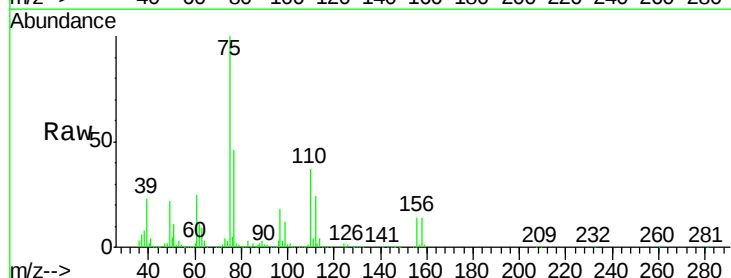
RT: 12.63 min Scan# 1787

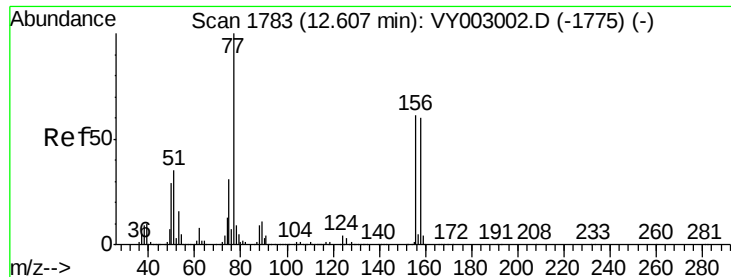
Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Tgt Ion:	75	Resp:	158367
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.711 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

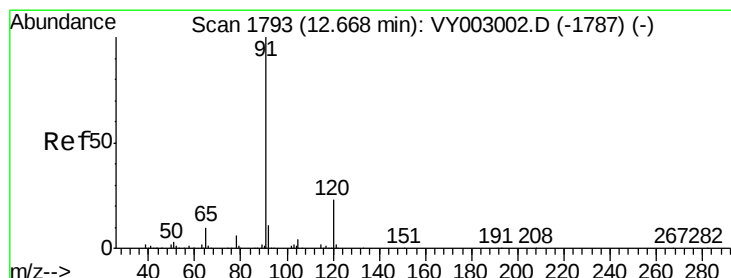
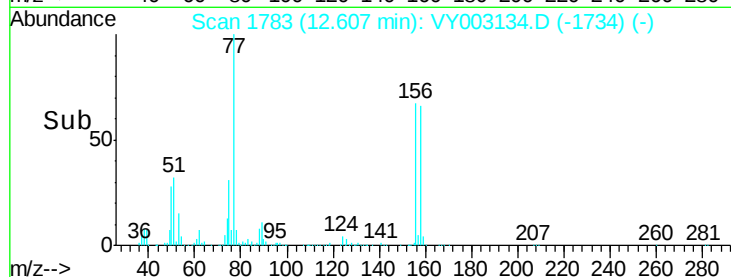
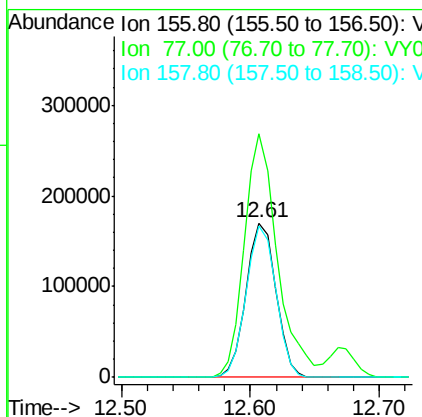
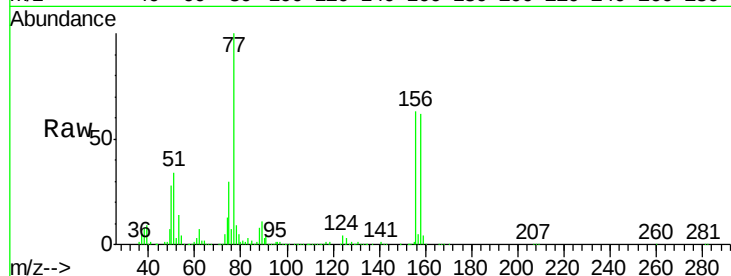
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	272500
Ion Ratio	Lower	Upper	
156	100		
77	174.2	90.0	270.0
158	97.4	48.5	145.5

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#78

n-propylbenzene

Concen: 55.300 ug/l

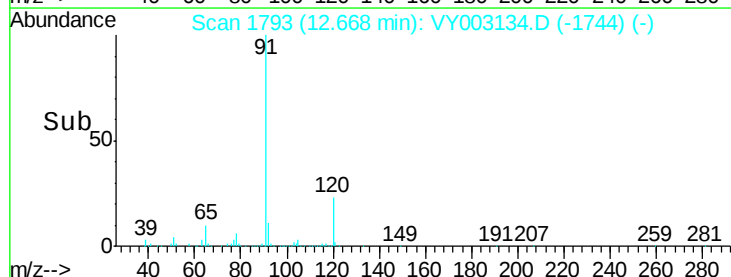
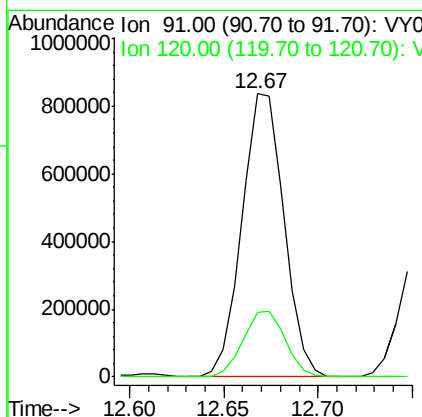
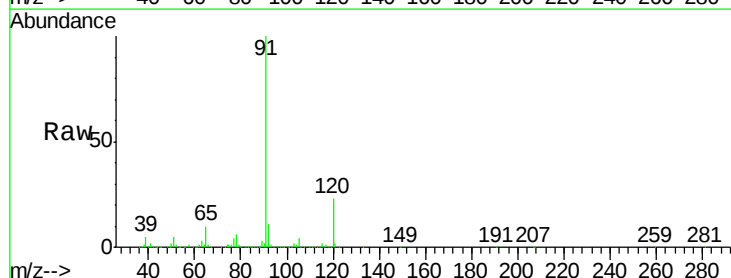
RT: 12.67 min Scan# 1793

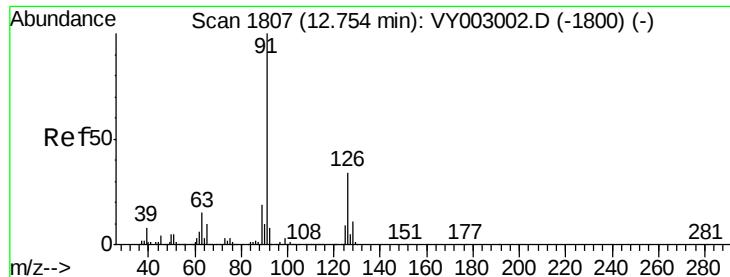
Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Tgt Ion:	91	Resp:	1291915
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.5





#79

2-Chlorotoluene

Concen: 54.456 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 710112

Ion Ratio Lower Upper

91 100

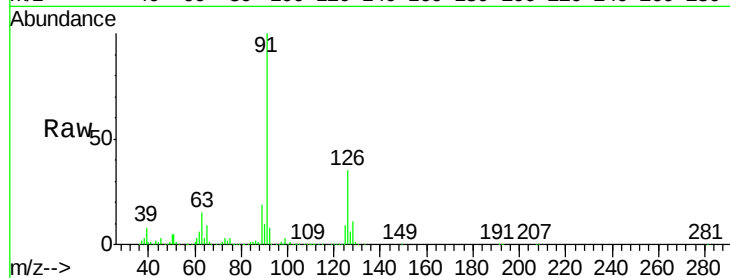
126 35.7 17.1 51.3

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Abundance Ion 91.00 (90.70 to 91.70): VY003134.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY003134.D (-1758) (-)

800000

600000

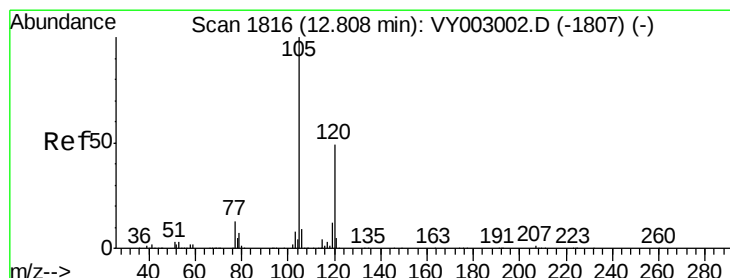
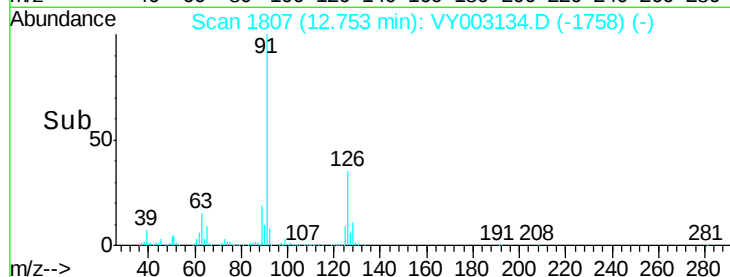
400000

200000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 55.679 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003134.D

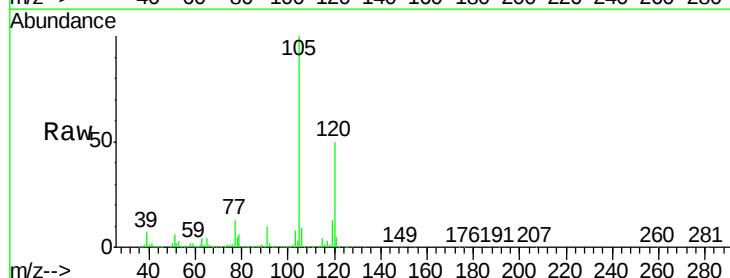
Acq: 08 Jul 2020 13:16

Tgt Ion: 105 Resp: 907615

Ion Ratio Lower Upper

105 100

120 50.1 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VY003134.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY003134.D (-1767) (-)

600000

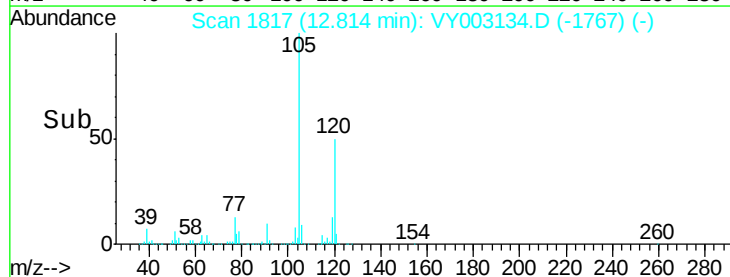
400000

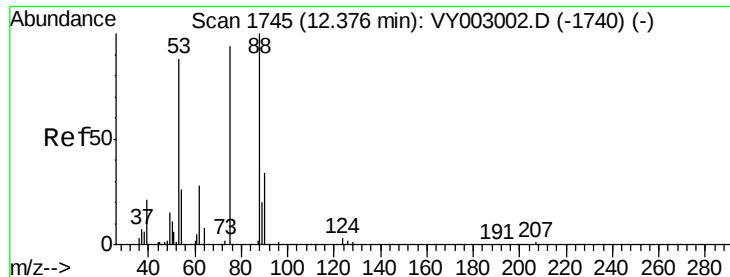
200000

0

12.70 12.80 12.90

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 51.837 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

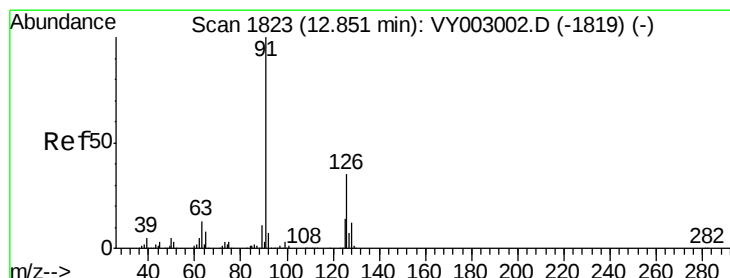
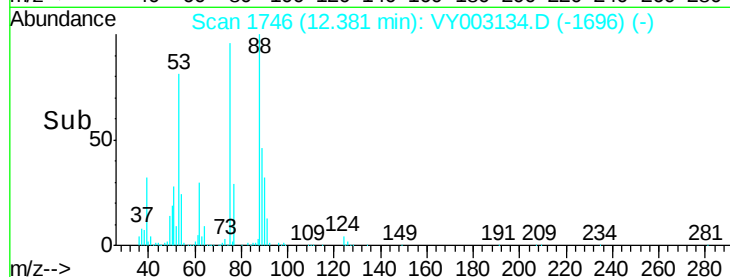
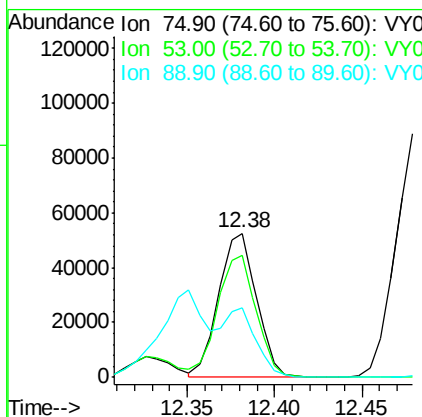
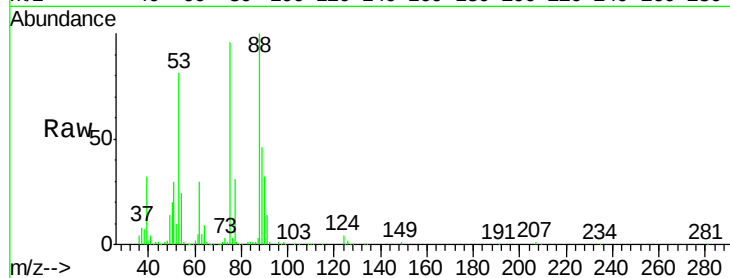
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	78268
Ion	Ratio	Lower	Upper
75	100		
53	87.5	73.9	110.9
89	36.0	37.5	56.3#

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#82

4-Chlorotoluene

Concen: 54.909 ug/l

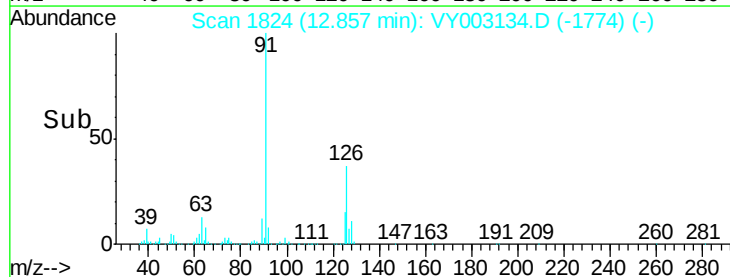
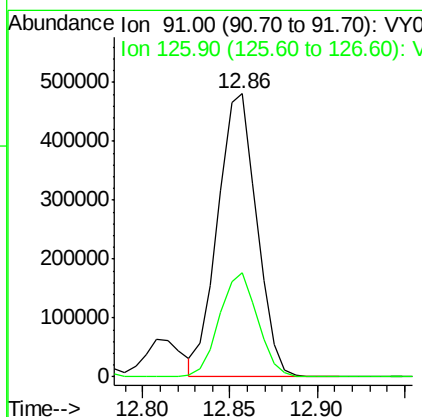
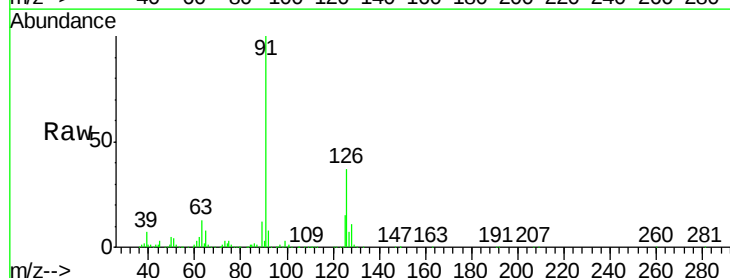
RT: 12.86 min Scan# 1824

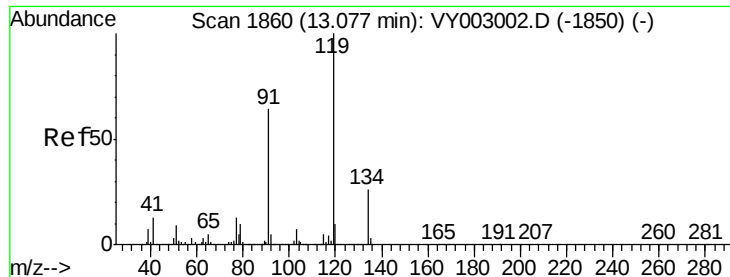
Delta R.T. 0.01 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Tgt Ion:	91	Resp:	745494
Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.4	52.3





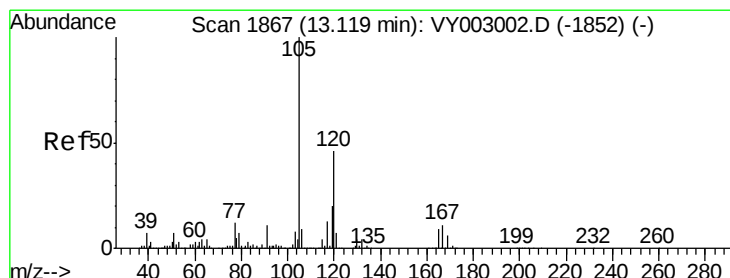
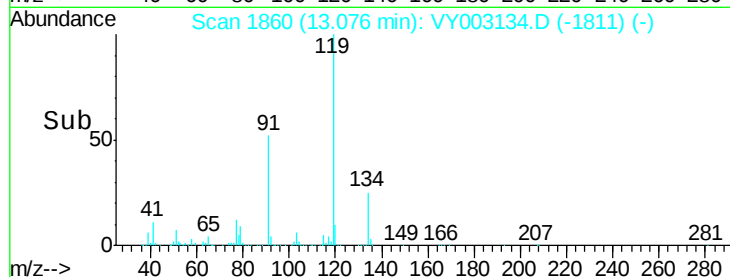
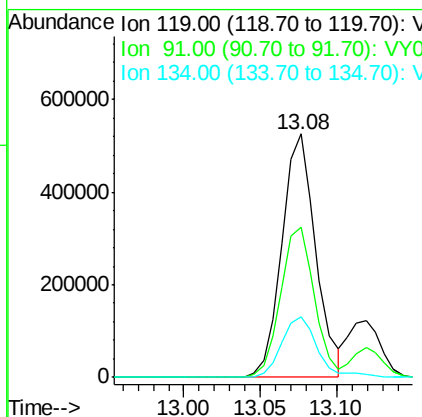
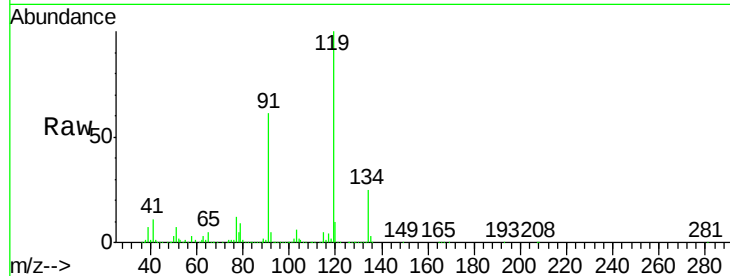
#83
tert-Butylbenzene
Concen: 56.210 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.4	31.6	95.0
134	26.5	13.2	39.5

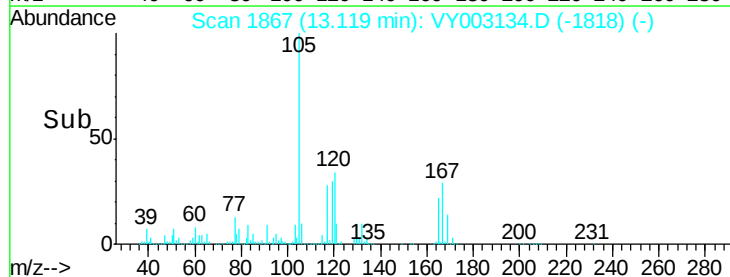
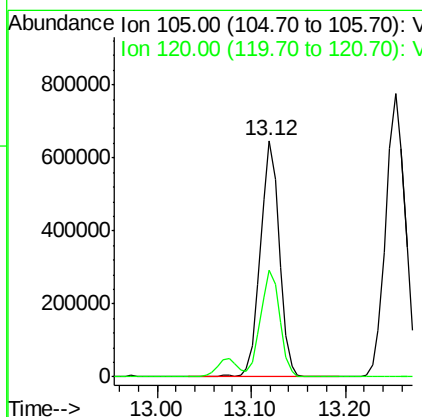
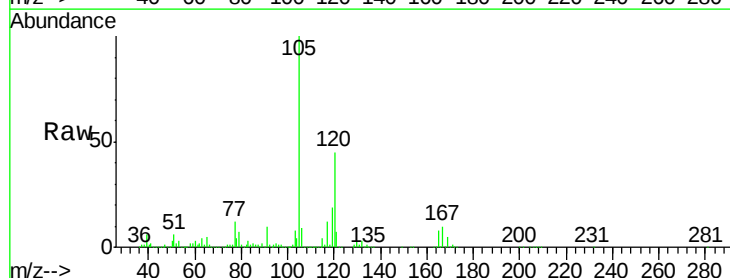
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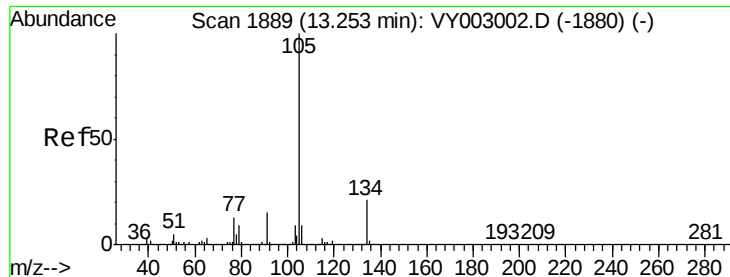
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#84
1,2,4-Trimethylbenzene
Concen: 55.806 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.6	67.8





#85

sec-Butylbenzene

Concen: 56.735 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1119318

Ion Ratio Lower Upper

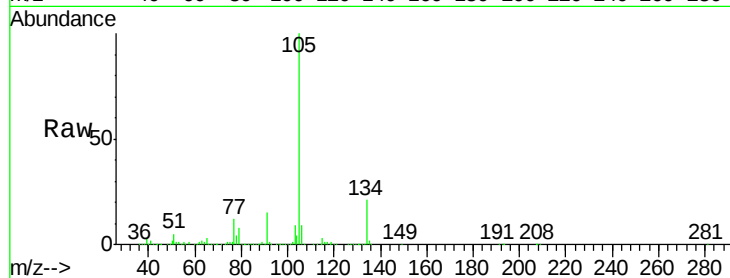
105 100

134 21.3 10.4 31.2

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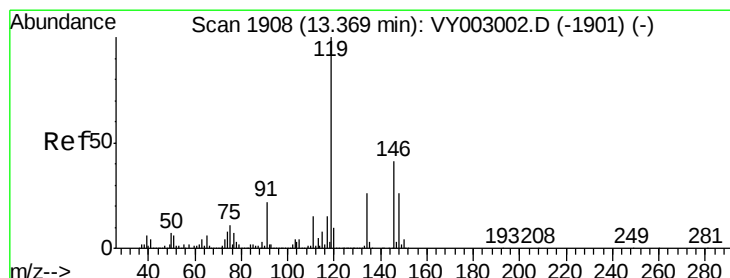
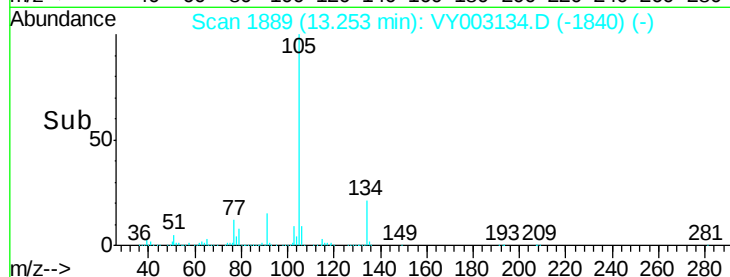
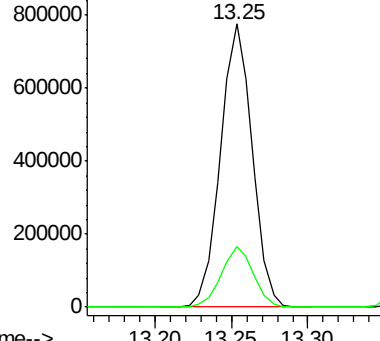
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.866 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003134.D

Acq: 08 Jul 2020 13:16

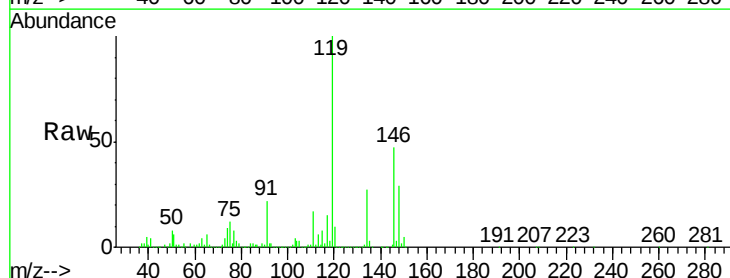
Tgt Ion:119 Resp: 1039579

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

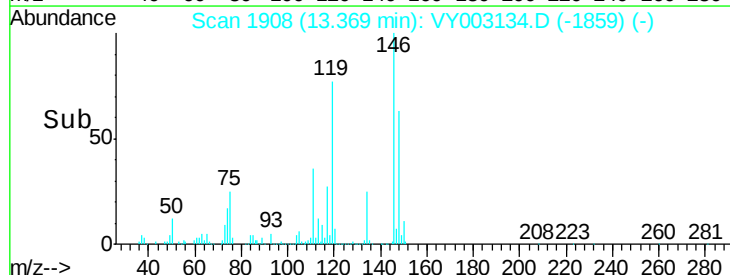
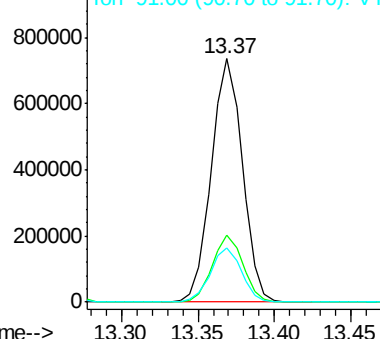
91 22.2 11.5 34.5

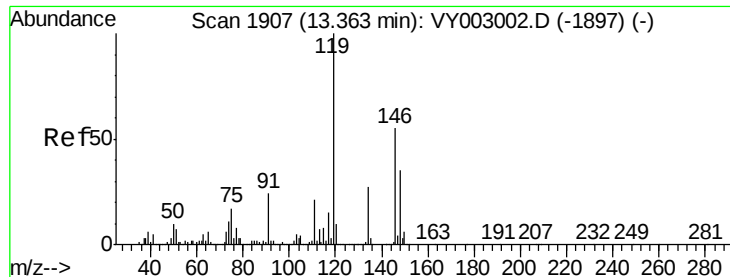


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





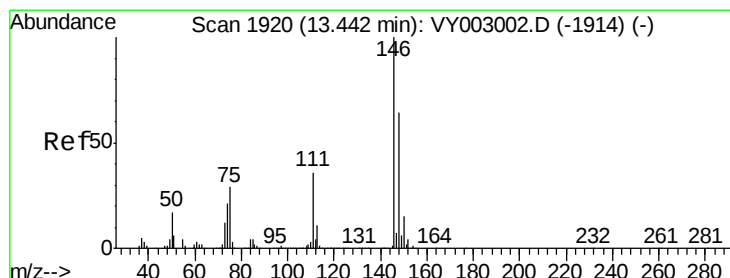
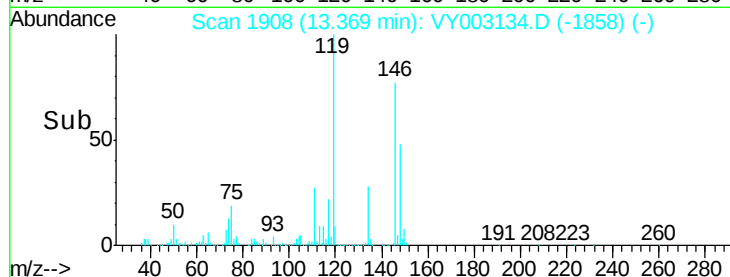
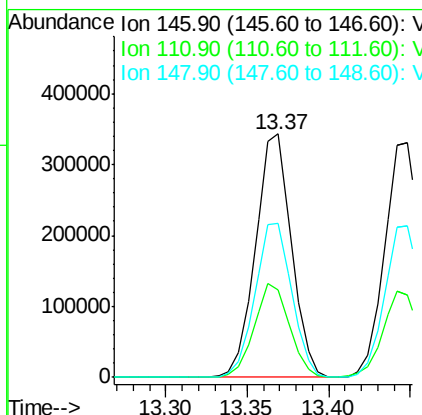
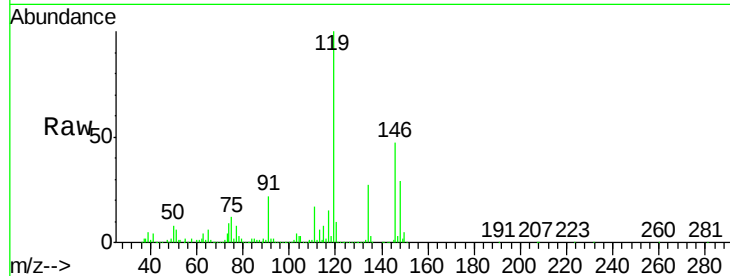
#87
1,3-Dichlorobenzene
Concen: 56.084 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. 0.01 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.3
148	64.9	31.8	95.3

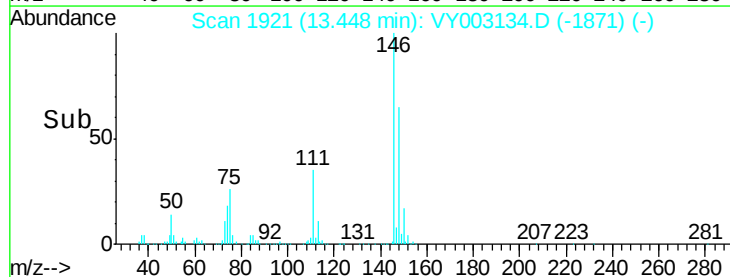
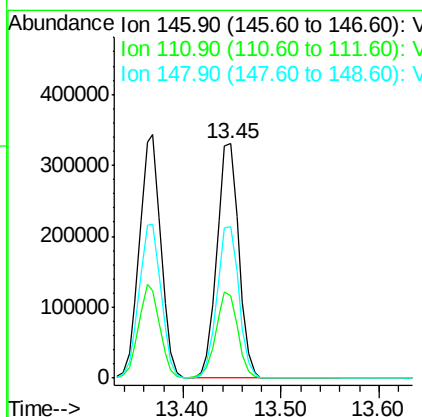
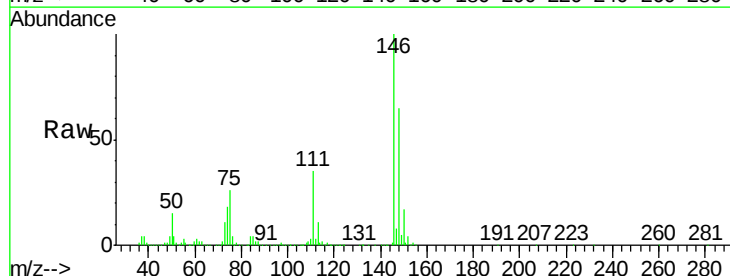
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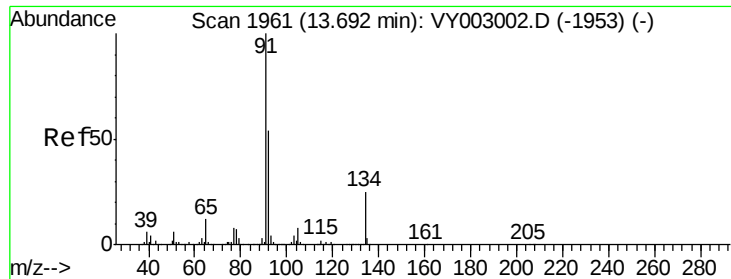
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#88
1,4-Dichlorobenzene
Concen: 56.160 ug/l
RT: 13.45 min Scan# 1921
Delta R.T. 0.01 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.4	55.4
148	64.7	32.3	96.9





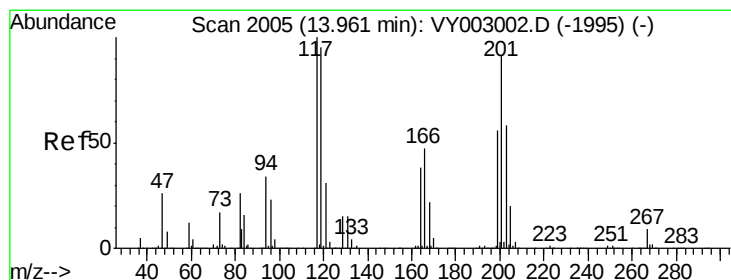
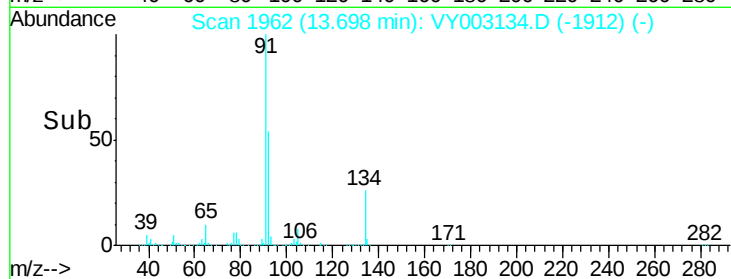
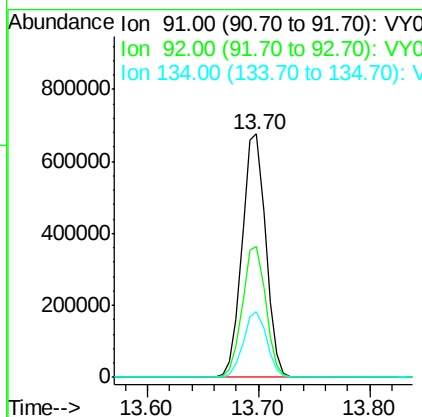
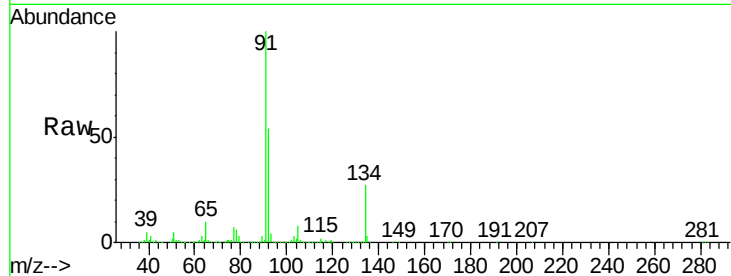
#89
n-Butylbenzene
Concen: 56.820 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.8	80.3
134	26.8	13.1	39.1

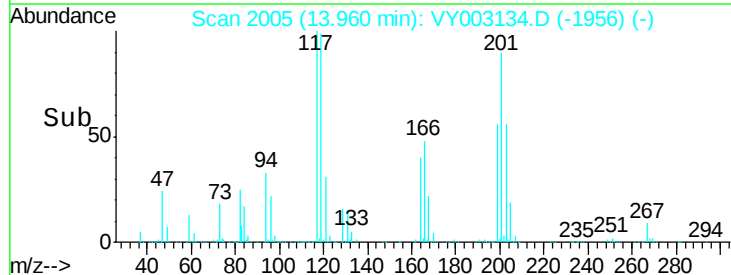
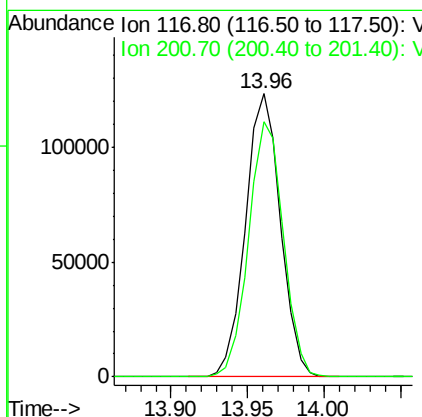
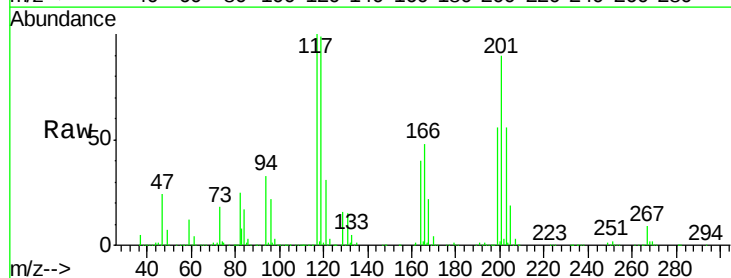
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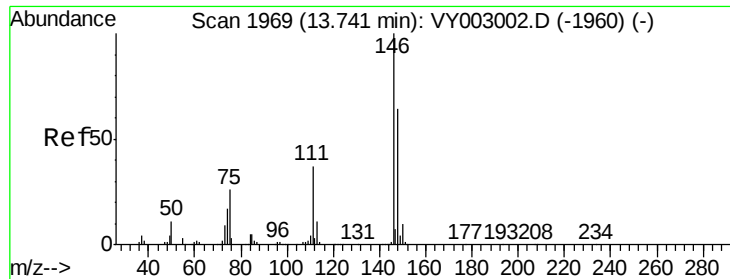
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#90
Hexachloroethane
Concen: 53.985 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.6	45.5	136.4





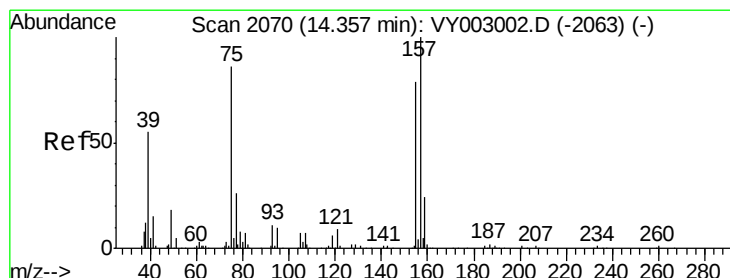
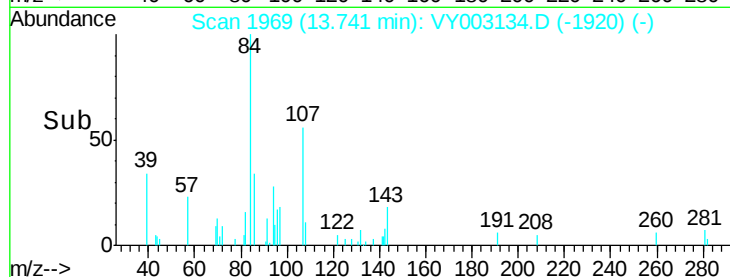
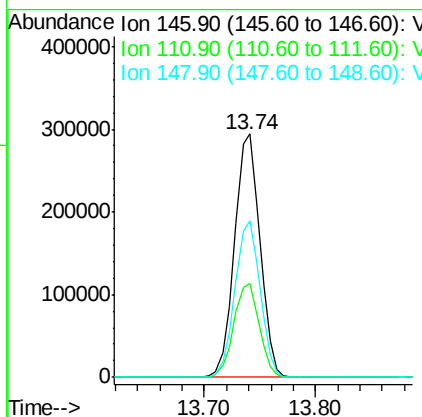
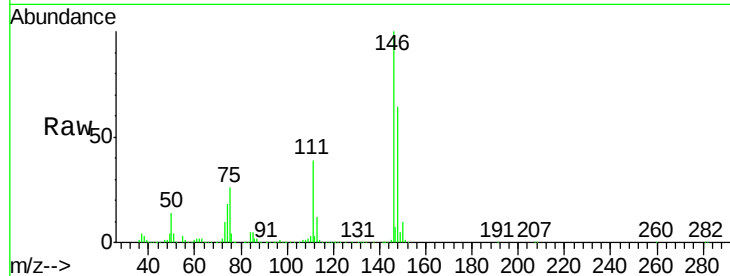
#91
 1,2-Dichlorobenzene
 Concen: 55.777 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY003134.D
 Acq: 08 Jul 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.5
148	63.7	31.8	95.3

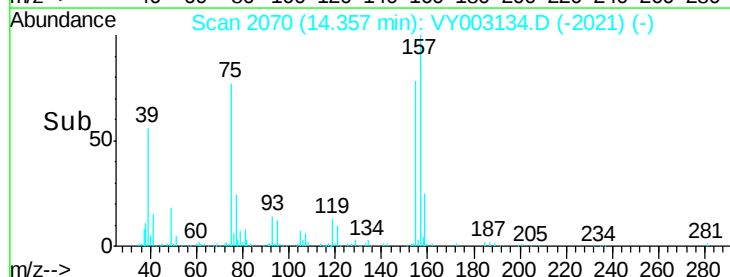
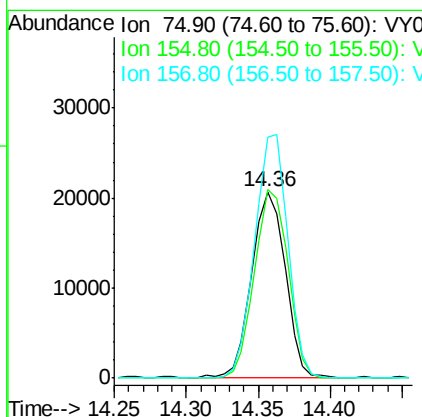
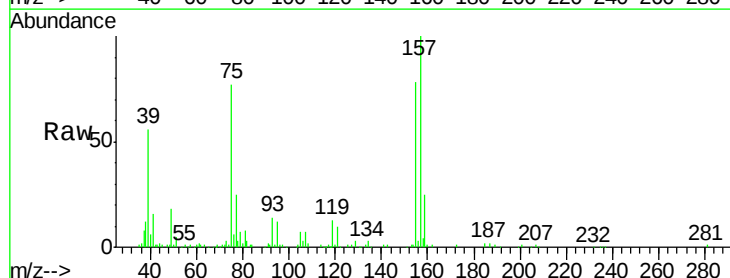
Manual Integrations
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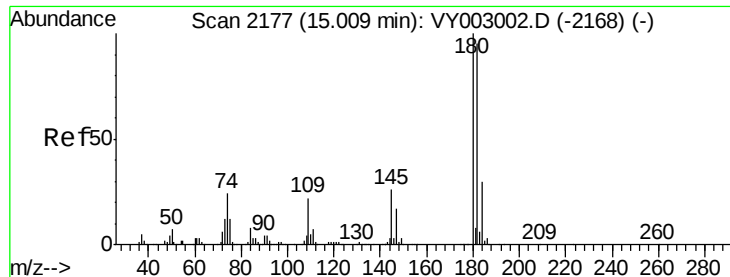
MMDadoda
 7/9/2020 10:48:49 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.402 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003134.D
 Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.9	46.5	139.3
157	128.2	59.2	177.5





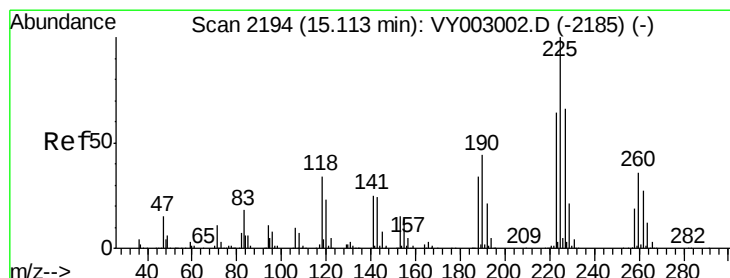
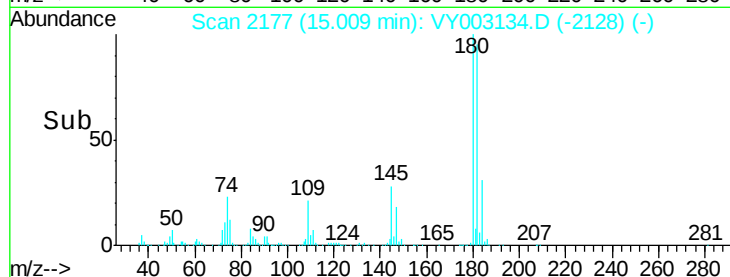
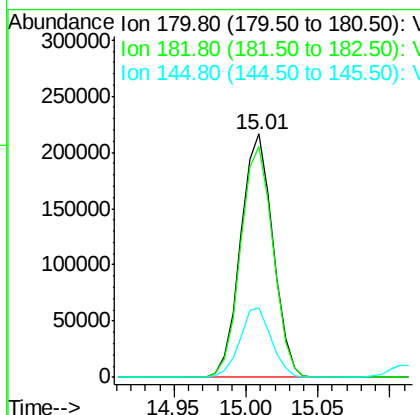
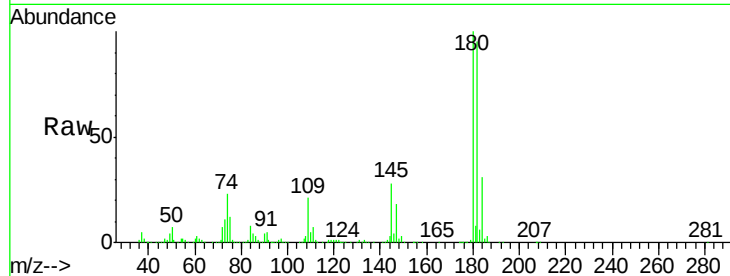
#93
 1,2,4-Trichlorobenzene
 Concen: 54.056 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003134.D
 Acq: 08 Jul 2020 13:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	48.1	144.3	
145	27.9	13.9	41.6	

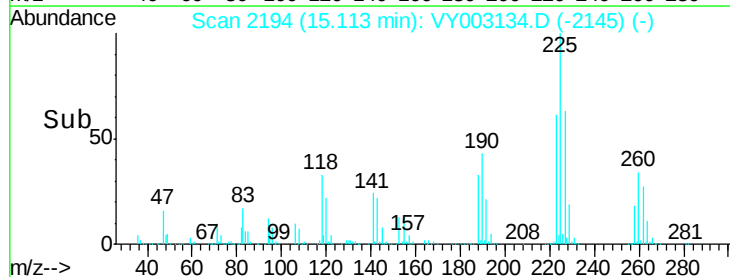
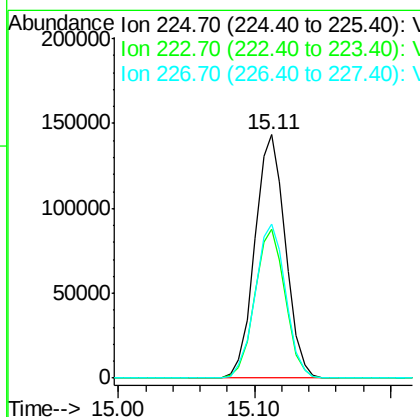
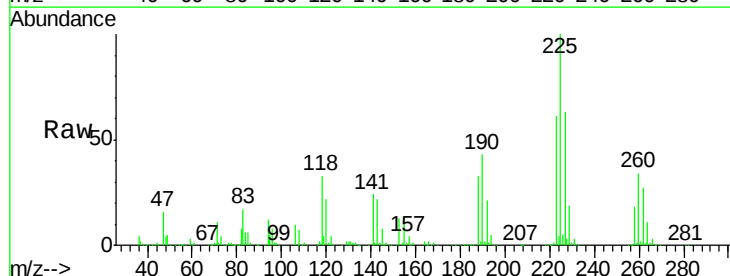
Manual Integrations
 APPROVED

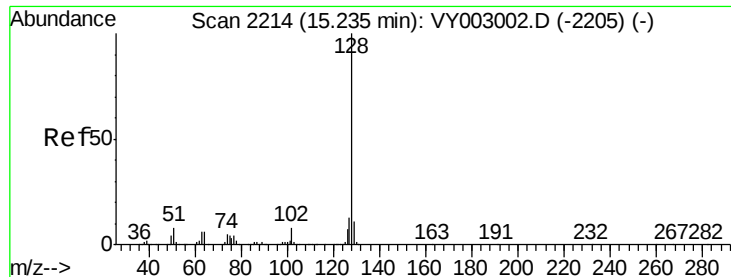
MMDadoda
 7/9/2020 10:48:49 AM



#94
 Hexachlorobutadiene
 Concen: 57.808 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003134.D
 Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.8	32.4	97.0	
227	63.4	32.4	97.2	





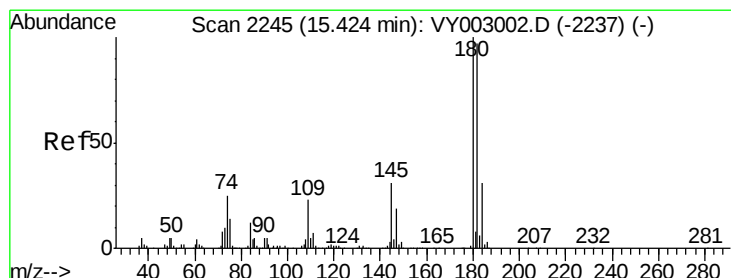
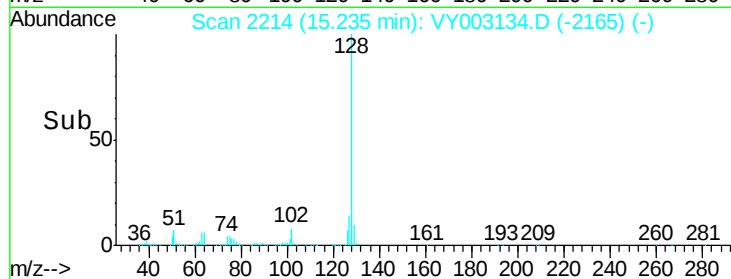
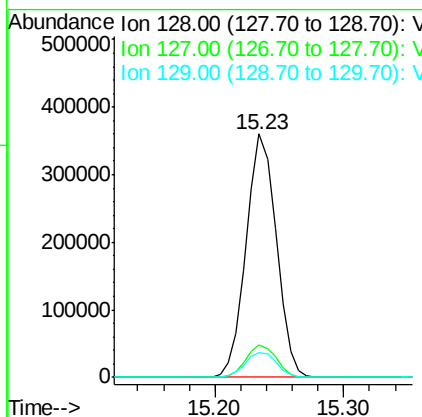
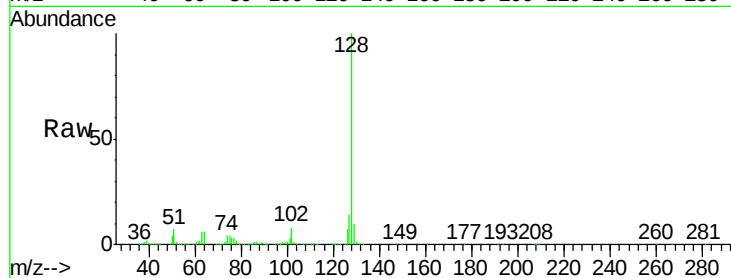
#95
Naphthalene
Concen: 51.487 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.8	16.2
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:48:49 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.451 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003134.D
Acq: 08 Jul 2020 13:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.8	143.3
145	29.3	14.7	44.1

