

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
 Data File : VY003132.D
 Acq On : 07 Jul 2020 17:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 08 03:52:44 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	400393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	574930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	536563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	287118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	187918	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
35) Dibromofluoromethane	7.72	113	187421	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
50) Toluene-d8	10.18	98	674433	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.48	95	237790	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	136794	45.112	ug/l	100
3) Chloromethane	2.12	50	202798	45.671	ug/l	99
4) Vinyl Chloride	2.26	62	207625	47.935	ug/l	97
5) Bromomethane	2.65	94	137058	46.605	ug/l	98
6) Chloroethane	2.80	64	139168	50.508	ug/l	99
7) Trichlorofluoromethane	3.13	101	307969	50.376	ug/l	99
8) Diethyl Ether	3.54	74	106724	50.923	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.91	101	184929	50.662	ug/l	98
10) Methyl Iodide	4.10	142	226765	50.099	ug/l	99
11) Tert butyl alcohol	4.97	59	77223	190.546	ug/l	97
12) 1,1-Dichloroethene	3.88	96	173555	49.971	ug/l	92
13) Acrolein	3.74	56	80019	219.836	ug/l	98
14) Allyl chloride	4.49	41	254251	41.929	ug/l	94
15) Acrylonitrile	5.18	53	251509	232.852	ug/l	100
16) Acetone	3.96	43	168528	179.687	ug/l	100
17) Carbon Disulfide	4.20	76	506753	45.667	ug/l	99
18) Methyl Acetate	4.48	43	114689	45.388	ug/l	92
19) Methyl tert-butyl Ether	5.23	73	520042	51.368	ug/l	97
20) Methylene Chloride	4.72	84	213259	51.109	ug/l	91
21) trans-1,2-Dichloroethene	5.22	96	198979	50.649	ug/l	92
22) Diisopropyl ether	6.13	45	601804	46.304	ug/l	96
23) Vinyl Acetate	6.07	43	2027428	233.325	ug/l	96
24) 1,1-Dichloroethane	6.03	63	342453	48.235	ug/l	99
25) 2-Butanone	7.00	43	313728	210.576	ug/l	98
26) 2,2-Dichloropropane	6.99	77	303079	46.986	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	226811	51.473	ug/l	93
28) Bromochloromethane	7.34	49	151205	47.866	ug/l	85
29) Tetrahydrofuran	7.36	42	220939	223.000	ug/l	92
30) Chloroform	7.52	83	357164	50.781	ug/l	96
31) Cyclohexane	7.79	56	295204	42.207	ug/l	91
32) 1,1,1-Trichloroethane	7.71	97	317809	49.502	ug/l	99
36) 1,1-Dichloropropene	7.93	75	269890	48.735	ug/l	97
37) Ethyl Acetate	7.08	43	161666	48.552	ug/l	97
38) Carbon Tetrachloride	7.91	117	288383	50.050	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	336159	48.958	ug/l	96
40) Benzene	8.16	78	765060	50.461	ug/l	100
41) Methacrylonitrile	7.35	41	208550	117.250	ug/l #	43
42) 1,2-Dichloroethane	8.24	62	239666	49.968	ug/l	99
43) Isopropyl Acetate	8.28	43	306171	48.368	ug/l	96
44) Trichloroethene	8.94	130	241859	54.884	ug/l	97
45) 1,2-Dichloropropane	9.22	63	201989	49.520	ug/l	100
46) Dibromomethane	9.31	93	122574	53.804	ug/l	98
47) Bromodichloromethane	9.50	83	290386	52.055	ug/l	99
48) Methyl methacrylate	9.30	41	135388	46.990	ug/l	91
49) 1,4-Dioxane	9.31	88	24496	880.843	ug/l	86
51) 4-Methyl-2-Pentanone	10.07	43	804053	245.761	ug/l	96
52) Toluene	10.25	92	497797	52.157	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	300520	51.383	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	342512	51.207	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	172938	54.628	ug/l	99
56) Ethyl methacrylate	10.51	69	248886	54.311	ug/l	94
57) 1,3-Dichloropropane	10.79	76	292658	52.660	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	616703	262.396	ug/l	96
59) 2-Hexanone	10.83	43	557954	243.990	ug/l	96
60) Dibromochloromethane	10.99	129	223731	55.224	ug/l	99
61) 1,2-Dibromoethane	11.09	107	175194	56.135	ug/l	99
64) Tetrachloroethene	10.72	164	269102	59.258	ug/l	96
65) Chlorobenzene	11.52	112	556649	52.613	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	222199	53.792	ug/l	99
67) Ethyl Benzene	11.59	91	987285	51.008	ug/l	99
68) m/p-Xylenes	11.70	106	749068	103.983	ug/l	97
69) o-Xylene	12.03	106	355521	52.373	ug/l	96
70) Styrene	12.04	104	615339	53.060	ug/l	98
71) Bromoform	12.20	173	153299	55.657	ug/l #	98
73) Isopropylbenzene	12.33	105	959414	51.058	ug/l	99
74) N-amyl acetate	12.14	43	290871	47.550	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.58	83	188795	49.787	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	268445	94.470	ug/l #	100
77) Bromobenzene	12.61	156	255043	52.936	ug/l	95
78) n-propylbenzene	12.67	91	1147120	50.761	ug/l	99
79) 2-Chlorotoluene	12.75	91	641639	50.867	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	804766	51.038	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	74064	50.710	ug/l	97
82) 4-Chlorotoluene	12.85	91	669660	50.990	ug/l	98
83) tert-Butylbenzene	13.07	119	716371	51.740	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	814619	51.270	ug/l	100
85) sec-Butylbenzene	13.25	105	981351	51.423	ug/l	100
86) p-Isopropyltoluene	13.37	119	907623	51.326	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	468655	52.102	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	467596	52.719	ug/l	99
89) n-Butylbenzene	13.69	91	854058	50.478	ug/l	100
90) Hexachloroethane	13.96	117	169008	48.131	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	428825	53.136	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	32772	48.820	ug/l	88

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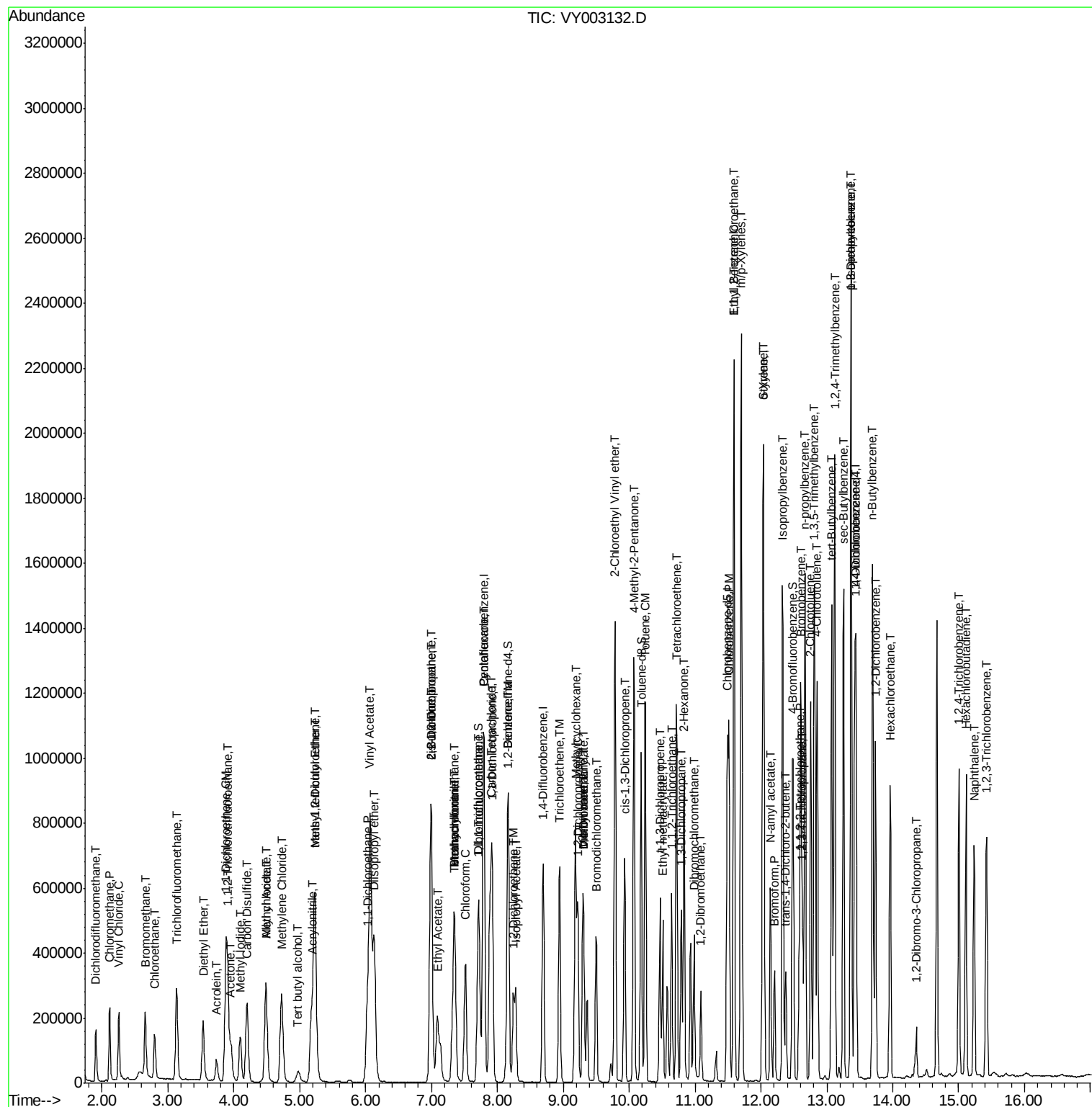
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	304990	50.859	ug/l	100
94) Hexachlorobutadiene	15.11	225	187600	49.596	ug/l	98
95) Naphthalene	15.23	128	574266	52.429	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	261190	50.159	ug/l	100

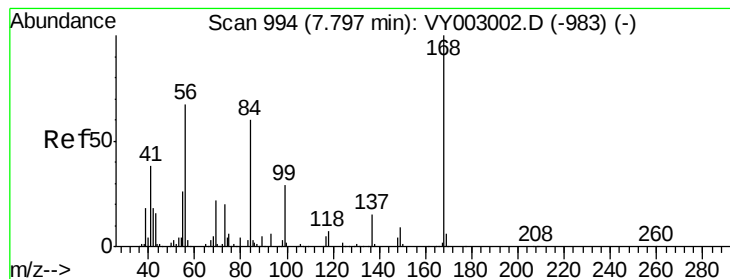
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

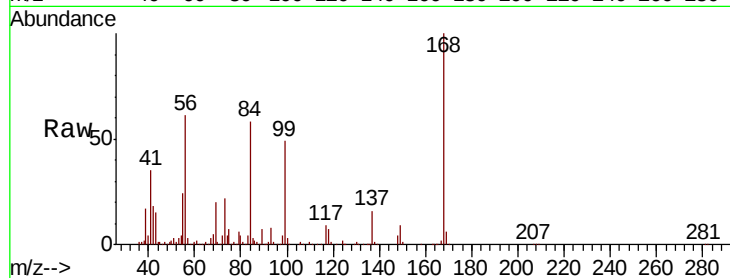
VSTDCCC050EC

Tot Ion:168 Resp: 400393

Ion Ratio Lower Upper

168 100

99 49.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003132.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003132.D (-945) (-)

7.80

200000

150000

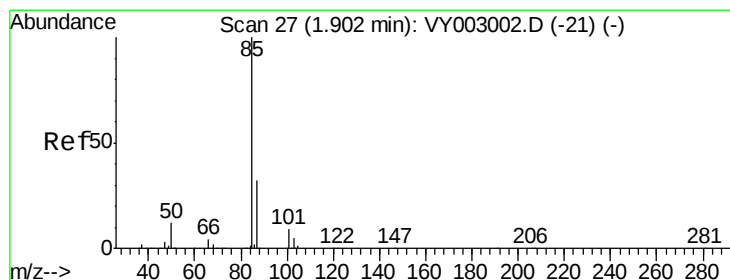
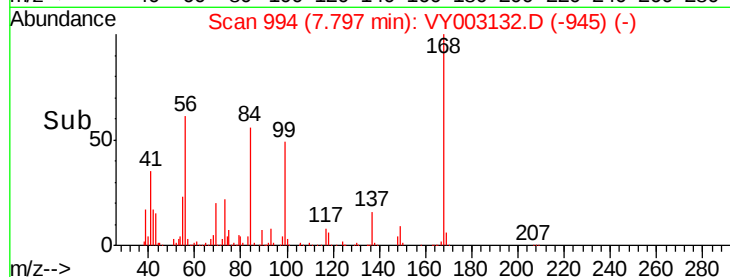
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.112 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003132.D

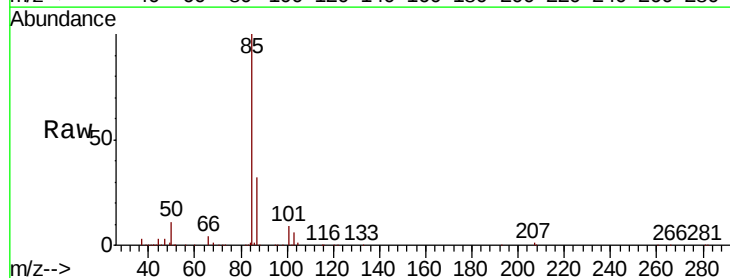
Acq: 07 Jul 2020 17:29

Tgt Ion: 85 Resp: 136794

Ion Ratio Lower Upper

85 100

87 31.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003132.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003132.D (-1) (-)

1.91

100000

80000

60000

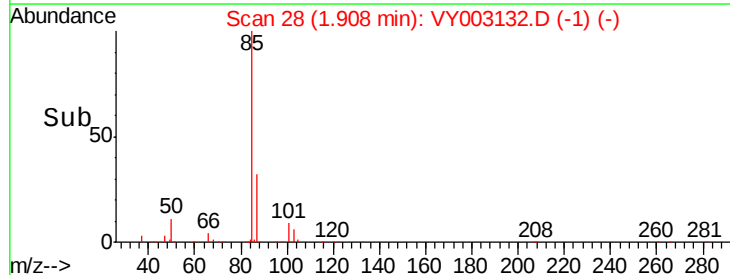
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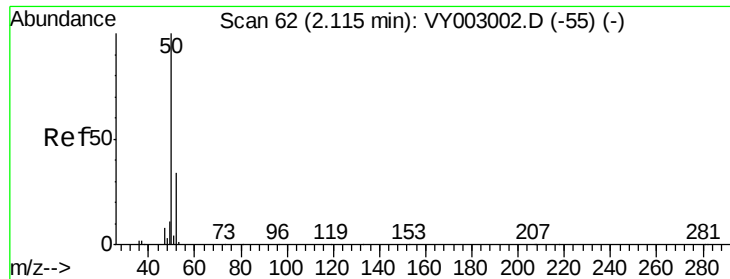
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 45.671 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

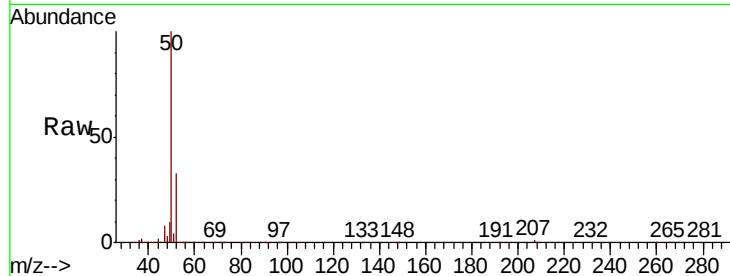
VSTDCCC050EC

Tot Ion: 50 Resp: 202798

Ion Ratio Lower Upper

50 100

52 33.0 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

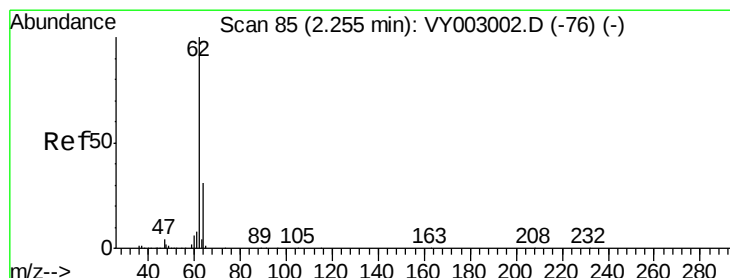
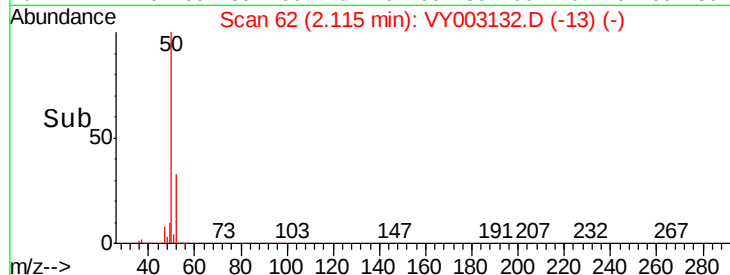
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 47.935 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003132.D

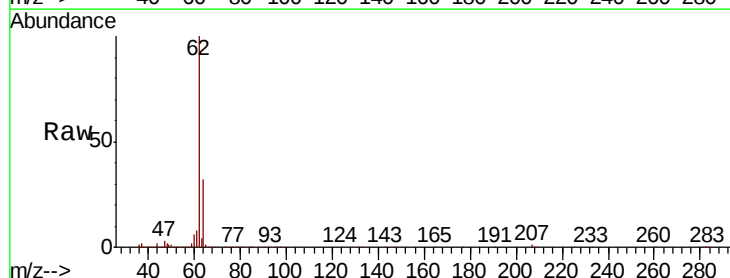
Acq: 07 Jul 2020 17:29

Tgt Ion: 62 Resp: 207625

Ion Ratio Lower Upper

62 100

64 32.1 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

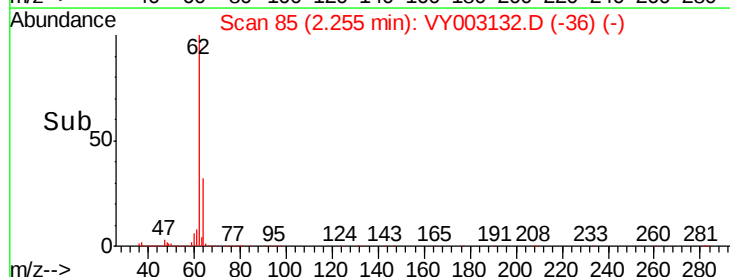
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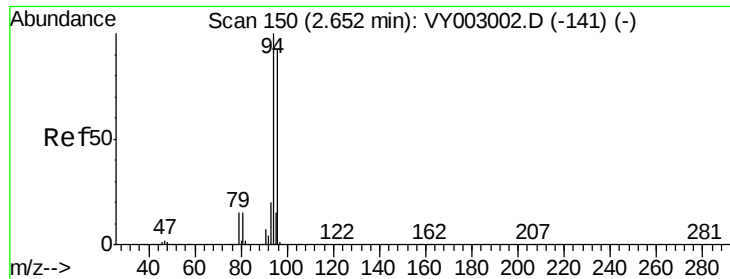
100000

50000

0

Time-->





#5

Bromomethane

Concen: 46.605 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

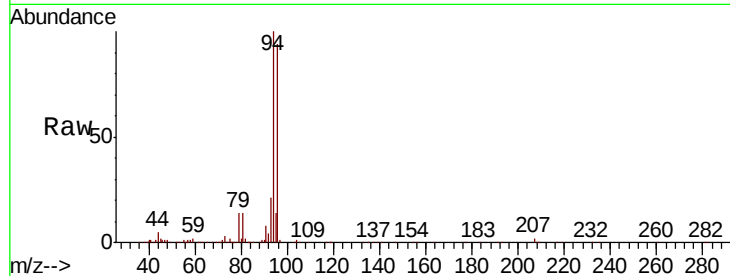
VSTDCCC050EC

Tot Ion: 94 Resp: 137058

Ion Ratio Lower Upper

94 100

96 93.4 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

80000

60000

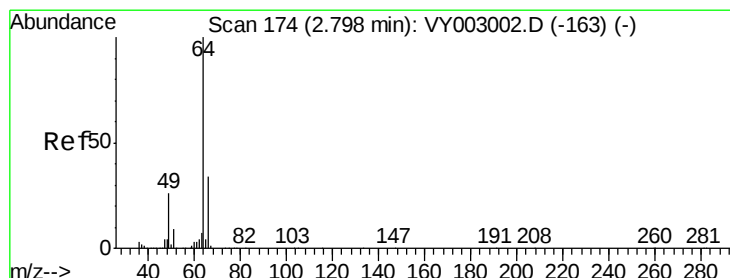
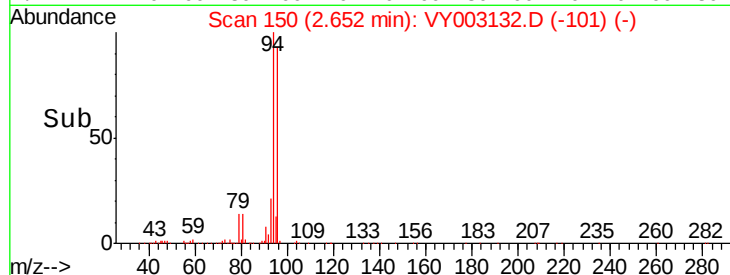
40000

20000

0

Time-->

2.50 2.60 2.70 2.80



#6

Chloroethane

Concen: 50.508 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003132.D

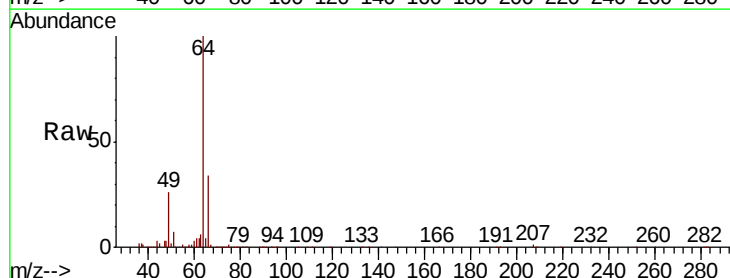
Acq: 07 Jul 2020 17:29

Tgt Ion: 64 Resp: 139168

Ion Ratio Lower Upper

64 100

66 34.2 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

80000

60000

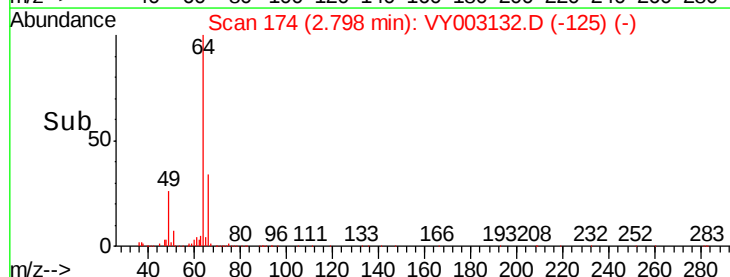
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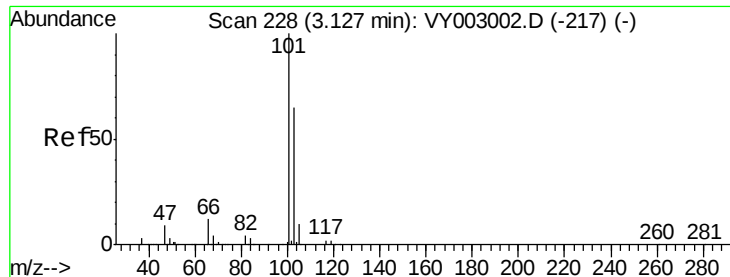
20000

0

Time-->

2.70 2.80 2.90 3.00



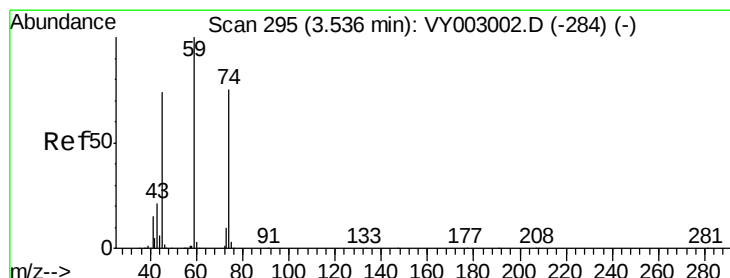
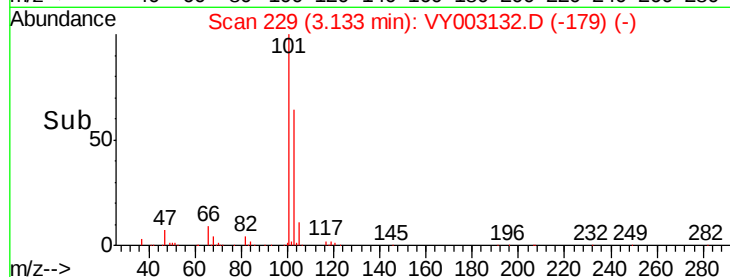
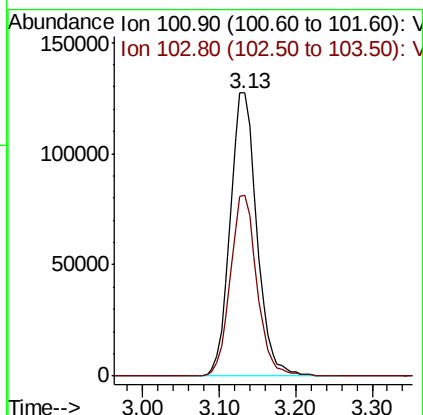
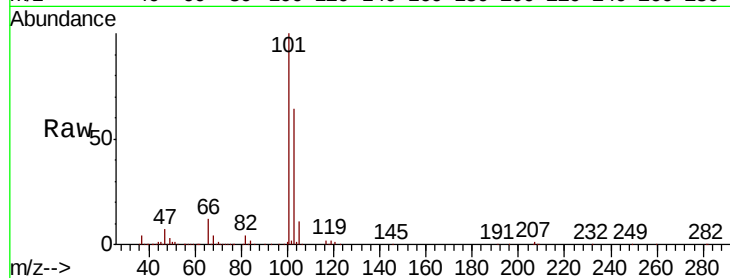


#7

Trichlorofluoromethane
Concen: 50.376 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003132.D
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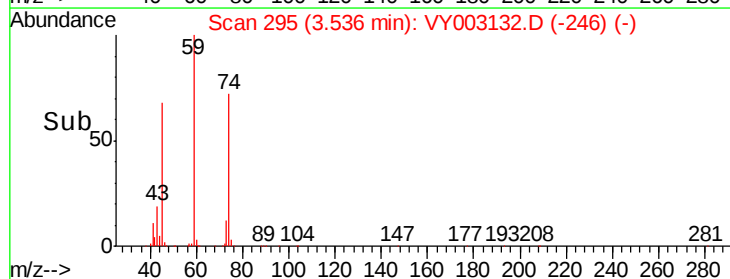
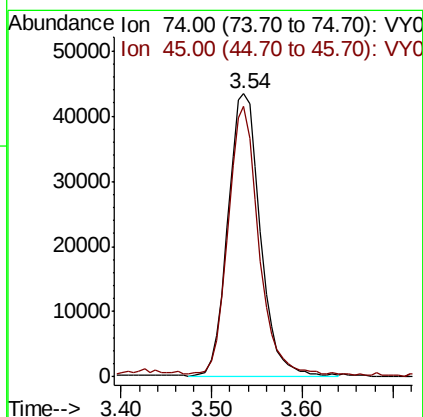
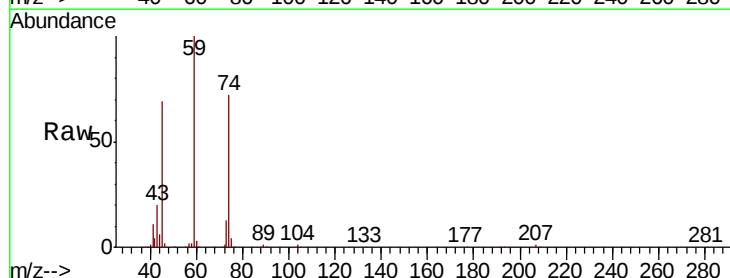
Tot Ion:101 Resp: 307969
Ion Ratio Lower Upper
101 100
103 63.9 51.6 77.4

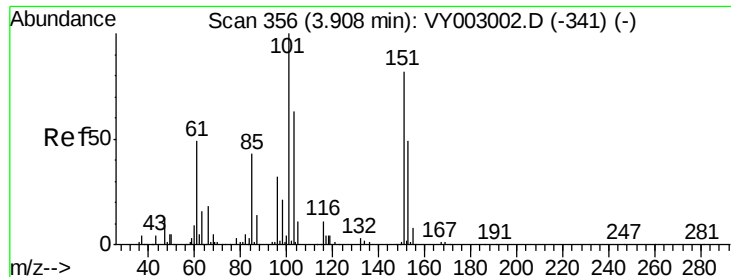


#8

Diethyl Ether
Concen: 50.923 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion: 74 Resp: 106724
Ion Ratio Lower Upper
74 100
45 90.3 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.662 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

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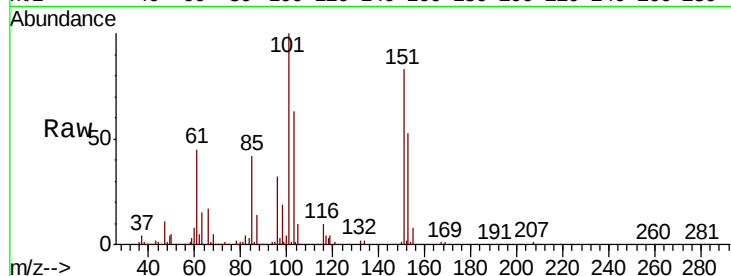
Tot Ion:101 Resp: 184929

Ion Ratio Lower Upper

101 100

85 43.7 35.5 53.3

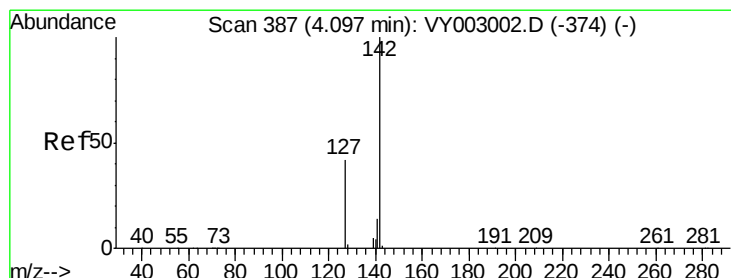
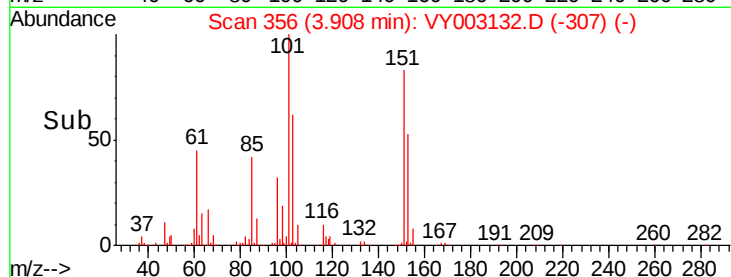
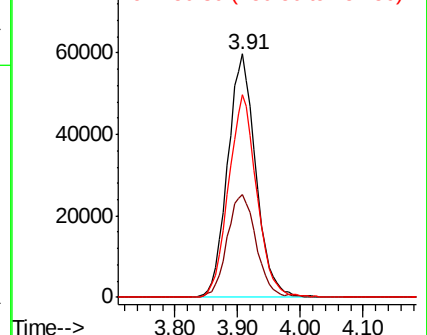
151 83.6 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.099 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

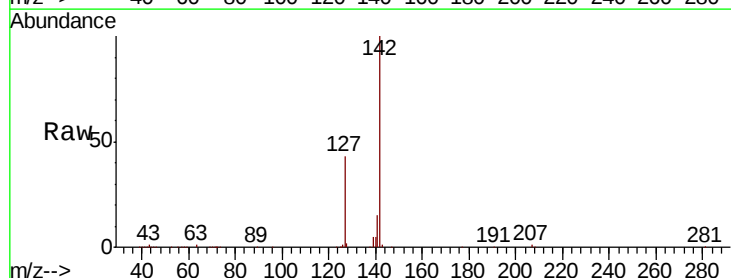
Tgt Ion:142 Resp: 226765

Ion Ratio Lower Upper

142 100

127 42.3 34.2 51.2

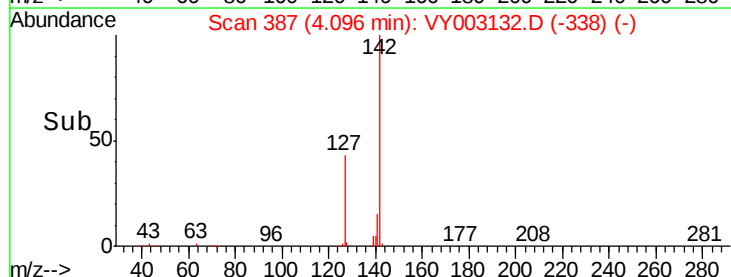
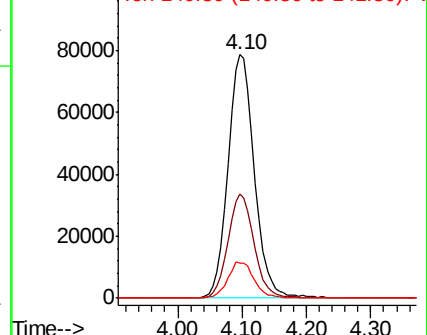
141 14.8 11.7 17.5

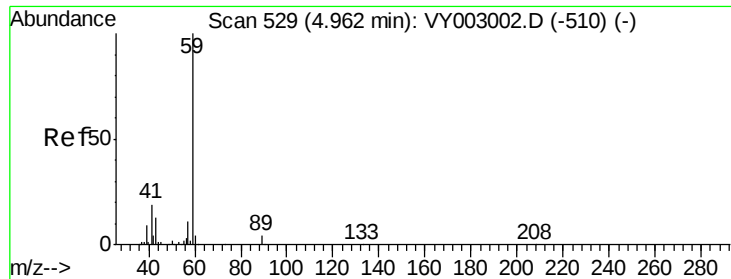


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

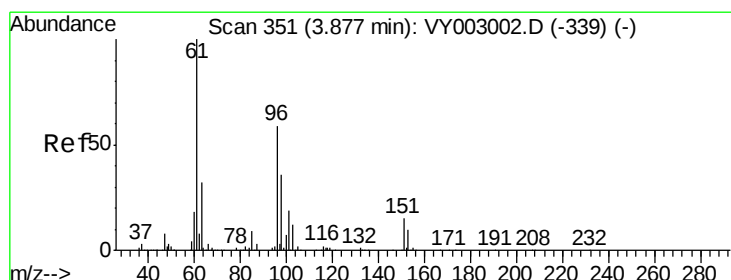
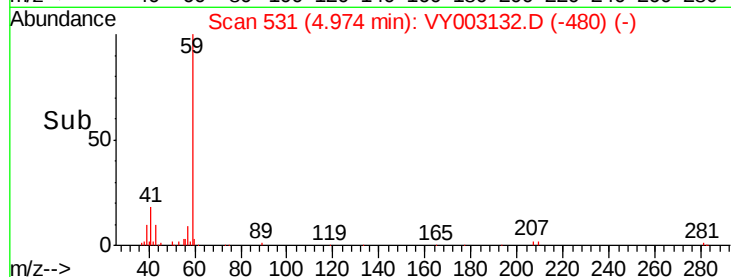
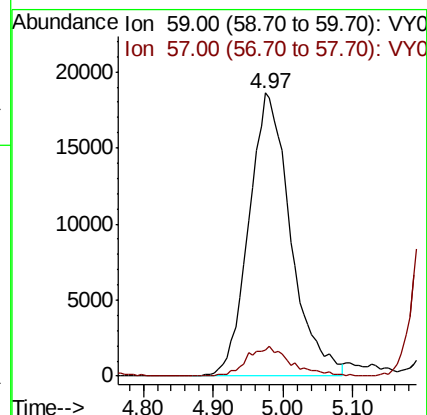
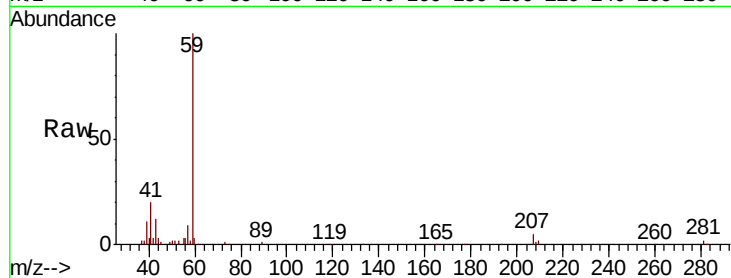




#11
Tert butyl alcohol
Concen: 190.546 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

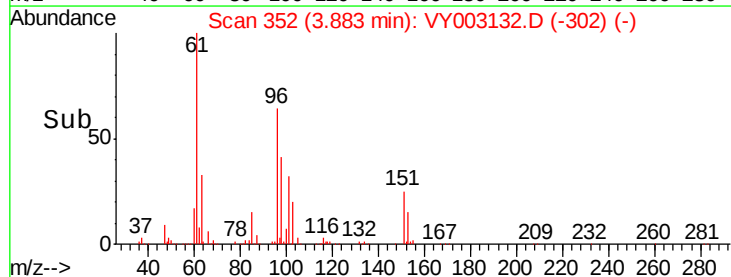
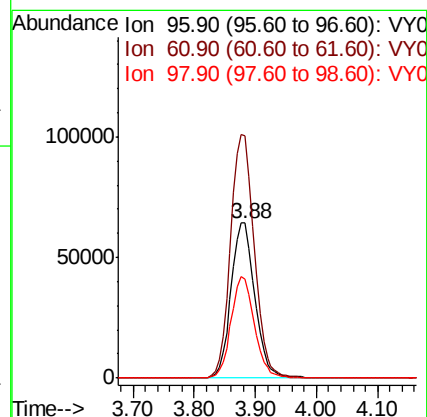
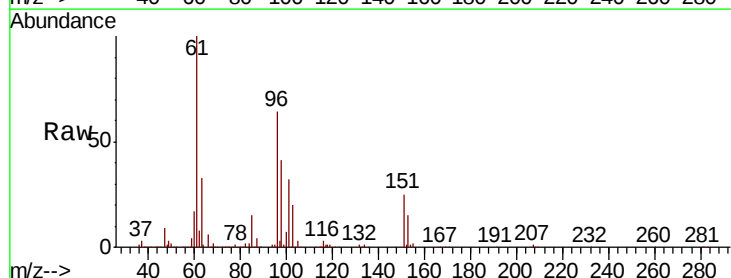
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

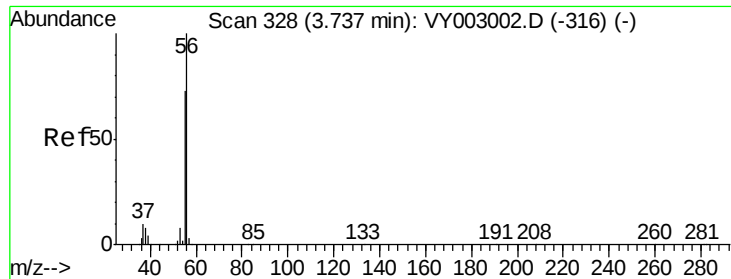
Tot Ion: 59 Resp: 77223
Ion Ratio Lower Upper
59 100
57 11.1 8.0 12.0



#12
1,1-Dichloroethene
Concen: 49.971 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion: 96 Resp: 173555
Ion Ratio Lower Upper
96 100
61 156.2 136.7 205.1
98 63.6 49.7 74.5





#13

Acrolein

Concen: 219.836 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

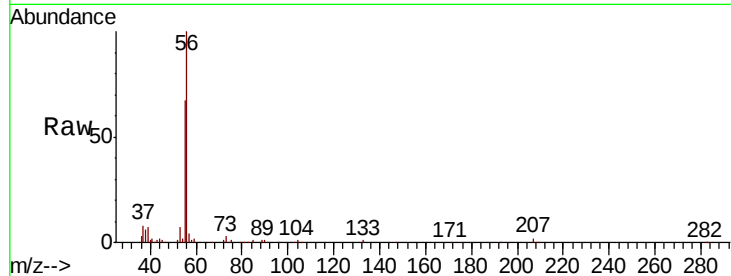
VSTDCCC050EC

Tot Ion: 56 Resp: 80019

Ion Ratio Lower Upper

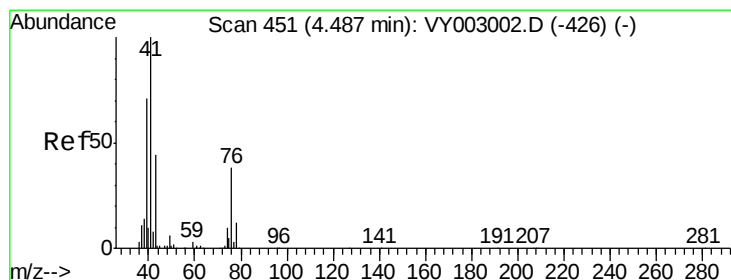
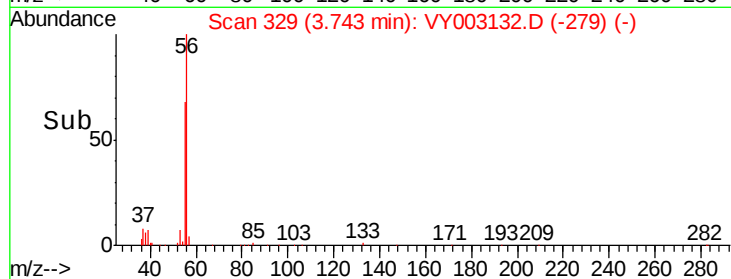
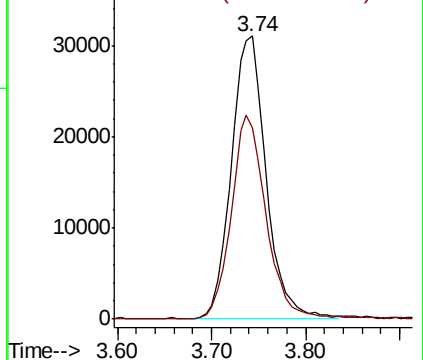
56 100

55 72.1 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 41.929 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

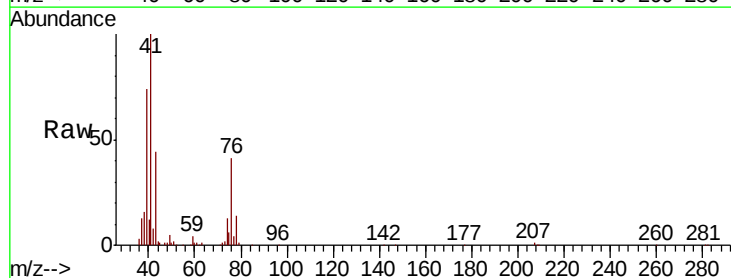
Tgt Ion: 41 Resp: 254251

Ion Ratio Lower Upper

41 100

39 73.0 55.6 83.4

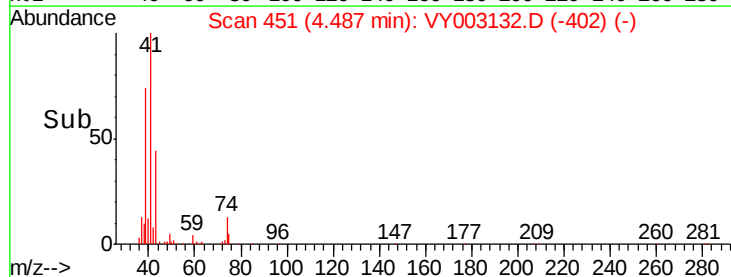
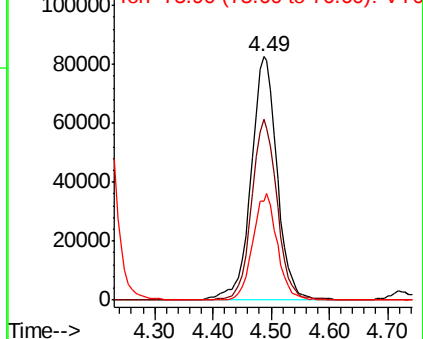
76 41.3 28.6 43.0

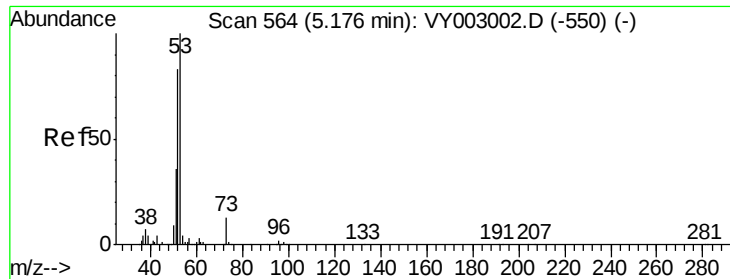


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 232.852 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

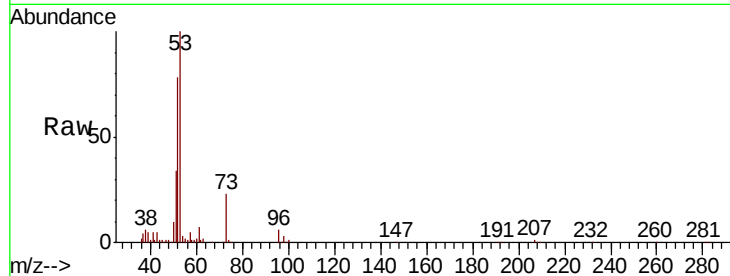
Tot Ion: 53 Resp: 251509

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.2

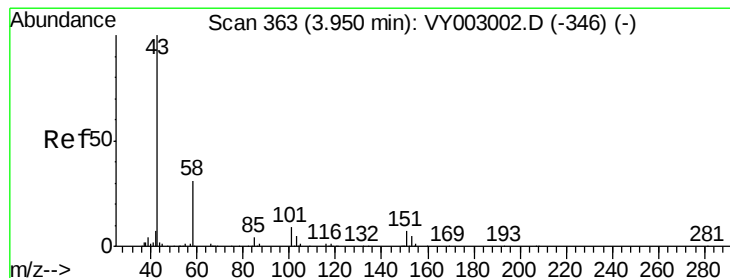
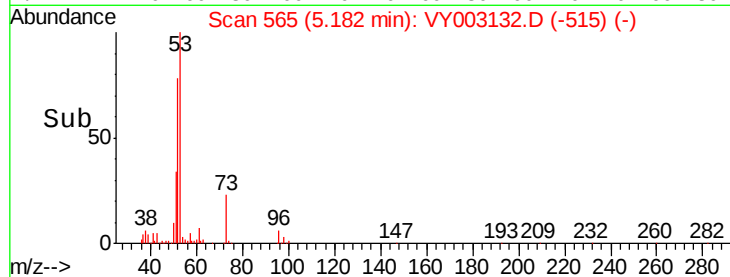
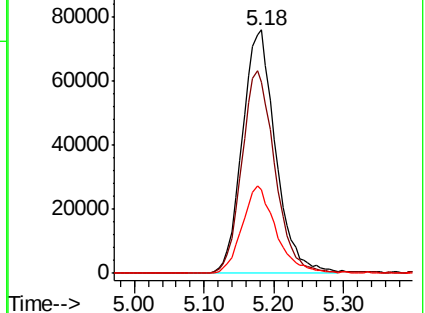
51 36.7 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 179.687 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003132.D

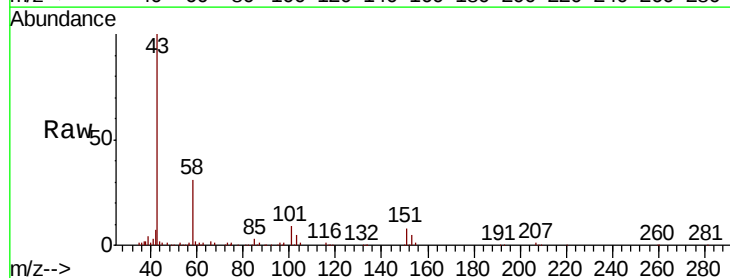
Acq: 07 Jul 2020 17:29

Tgt Ion: 43 Resp: 168528

Ion Ratio Lower Upper

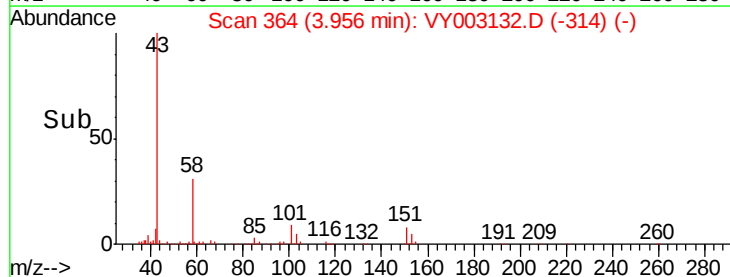
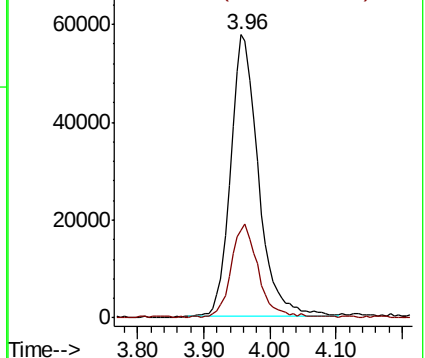
43 100

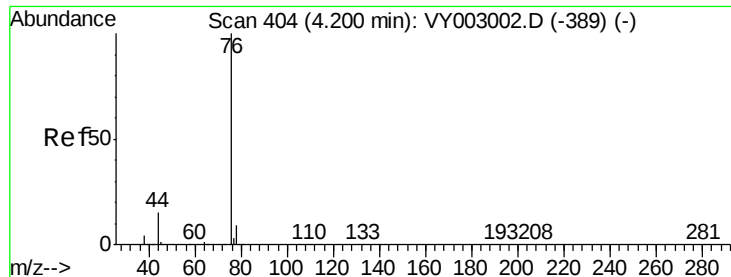
58 30.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 45.667 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

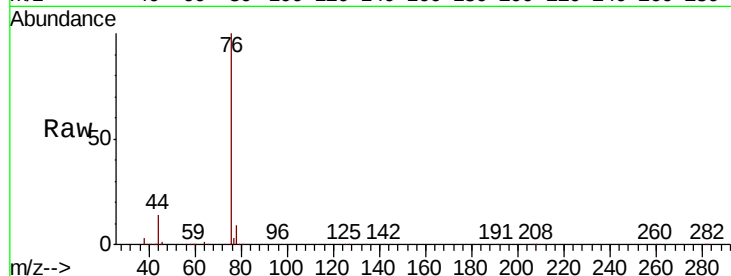
VSTDCCC050EC

Tot Ion: 76 Resp: 506753

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

200000

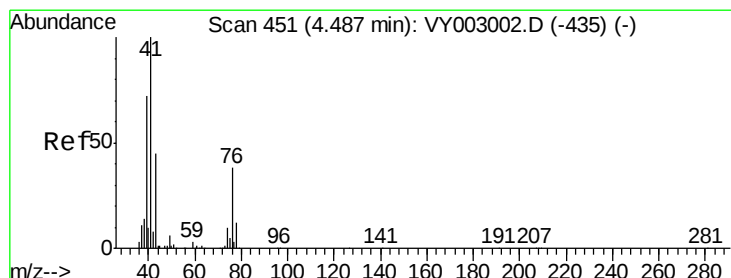
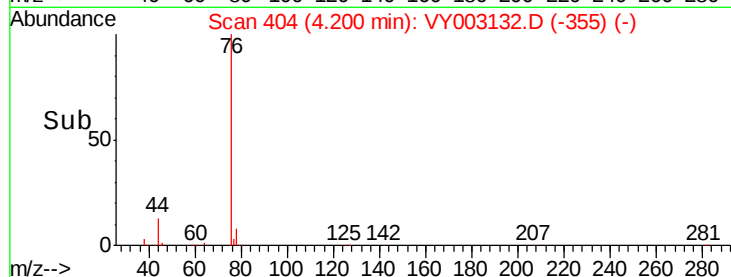
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 45.388 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003132.D

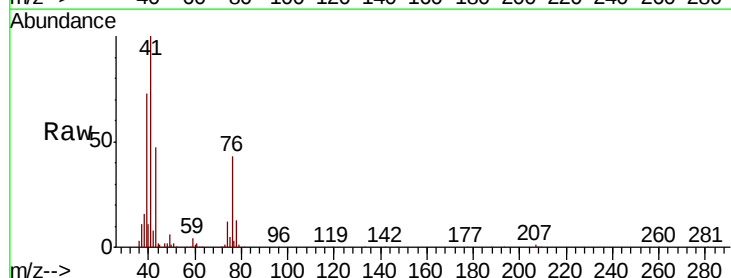
Acq: 07 Jul 2020 17:29

Tgt Ion: 43 Resp: 114689

Ion Ratio Lower Upper

43 100

74 26.4 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.48

40000

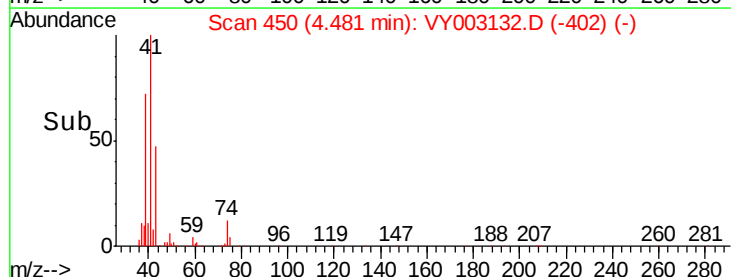
30000

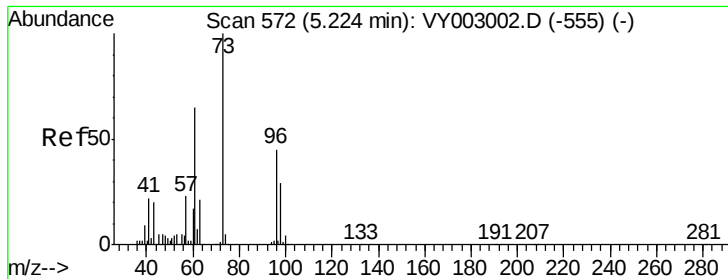
20000

10000

0

Time-->

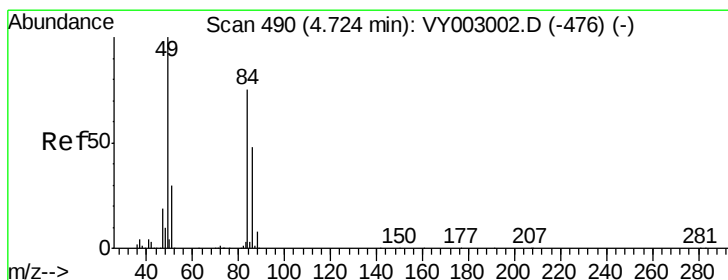
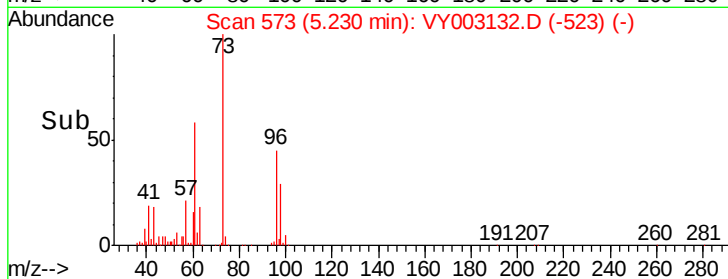
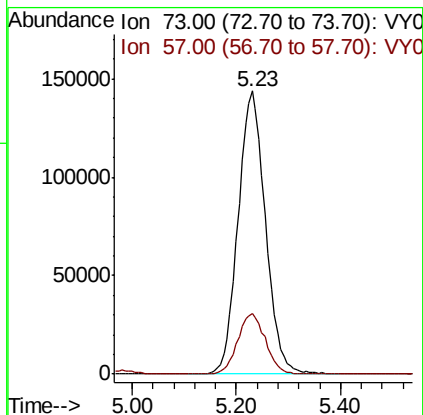
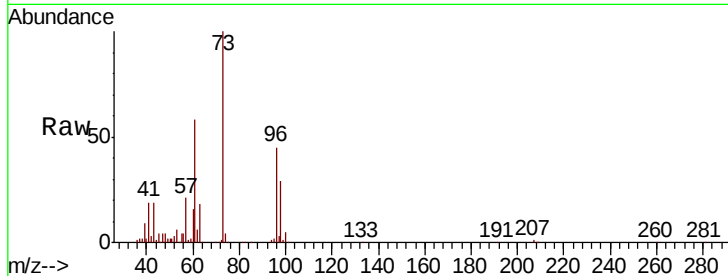




#19
Methvl tert-butvl Ether
Concen: 51.368 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

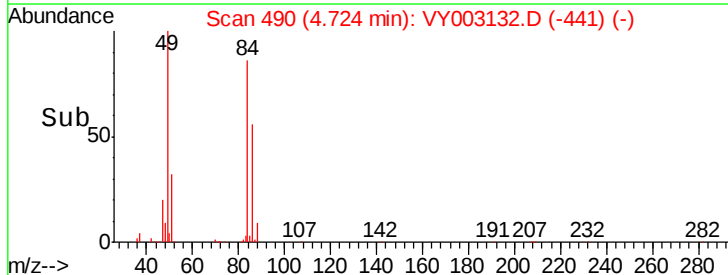
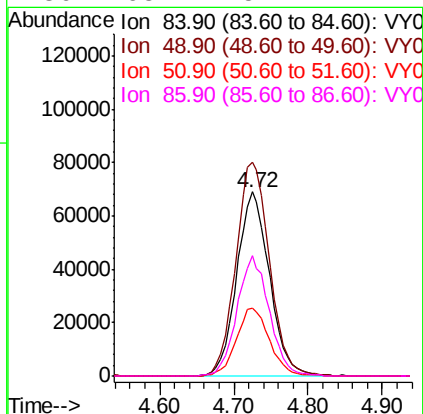
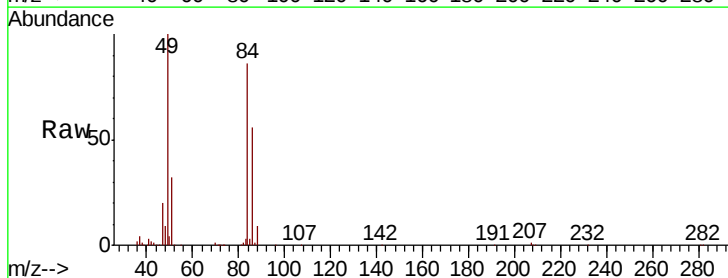
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

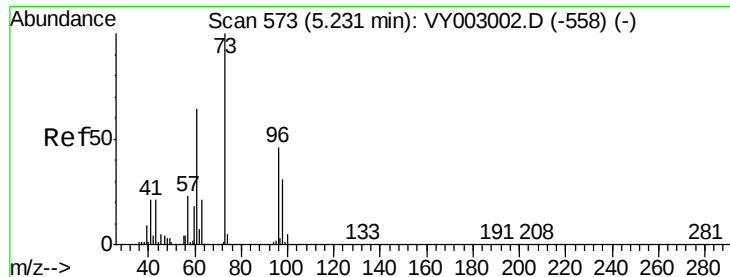
Tot Ion: 73 Resp: 520042
Ion Ratio Lower Upper
73 100
57 21.2 18.2 27.2



#20
Methylene Chloride
Concen: 51.109 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion: 84 Resp: 213259
Ion Ratio Lower Upper
84 100
49 116.2 106.8 160.2
51 36.7 32.0 48.0
86 65.4 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 50.649 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

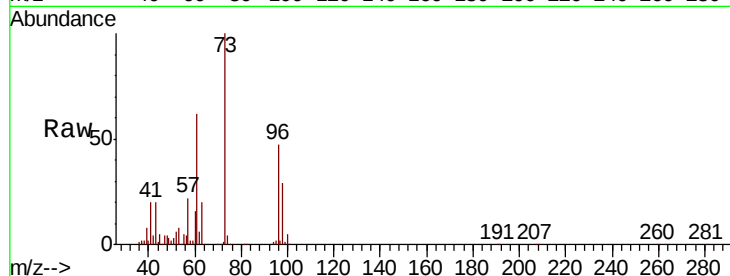
Tot Ion: 96 Resp: 198979

Ion Ratio Lower Upper

96 100

61 131.1 112.3 168.5

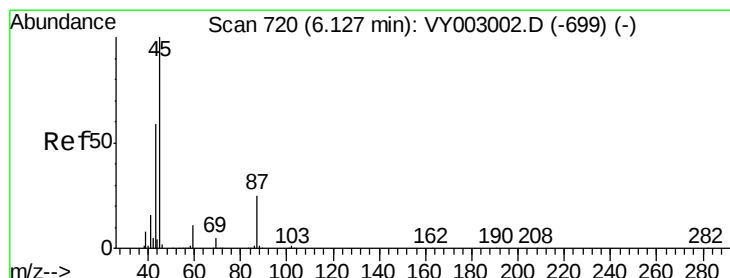
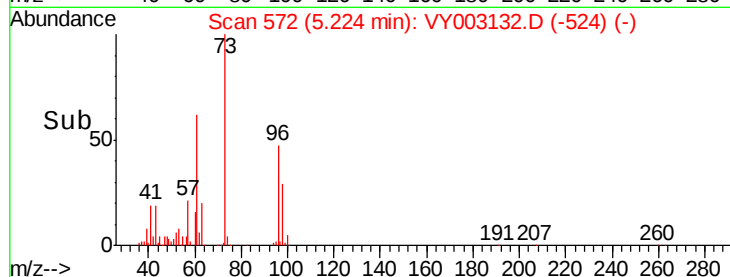
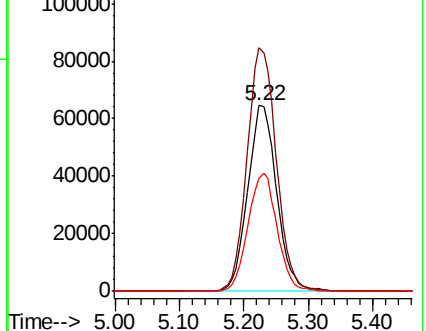
98 61.2 53.8 80.8



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 46.304 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Tgt Ion: 45 Resp: 601804

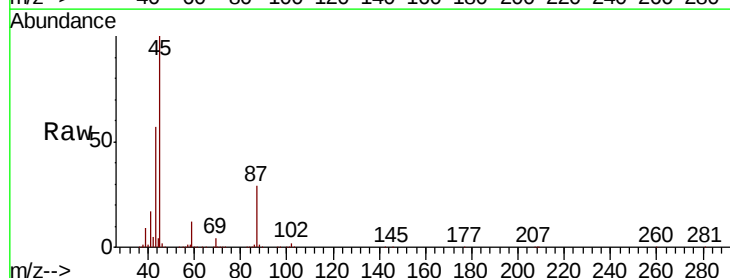
Ion Ratio Lower Upper

45 100

43 56.8 47.4 71.2

87 28.6 20.2 30.2

59 11.8 9.2 13.8

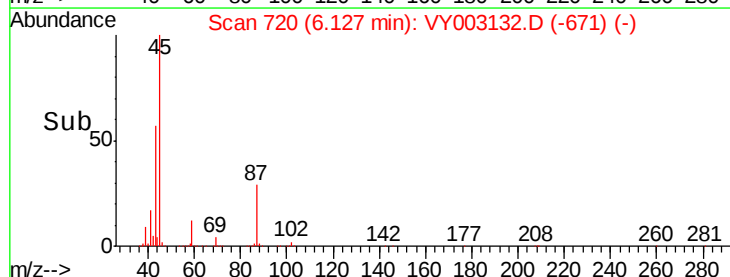
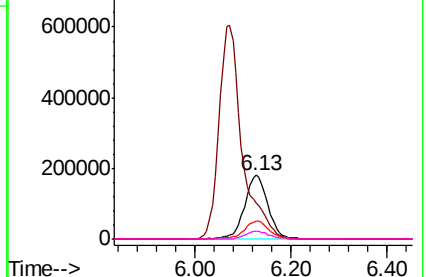


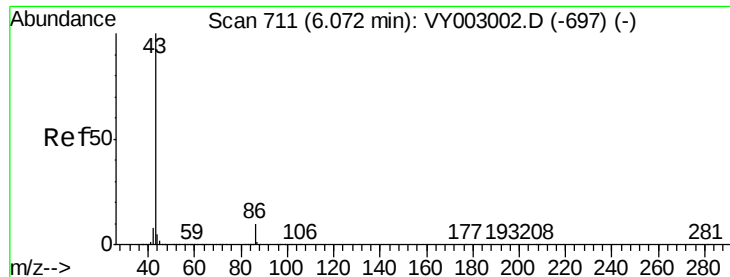
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 233.325 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

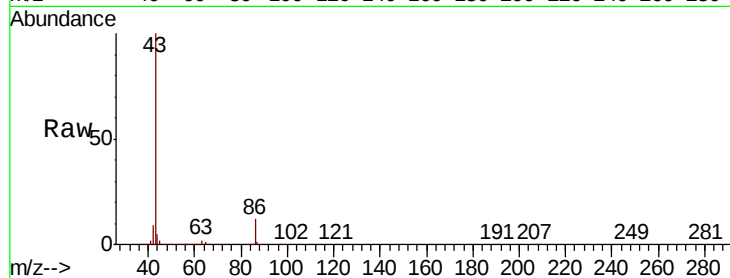
VSTDCCC050EC

Tot Ion: 43 Resp: 2027428

Ion Ratio Lower Upper

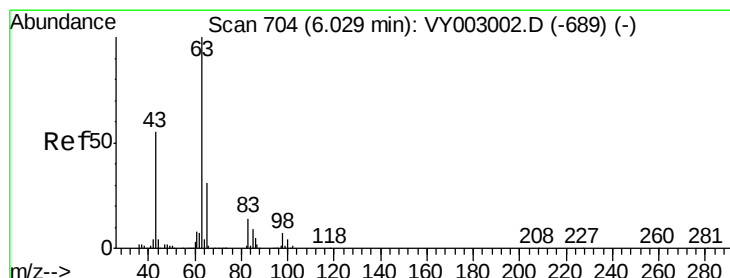
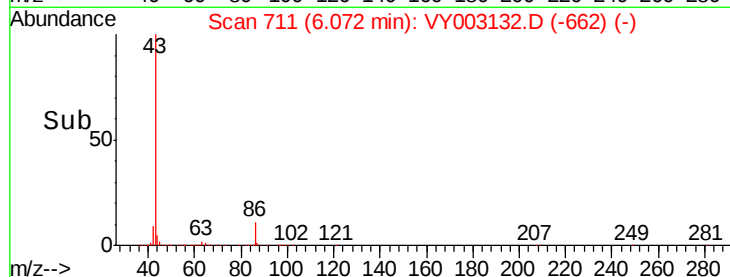
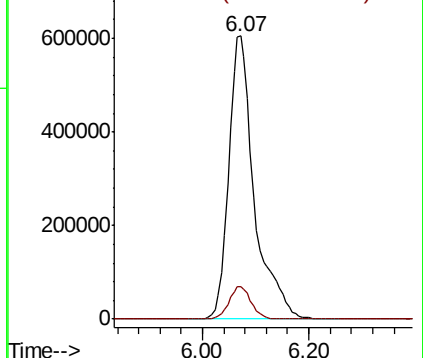
43 100

86 11.5 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 48.235 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

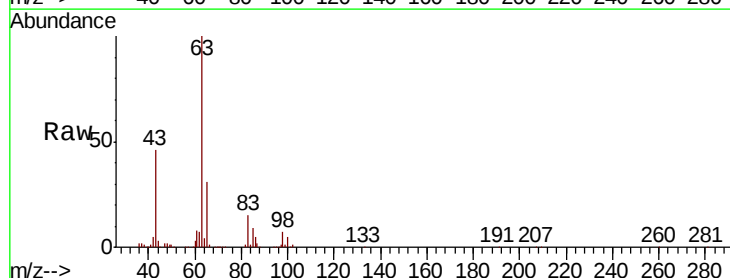
Tgt Ion: 63 Resp: 342453

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

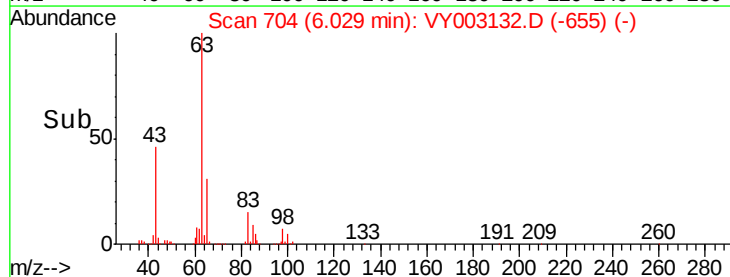
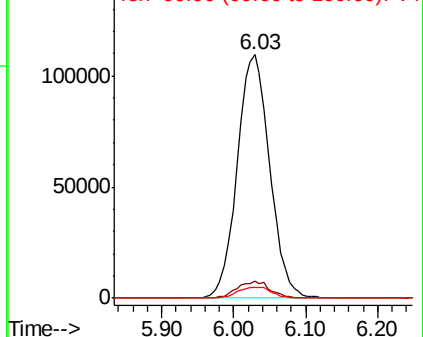
100 4.5 2.3 6.8

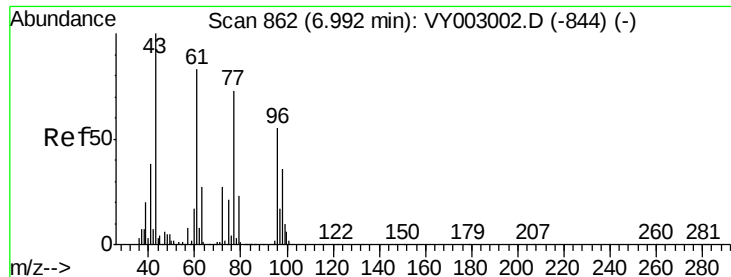


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 210.576 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

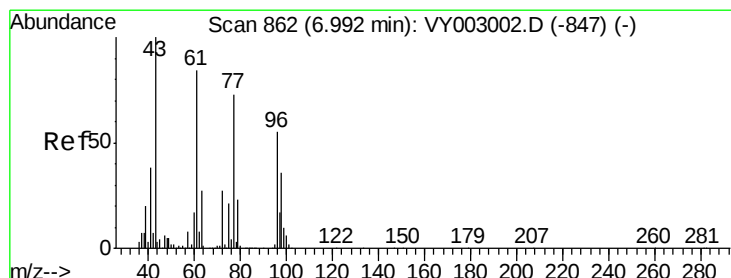
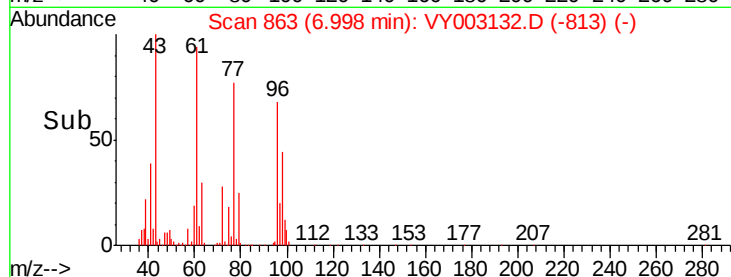
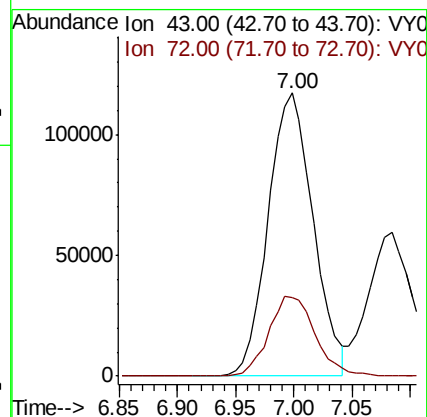
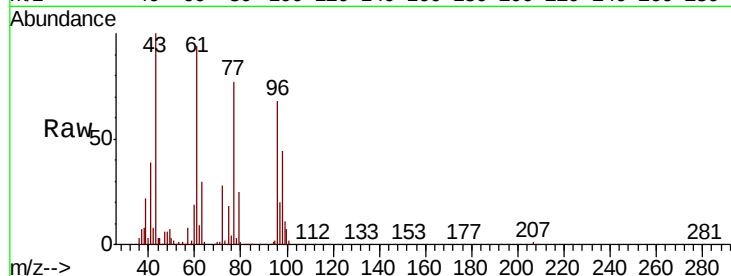
VSTDCCC050EC

Tot Ion: 43 Resp: 313728

Ion Ratio Lower Upper

43 100

72 27.6 21.4 32.0



#26

2,2-Dichloropropane

Concen: 46.986 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003132.D

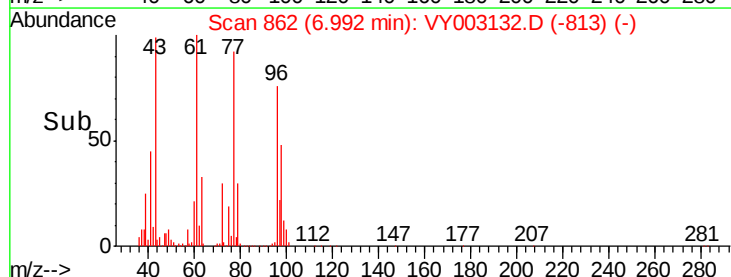
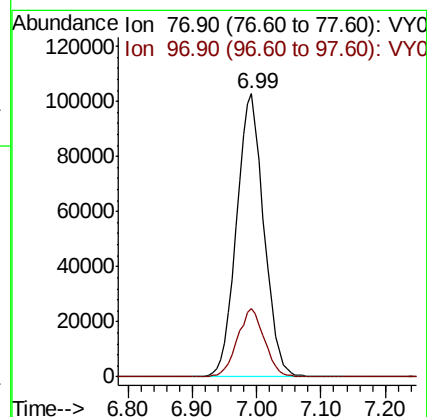
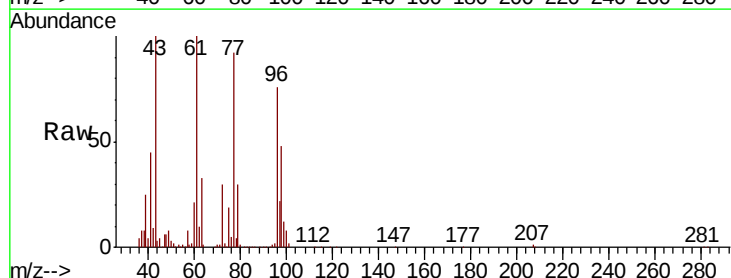
Acq: 07 Jul 2020 17:29

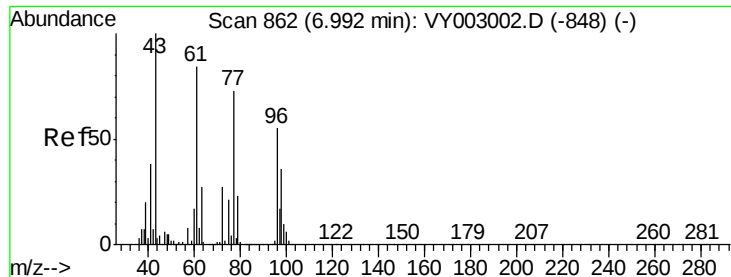
Tgt Ion: 77 Resp: 303079

Ion Ratio Lower Upper

77 100

97 23.8 11.3 33.9



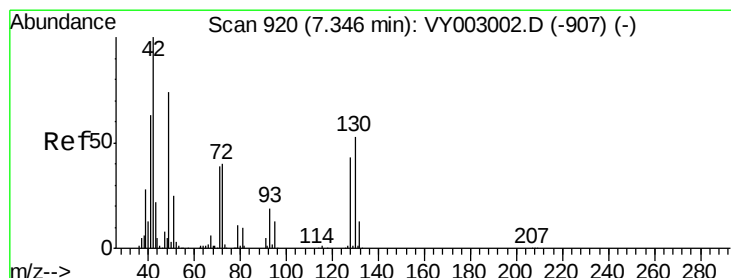
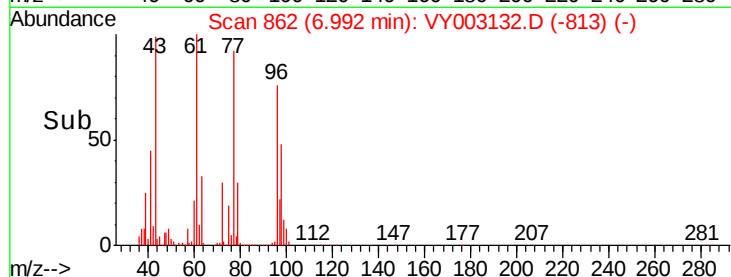
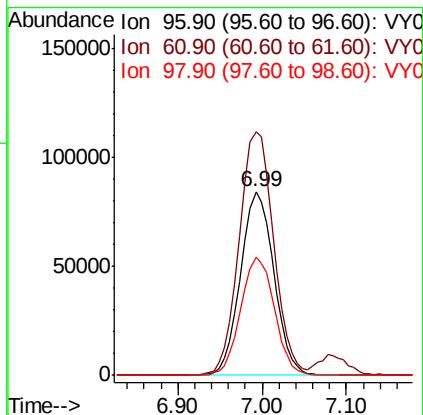
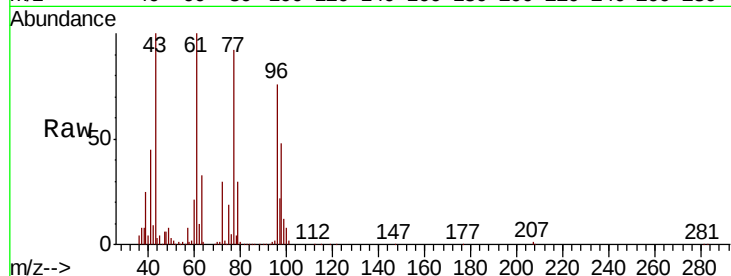


#27

cis-1,2-Dichloroethene
 Concen: 51.473 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

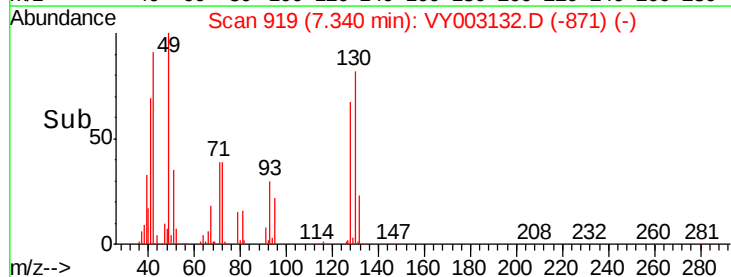
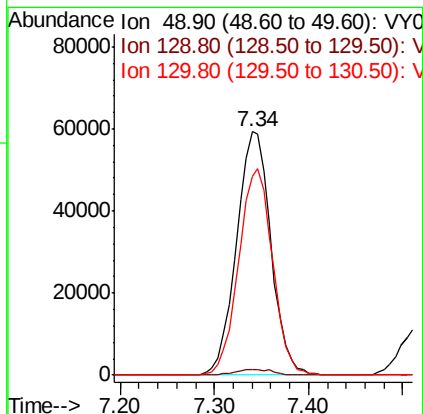
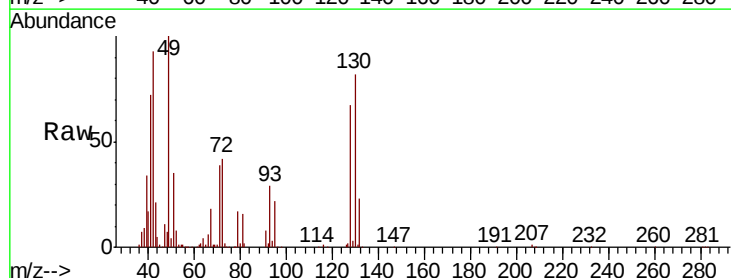
Tot Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	301.2
98	64.9	0.0	129.0

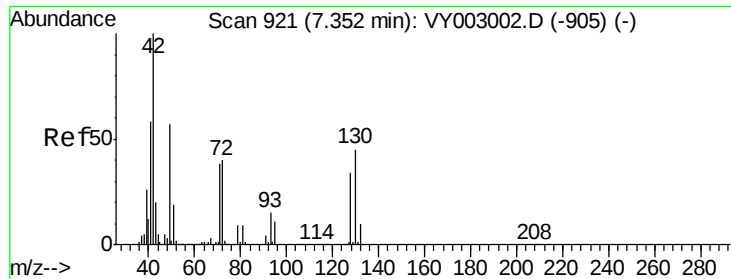


#28

Bromochloromethane
 Concen: 47.866 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	83.8	57.0	85.6





#29

Tetrahydrofuran

Concen: 223.000 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

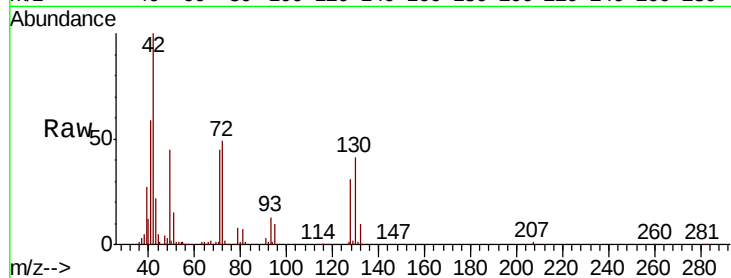
Tot Ion: 42 Resp: 220939

Ion Ratio Lower Upper

42 100

72 46.4 32.9 49.3

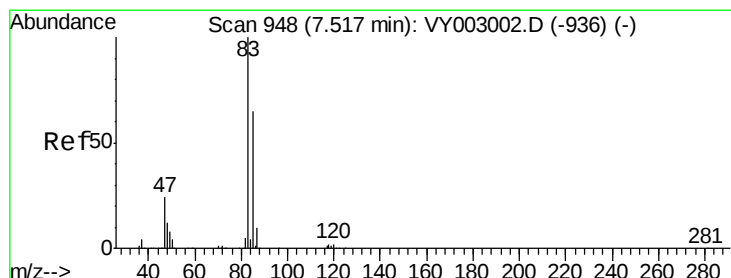
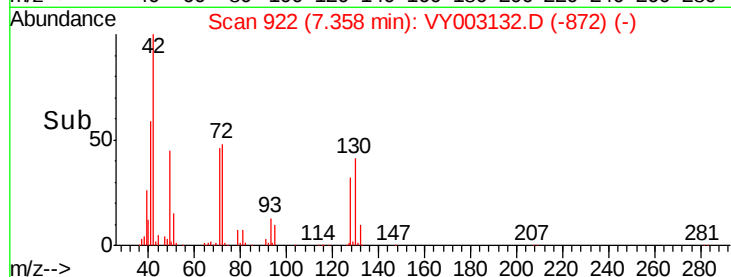
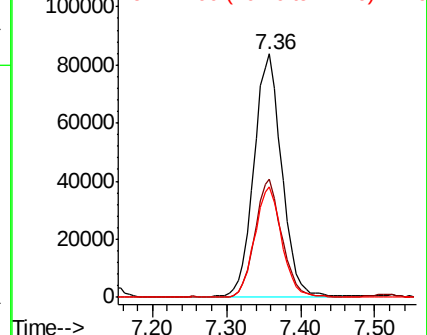
71 44.2 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 50.781 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY003132.D

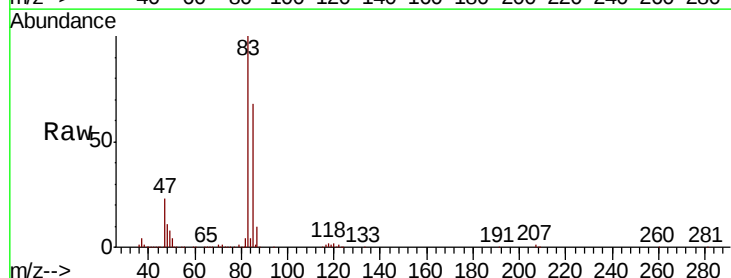
Acq: 07 Jul 2020 17:29

Tgt Ion: 83 Resp: 357164

Ion Ratio Lower Upper

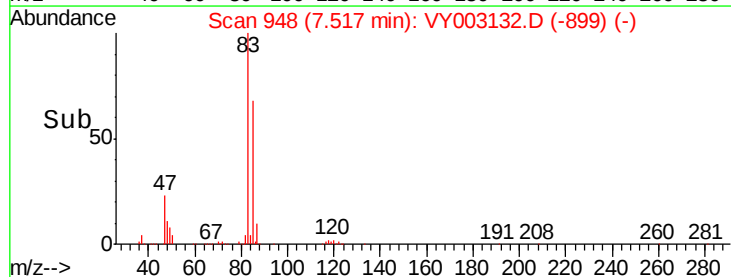
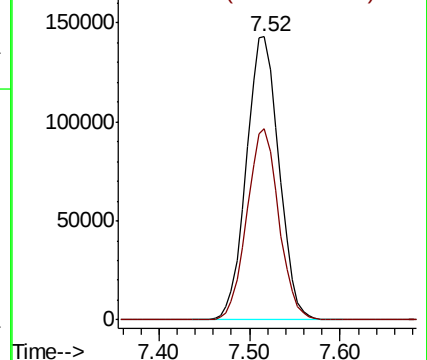
83 100

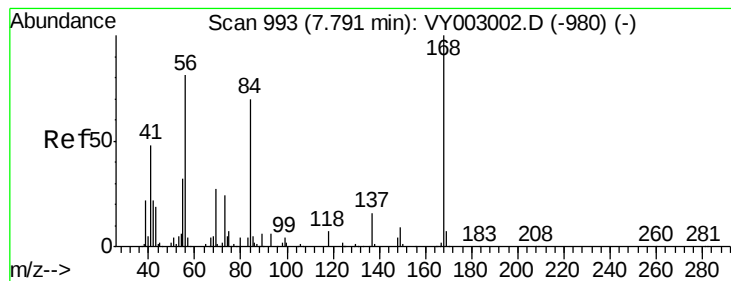
85 67.8 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 42.207 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

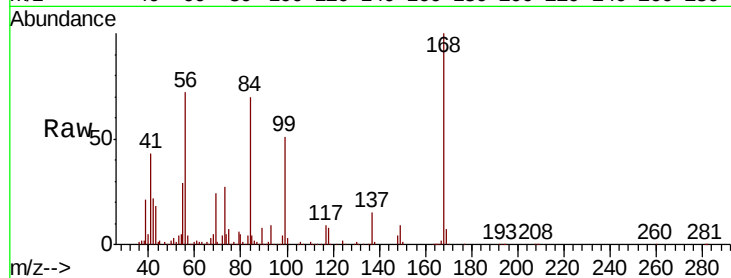
Tot Ion: 56 Resp: 295204

Ion Ratio Lower Upper

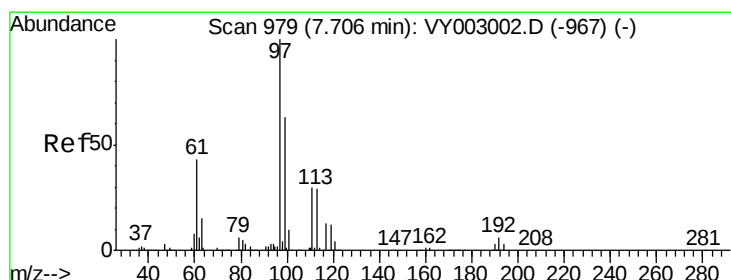
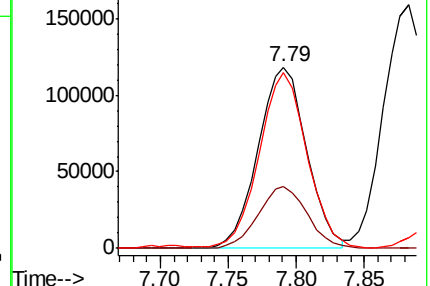
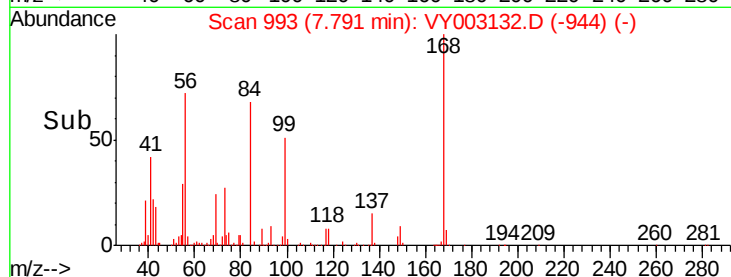
56 100

69 34.1 27.0 40.4

84 95.9 68.1 102.1



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 49.502 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

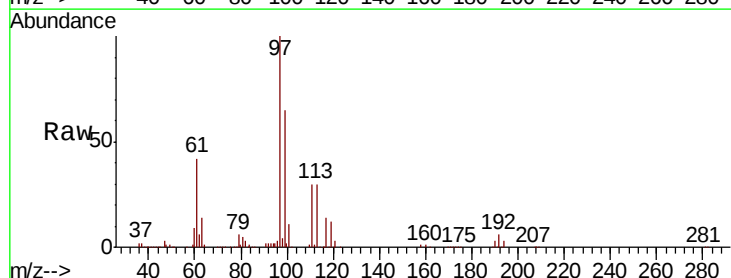
Tgt Ion: 97 Resp: 317809

Ion Ratio Lower Upper

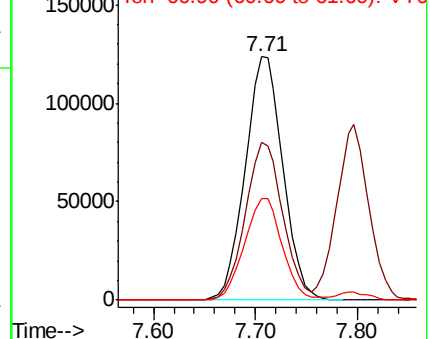
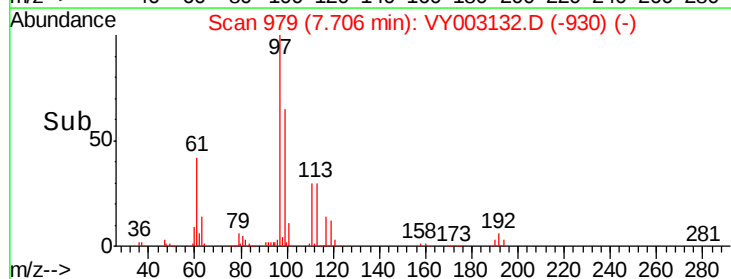
97 100

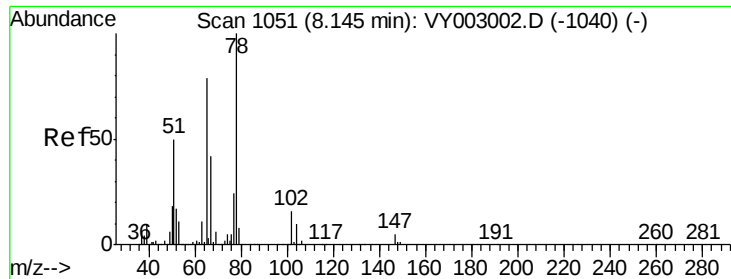
99 64.5 51.4 77.2

61 41.7 33.9 50.9



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

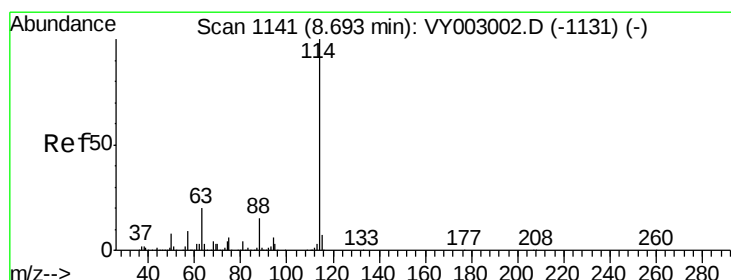
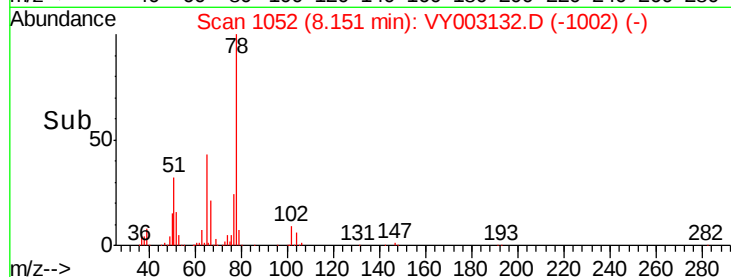
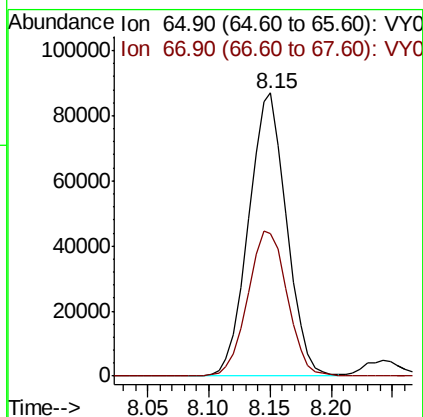
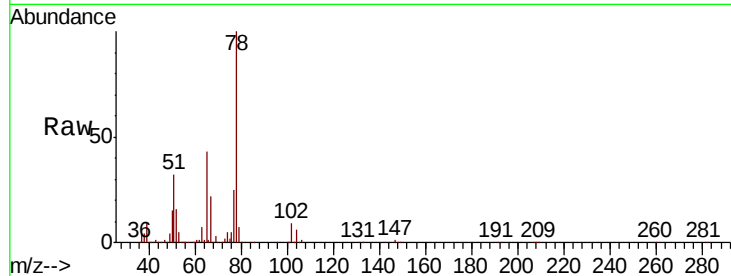




#33
 1,2-Dichloroethane-d4
 Concen: 47.255 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

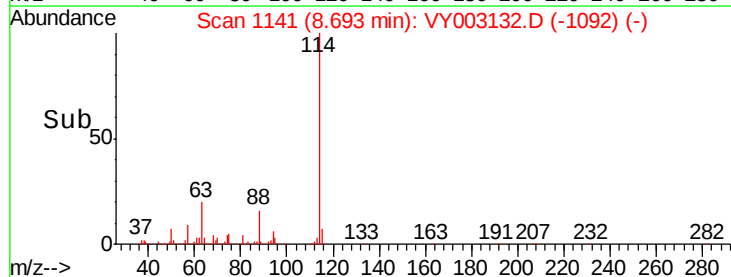
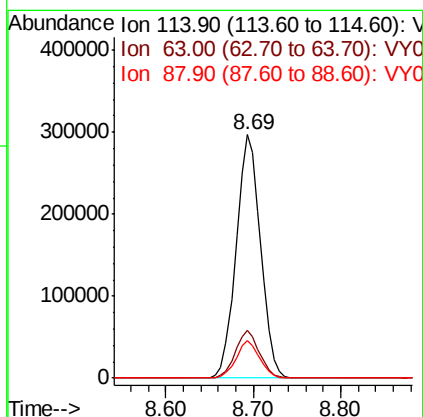
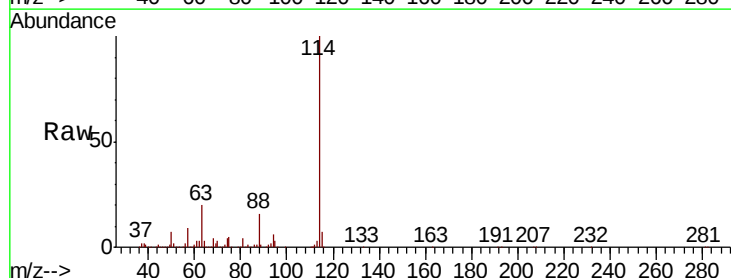
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

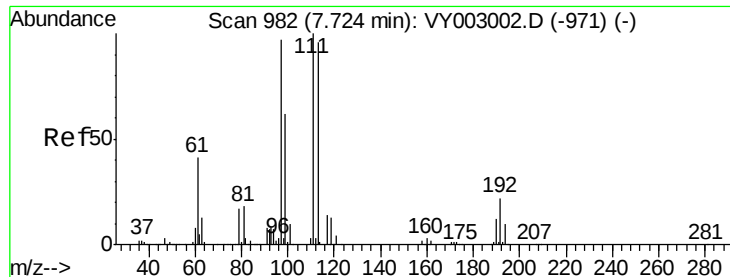
Tot Ion: 65 Resp: 187918
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Tgt Ion: 114 Resp: 574930
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.6
 88 15.6 0.0 30.0

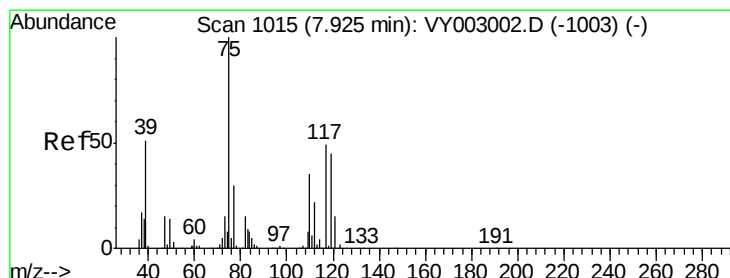
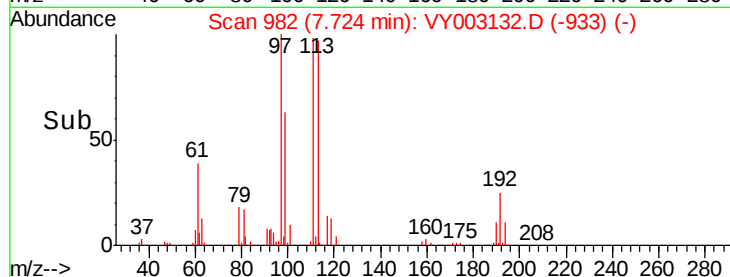
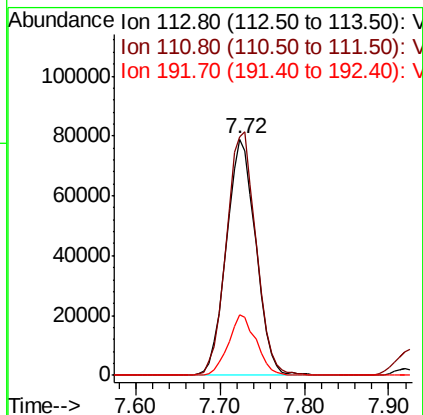
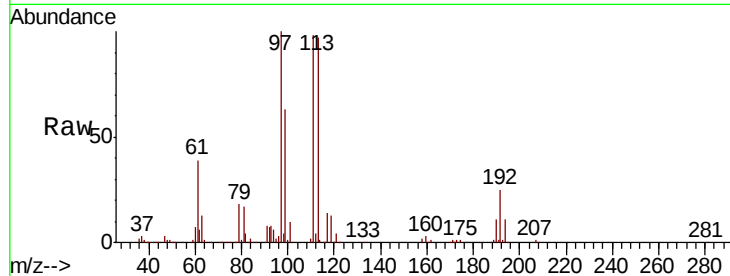




#35
 Dibromofluoromethane
 Concen: 52.257 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

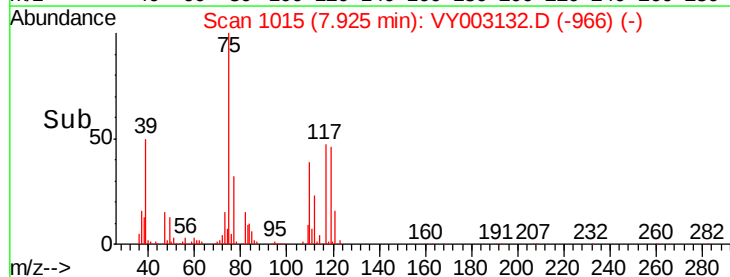
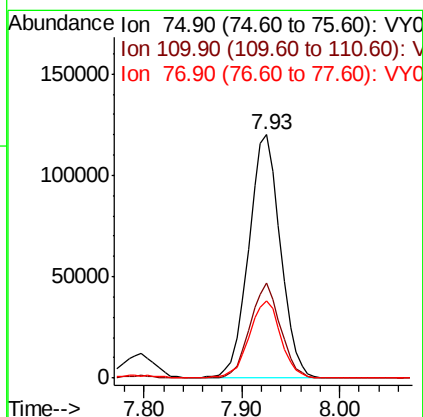
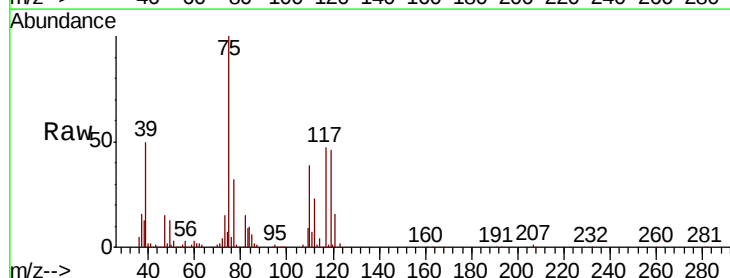
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

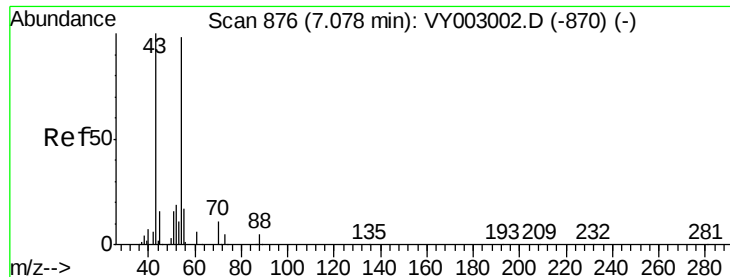
Tot Ion:113 Resp: 187421
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.6 123.8
 192 24.2 18.1 27.1



#36
 1,1-Dichloropropene
 Concen: 48.735 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Tgt Ion: 75 Resp: 269890
 Ion Ratio Lower Upper
 75 100
 110 37.4 17.1 51.2
 77 31.5 24.9 37.3

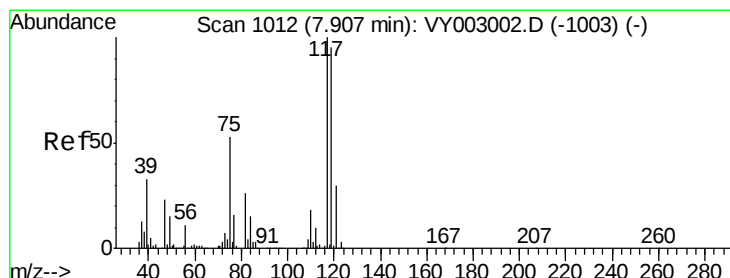
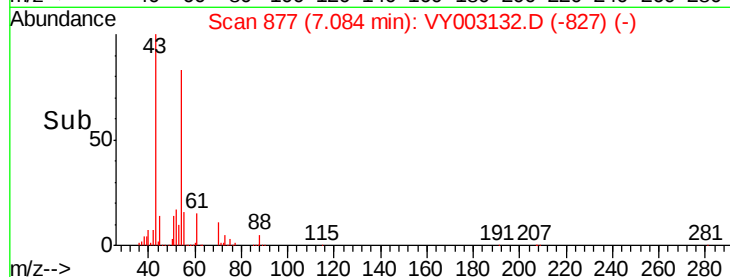
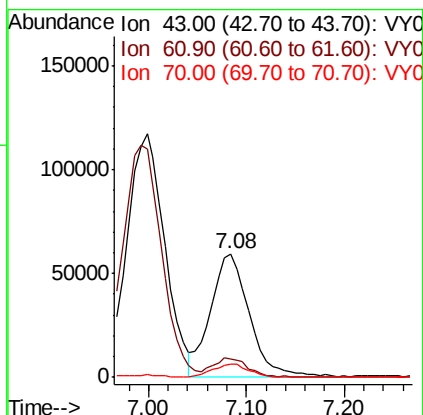
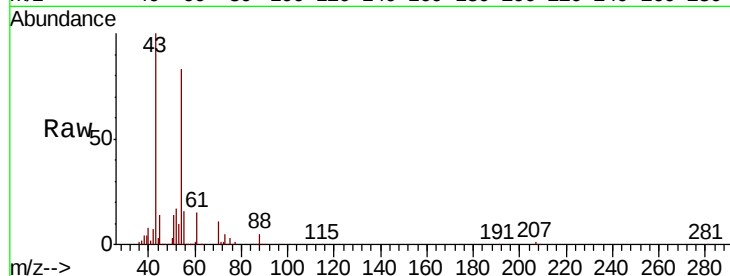




#37
Ethyl Acetate
Concen: 48.552 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

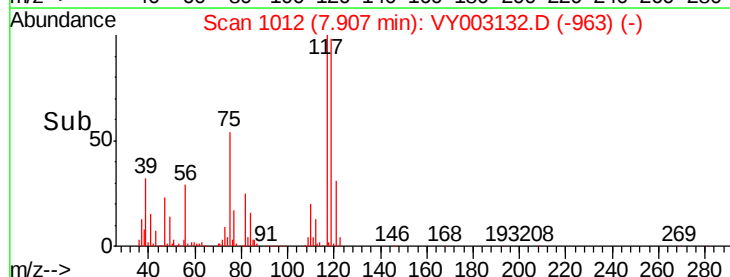
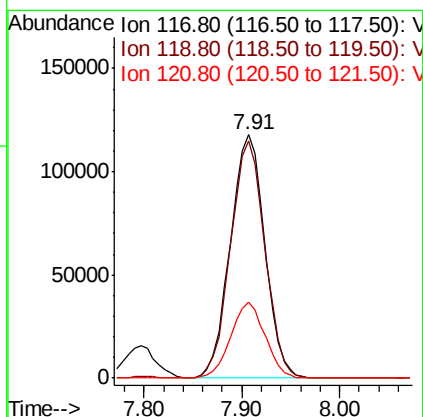
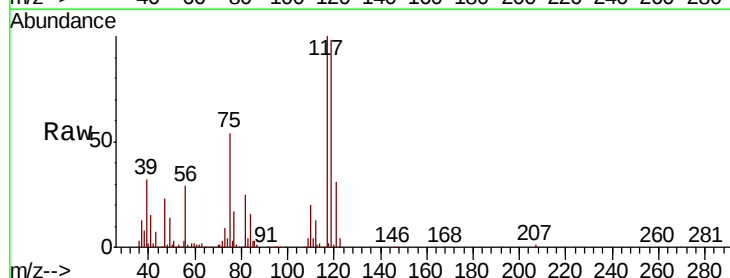
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

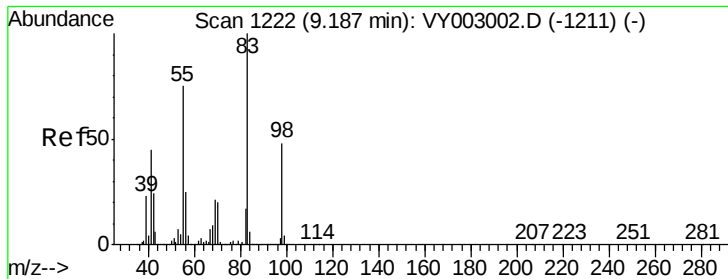
Tot Ion: 43 Resp: 161666
Ion Ratio Lower Upper
43 100
61 14.3 10.4 15.6
70 10.4 7.7 11.5



#38
Carbon Tetrachloride
Concen: 50.050 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion: 117 Resp: 288383
Ion Ratio Lower Upper
117 100
119 97.4 75.7 113.5
121 31.2 23.9 35.9

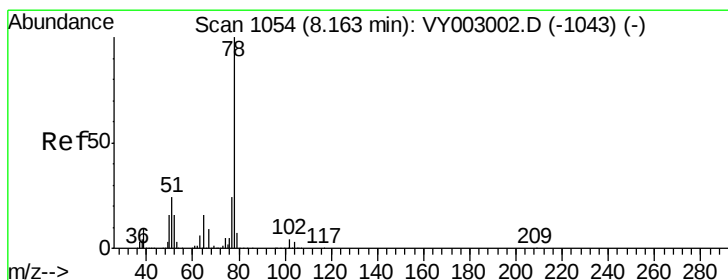
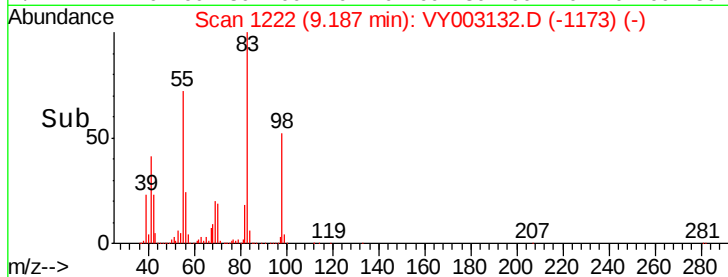
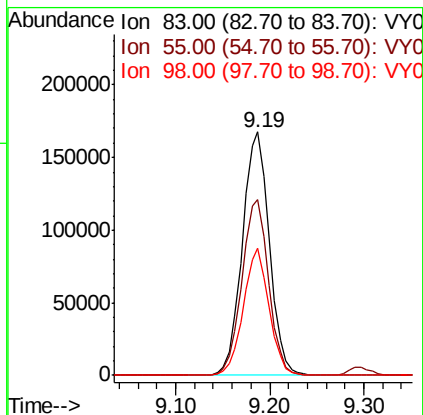
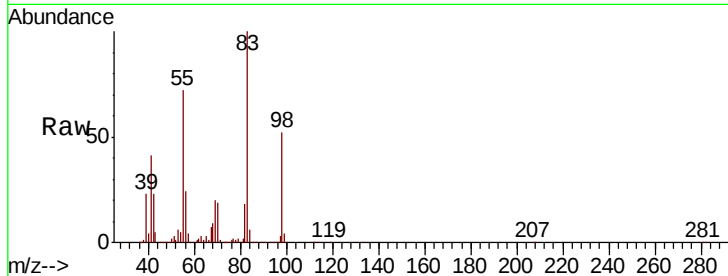




#39
Methvlcvclohexane
Concen: 48.958 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

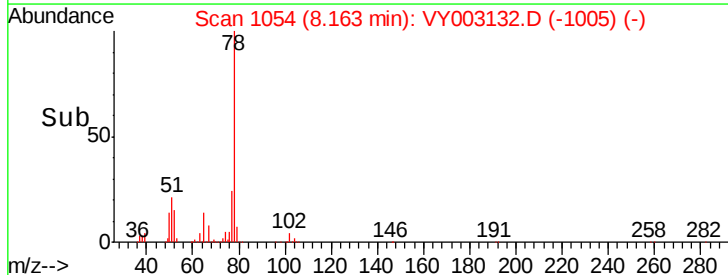
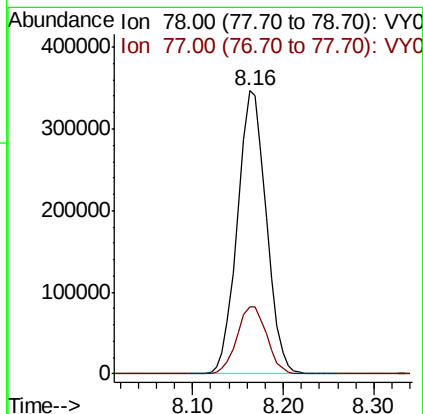
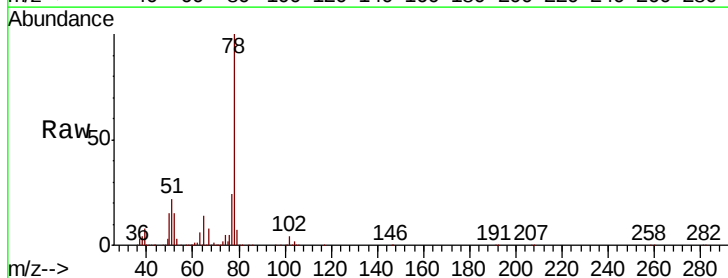
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

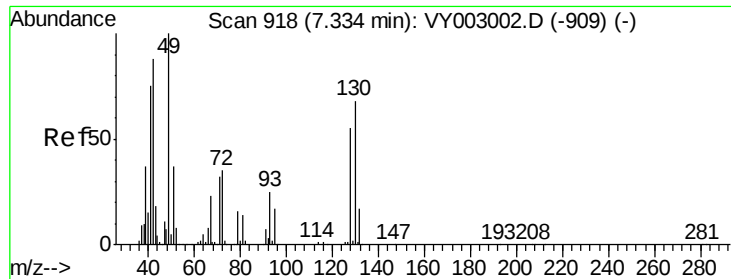
Tot Ion: 83 Resp: 336159
Ion Ratio Lower Upper
83 100
55 71.9 59.9 89.9
98 52.3 38.7 58.1



#40
Benzene
Concen: 50.461 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion: 78 Resp: 765060
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8

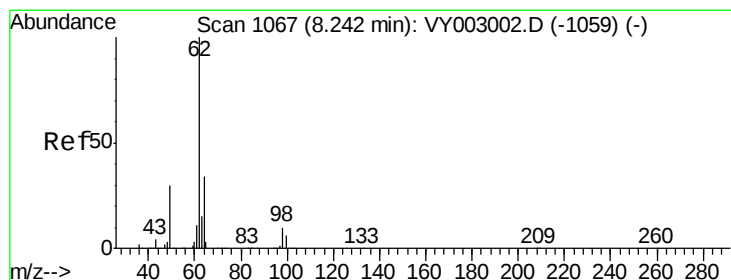
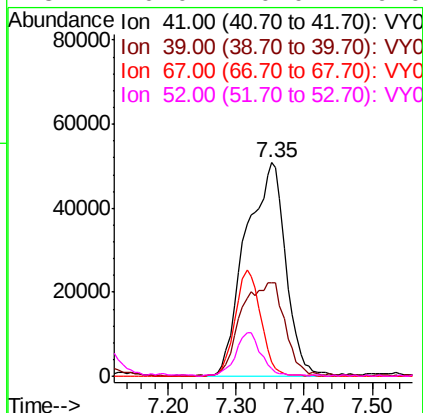
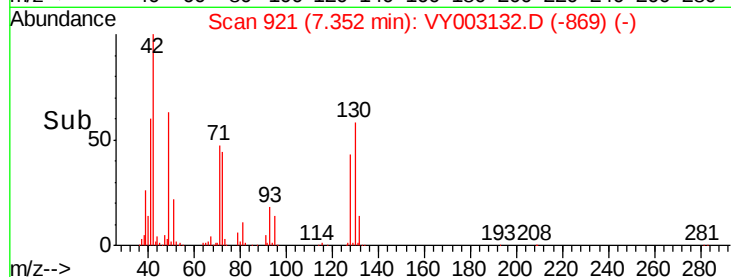
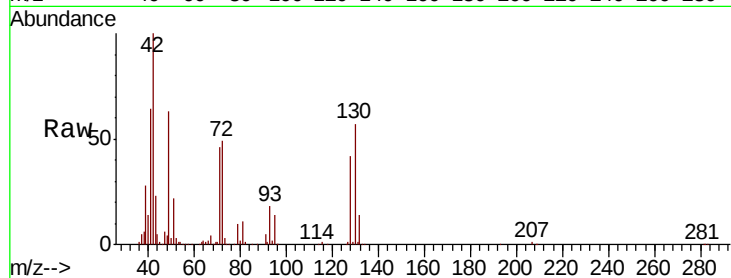




#41
Methacrylonitrile
Concen: 117.250 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

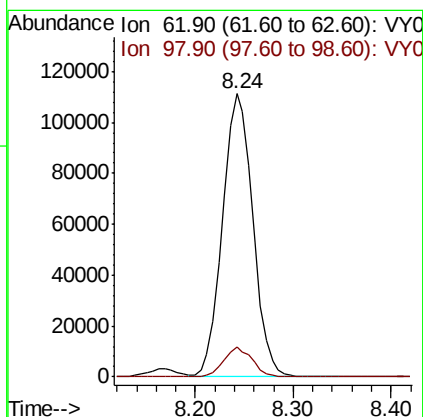
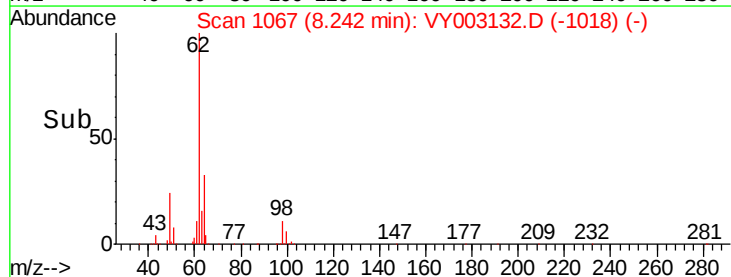
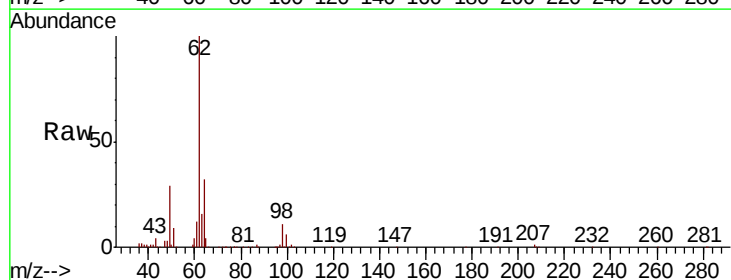
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

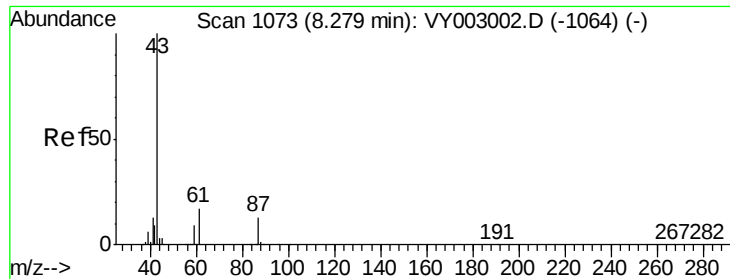
Tot Ion: 41 Resp: 208550
Ion Ratio Lower Upper
41 100
39 47.6 85.7 128.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 49.968 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion: 62 Resp: 239666
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.2



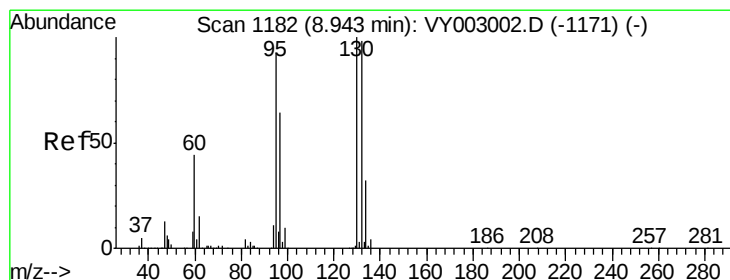
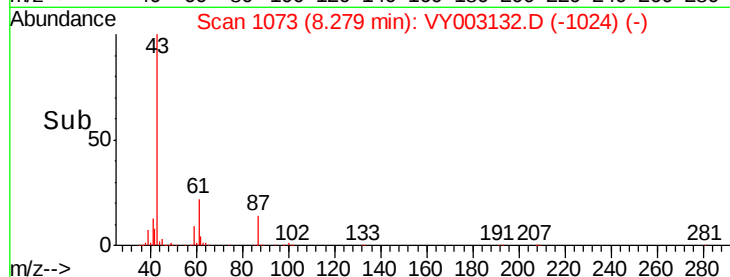
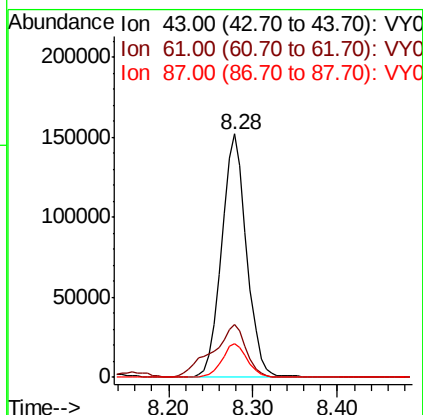
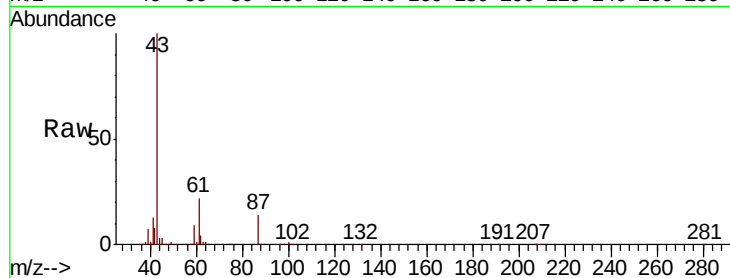


#43

Isopropyl Acetate
 Concen: 48.368 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

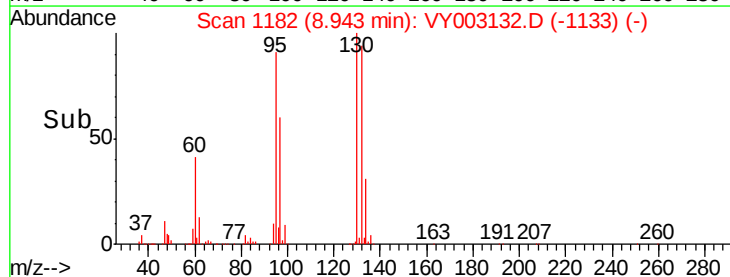
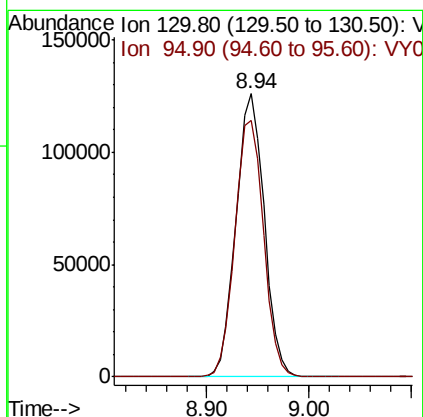
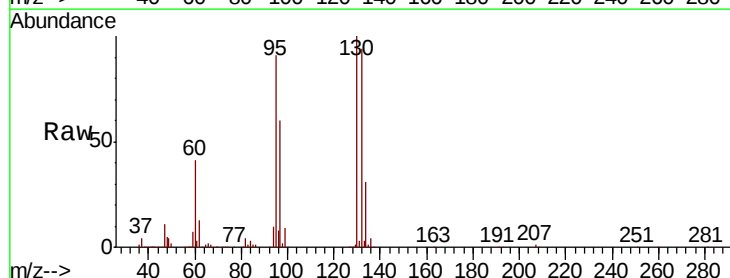
Tot Ion	43	Resp	306171
Ion Ratio	Lower	Upper	
43	100		
61	29.6	21.8	32.6
87	14.2	10.1	15.1

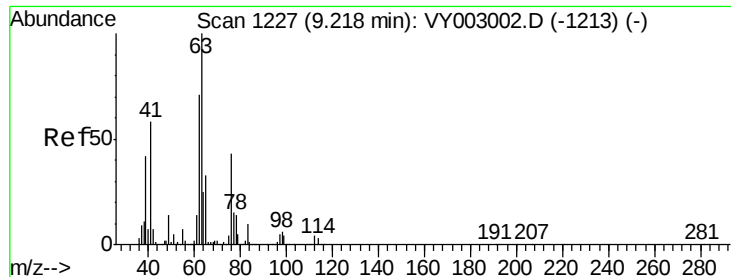


#44

Trichloroethene
 Concen: 54.884 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Tgt Ion	130	Resp	241859
Ion Ratio	Lower	Upper	
130	100		
95	90.8	0.0	186.4

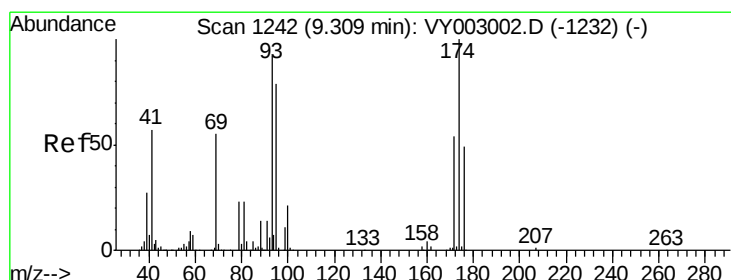
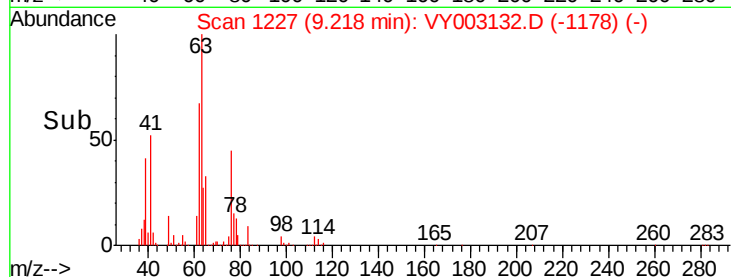
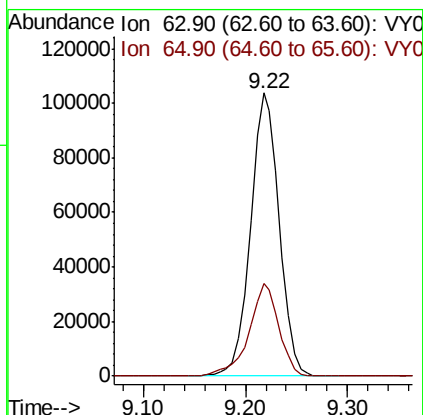
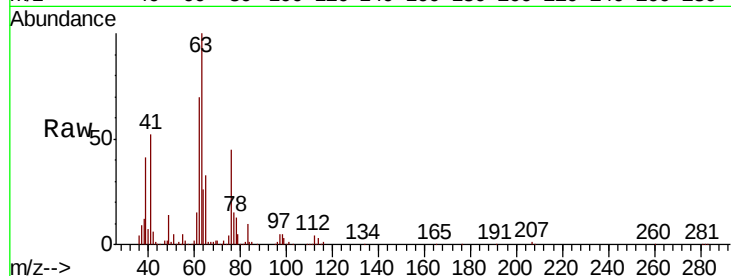




#45
 1,2-Dichloropropane
 Concen: 49.520 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

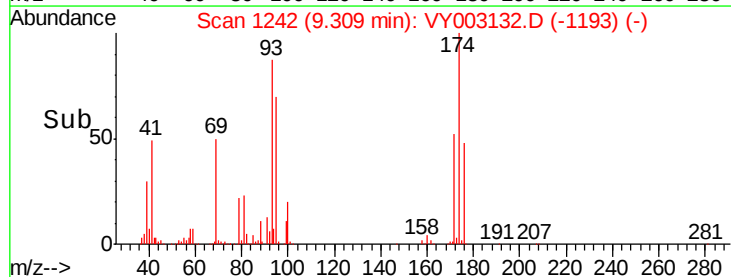
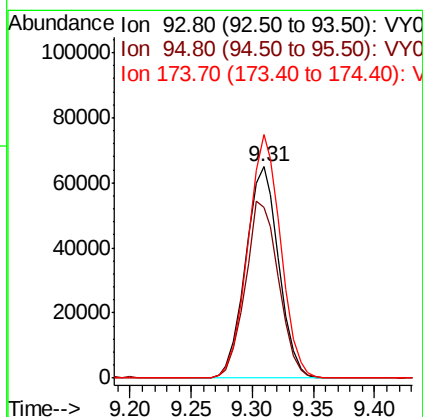
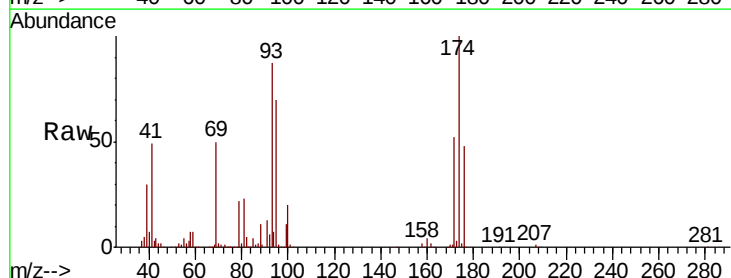
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

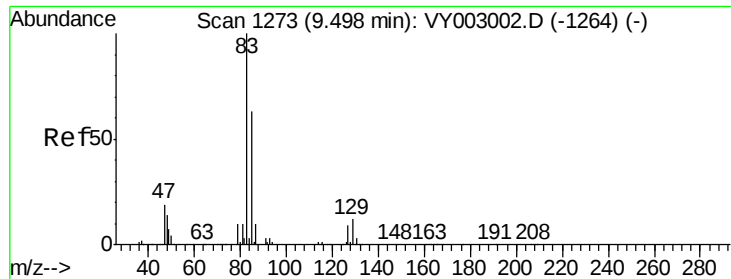
Tot Ion: 63 Resp: 201989
 Ion Ratio Lower Upper
 63 100
 65 32.8 26.2 39.4



#46
 Dibromomethane
 Concen: 53.804 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Tgt Ion: 93 Resp: 122574
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.6 101.4
 174 113.9 88.3 132.5





#47

Bromodichloromethane

Concen: 52.055 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

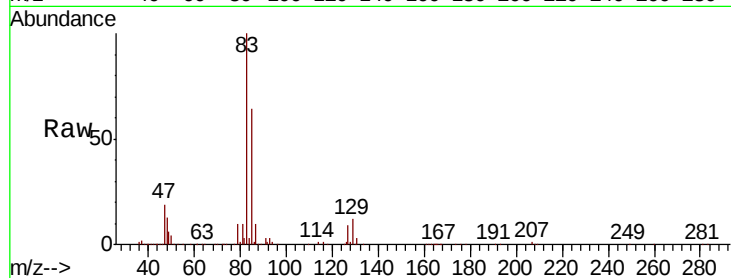
Tot Ion: 83 Resp: 290386

Ion Ratio Lower Upper

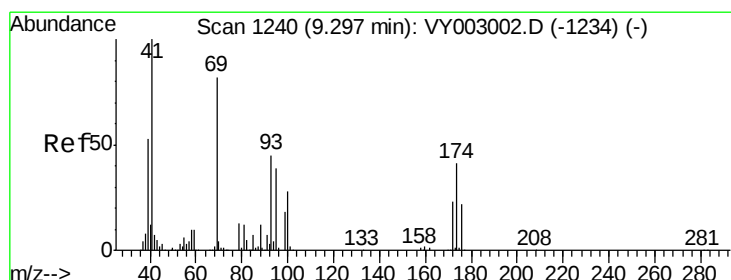
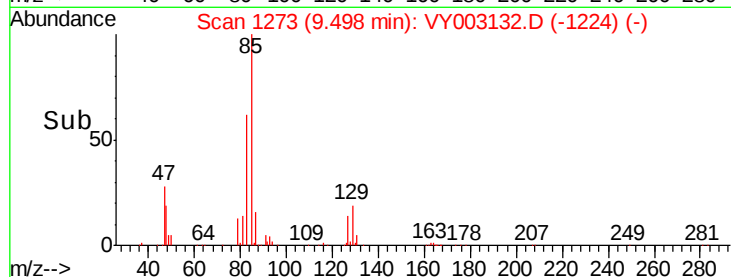
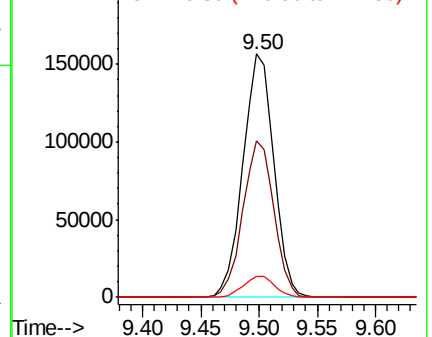
83 100

85 64.2 50.5 75.7

127 8.7 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 46.990 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

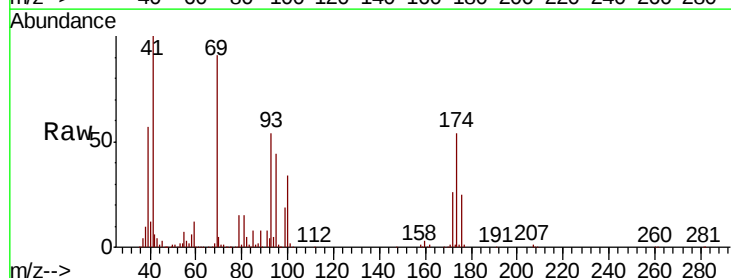
Tgt Ion: 41 Resp: 135388

Ion Ratio Lower Upper

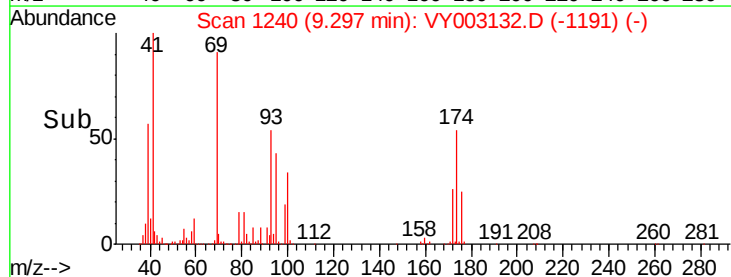
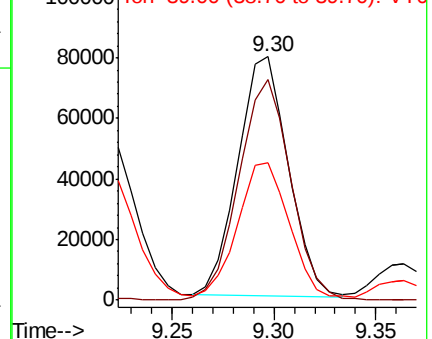
41 100

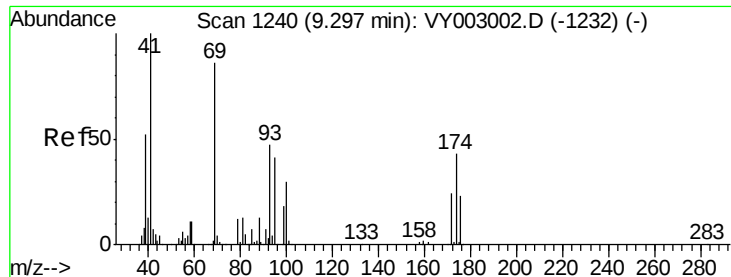
69 94.3 67.7 101.5

39 60.1 45.0 67.4



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

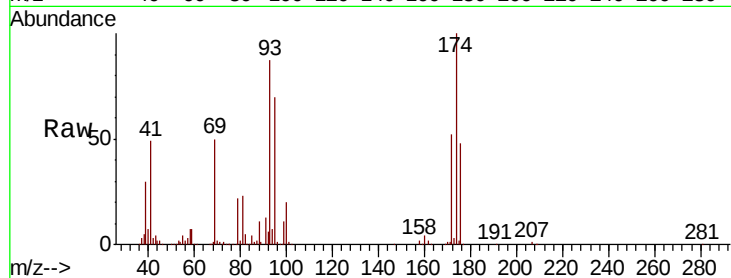




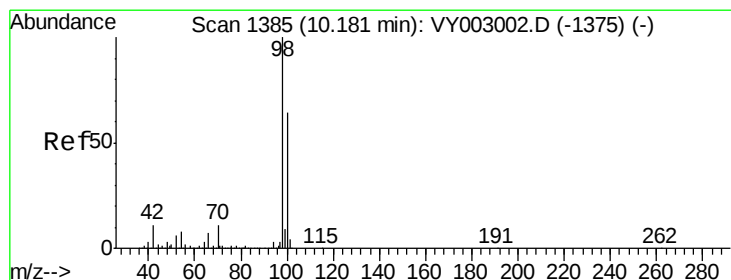
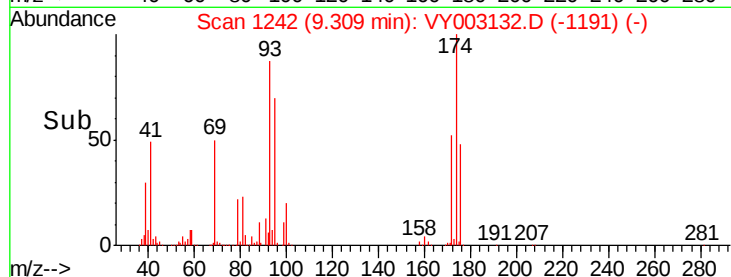
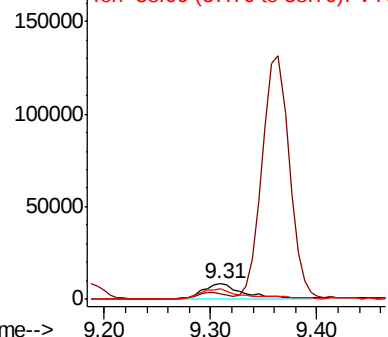
#49
1,4-Dioxane
Concen: 880.843 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 24496
Ion Ratio Lower Upper
88 100
43 29.7 28.6 42.8
58 58.0 56.7 85.1

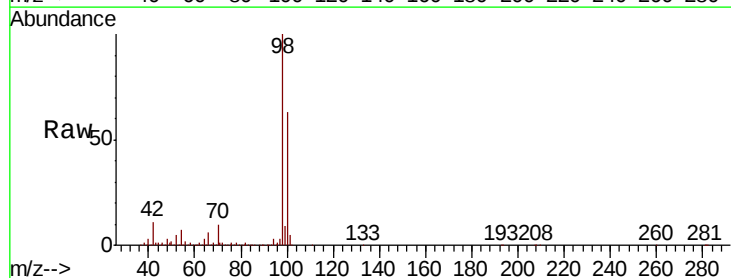


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

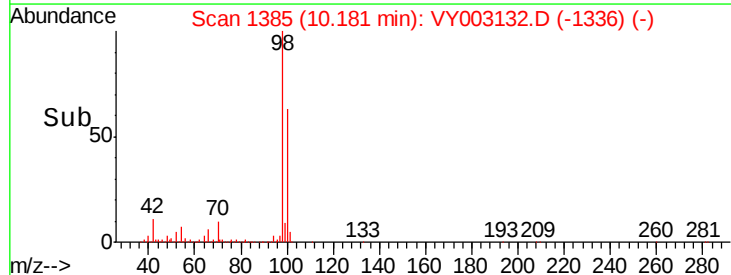
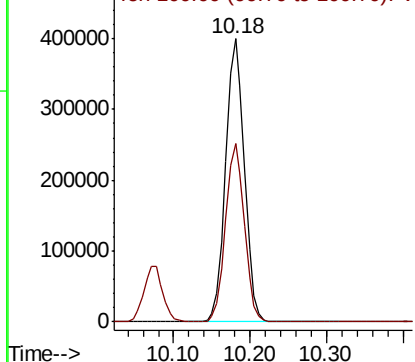


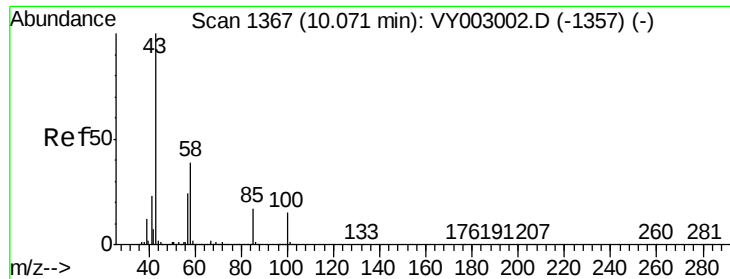
#50
Toluene-d8
Concen: 50.476 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion: 98 Resp: 674433
Ion Ratio Lower Upper
98 100
100 63.3 51.1 76.7



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





#51

4-Methyl-2-Pentanone

Concen: 245.761 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

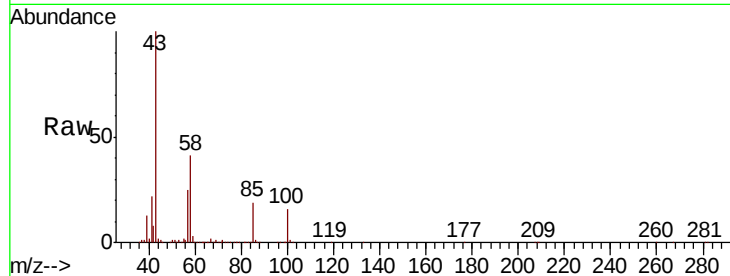
VSTDCCC050EC

Tot Ion: 43 Resp: 804053

Ion Ratio Lower Upper

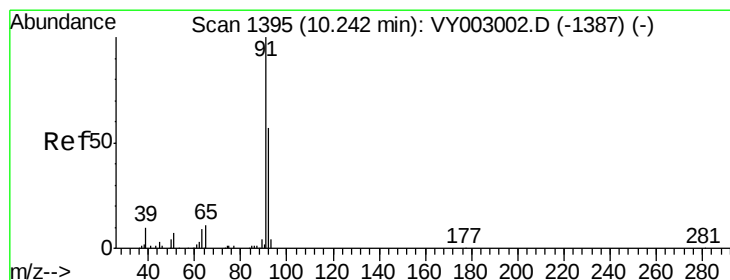
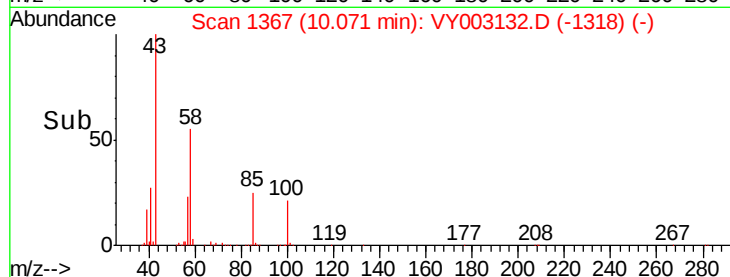
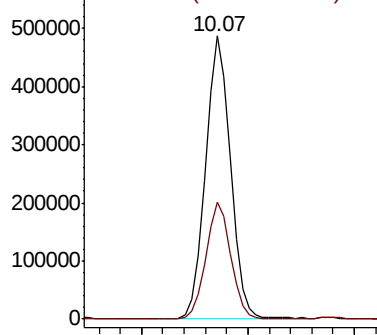
43 100

58 41.3 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 52.157 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY003132.D

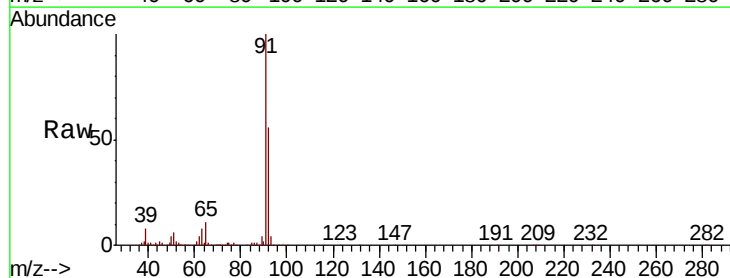
Acq: 07 Jul 2020 17:29

Tgt Ion: 92 Resp: 497797

Ion Ratio Lower Upper

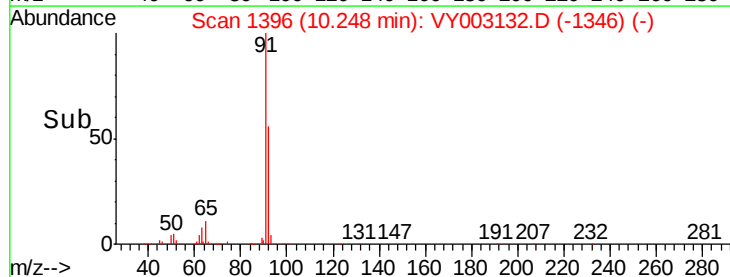
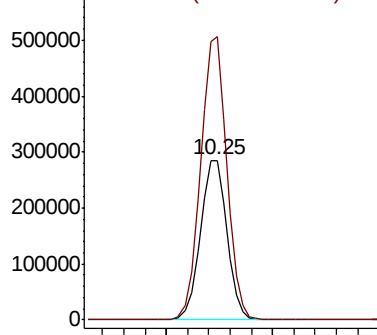
92 100

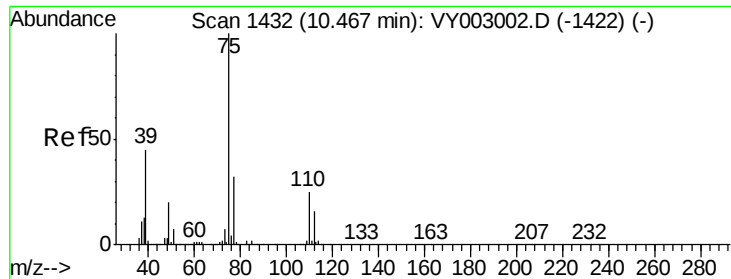
91 175.0 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 51.383 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

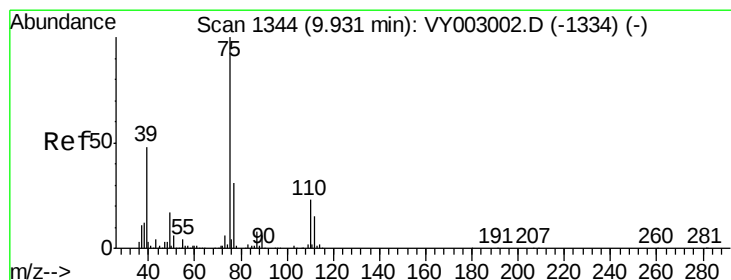
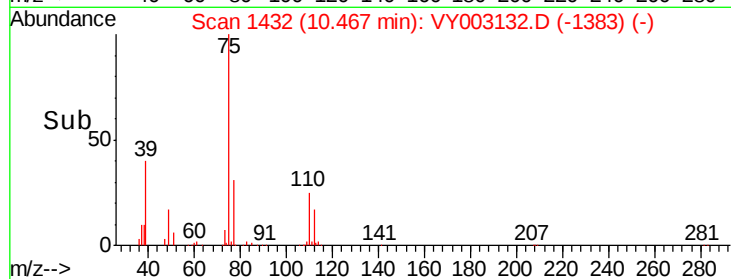
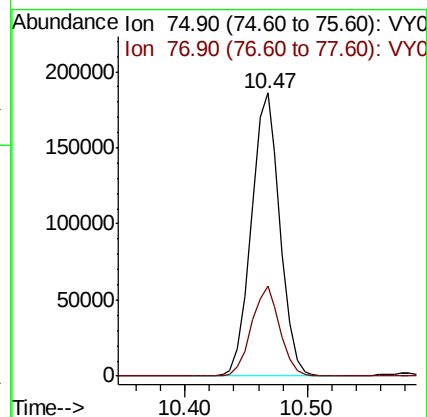
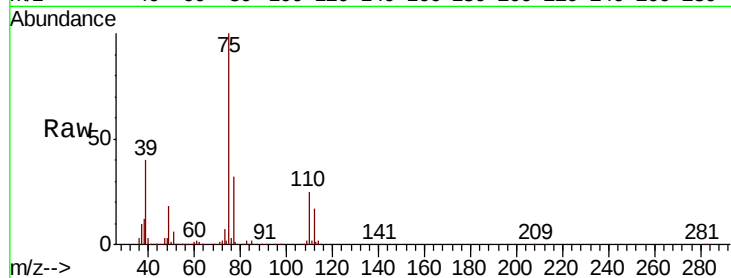
VSTDCCC050EC

Tot Ion: 75 Resp: 300520

Ion Ratio Lower Upper

75 100

77 31.7 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 51.207 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

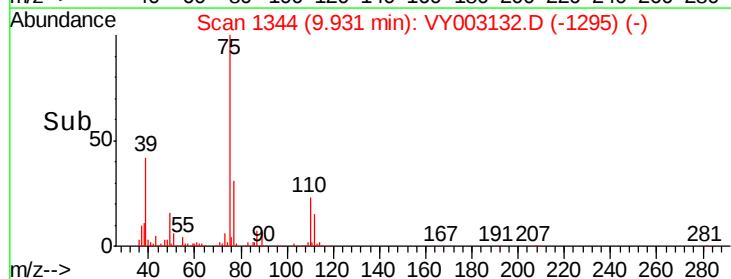
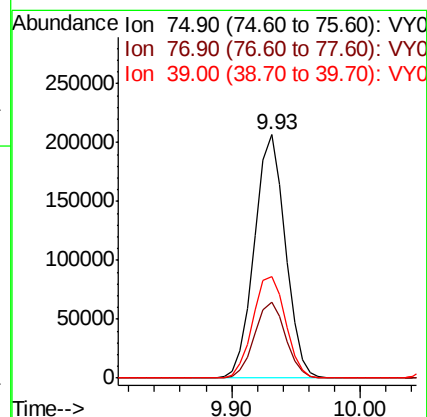
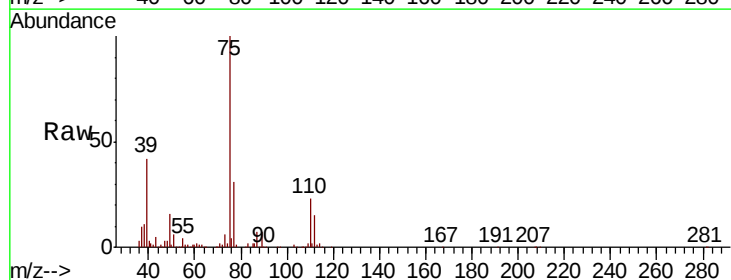
Tgt Ion: 75 Resp: 342512

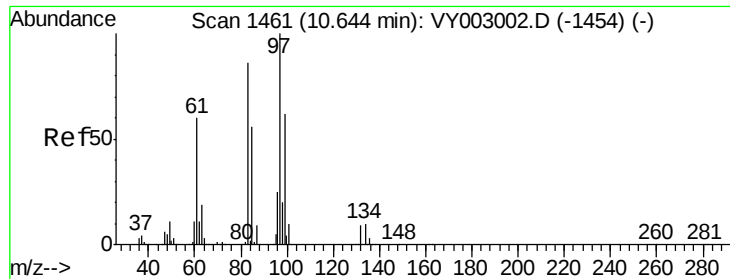
Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

39 41.6 38.3 57.5

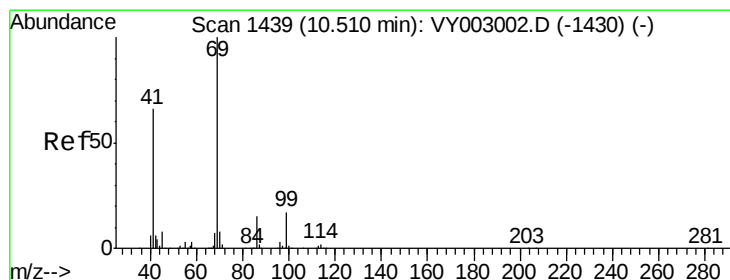
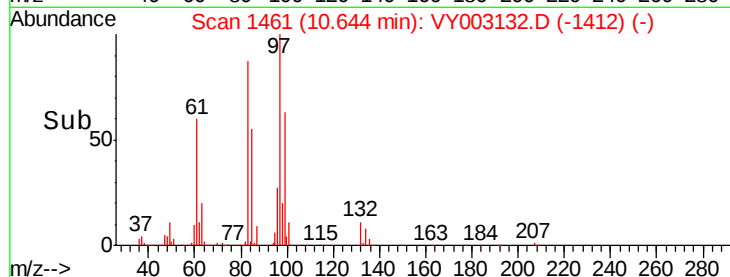
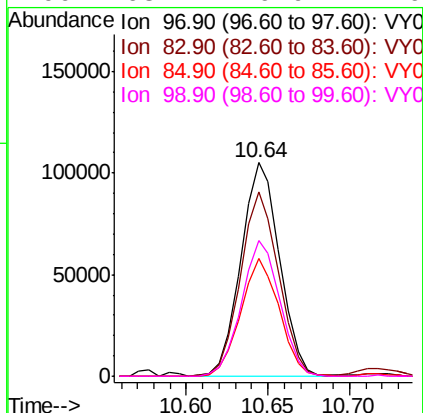
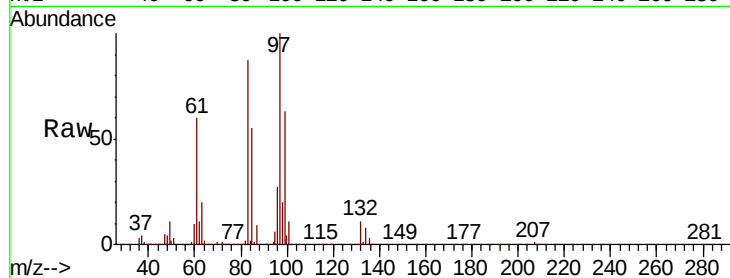




#55
 1,1,2-Trichloroethane
 Concen: 54.628 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

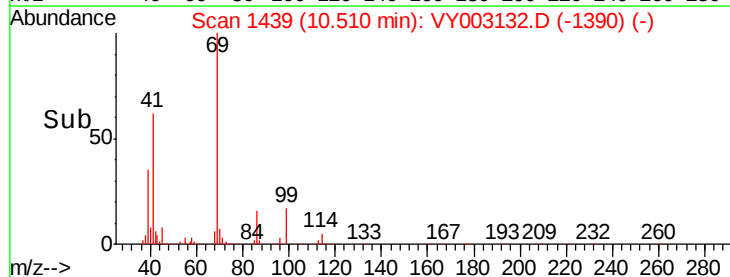
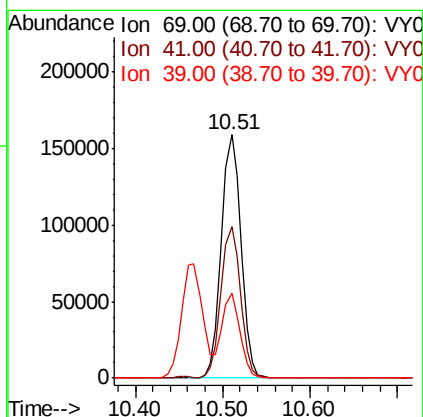
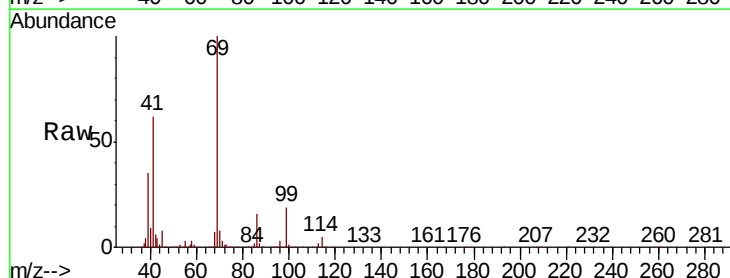
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

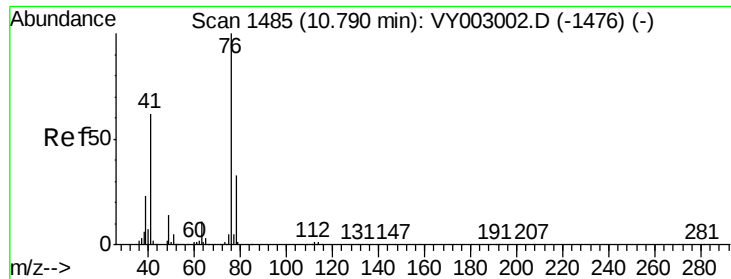
Tot Ion:	97	Resp:	172938
Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.0	103.6
85	55.2	44.8	67.2
99	63.4	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 54.311 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Tgt Ion:	69	Resp:	248886
Ion	Ratio	Lower	Upper
69	100		
41	61.4	53.7	80.5
39	33.2	28.3	42.5





#57

1,3-Dichloropropane

Concen: 52.660 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

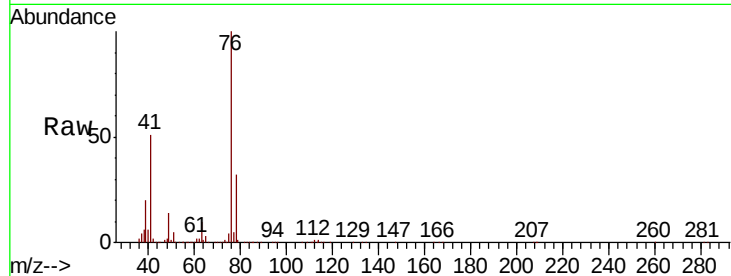
VSTDCCC050EC

Tot Ion: 76 Resp: 292658

Ion Ratio Lower Upper

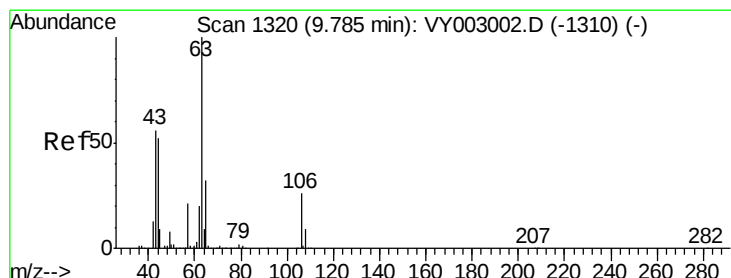
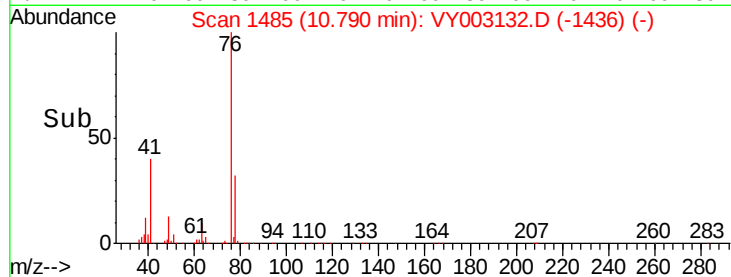
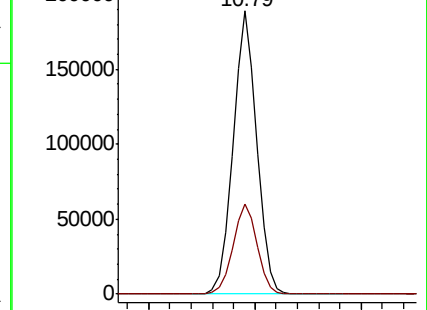
76 100

78 32.6 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 262.396 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003132.D

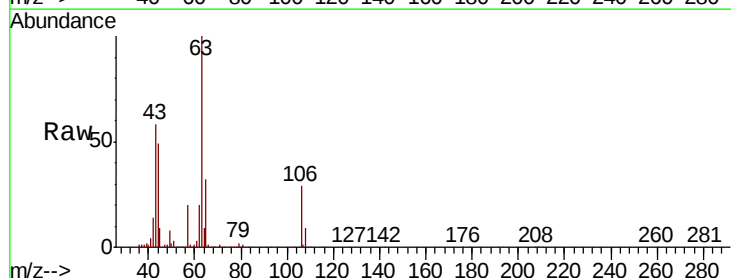
Acq: 07 Jul 2020 17:29

Tgt Ion: 63 Resp: 616703

Ion Ratio Lower Upper

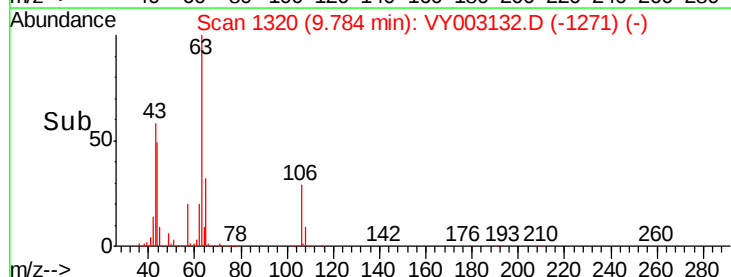
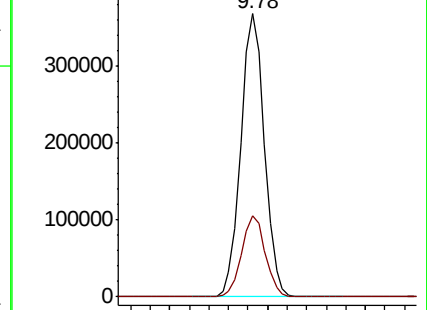
63 100

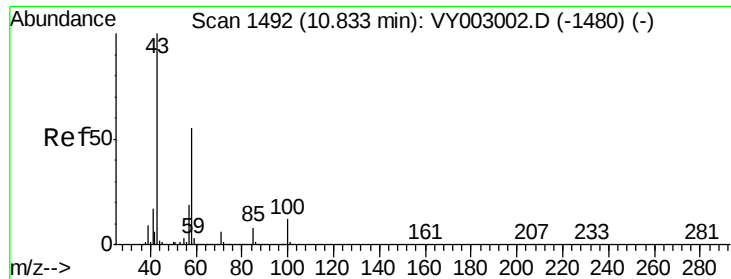
106 28.8 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

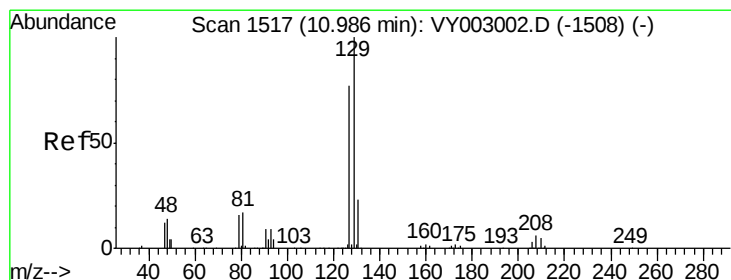
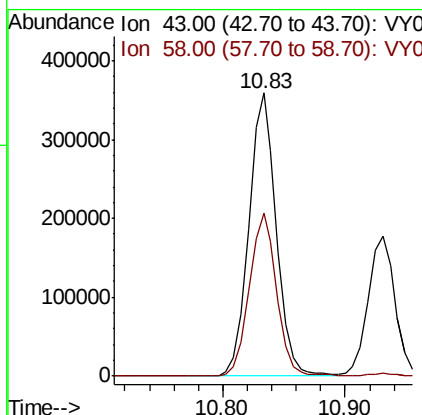
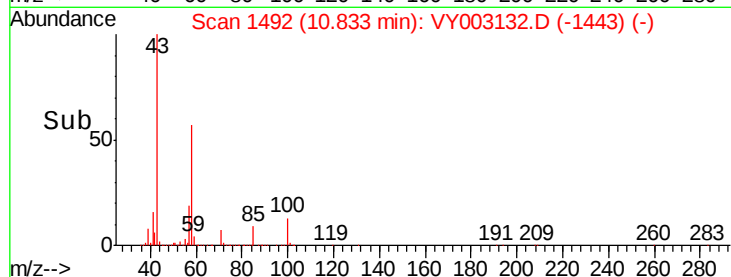
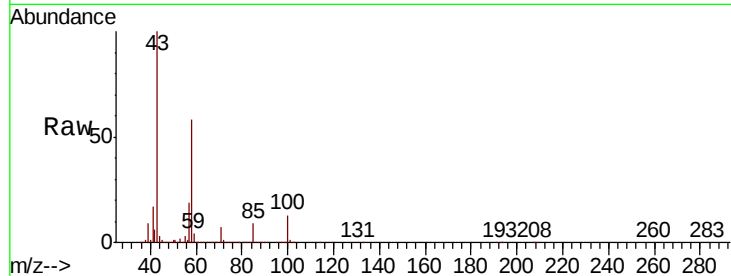




#59
2-Hexanone
Concen: 243.990 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

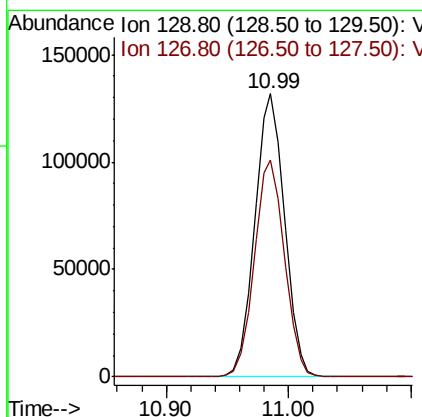
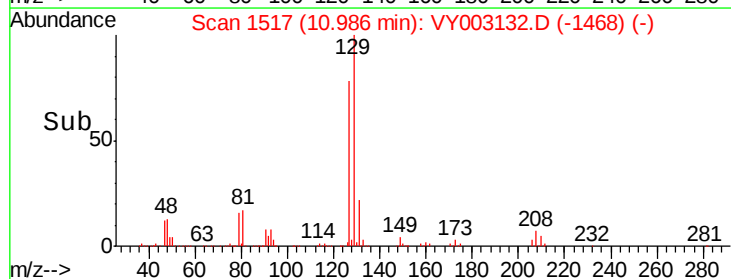
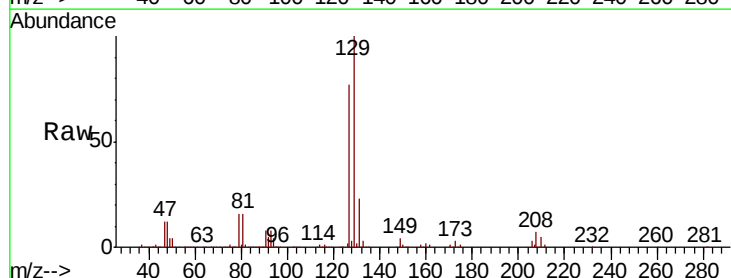
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

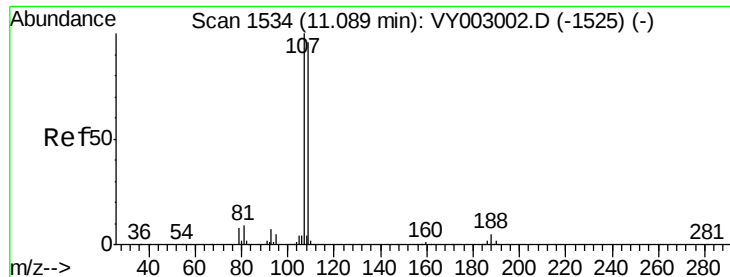
Tot Ion: 43 Resp: 557954
Ion Ratio Lower Upper
43 100
58 57.6 27.5 82.4



#60
Dibromochloromethane
Concen: 55.224 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion: 129 Resp: 223731
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.3

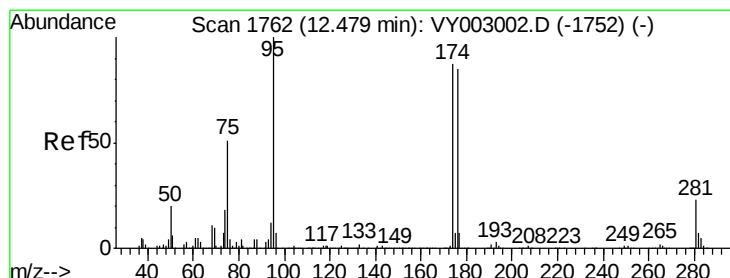
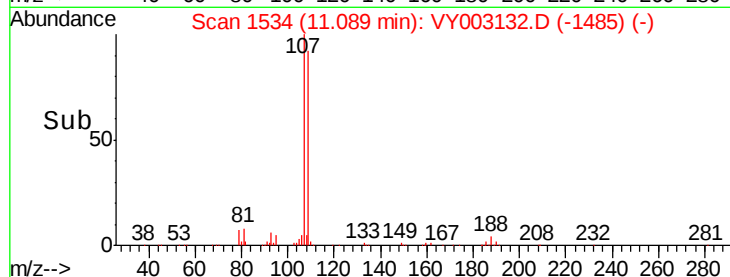
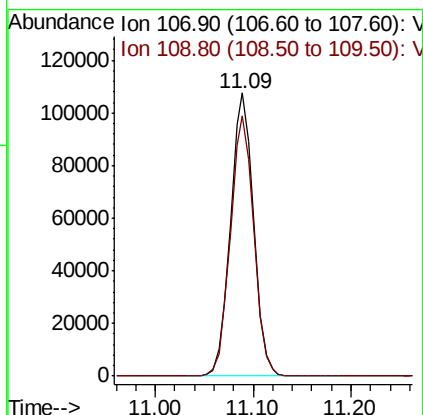
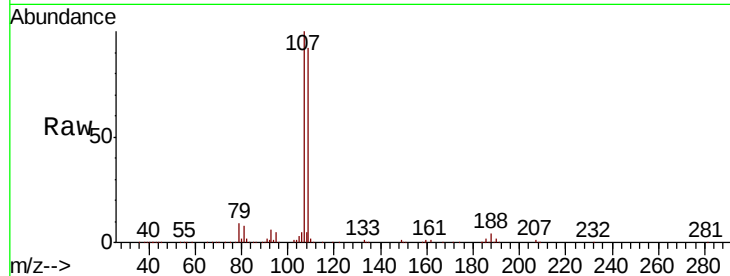




#61
 1,2-Dibromoethane
 Concen: 56.135 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

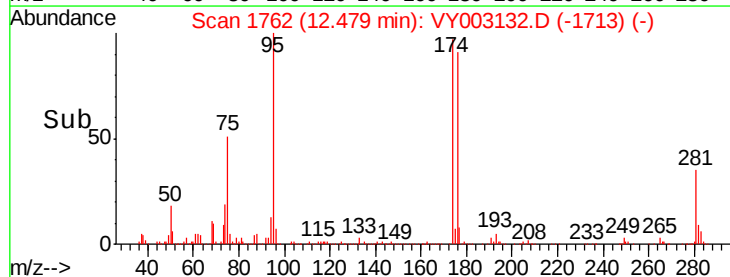
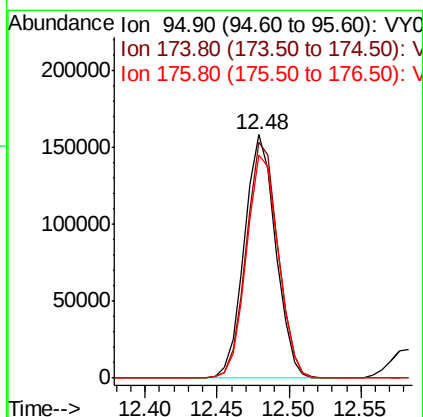
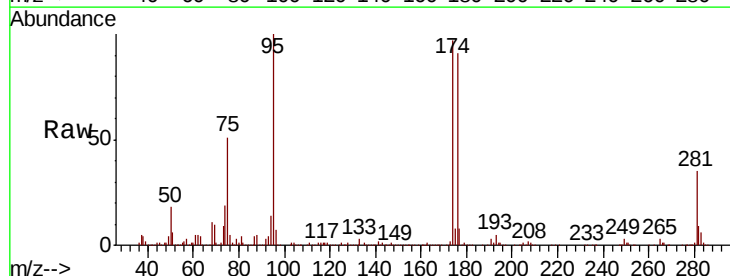
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

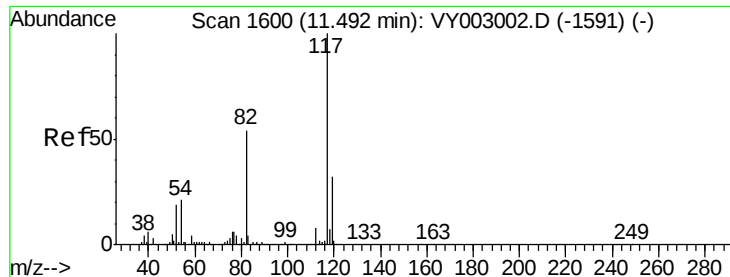
Tot Ion: 107 Resp: 175194
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 50.559 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Tgt Ion: 95 Resp: 237790
 Ion Ratio Lower Upper
 95 100
 174 97.9 0.0 184.8
 176 93.3 0.0 183.0

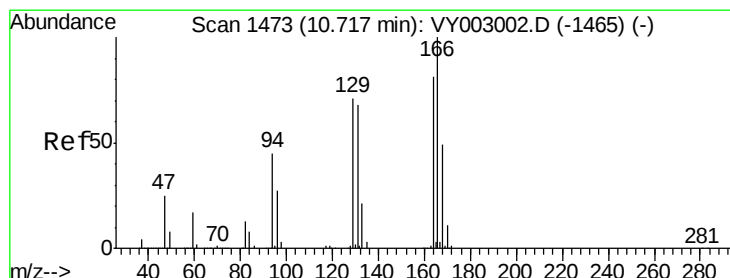
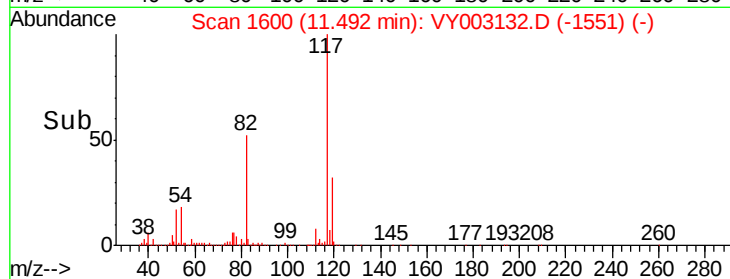
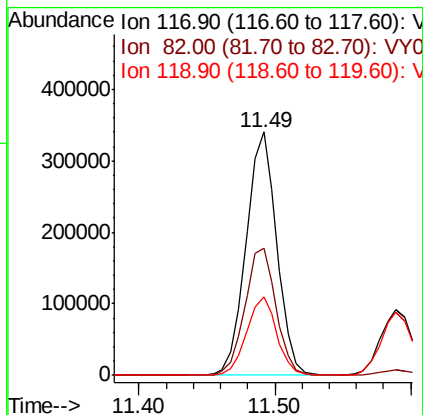
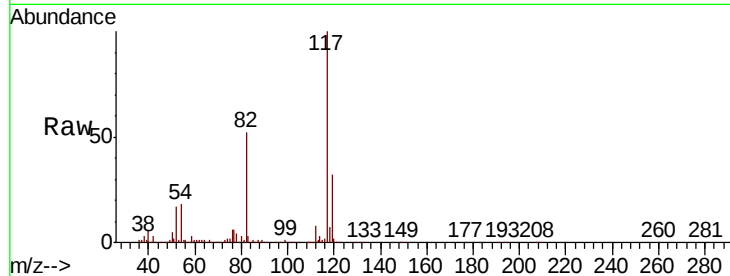




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

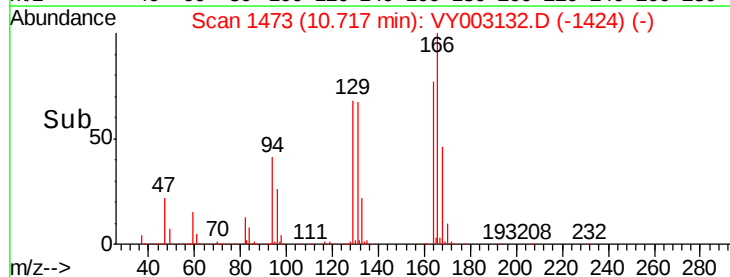
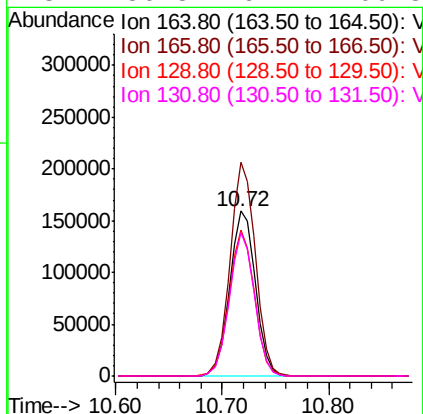
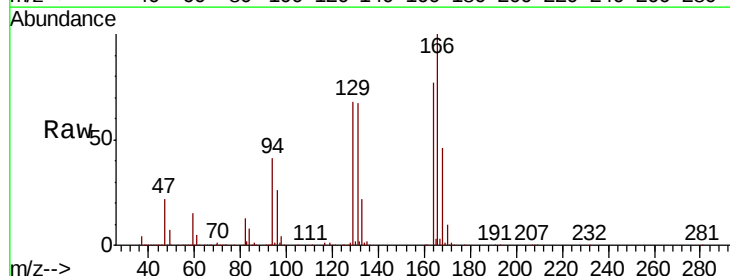
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

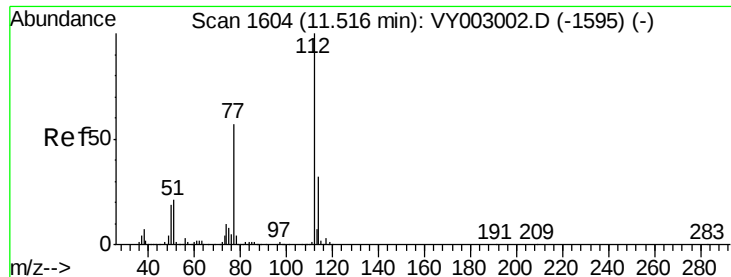
Tot Ion:117 Resp: 536563
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.6
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 59.258 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion:164 Resp: 269102
Ion Ratio Lower Upper
164 100
166 129.4 98.5 147.7
129 88.1 69.7 104.5
131 86.8 67.2 100.8

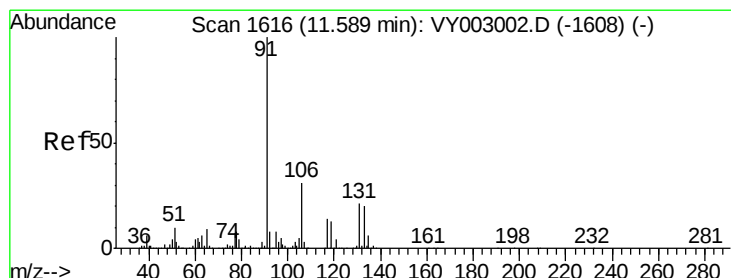
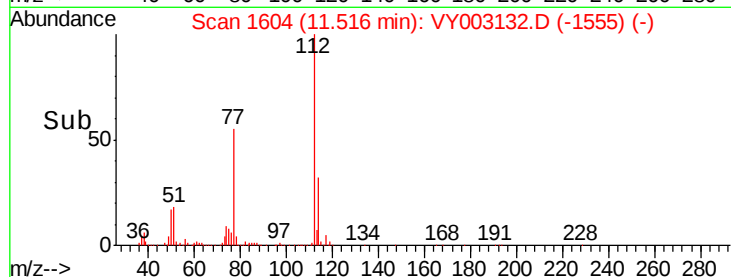
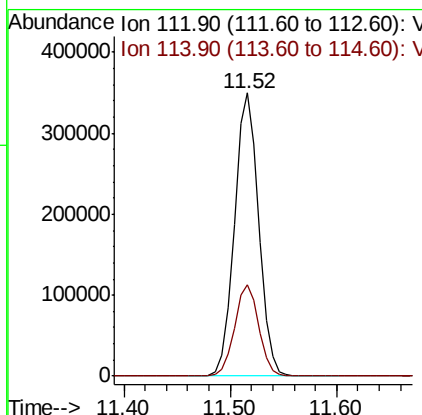
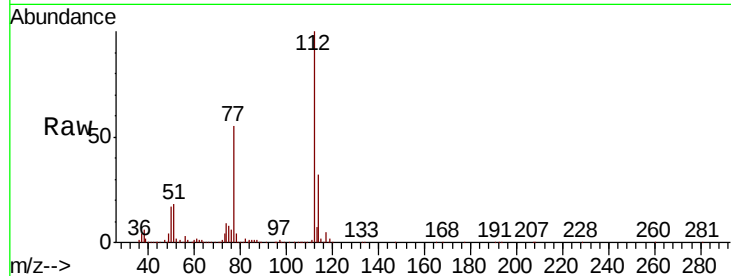




#65
Chlorobenzene
Concen: 52.613 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

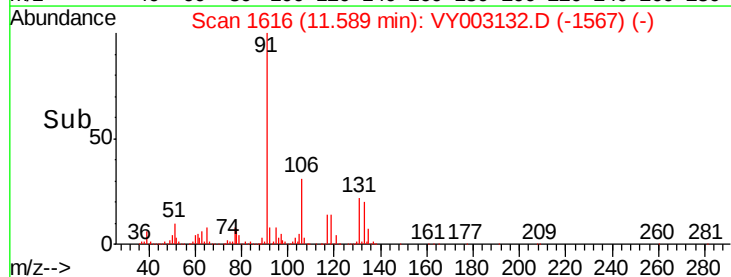
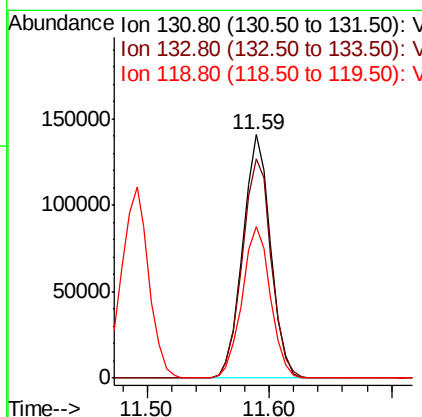
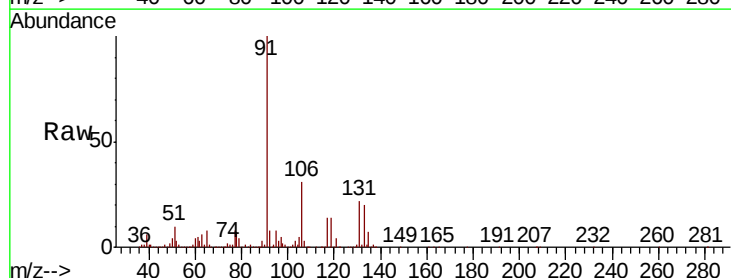
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

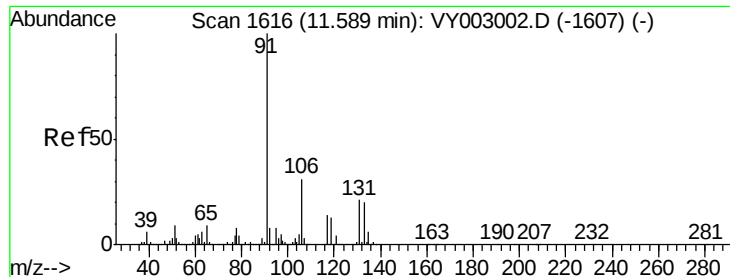
Tot Ion:112 Resp: 556649
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.792 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion:131 Resp: 222199
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.8
119 63.1 31.8 95.3





#67

Ethyl Benzene

Concen: 51.008 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

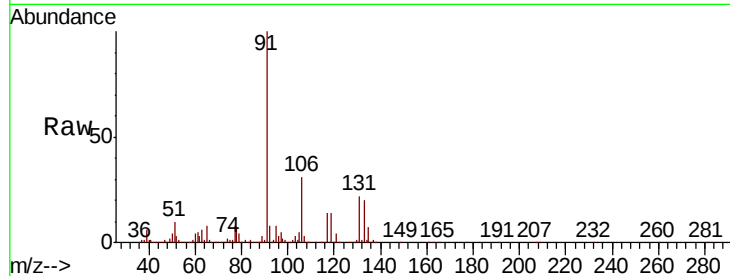
VSTDCCC050EC

Tot Ion: 91 Resp: 987285

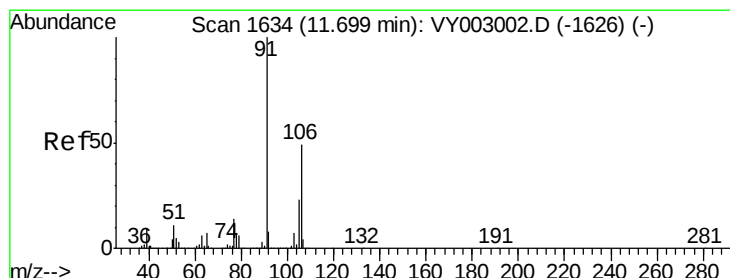
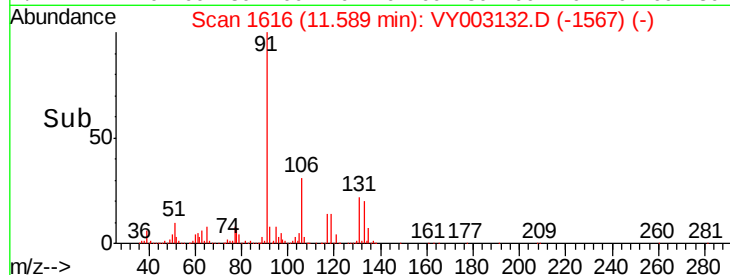
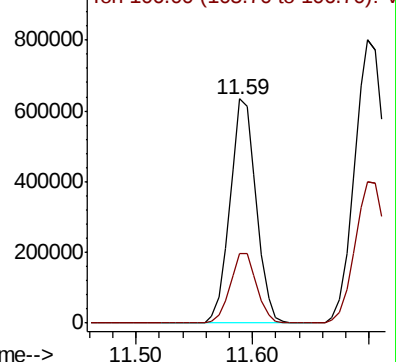
Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VY003132.D (-1567) (-)



#68

m/p-Xylenes

Concen: 103.983 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003132.D

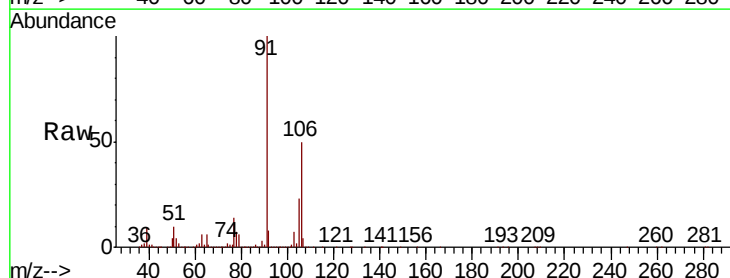
Acq: 07 Jul 2020 17:29

Tgt Ion: 106 Resp: 749068

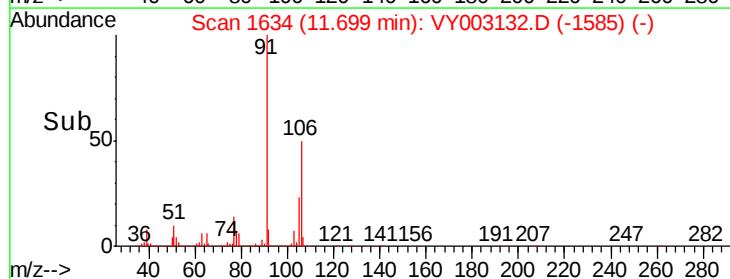
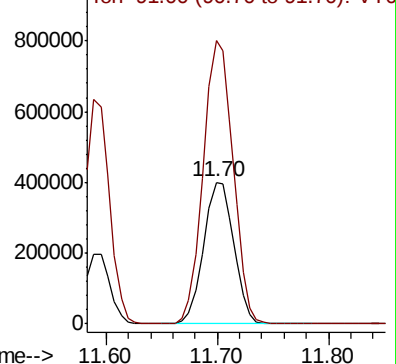
Ion Ratio Lower Upper

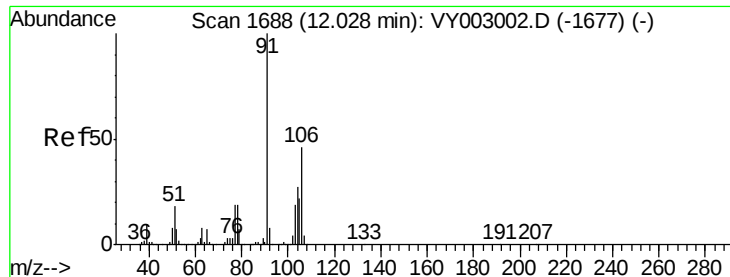
106 100

91 198.4 161.9 242.9



Abundance Ion 106.00 (105.70 to 106.70): VY003132.D (-1585) (-)

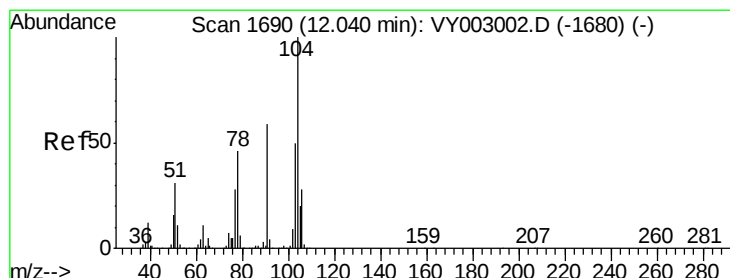
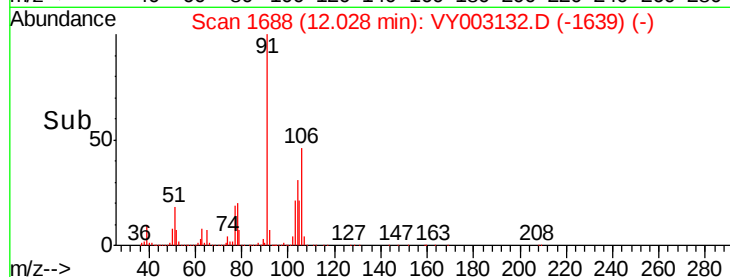
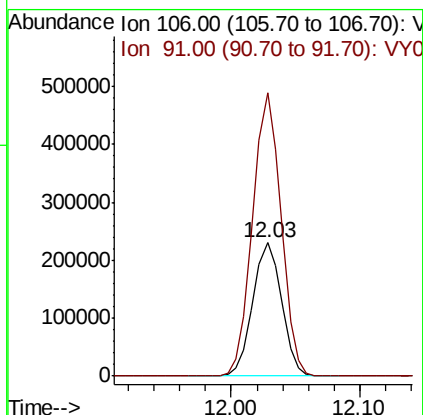
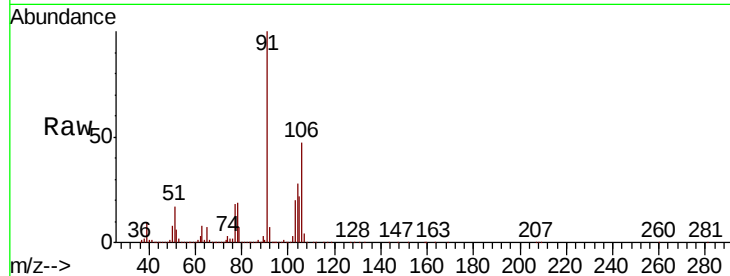




#69
o-Xylene
Concen: 52.373 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

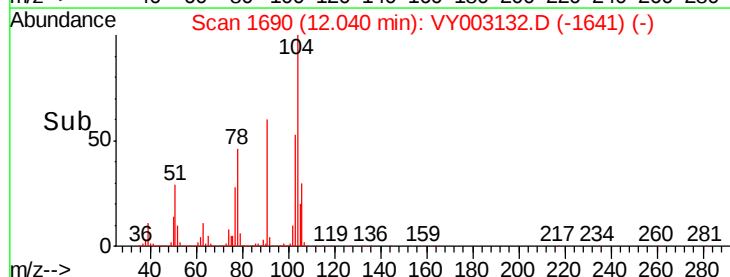
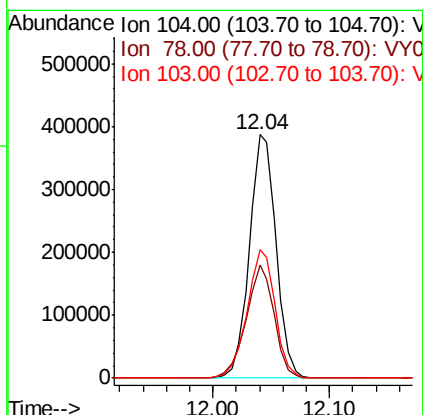
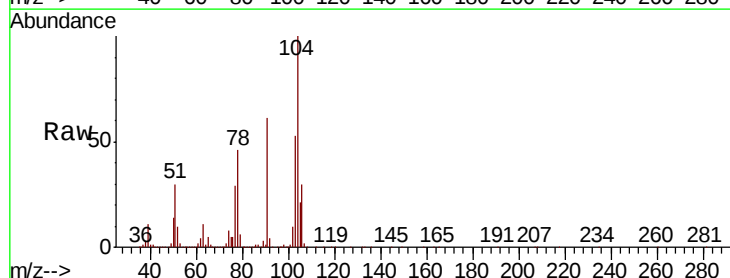
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

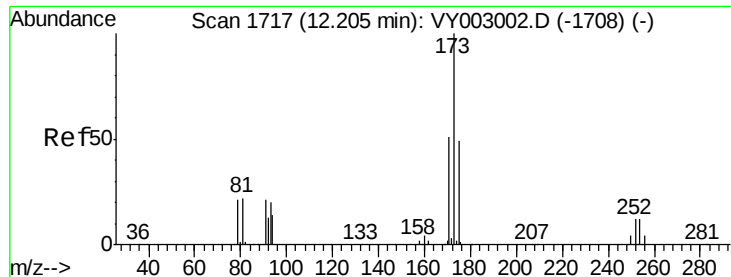
Tot Ion:106 Resp: 355521
Ion Ratio Lower Upper
106 100
91 209.1 107.9 323.8



#70
Styrene
Concen: 53.060 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion:104 Resp: 615339
Ion Ratio Lower Upper
104 100
78 48.7 40.4 60.6
103 55.7 44.1 66.1





#71

Bromoform

Concen: 55.657 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

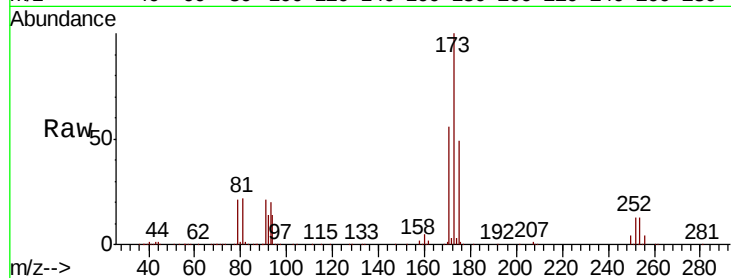
Tot Ion:173 Resp: 153299

Ion Ratio Lower Upper

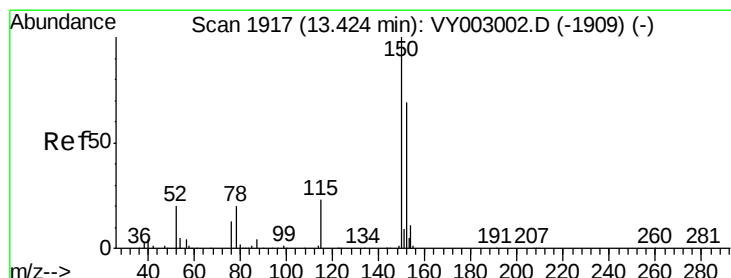
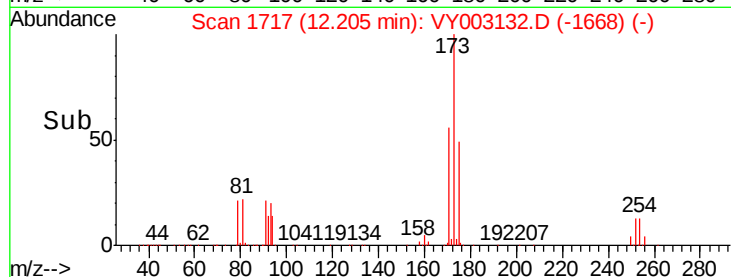
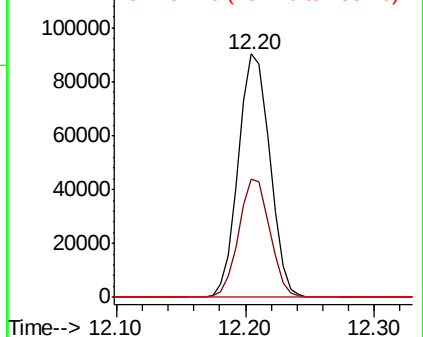
173 100

175 48.0 24.6 73.6

254 0.3 0.2 0.2#



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: VY003132.D

Acq: 07 Jul 2020 17:29

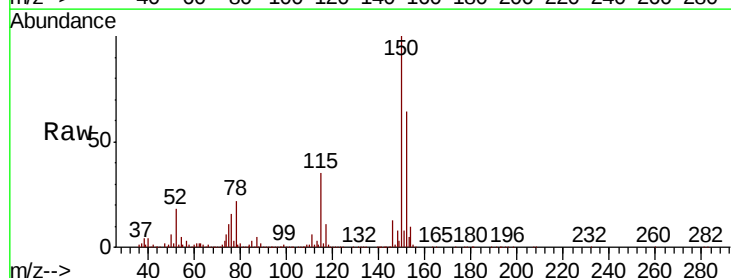
Tgt Ion:152 Resp: 287118

Ion Ratio Lower Upper

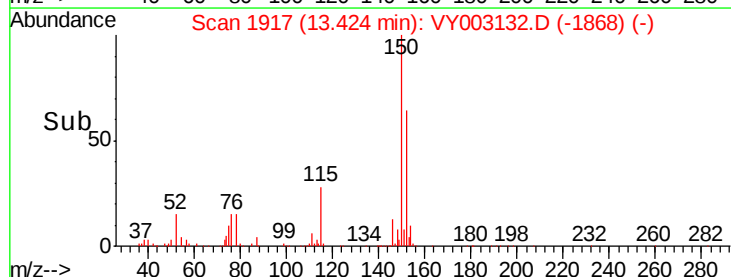
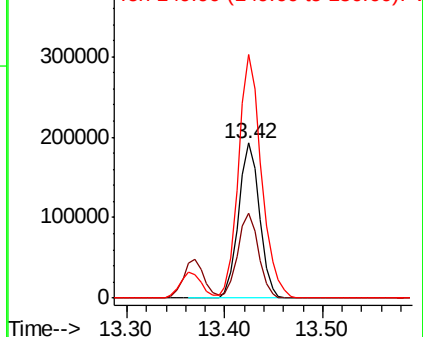
152 100

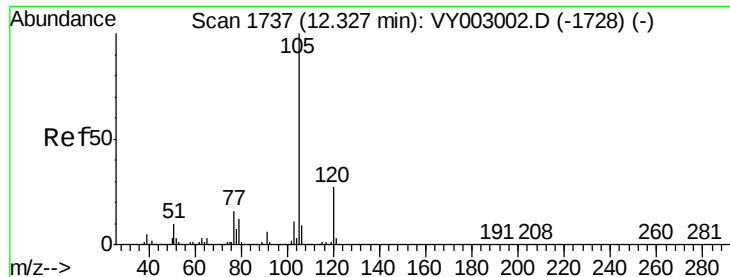
115 54.5 27.3 81.9

150 171.2 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: 51.058 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

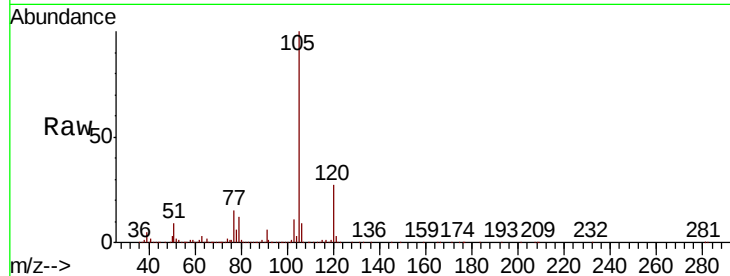
VSTDCCC050EC

Tot Ion: 105 Resp: 959414

Ion Ratio Lower Upper

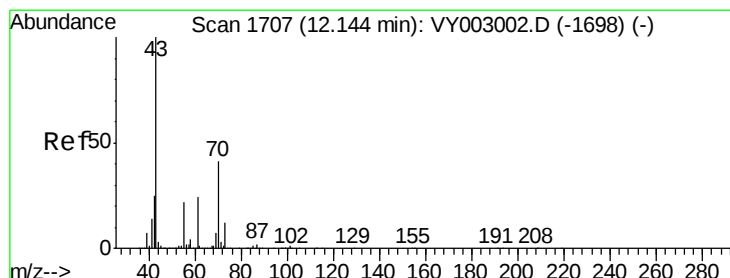
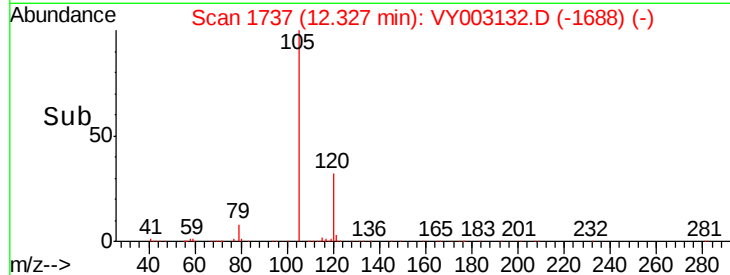
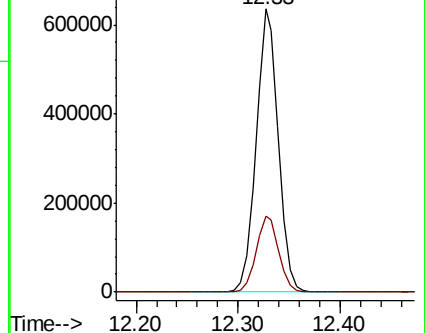
105 100

120 27.2 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.550 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Tgt Ion: 43 Resp: 290871

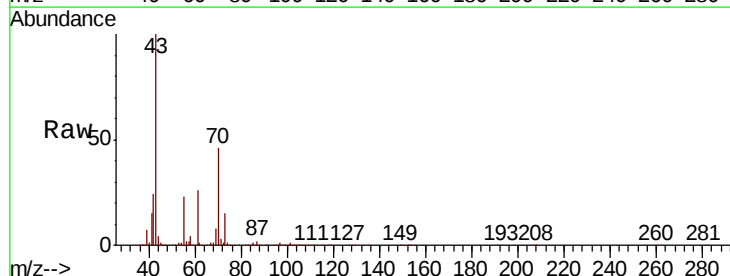
Ion Ratio Lower Upper

43 100

70 46.4 33.0 49.4

55 24.2 18.2 27.2

61 26.3 19.4 29.2

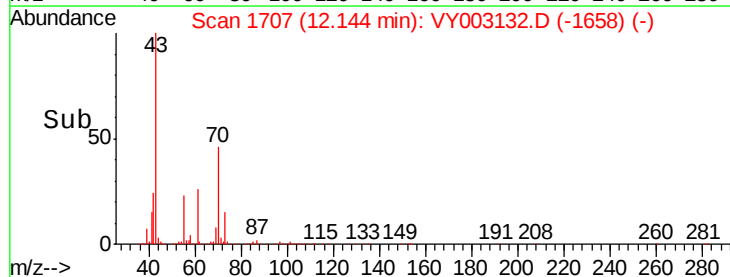
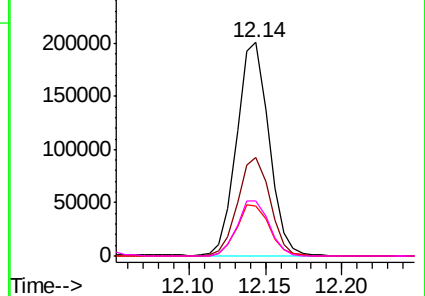


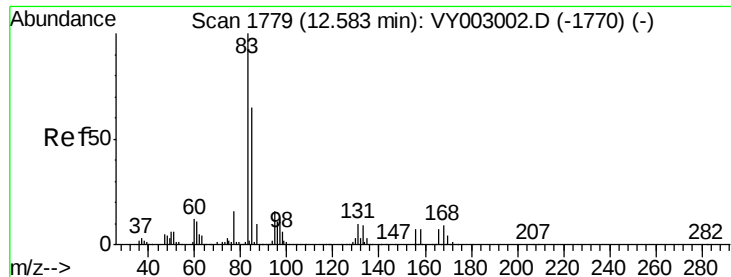
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.787 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

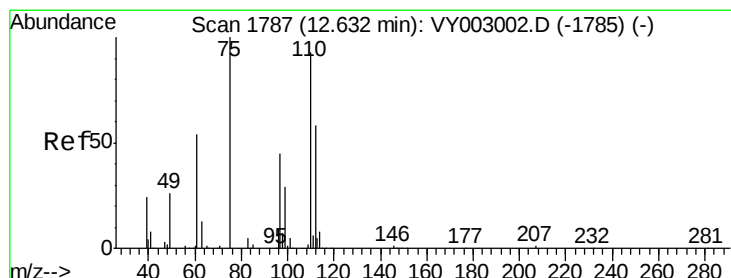
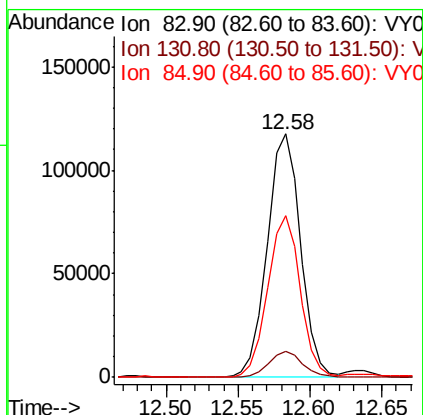
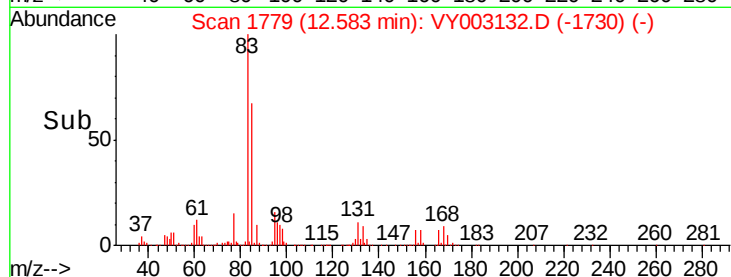
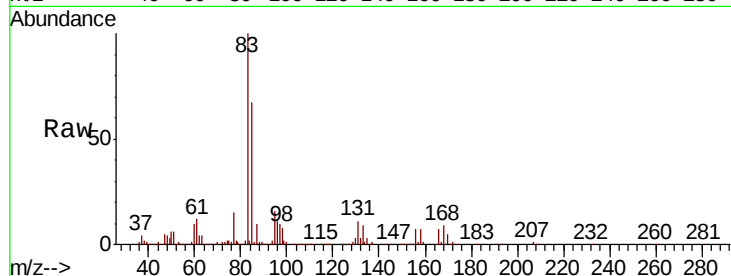
Tot Ion: 83 Resp: 188795

Ion Ratio Lower Upper

83 100

131 11.1 5.3 16.1

85 64.4 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 94.470 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003132.D

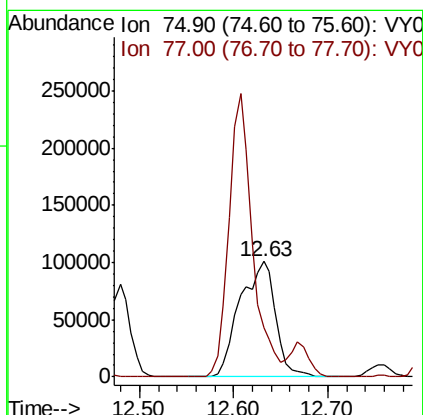
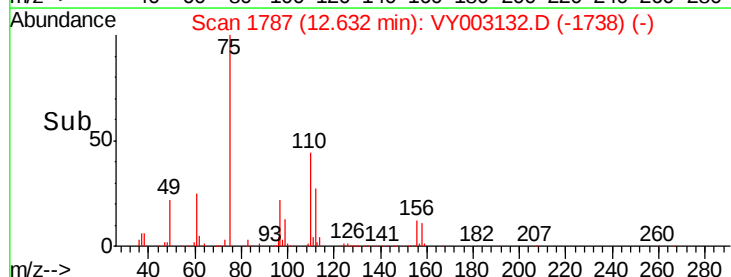
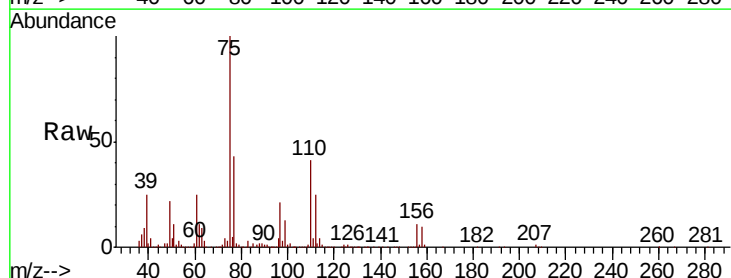
Acq: 07 Jul 2020 17:29

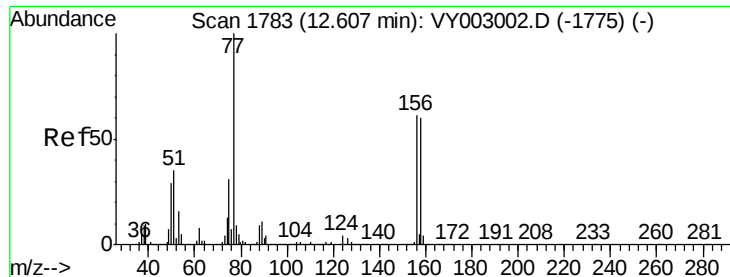
Tgt Ion: 75 Resp: 268445

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.936 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

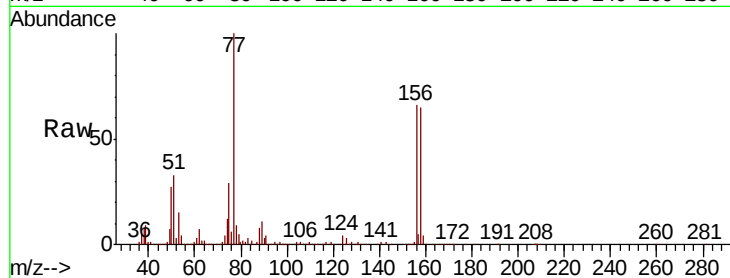
Tot Ion:156 Resp: 255043

Ion Ratio Lower Upper

156 100

77 168.9 90.0 270.0

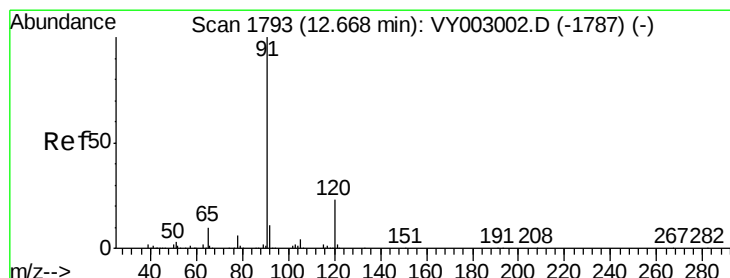
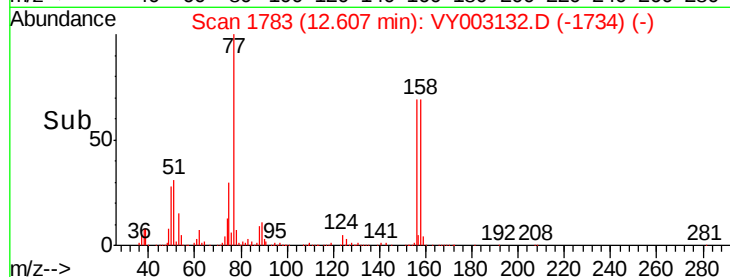
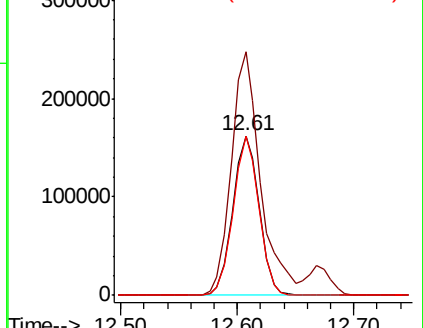
158 97.3 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.761 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003132.D

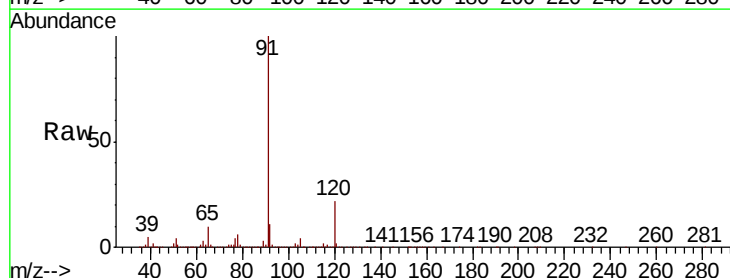
Acq: 07 Jul 2020 17:29

Tgt Ion: 91 Resp: 1147120

Ion Ratio Lower Upper

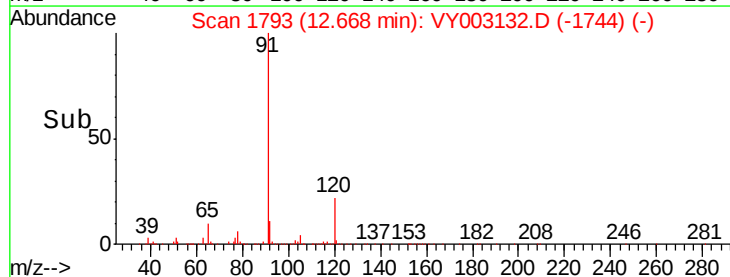
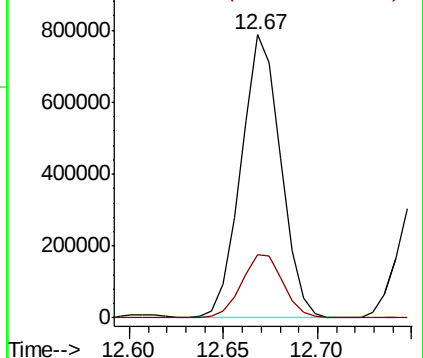
91 100

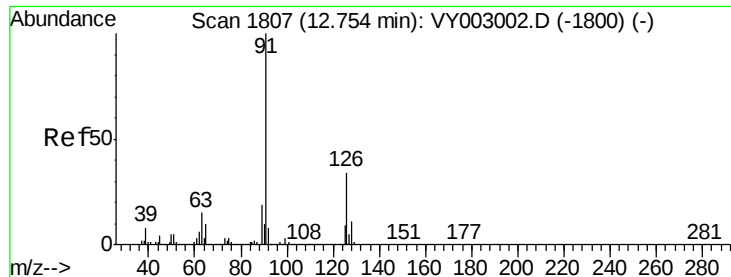
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

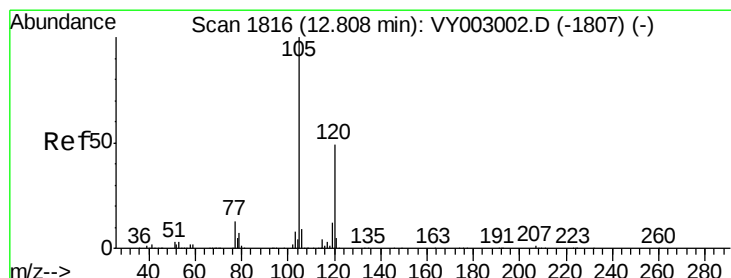
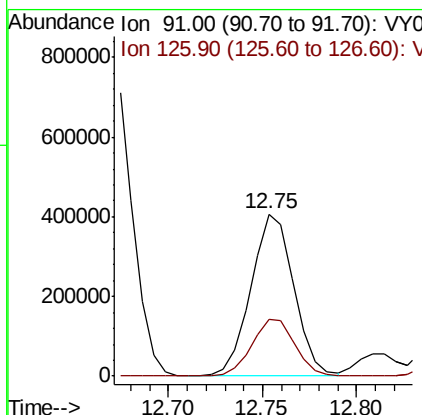
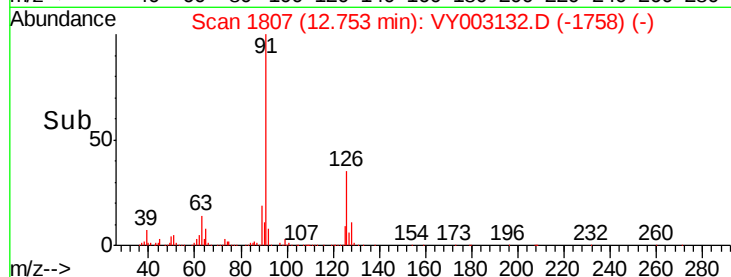
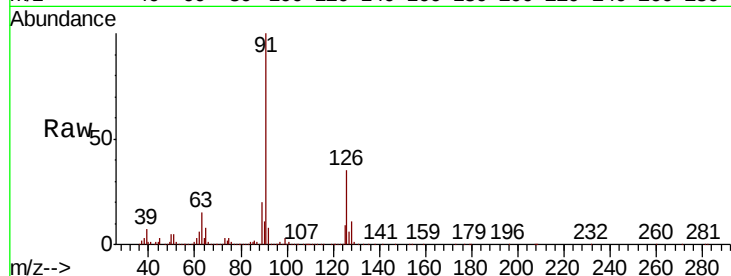




#79
 2-Chlorotoluene
 Concen: 50.867 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

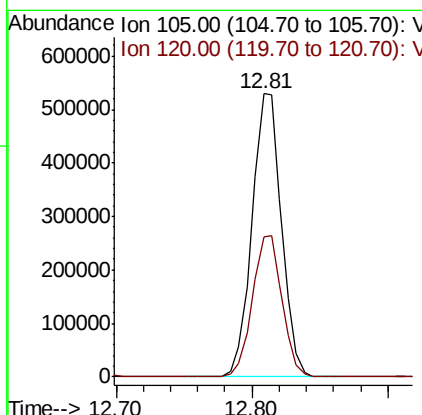
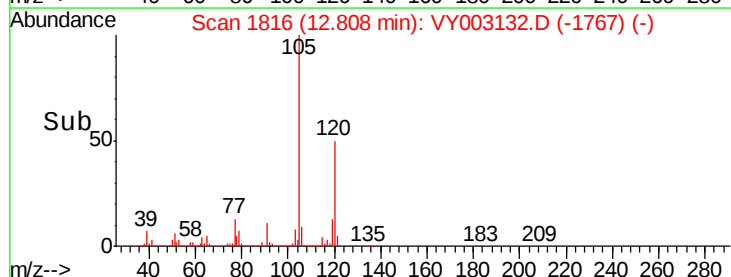
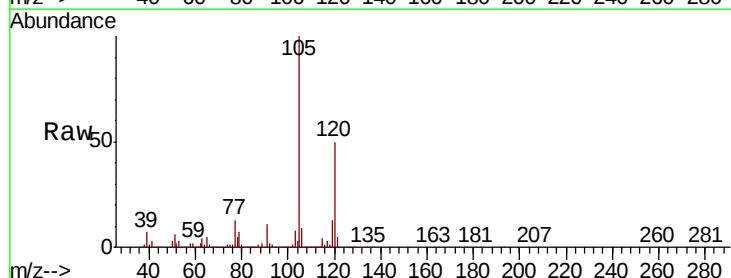
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

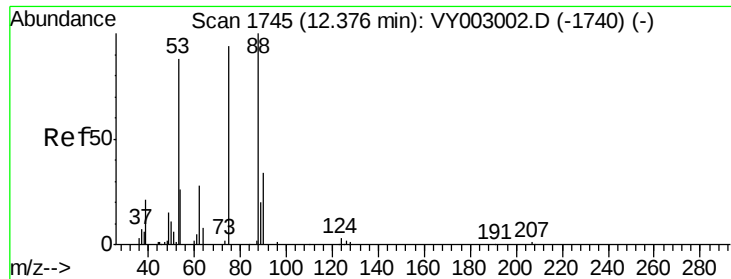
Tot Ion: 91 Resp: 641639
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.038 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Tgt Ion: 105 Resp: 804766
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.710 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

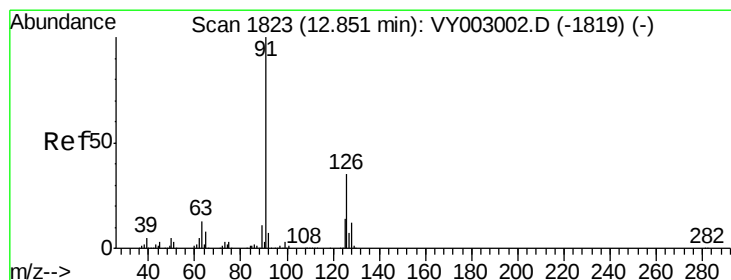
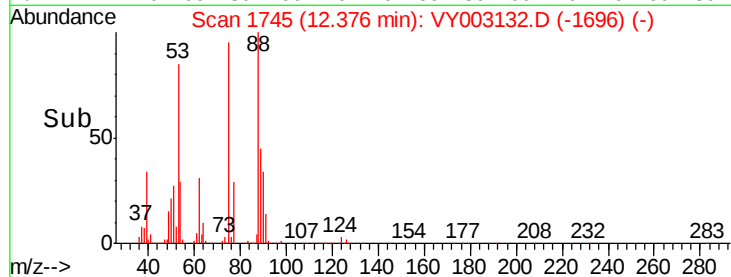
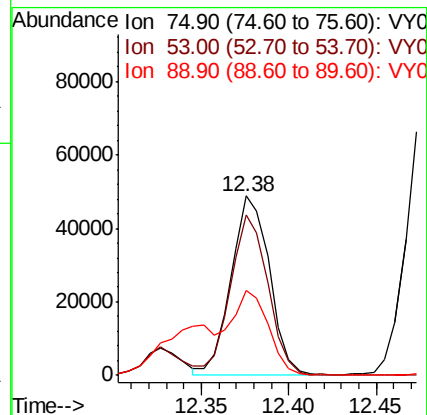
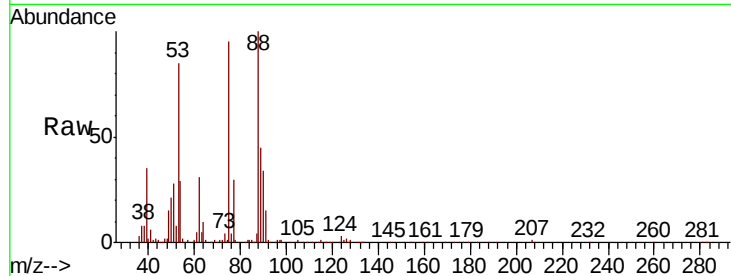
Tot Ion: 75 Resp: 74064

Ion Ratio Lower Upper

75 100

53 88.7 73.9 110.9

89 47.2 37.5 56.3



#82

4-Chlorotoluene

Concen: 50.990 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003132.D

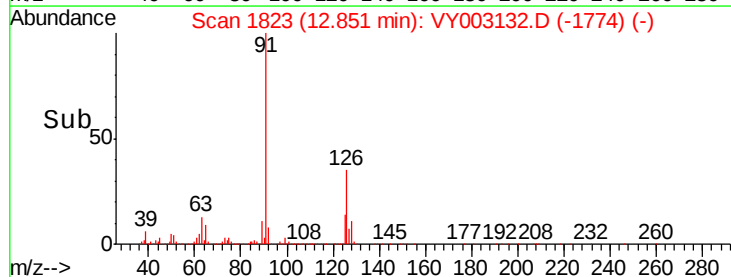
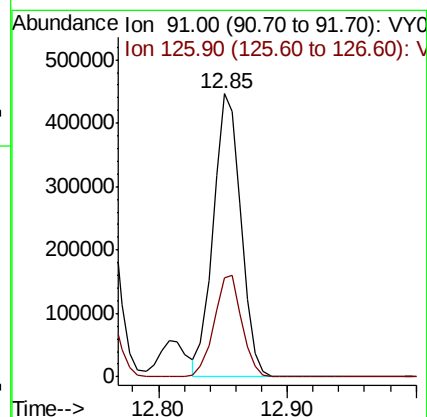
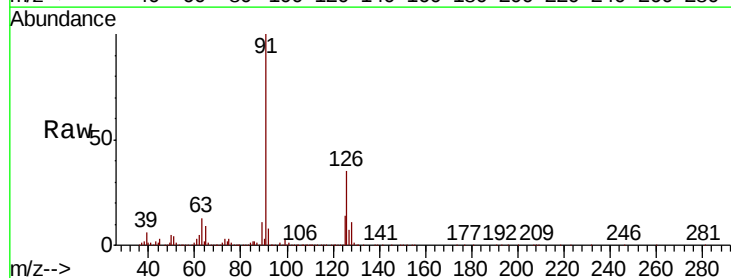
Acq: 07 Jul 2020 17:29

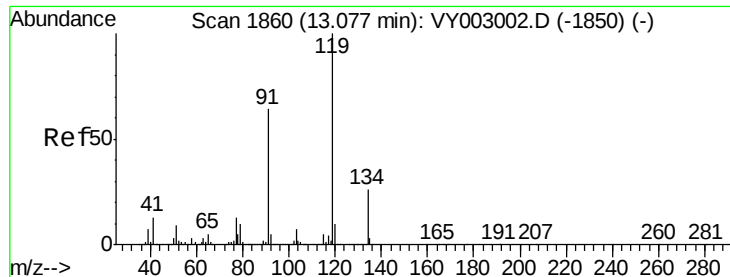
Tgt Ion: 91 Resp: 669660

Ion Ratio Lower Upper

91 100

126 36.0 17.4 52.3





#83

tert-Butylbenzene

Concen: 51.740 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

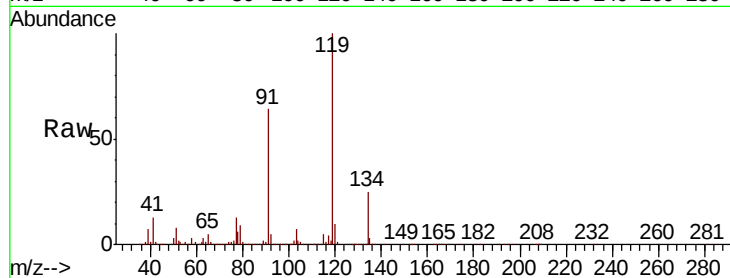
Tot Ion:119 Resp: 716371

Ion Ratio Lower Upper

119 100

91 61.0 31.6 95.0

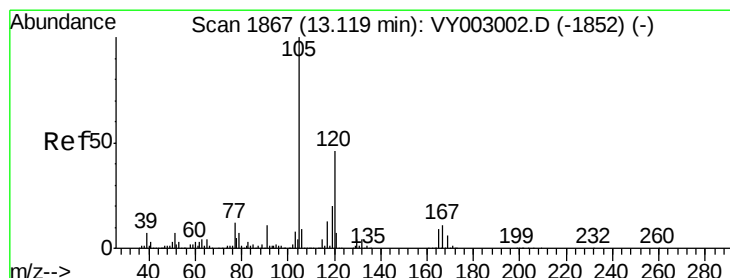
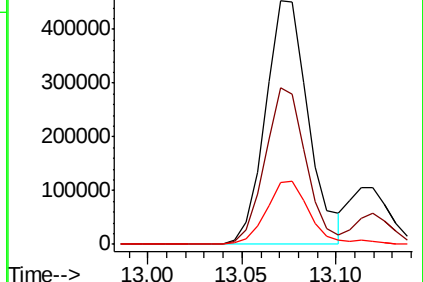
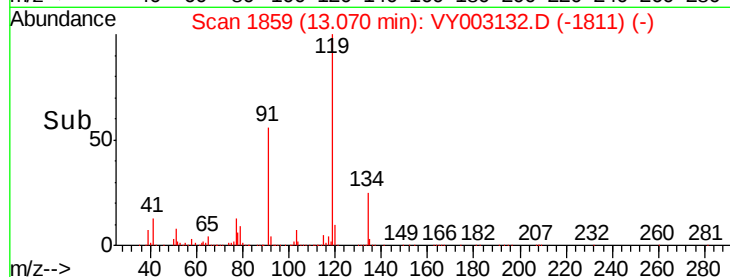
134 26.4 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.270 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003132.D

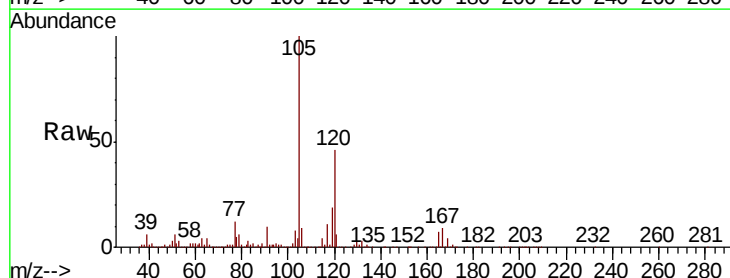
Acq: 07 Jul 2020 17:29

Tgt Ion:105 Resp: 814619

Ion Ratio Lower Upper

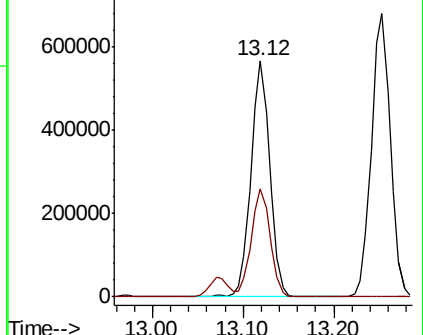
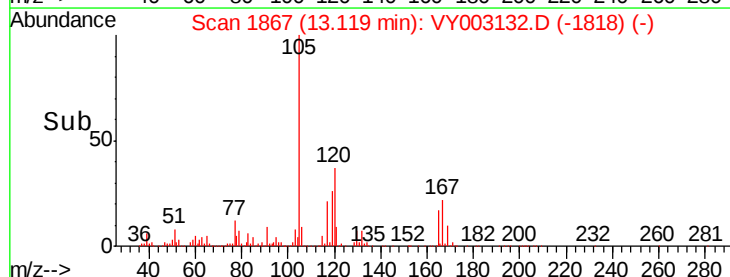
105 100

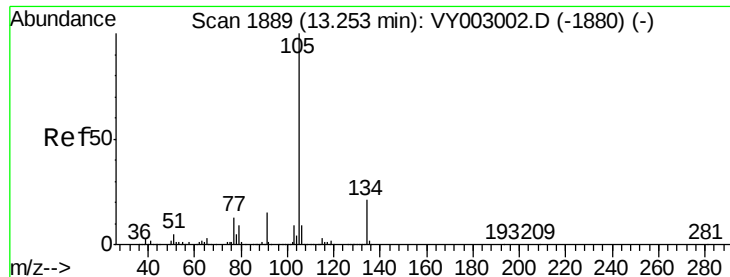
120 45.4 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.423 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :

MSVOA_Y

ClientSampleId :

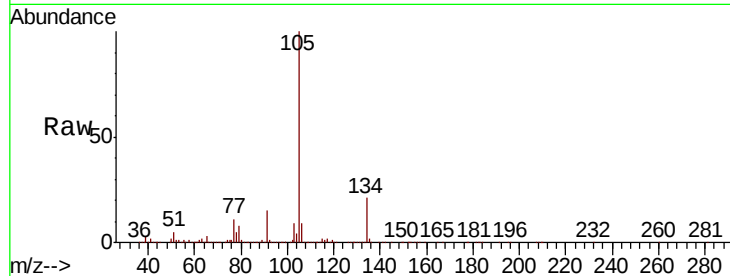
VSTDCCC050EC

Tot Ion:105 Resp: 981351

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

400000

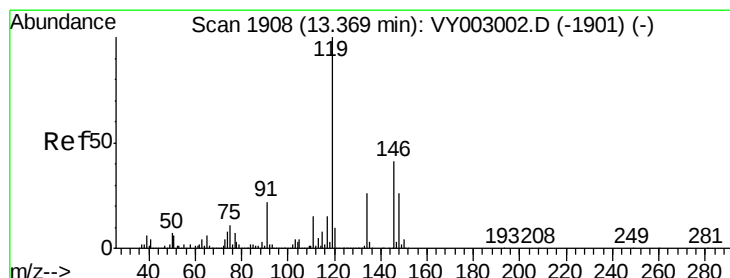
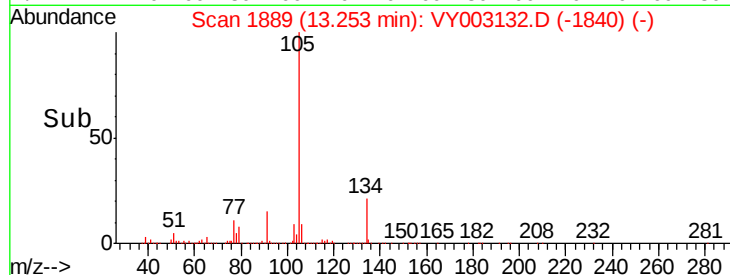
200000

0

13.25

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 51.326 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

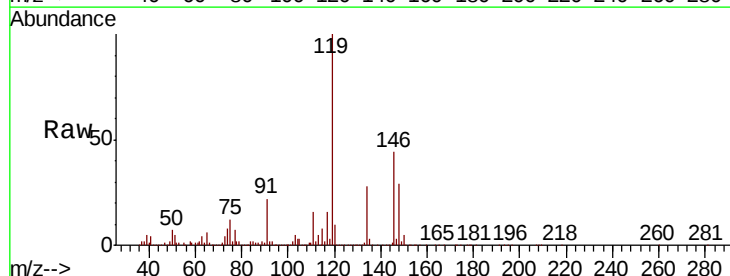
Tgt Ion:119 Resp: 907623

Ion Ratio Lower Upper

119 100

134 27.2 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

800000

600000

400000

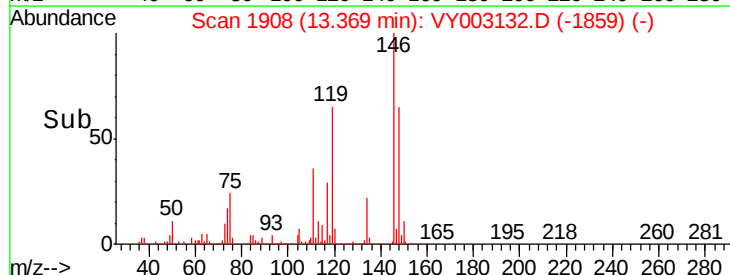
200000

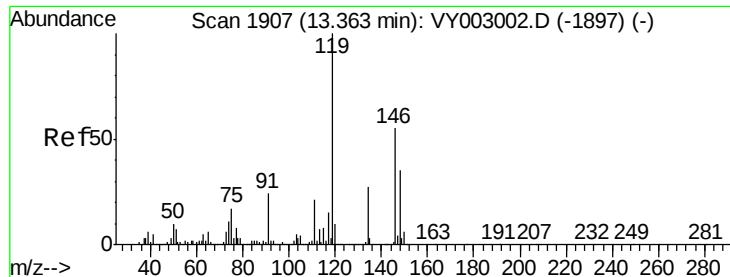
0

13.37

13.30 13.35 13.40

Time-->





#87

1,3-Dichlorobenzene

Concen: 52.102 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

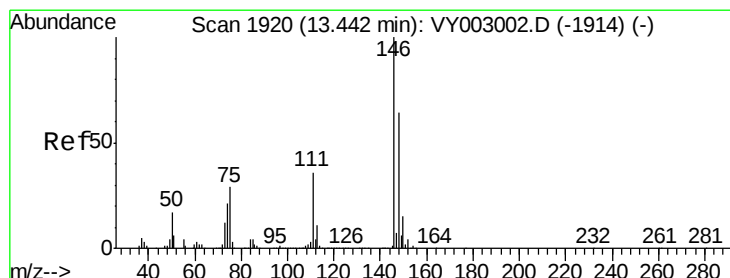
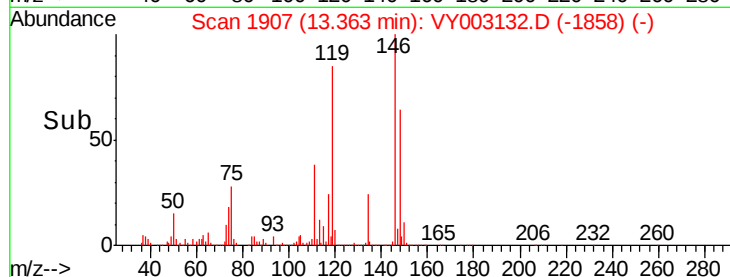
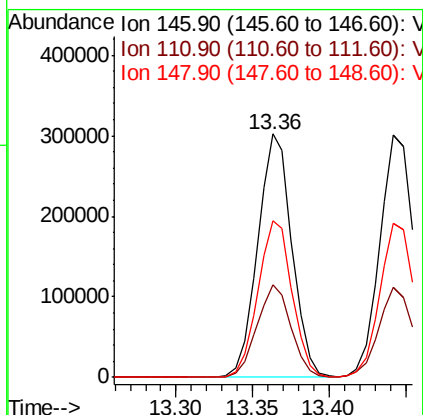
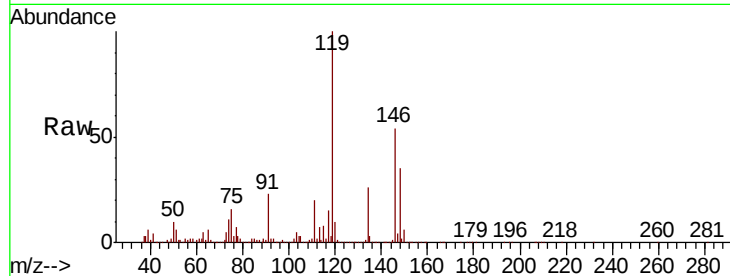
Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 468655

Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.3
148	64.5	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 52.719 ug/l

RT: 13.44 min Scan# 1920

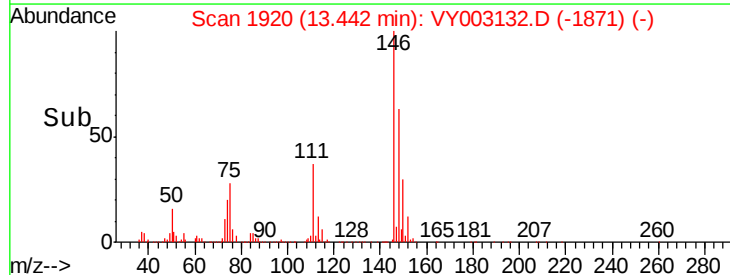
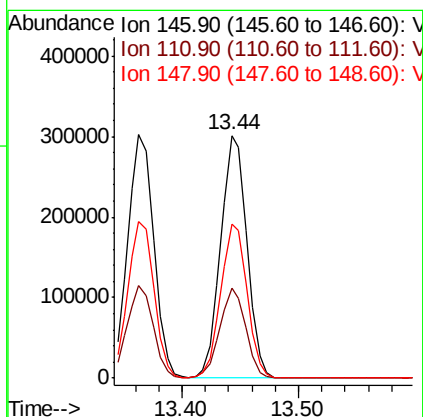
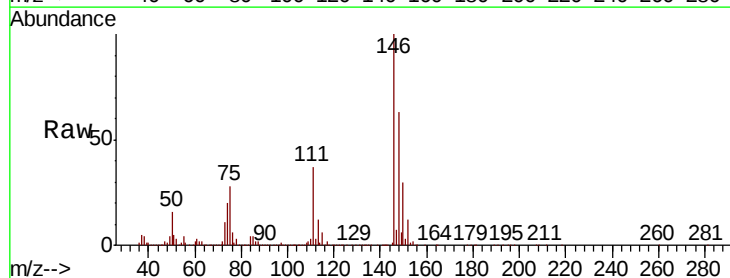
Delta R.T. -0.00 min

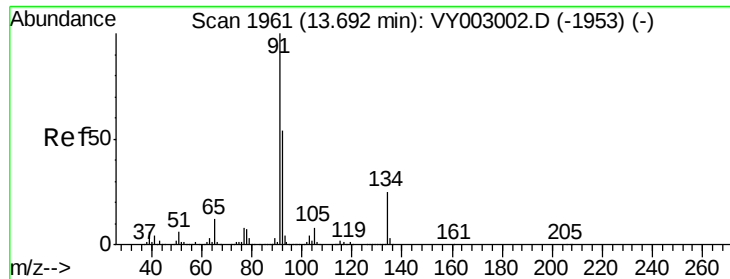
Lab File: VY003132.D

Acq: 07 Jul 2020 17:29

Tgt Ion:146 Resp: 467596

Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.4
148	64.0	32.3	96.9

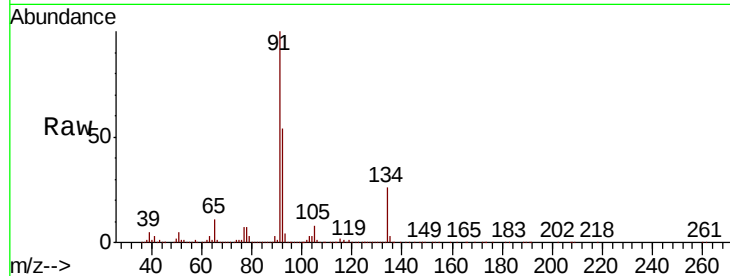




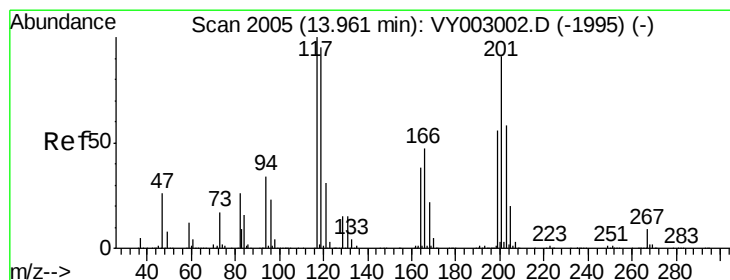
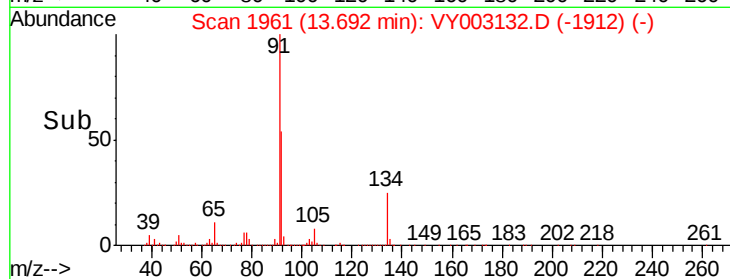
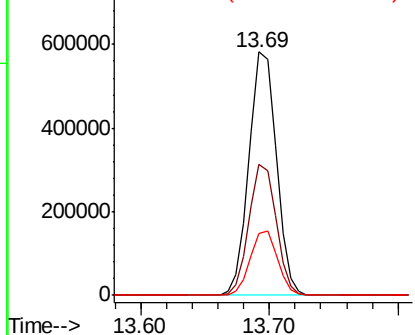
#89
n-Butylbenzene
Concen: 50.478 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 854058
Ion Ratio Lower Upper
91 100
92 53.5 26.8 80.3
134 26.6 13.1 39.1

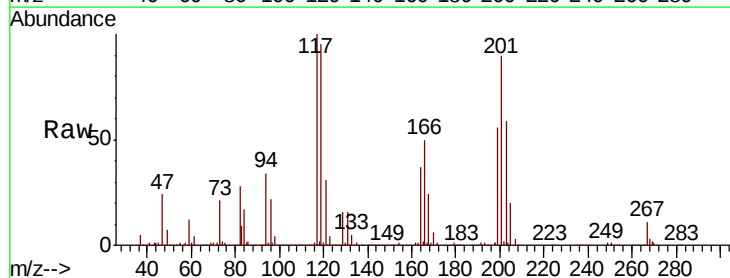


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 92.00 (91.70 to 92.70): VY0
Ion 134.00 (133.70 to 134.70): V

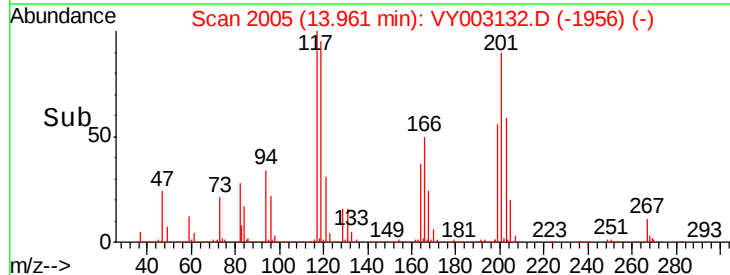
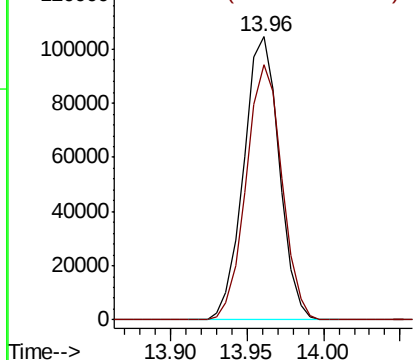


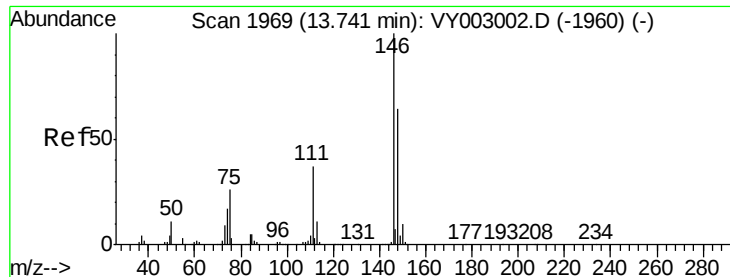
#90
Hexachloroethane
Concen: 48.131 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion: 117 Resp: 169008
Ion Ratio Lower Upper
117 100
201 90.6 45.5 136.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

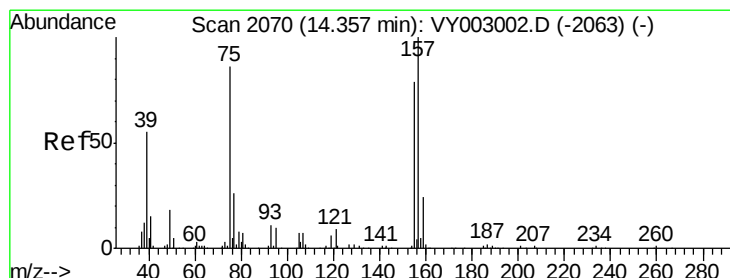
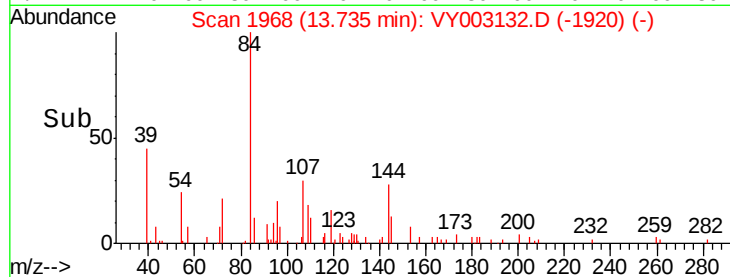
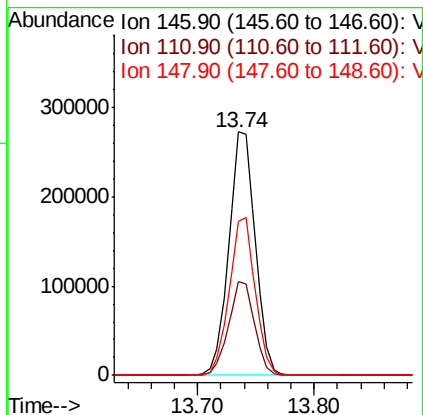
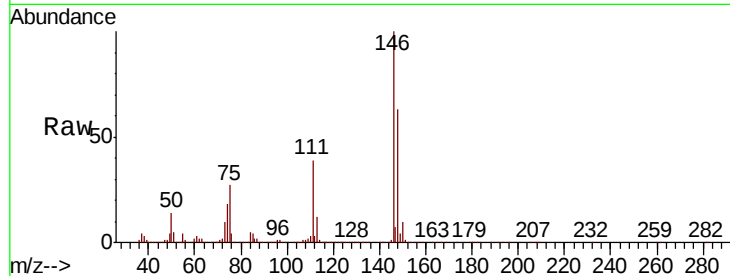




#91
 1,2-Dichlorobenzene
 Concen: 53.136 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

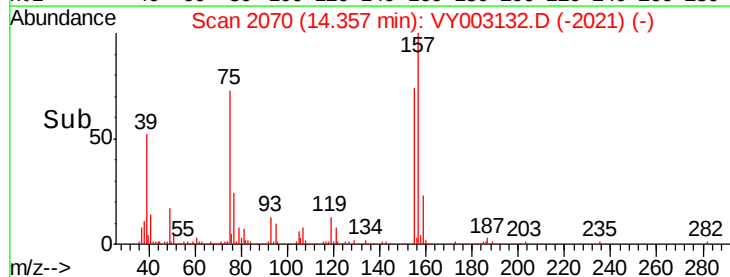
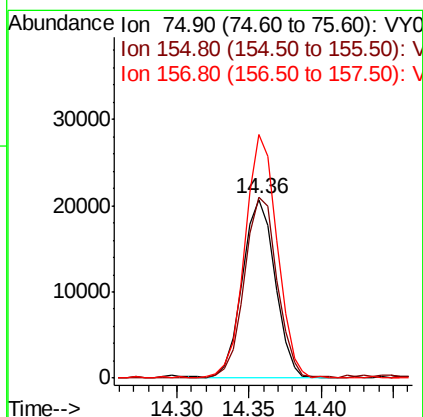
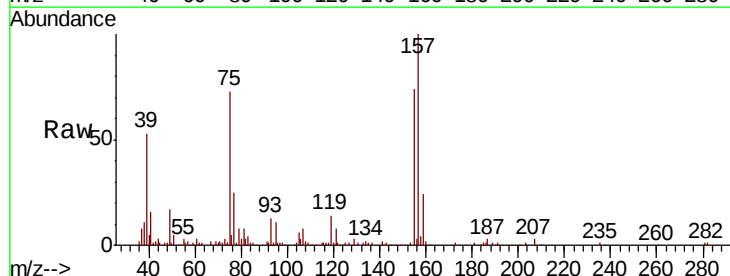
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

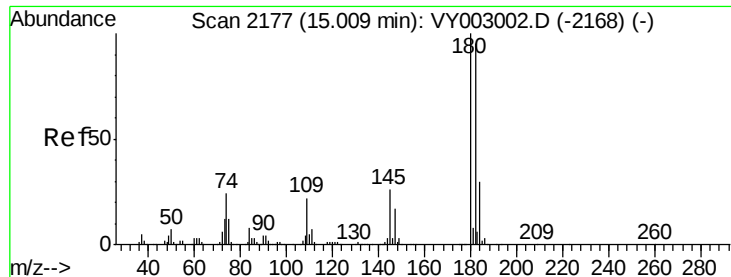
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.5
148	63.8	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.820 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.9	46.5	139.3
157	133.9	59.2	177.5

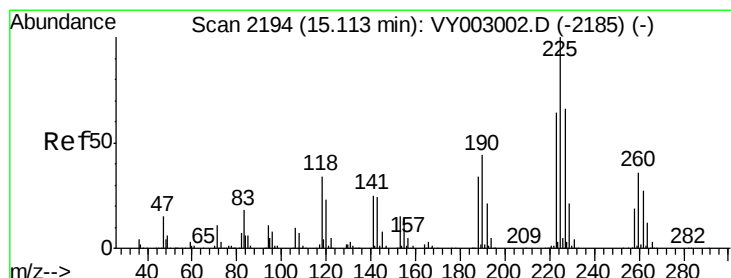
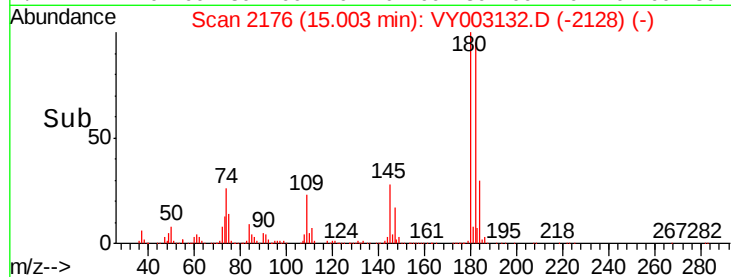
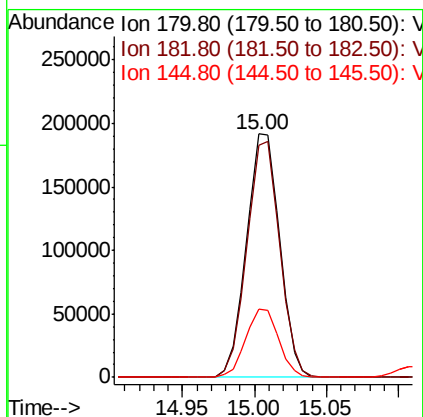
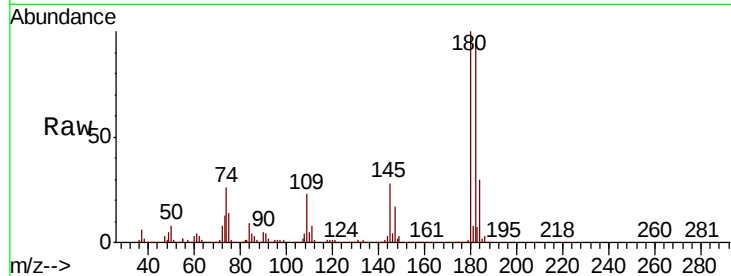




#93
 1,2,4-Trichlorobenzene
 Concen: 50.859 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

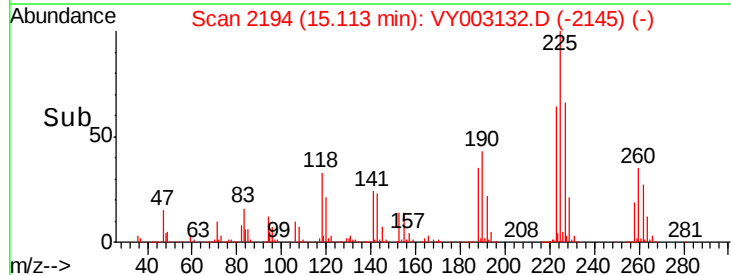
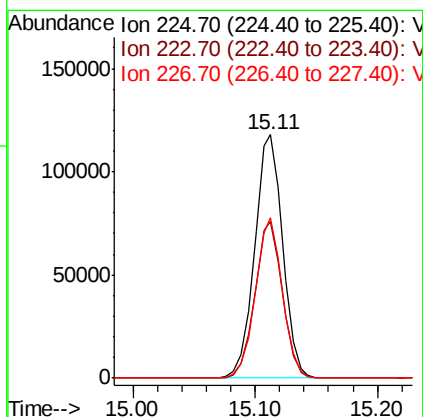
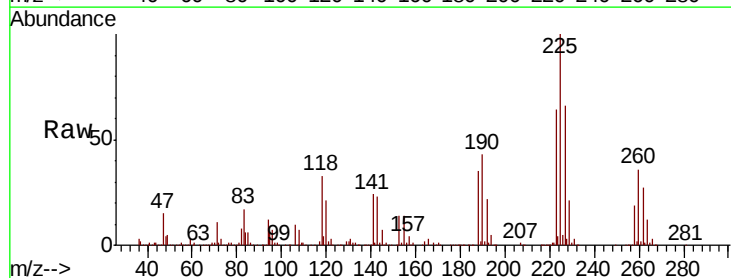
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

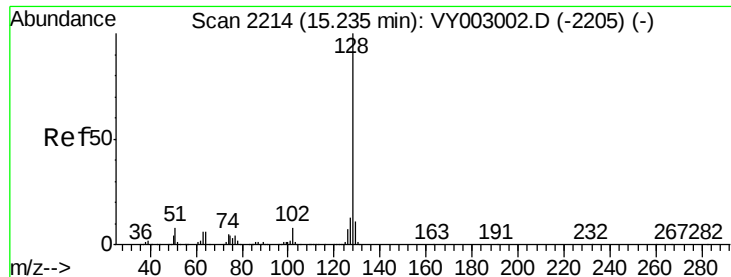
Tot Ion:180 Resp: 304990
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.1 144.3
 145 28.0 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 49.596 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003132.D
 Acq: 07 Jul 2020 17:29

Tgt Ion:225 Resp: 187600
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.4 97.0
 227 63.7 32.4 97.2

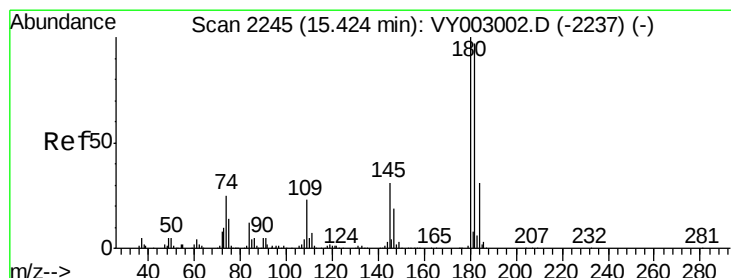
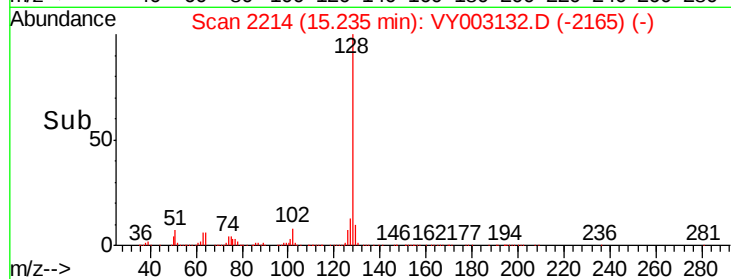
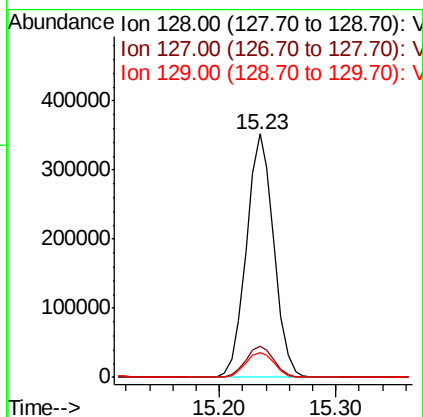
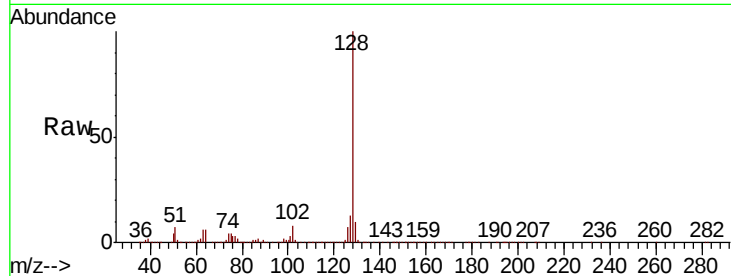




#95
Naphthalene
Concen: 52.429 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 574266
Ion Ratio Lower Upper
128 100
127 13.2 10.8 16.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.159 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003132.D
Acq: 07 Jul 2020 17:29

Tgt Ion:180 Resp: 261190
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.3
145 28.9 14.7 44.1

