

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003228.D
 Acq On : 20 Jul 2020 12:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 21 03:15:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	436486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	636207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	580034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	306770	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	183601	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
35) Dibromofluoromethane	7.72	113	172488	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	
50) Toluene-d8	10.18	98	639564	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	
62) 4-Bromofluorobenzene	12.48	95	232303	47.24	ug/l	0.00
Spiked Amount			Recovery	=	94.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	142218	45.460	ug/l	98
3) Chloromethane	2.12	50	216339	49.855	ug/l	98
4) Vinyl Chloride	2.26	62	219250	49.244	ug/l	98
5) Bromomethane	2.65	94	157940	47.759	ug/l	98
6) Chloroethane	2.80	64	142855	48.851	ug/l	97
7) Trichlorofluoromethane	3.13	101	316107	49.716	ug/l	98
8) Diethyl Ether	3.53	74	103941	48.784	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.90	101	189687	49.396	ug/l	98
10) Methyl Iodide	4.10	142	199774	47.884	ug/l	98
11) Tert butyl alcohol	4.96	59	90151	226.301	ug/l	100
12) 1,1-Dichloroethene	3.88	96	181600	49.998	ug/l	95
13) Acrolein	3.74	56	79439	229.744	ug/l	97
14) Allyl chloride	4.49	41	320601	59.486	ug/l	94
15) Acrylonitrile	5.17	53	266042	259.940	ug/l	98
16) Acetone	3.95	43	242269	294.403	ug/l	100
17) Carbon Disulfide	4.20	76	566598	50.837	ug/l	99
18) Methyl Acetate	4.48	43	125425	54.882	ug/l	93
19) Methyl tert-butyl Ether	5.22	73	512852	50.385	ug/l	99
20) Methylene Chloride	4.72	84	216740	52.637	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	205850	50.108	ug/l	90
22) Diisopropyl ether	6.12	45	676771	56.580	ug/l	98
23) Vinyl Acetate	6.07	43	2217152	278.100	ug/l	97
24) 1,1-Dichloroethane	6.02	63	368481	53.174	ug/l	98
25) 2-Butanone	6.99	43	370155	273.955	ug/l	97
26) 2,2-Dichloropropane	6.99	77	338067	54.171	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	226814	50.145	ug/l	94
28) Bromochloromethane	7.34	49	163892	54.626	ug/l	93
29) Tetrahydrofuran	7.35	42	241476	266.036	ug/l	94
30) Chloroform	7.51	83	368306	51.603	ug/l	99
31) Cyclohexane	7.78	56	345890	51.618	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	334060	51.991	ug/l	100
36) 1,1-Dichloropropene	7.92	75	296295	51.385	ug/l	99
37) Ethyl Acetate	7.08	43	164523	52.982	ug/l	98
38) Carbon Tetrachloride	7.91	117	304822	51.207	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	361492	49.905	ug/l	94
40) Benzene	8.16	78	812696	51.187	ug/l	96
41) Methacrylonitrile	7.35	41	227576	121.686	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	249386	51.021	ug/l	99
43) Isopropyl Acetate	8.27	43	314077	52.254	ug/l	98
44) Trichloroethene	8.94	130	232088	47.685	ug/l	97
45) 1,2-Dichloropropane	9.22	63	216984	52.817	ug/l	99
46) Dibromomethane	9.31	93	118609	49.431	ug/l	98
47) Bromodichloromethane	9.50	83	293970	51.513	ug/l	98
48) Methyl methacrylate	9.29	41	143795	53.513	ug/l	93
49) 1,4-Dioxane	9.30	88	31532	1035.424	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	821438	262.933	ug/l	97
52) Toluene	10.24	92	508879	50.146	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	307350	51.981	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	351713	51.627	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	165041	48.540	ug/l	97
56) Ethyl methacrylate	10.51	69	238919	51.685	ug/l	96
57) 1,3-Dichloropropane	10.79	76	289020	50.132	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	621998	263.834	ug/l	97
59) 2-Hexanone	10.83	43	576896	264.526	ug/l	97
60) Dibromochloromethane	10.99	129	211862	49.540	ug/l	99
61) 1,2-Dibromoethane	11.09	107	159688	47.585	ug/l	100
64) Tetrachloroethene	10.72	164	235642	45.563	ug/l	96
65) Chlorobenzene	11.52	112	557753	49.915	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	218442	50.333	ug/l	99
67) Ethyl Benzene	11.59	91	1022043	51.227	ug/l	99
68) m/p-Xylenes	11.70	106	766159	101.209	ug/l	98
69) o-Xylene	12.03	106	358044	50.628	ug/l	98
70) Styrene	12.04	104	618666	51.138	ug/l	98
71) Bromoform	12.20	173	136843	48.042	ug/l #	98
73) Isopropylbenzene	12.33	105	991878	50.737	ug/l	99
74) N-amyl acetate	12.14	43	295070	53.793	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	189854	50.283	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	260639	95.984	ug/l #	100
77) Bromobenzene	12.61	156	246195	49.405	ug/l	97
78) n-propylbenzene	12.67	91	1198835	52.024	ug/l	99
79) 2-Chlorotoluene	12.75	91	662675	51.542	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	830447	50.968	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	71517	51.257	ug/l	97
82) 4-Chlorotoluene	12.85	91	694176	51.728	ug/l	98
83) tert-Butylbenzene	13.08	119	740313	51.493	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	839328	51.197	ug/l	99
85) sec-Butylbenzene	13.25	105	1026365	51.941	ug/l	99
86) p-Isopropyltoluene	13.37	119	951785	51.587	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	476403	50.555	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	464819	49.821	ug/l	100
89) n-Butylbenzene	13.69	91	920627	53.048	ug/l	99
90) Hexachloroethane	13.96	117	180466	53.711	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	410580	49.648	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	28488	46.540	ug/l	100

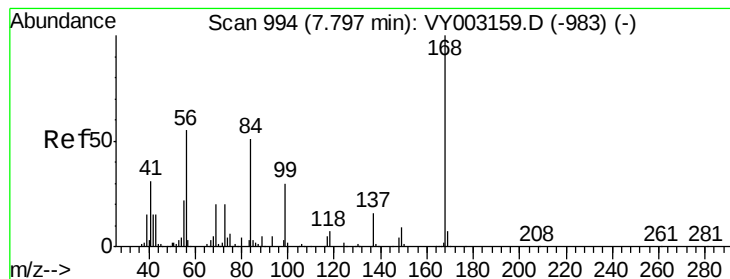
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	292039	49.640	ug/l	99
94) Hexachlorobutadiene	15.11	225	201978	50.103	ug/l	99
95) Naphthalene	15.23	128	475727	48.929	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	231956	49.877	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

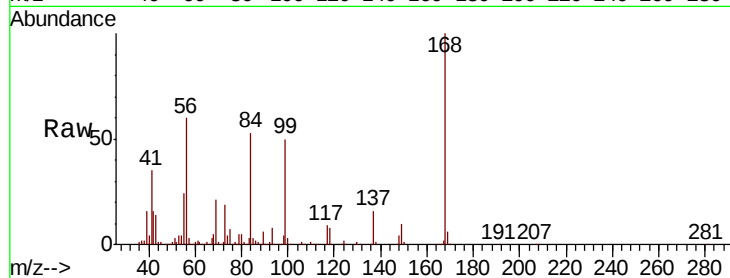
VSTDCCC050

Tot Ion:168 Resp: 436486

Ion Ratio Lower Upper

168 100

99 49.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

200000

150000

100000

50000

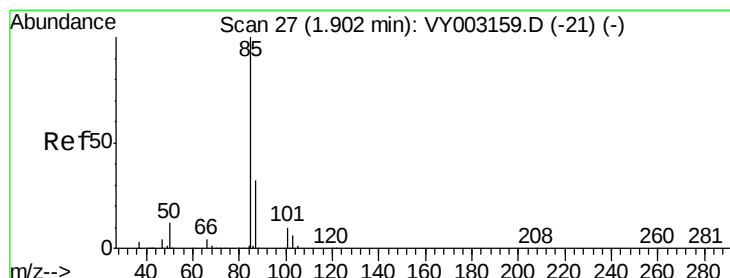
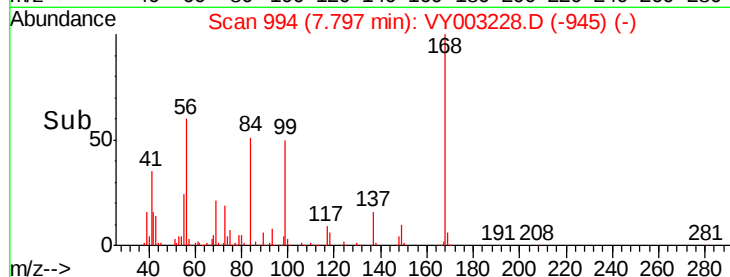
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.460 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003228.D

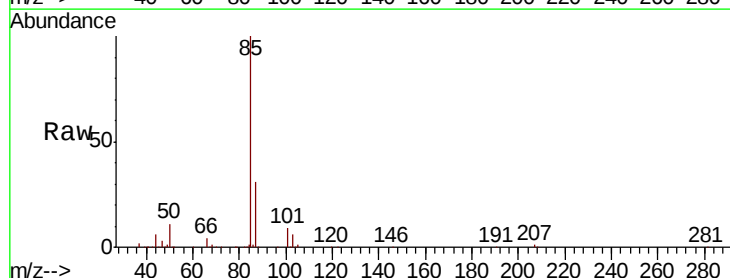
Acq: 20 Jul 2020 12:54

Tgt Ion: 85 Resp: 142218

Ion Ratio Lower Upper

85 100

87 30.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003159.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003159.D (-21) (-)

1.91

100000

80000

60000

40000

20000

0

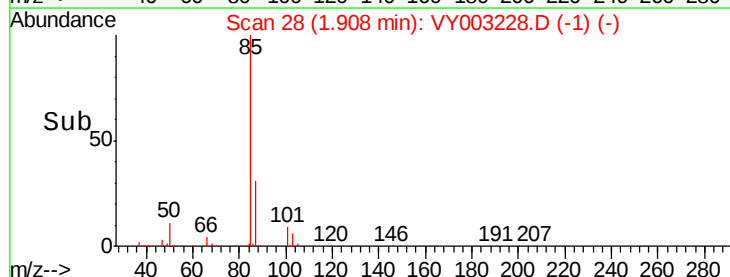
1.80

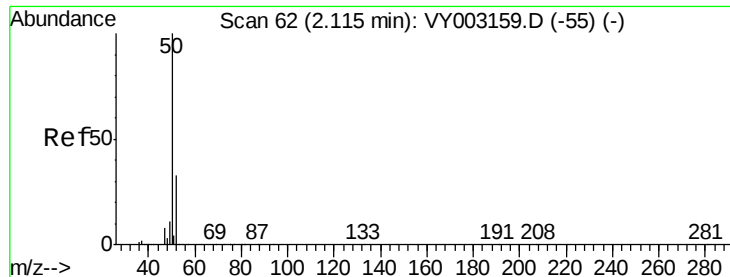
1.90

2.00

2.10

Time-->

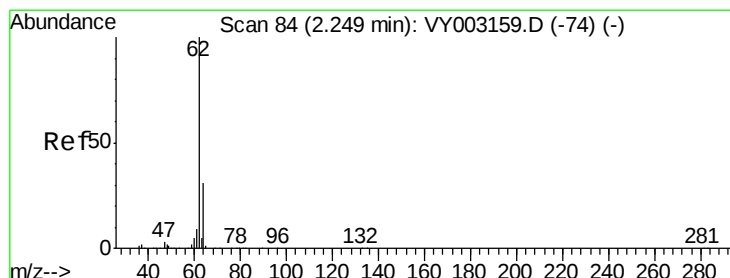
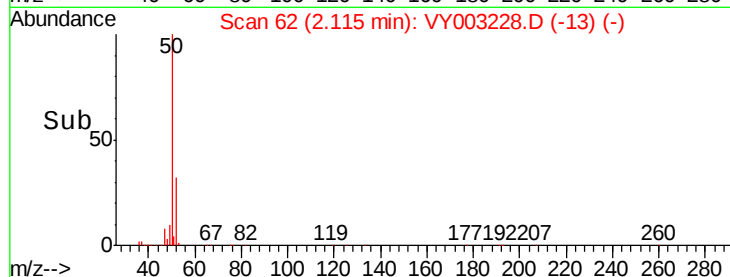
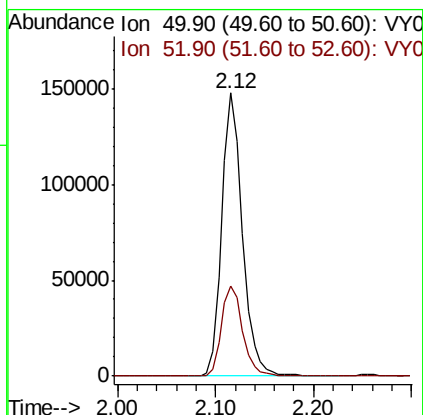
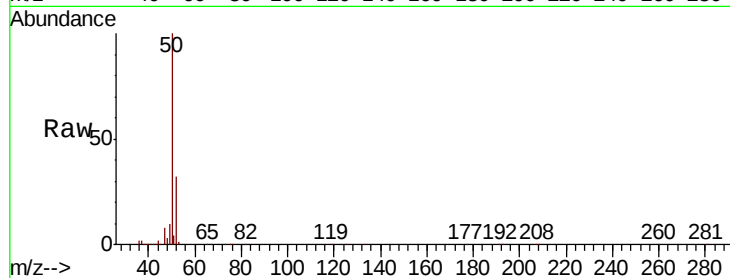




#3
Chloromethane
Concen: 49.855 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

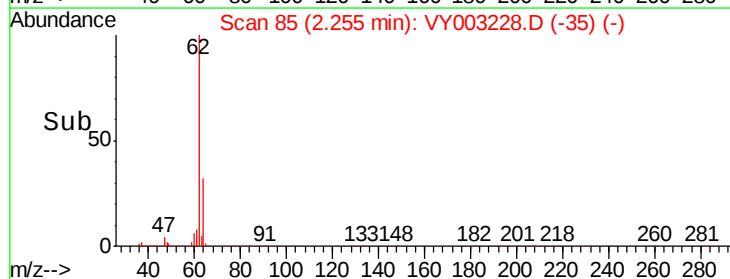
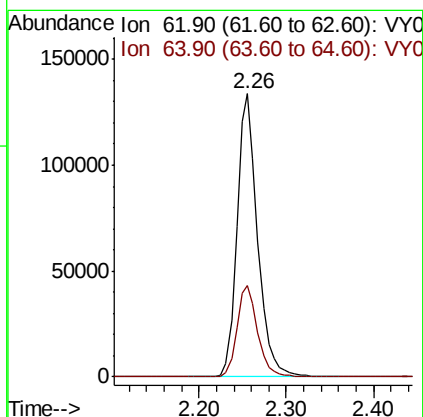
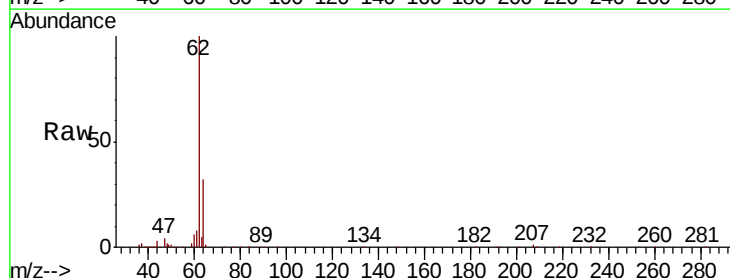
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

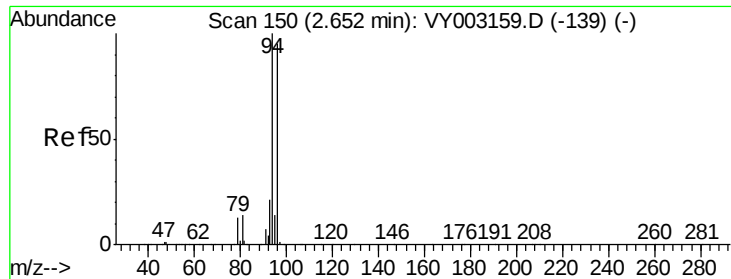
Tot Ion: 50 Resp: 216339
Ion Ratio Lower Upper
50 100
52 32.0 26.6 39.8



#4
Vinyl Chloride
Concen: 49.244 ug/l
RT: 2.26 min Scan# 85
Delta R.T. 0.01 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion: 62 Resp: 219250
Ion Ratio Lower Upper
62 100
64 32.1 24.6 37.0





#5

Bromomethane

Concen: 47.759 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

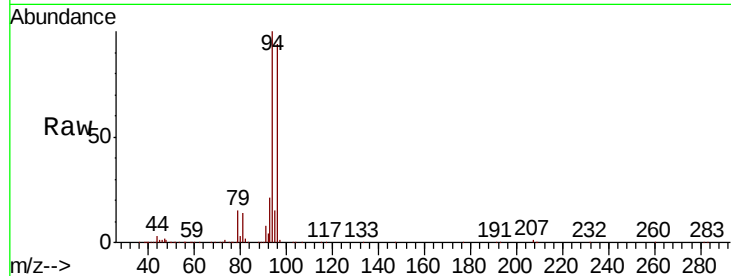
VSTDCCC050

Tot Ion: 94 Resp: 157940

Ion Ratio Lower Upper

94 100

96 93.4 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VY003228.D (-101) (-)

Ion 95.90 (95.60 to 96.60): VY003228.D (-101) (-)

2.65

80000

60000

40000

20000

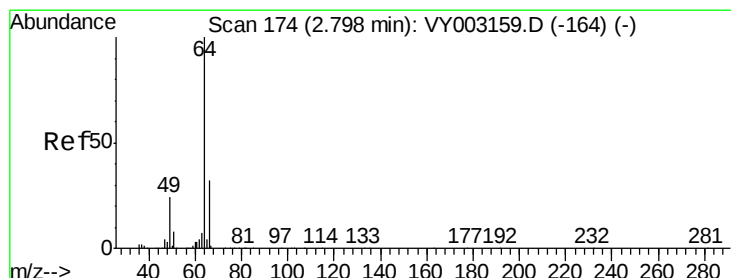
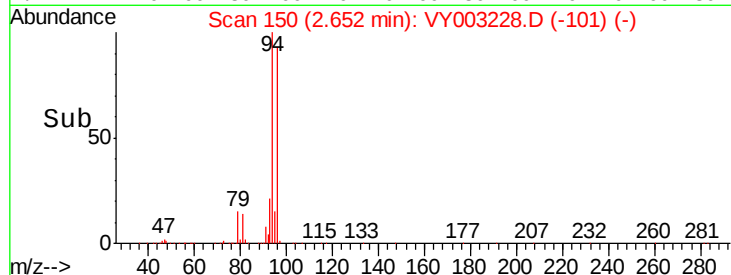
0

Time-->

2.60

2.70

2.80



#6

Chloroethane

Concen: 48.851 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003228.D

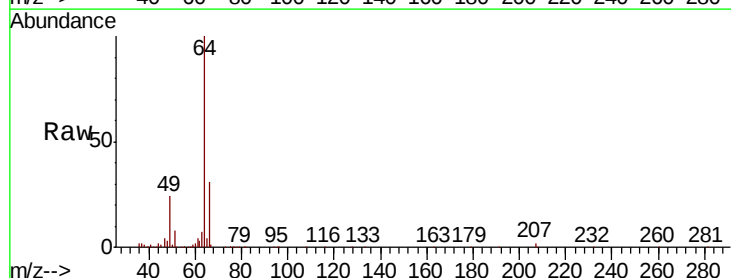
Acq: 20 Jul 2020 12:54

Tgt Ion: 64 Resp: 142855

Ion Ratio Lower Upper

64 100

66 31.1 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY003228.D (-125) (-)

Ion 65.90 (65.60 to 66.60): VY003228.D (-125) (-)

2.80

80000

60000

40000

20000

0

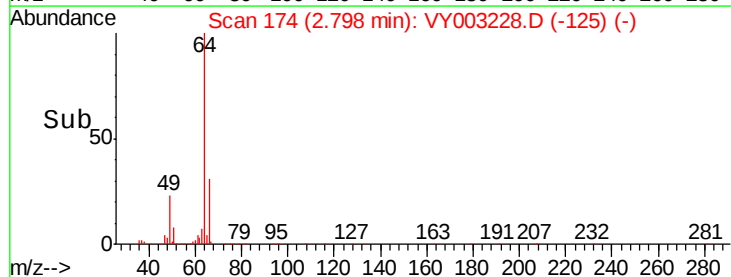
Time-->

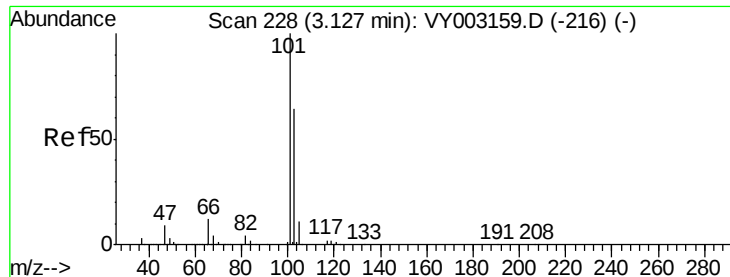
2.70

2.80

2.90

3.00



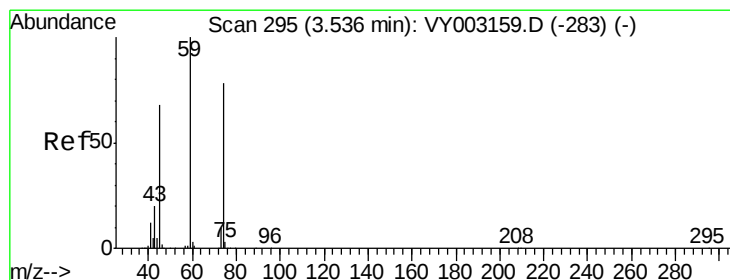
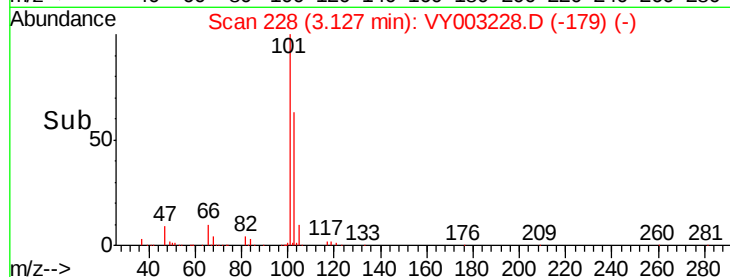
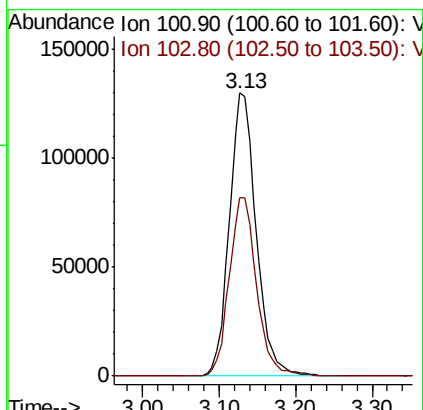
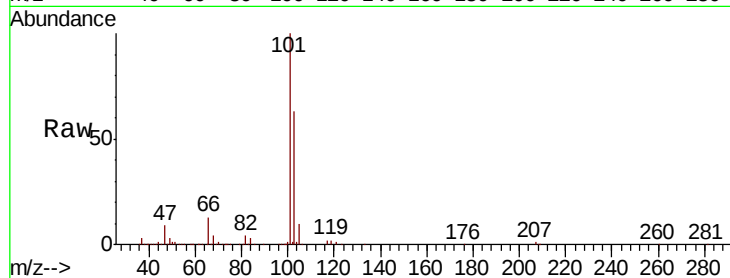


#7

Trichlorofluoromethane
 Concen: 49.716 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Instrument :
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 ClientSampleId :
 VSTDCCC050

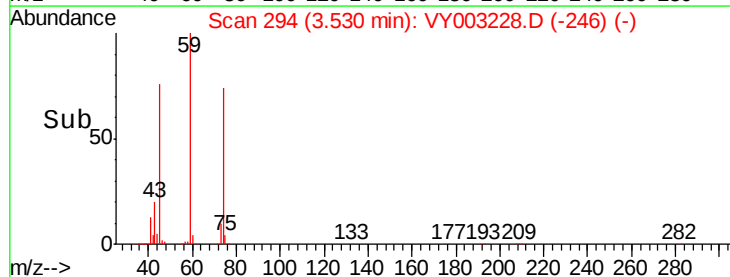
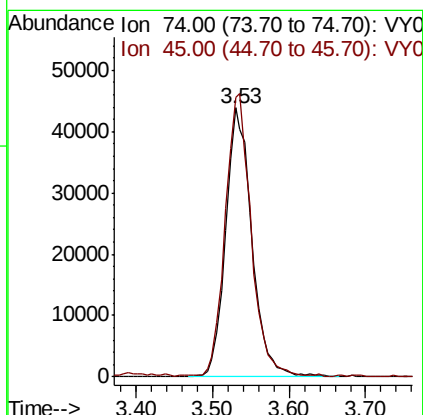
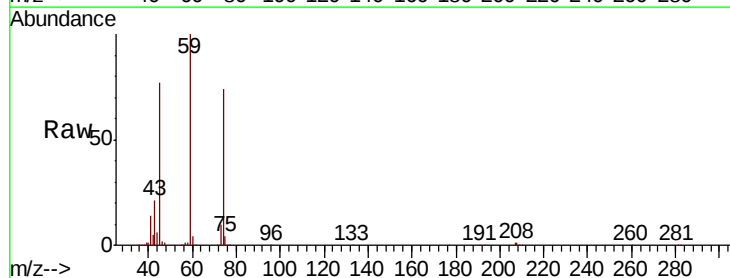
Tot Ion:101 Resp: 316107
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.3 76.9

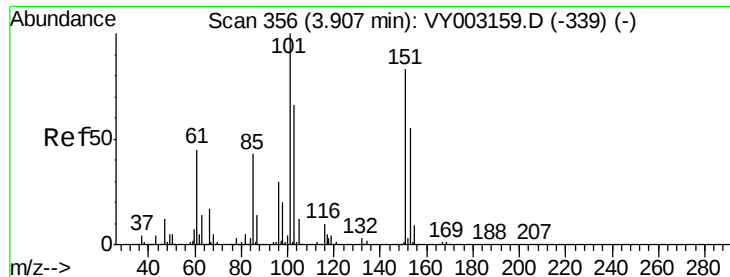


#8

Diethyl Ether
 Concen: 48.784 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Tgt Ion: 74 Resp: 103941
 Ion Ratio Lower Upper
 74 100
 45 102.2 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.396 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

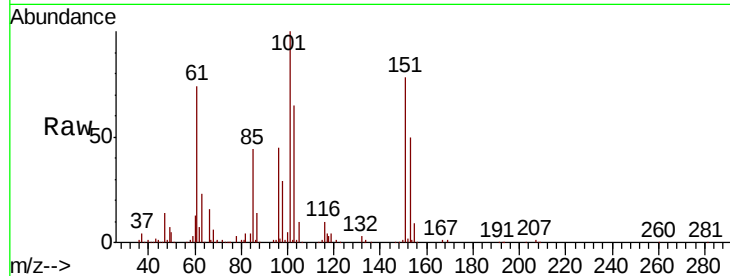
Tot Ion:101 Resp: 189687

Ion Ratio Lower Upper

101 100

85 44.5 34.9 52.3

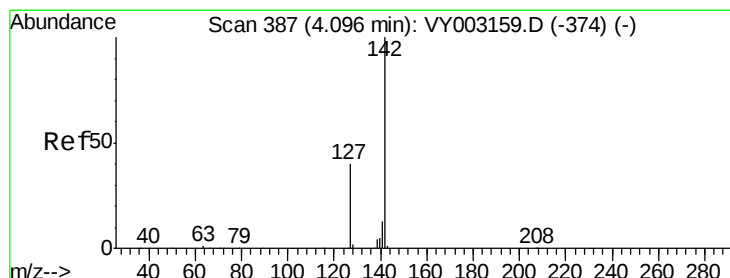
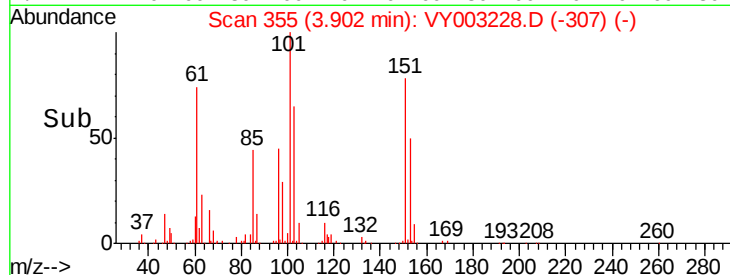
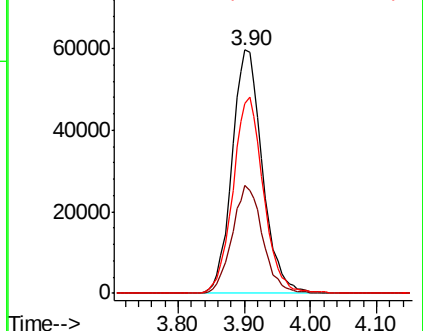
151 81.2 67.0 100.6



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: 47.884 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

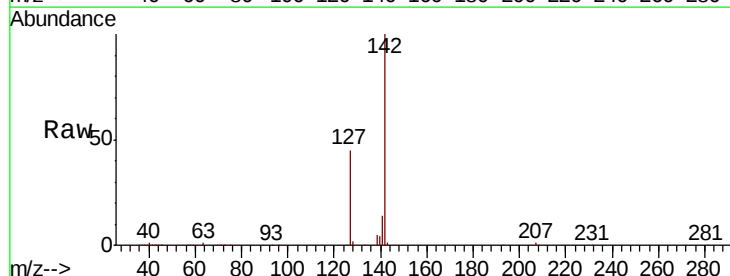
Tgt Ion:142 Resp: 199774

Ion Ratio Lower Upper

142 100

127 43.0 33.5 50.3

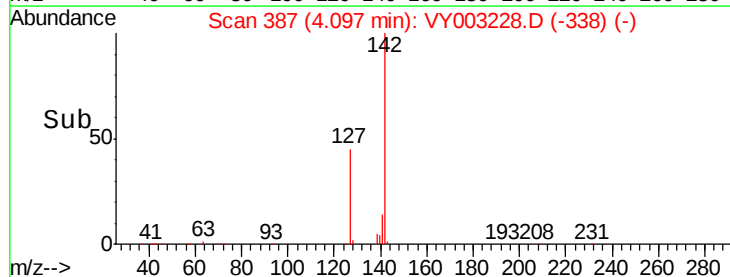
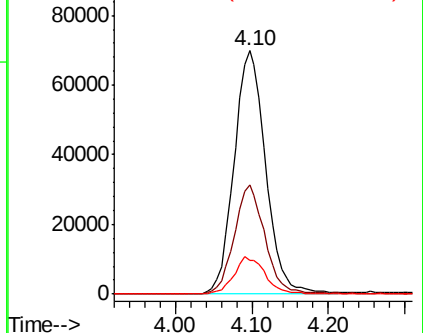
141 14.9 11.2 16.8

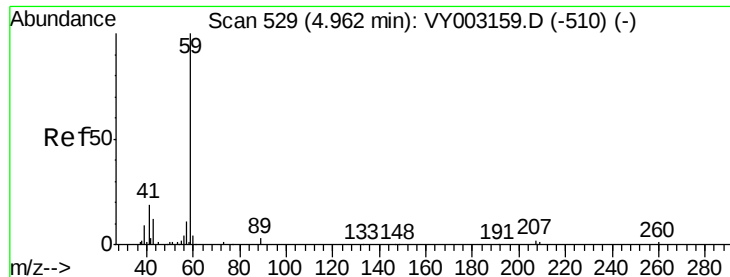


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



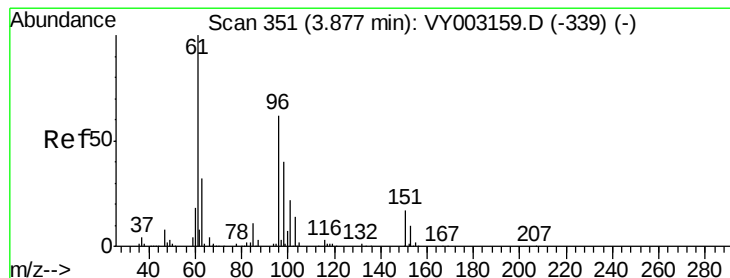
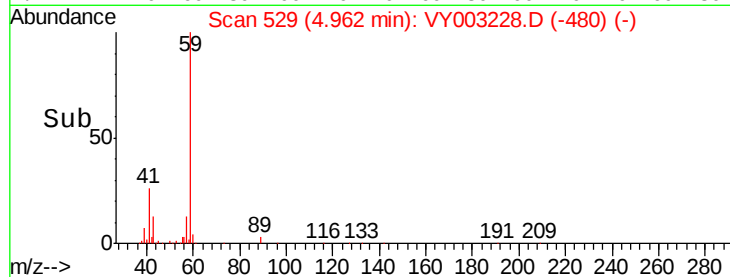
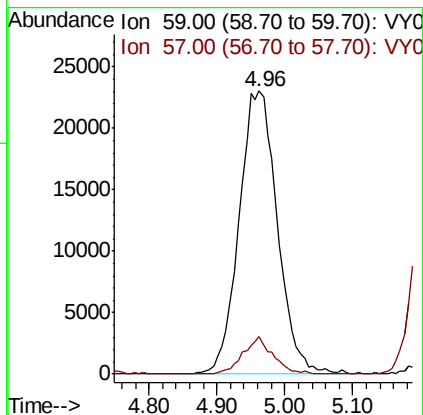
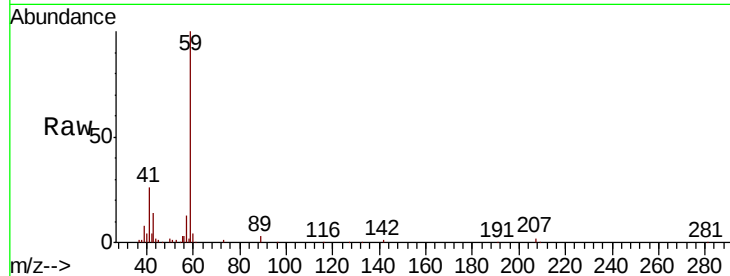


#11

Tert butyl alcohol
 Concen: 226.301 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

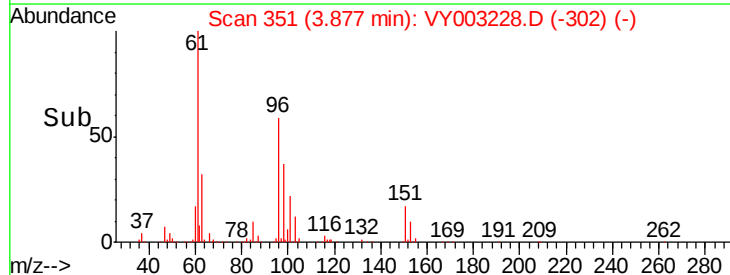
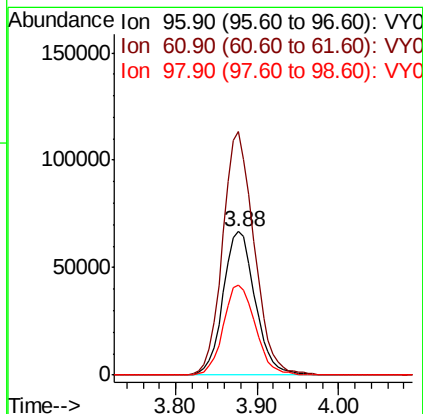
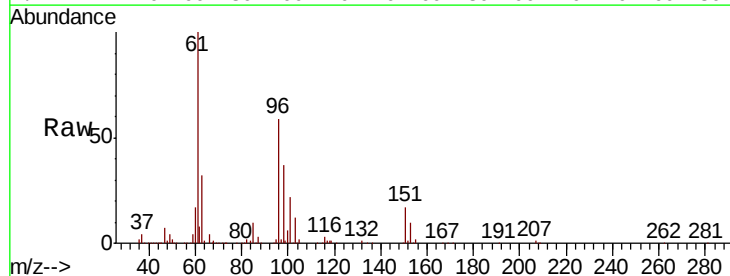
Tot Ion: 59 Resp: 90151
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.4 12.6

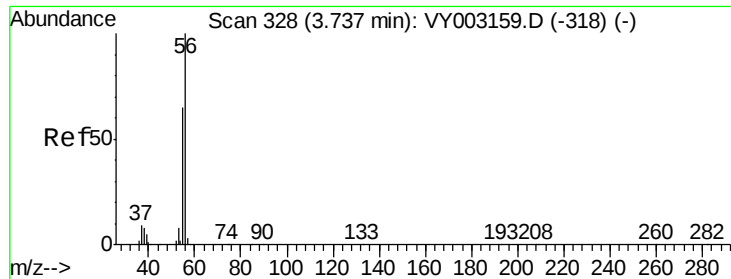


#12

1,1-Dichloroethene
 Concen: 49.998 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Tgt Ion: 96 Resp: 181600
 Ion Ratio Lower Upper
 96 100
 61 169.7 128.6 193.0
 98 62.6 51.6 77.4





#13

Acrolein

Concen: 229.744 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

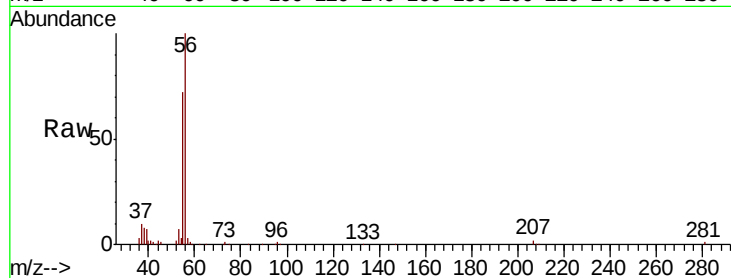
VSTDCCC050

Tot Ion: 56 Resp: 79439

Ion Ratio Lower Upper

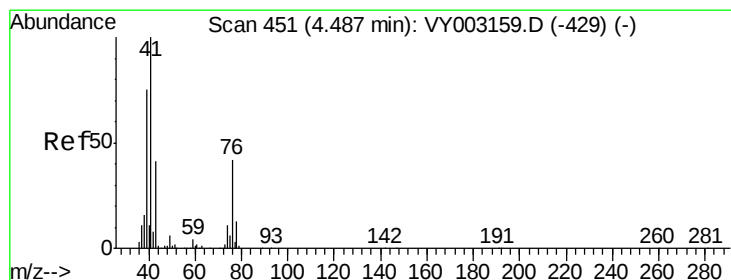
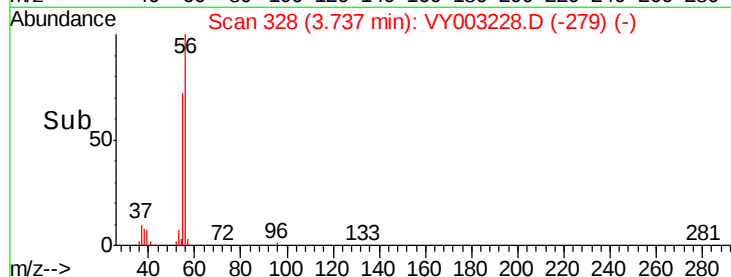
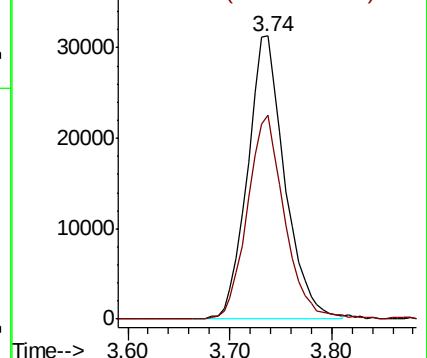
56 100

55 72.2 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 59.486 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

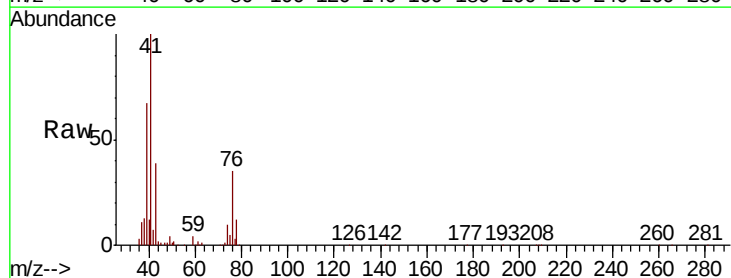
Tgt Ion: 41 Resp: 320601

Ion Ratio Lower Upper

41 100

39 66.7 56.6 85.0

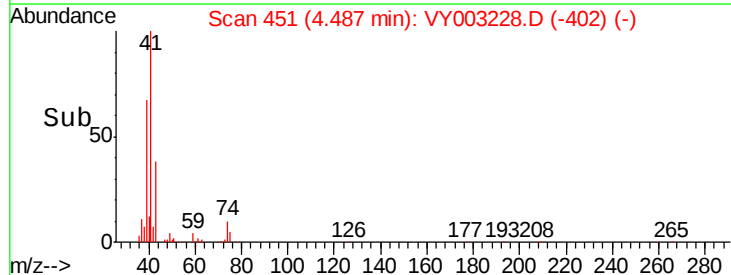
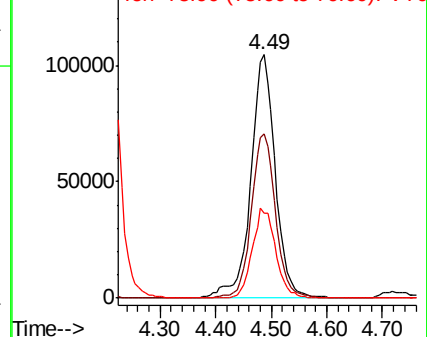
76 35.4 31.6 47.4

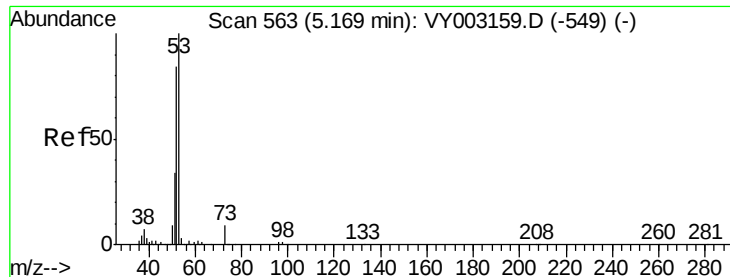


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 259.940 ug/l

RT: 5.17 min Scan# 563

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

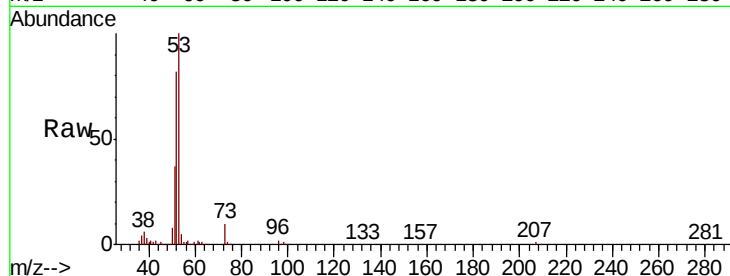
Tot Ion: 53 Resp: 266042

Ion Ratio Lower Upper

53 100

52 83.7 65.8 98.6

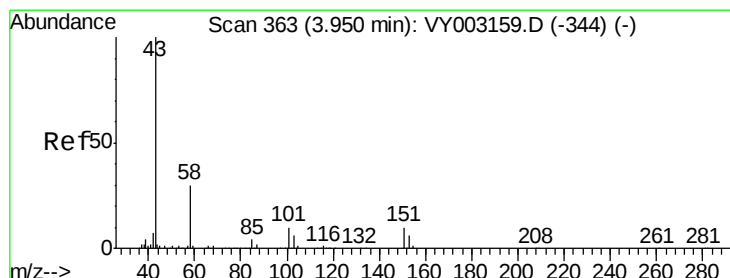
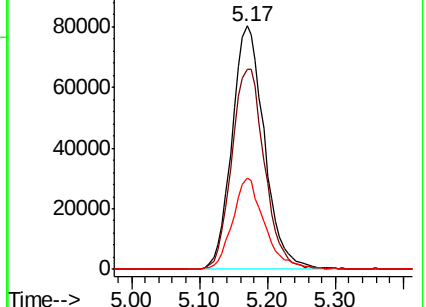
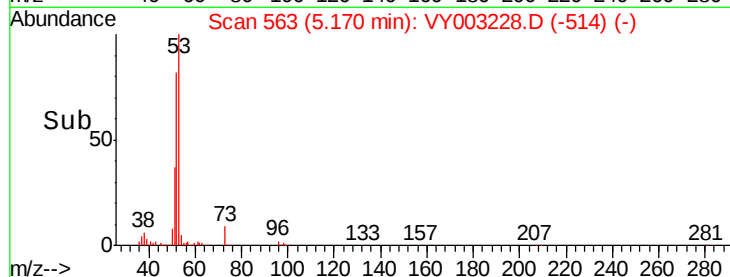
51 37.0 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY003228.D (-514) (-)

Ion 52.00 (51.70 to 52.70): VY003228.D (-514) (-)

Ion 51.00 (50.70 to 51.70): VY003228.D (-514) (-)



#16

Acetone

Concen: 294.403 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY003228.D

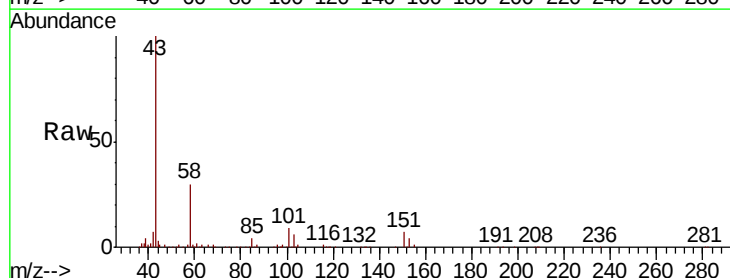
Acq: 20 Jul 2020 12:54

Tgt Ion: 43 Resp: 242269

Ion Ratio Lower Upper

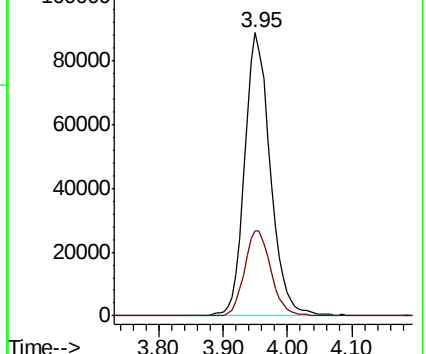
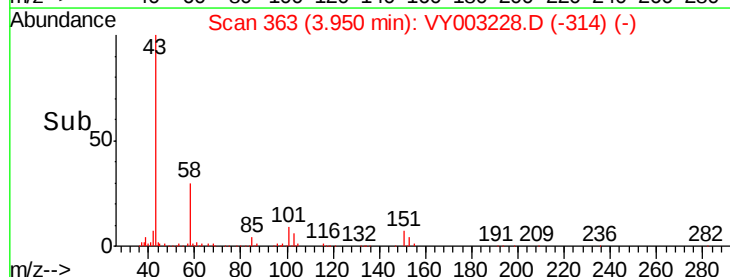
43 100

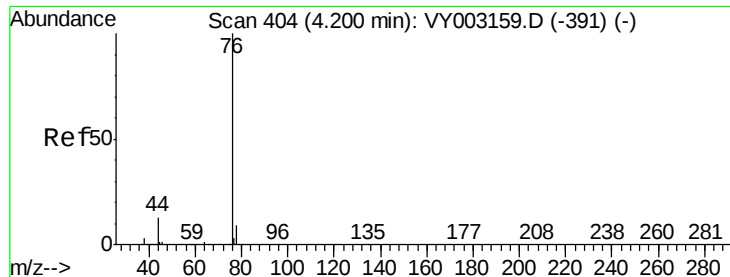
58 29.9 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003228.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY003228.D (-314) (-)

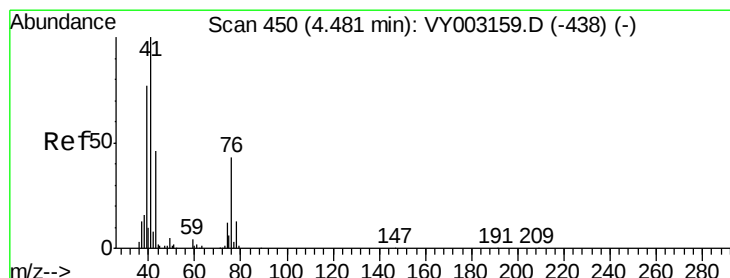
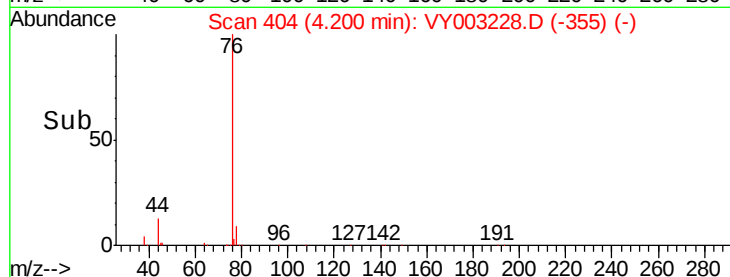
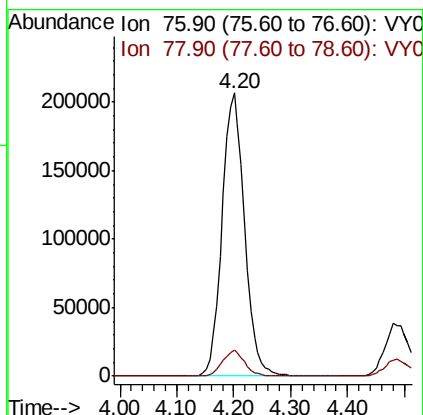
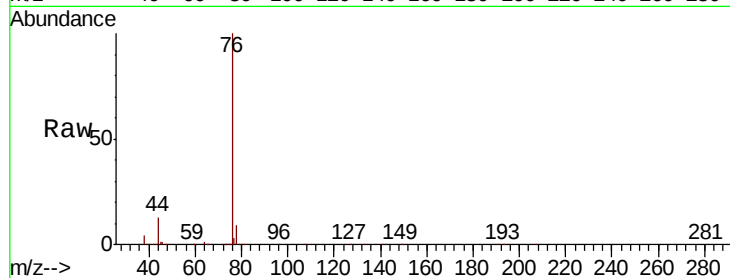




#17
Carbon Disulfide
Concen: 50.837 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

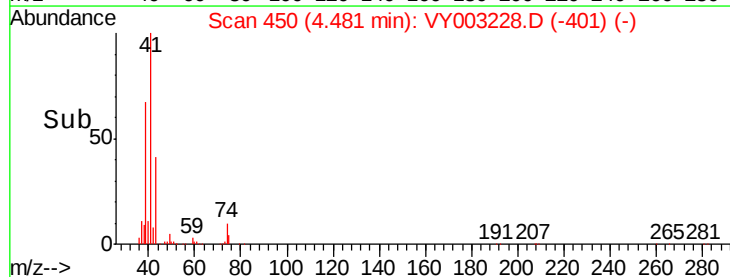
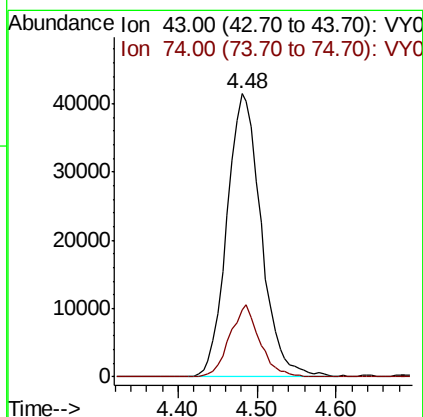
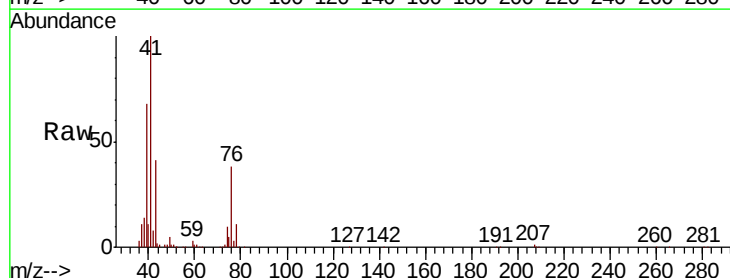
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

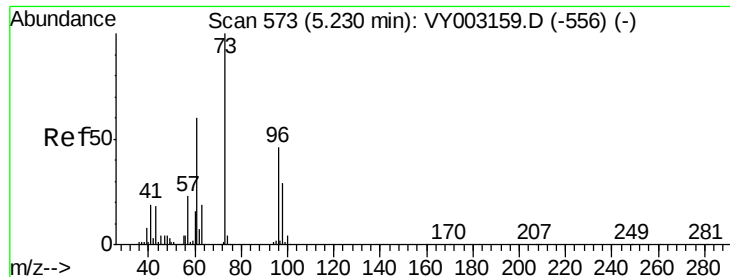
Tot Ion: 76 Resp: 566598
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 54.882 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion: 43 Resp: 125425
Ion Ratio Lower Upper
43 100
74 22.5 20.8 31.2

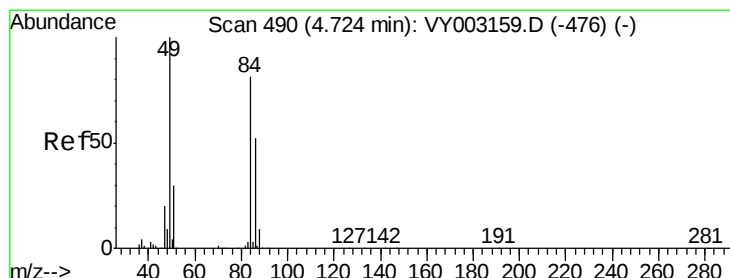
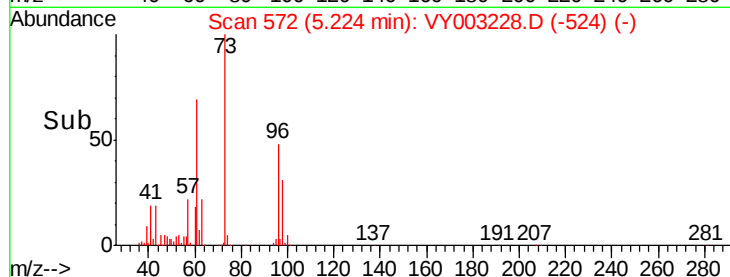
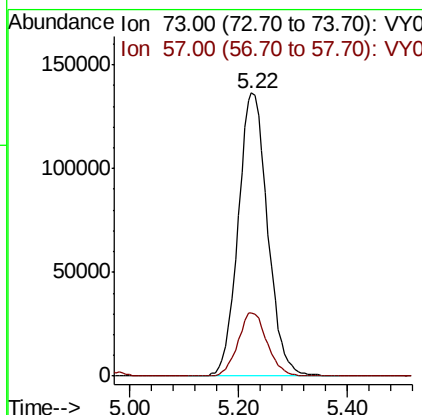
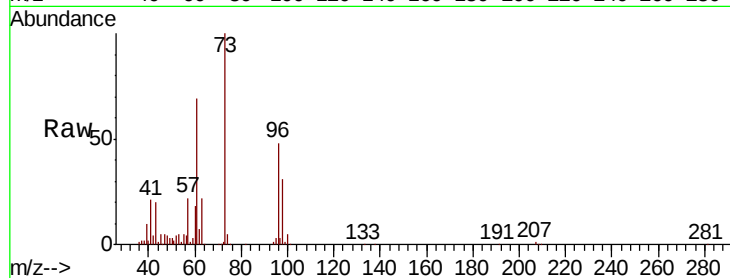




#19
Methvl tert-butvl Ether
Concen: 50.385 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

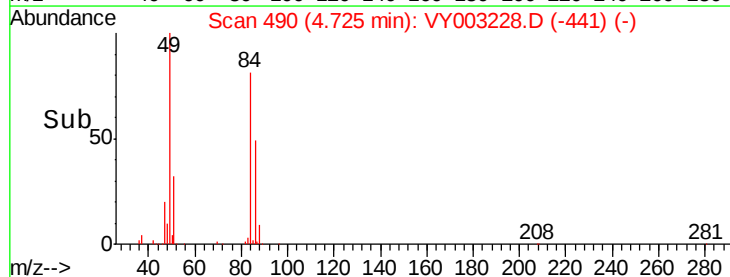
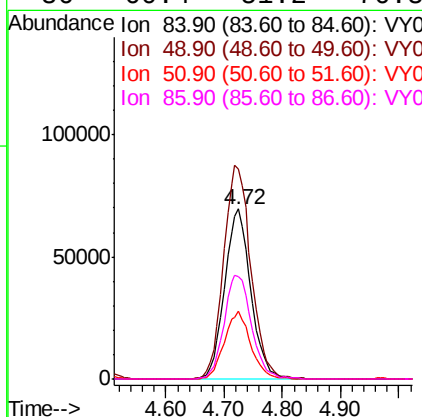
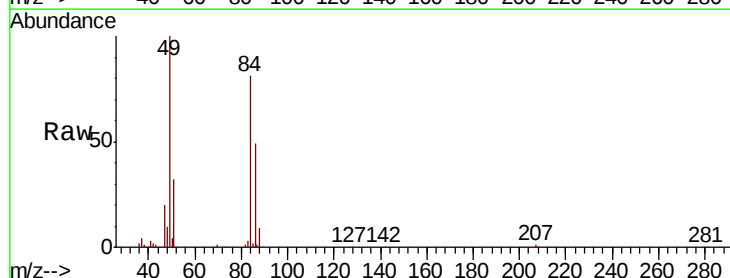
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

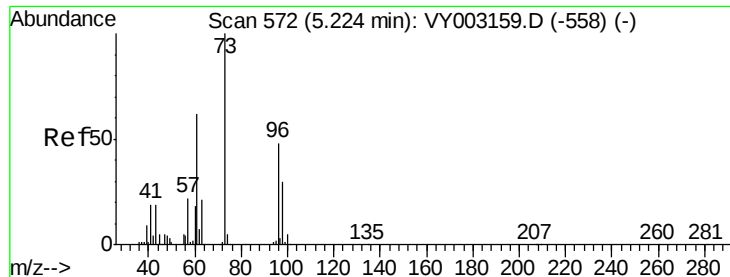
Tot Ion: 73 Resp: 512852
Ion Ratio Lower Upper
73 100
57 22.3 18.1 27.1



#20
Methylene Chloride
Concen: 52.637 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion: 84 Resp: 216740
Ion Ratio Lower Upper
84 100
49 123.8 98.2 147.4
51 39.9 29.8 44.6
86 60.4 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 50.108 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

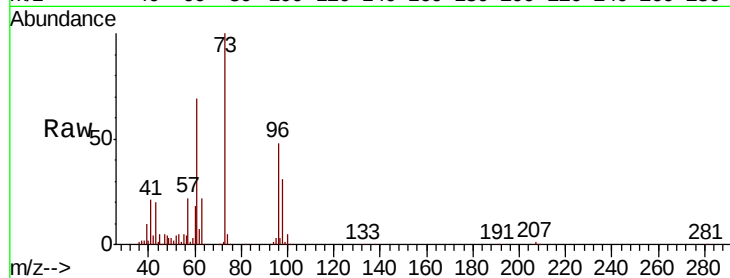
Tot Ion: 96 Resp: 205850

Ion Ratio Lower Upper

96 100

61 144.0 102.5 153.7

98 65.0 49.8 74.8

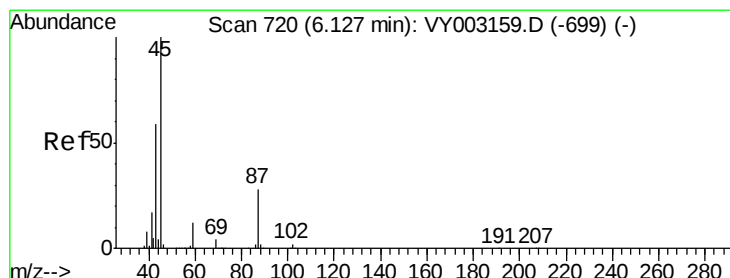
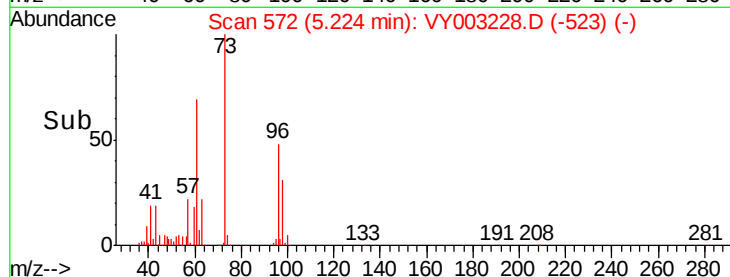
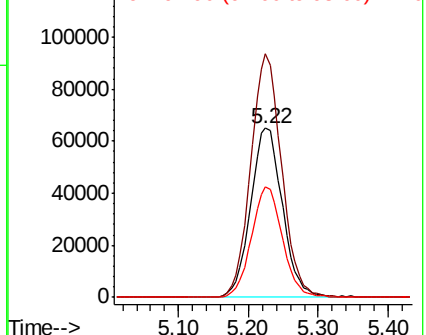


Abundance

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: 56.580 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Tgt Ion: 45 Resp: 676771

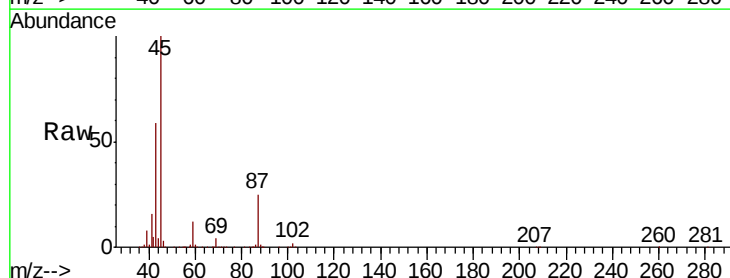
Ion Ratio Lower Upper

45 100

43 58.8 47.0 70.4

87 24.7 22.6 33.8

59 11.5 9.8 14.6



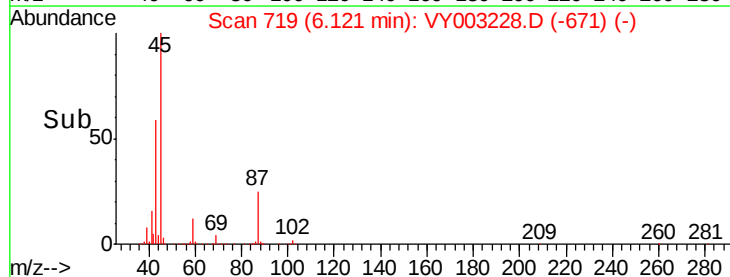
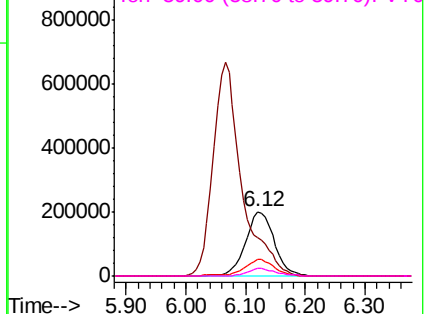
Abundance

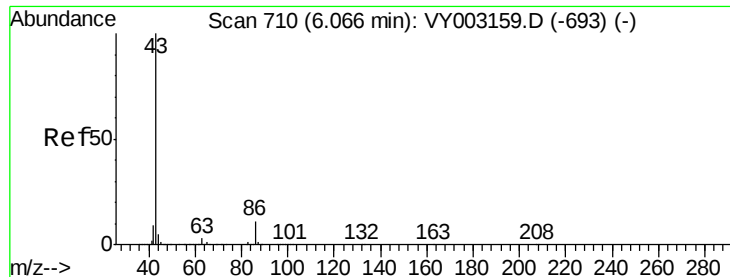
Ion 45.00 (44.70 to 45.70): VY0

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: 278.100 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

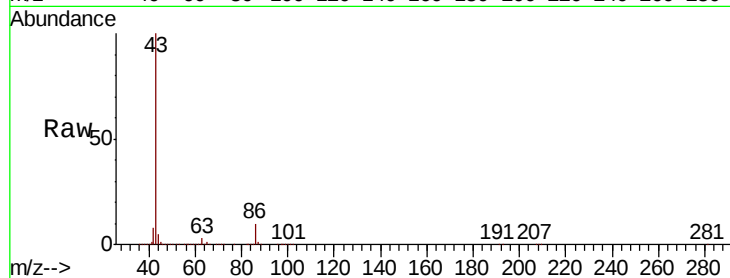
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2217152

Ion	Ratio	Lower	Upper
43	100		
86	9.8	8.8	13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

800000

600000

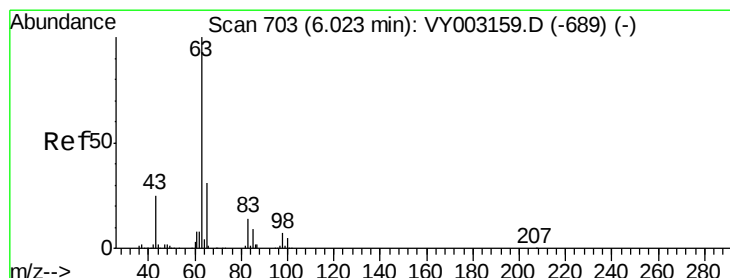
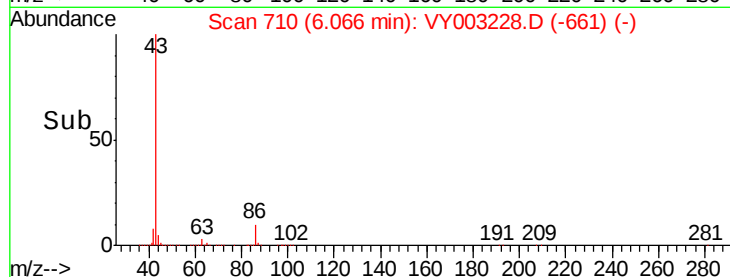
400000

200000

0

5.90 6.00 6.10 6.20 6.30

Time-->



#24

1,1-Dichloroethane

Concen: 53.174 ug/l

RT: 6.02 min Scan# 703

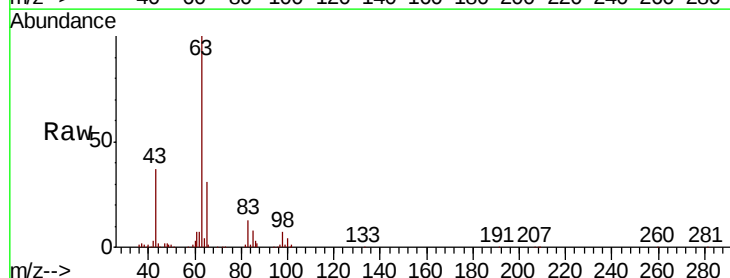
Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Tgt Ion: 63 Resp: 368481

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.6	10.8
100	4.1	2.4	7.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

150000

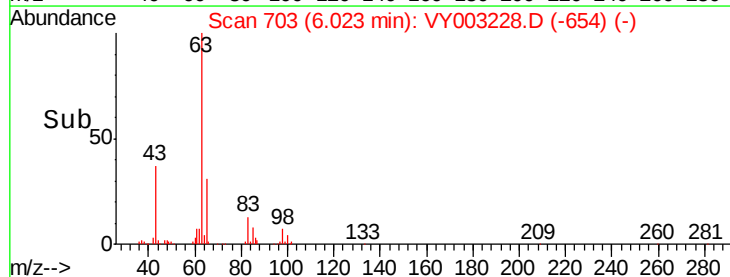
100000

50000

0

5.90 6.00 6.10 6.20

Time-->

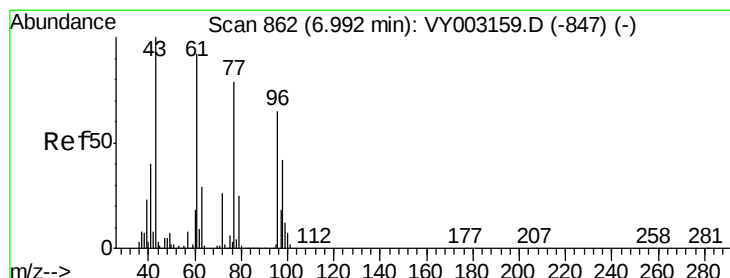
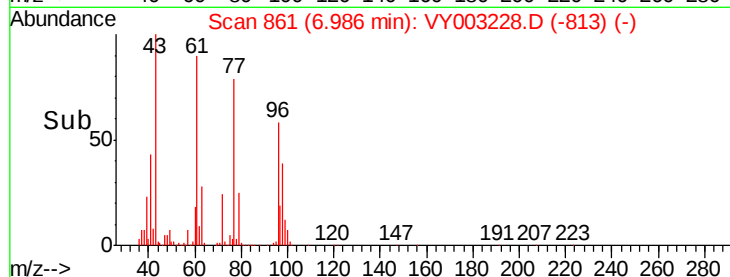
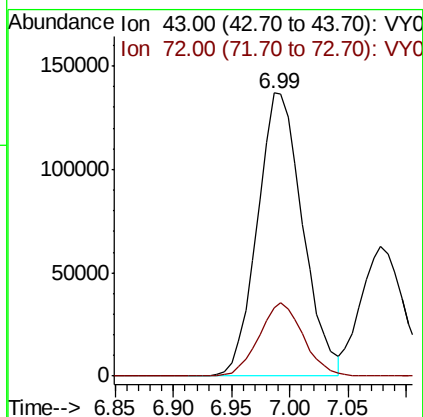
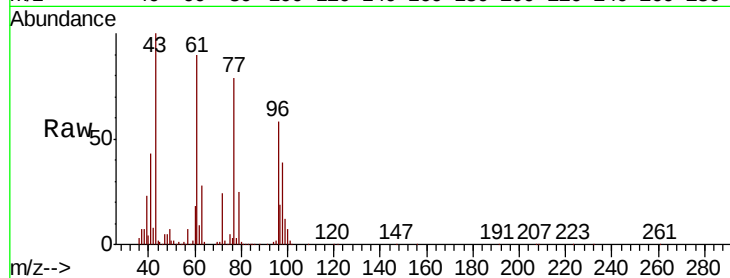




#25
2-Butanone
Concen: 273.955 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

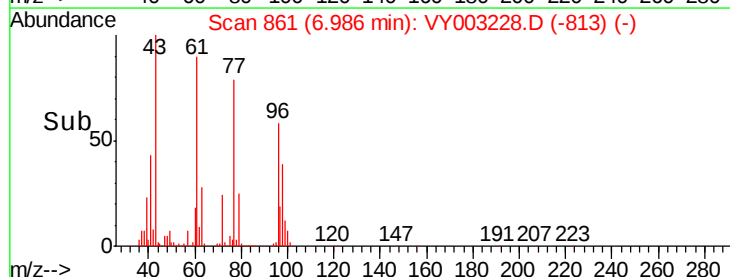
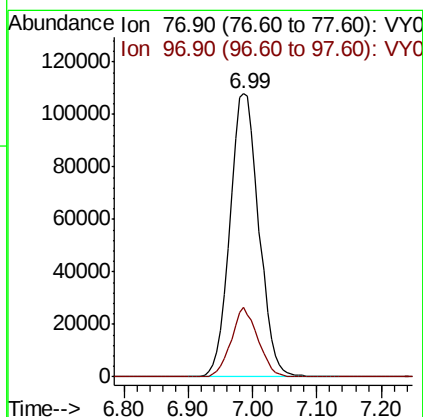
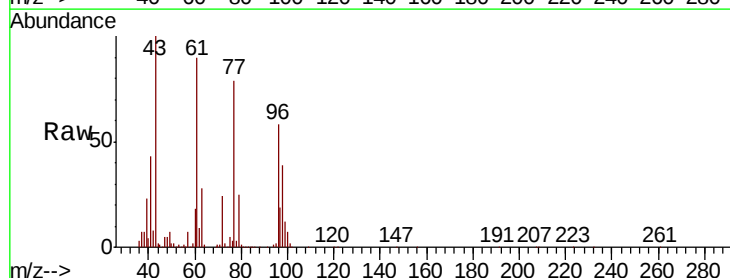
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

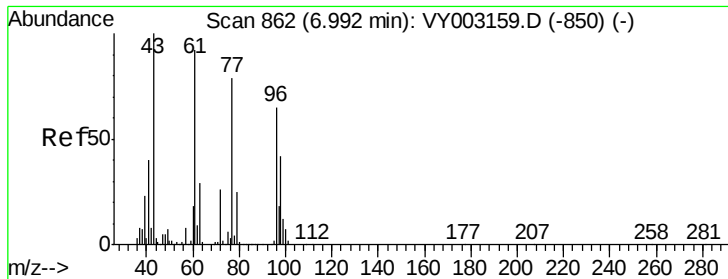
Tot Ion: 43 Resp: 370155
Ion Ratio Lower Upper
43 100
72 24.3 20.9 31.3



#26
2,2-Dichloropropane
Concen: 54.171 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion: 77 Resp: 338067
Ion Ratio Lower Upper
77 100
97 22.7 11.6 34.7



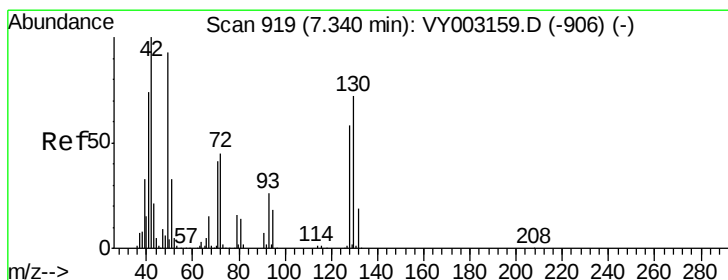
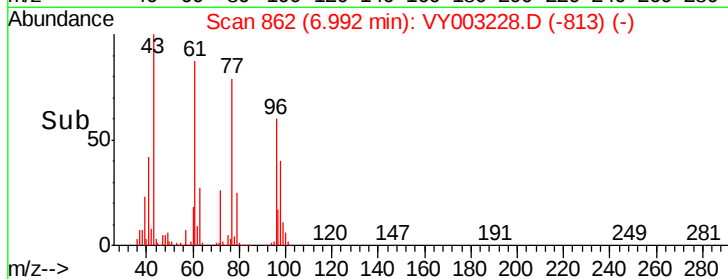
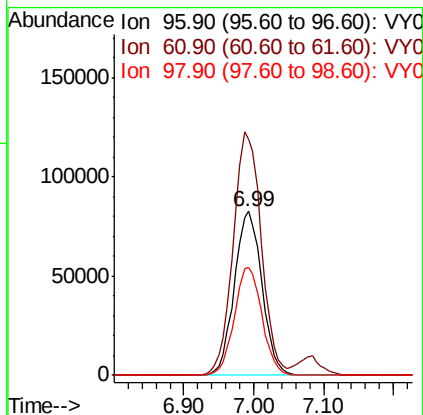
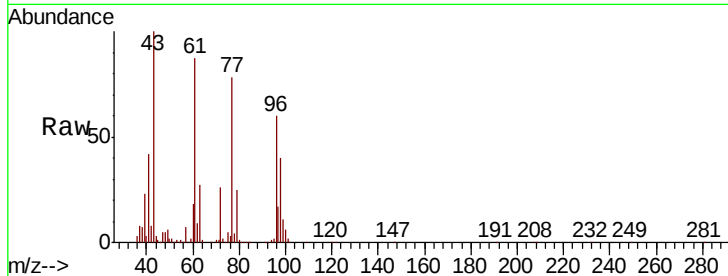


#27

cis-1,2-Dichloroethene
 Concen: 50.145 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

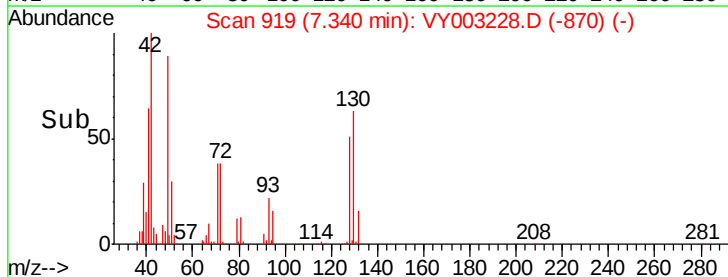
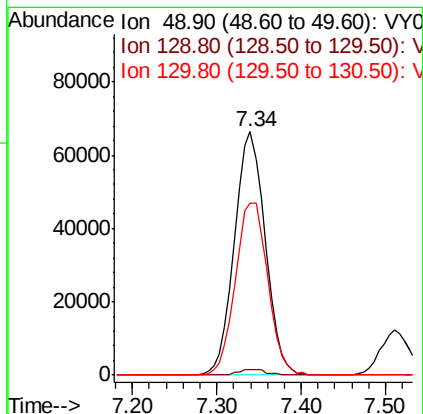
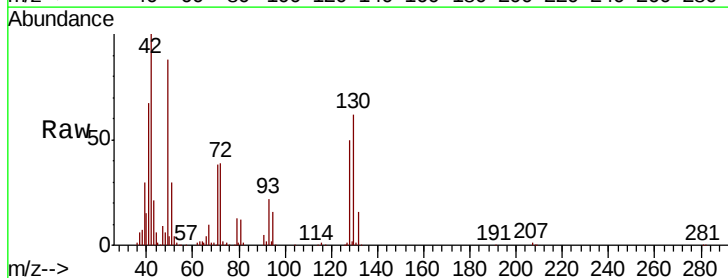
Tot Ion	96	Resp	226814
Ion Ratio	Lower	Upper	
96	100		
61	150.7	0.0	281.2
98	65.7	0.0	129.8

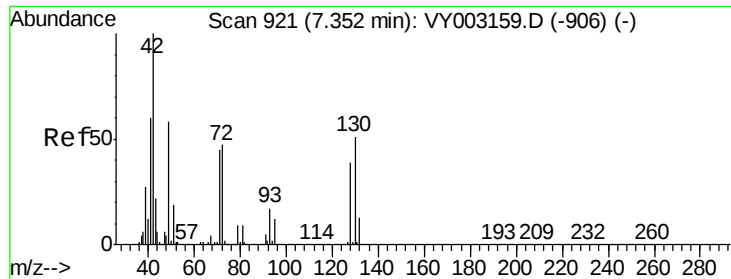


#28

Bromochloromethane
 Concen: 54.626 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Tgt Ion	49	Resp	163892
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	5.0
130	74.6	64.9	97.3





#29

Tetrahydrofuran

Concen: 266.036 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

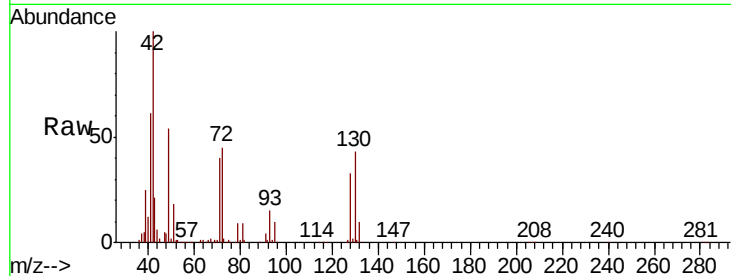
Tot Ion: 42 Resp: 241476

Ion Ratio Lower Upper

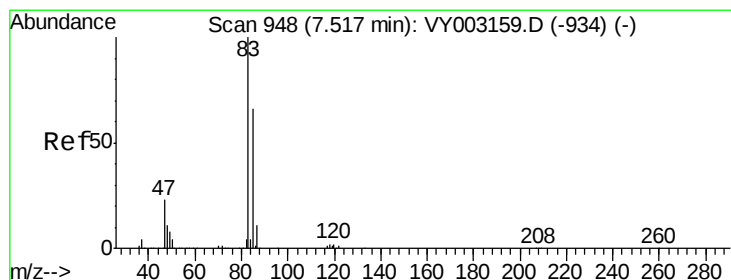
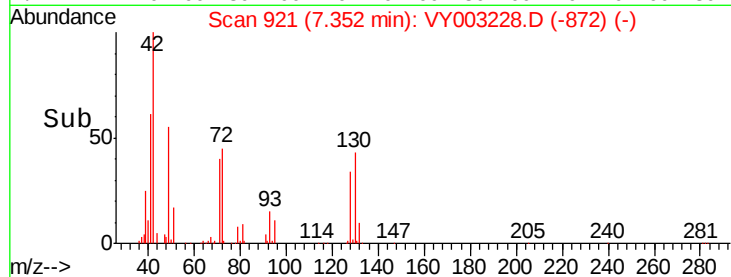
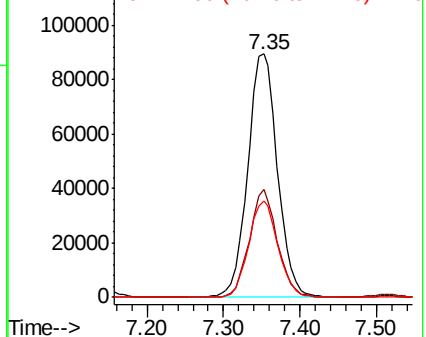
42 100

72 41.7 36.7 55.1

71 39.2 34.2 51.4



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: 51.603 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003228.D

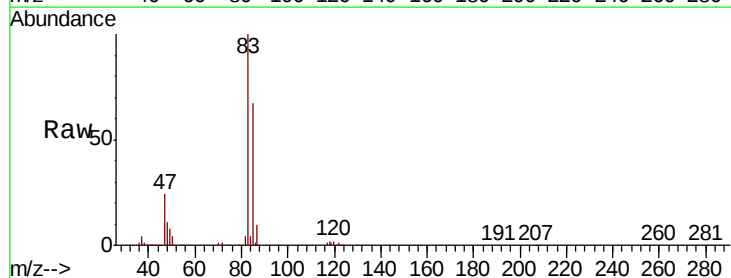
Acq: 20 Jul 2020 12:54

Tgt Ion: 83 Resp: 368306

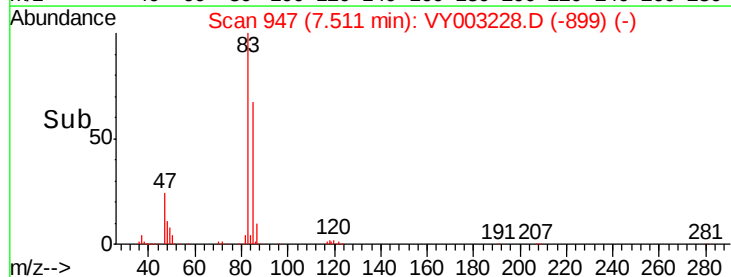
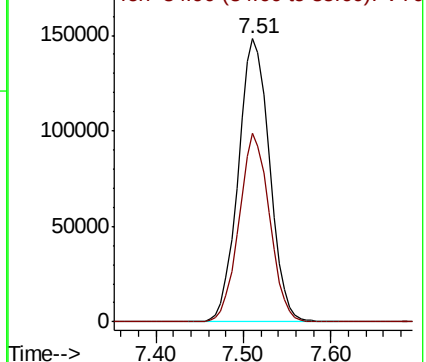
Ion Ratio Lower Upper

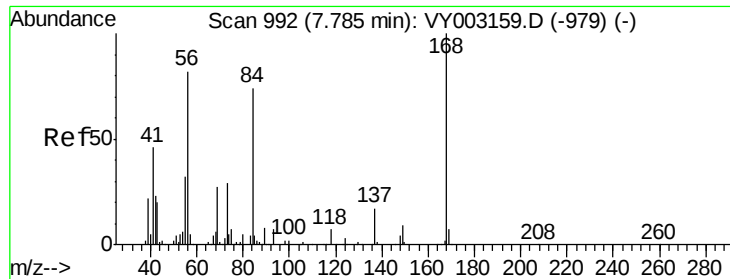
83 100

85 66.8 52.6 78.8



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

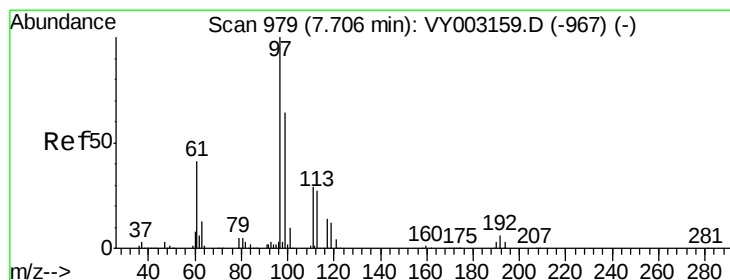
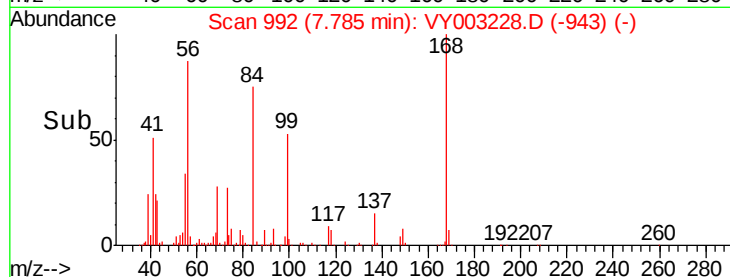
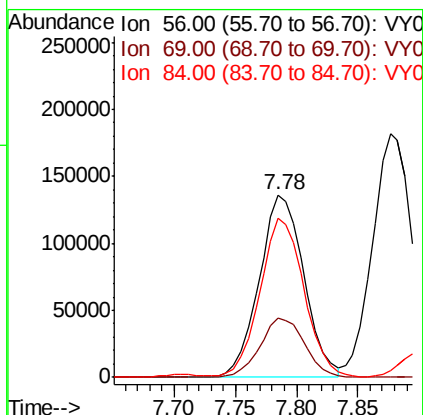
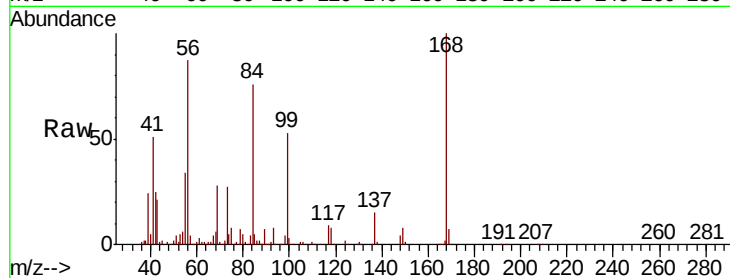




#31
Cyclohexane
Concen: 51.618 ug/l
RT: 7.78 min Scan# 992
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

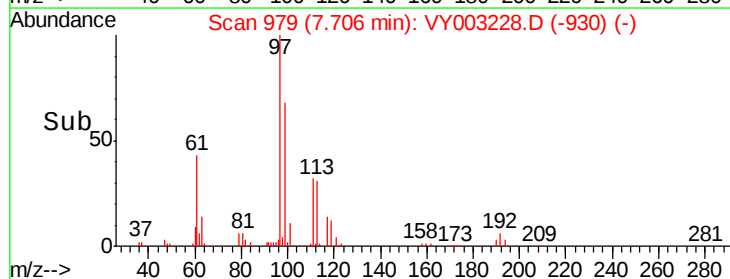
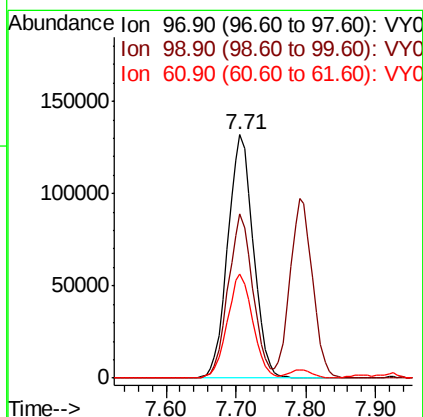
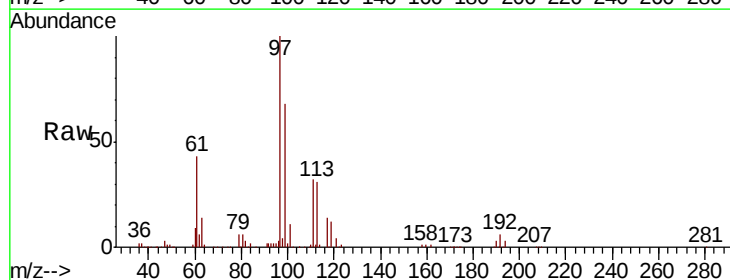
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

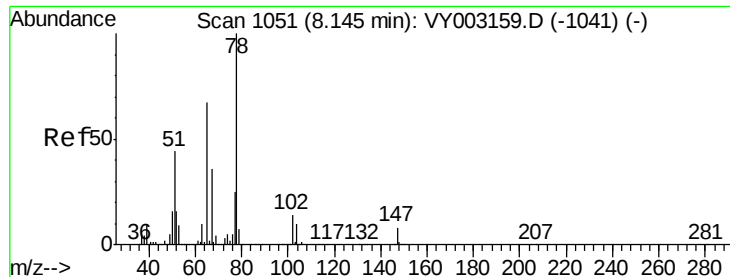
Tot Ion: 56 Resp: 345890
Ion Ratio Lower Upper
56 100
69 32.0 26.7 40.1
84 86.1 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 51.991 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion: 97 Resp: 334060
Ion Ratio Lower Upper
97 100
99 65.0 52.1 78.1
61 42.7 33.9 50.9

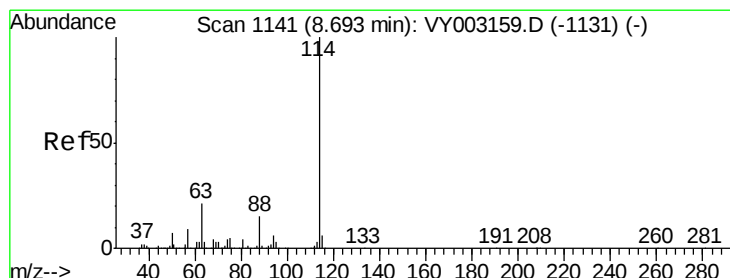
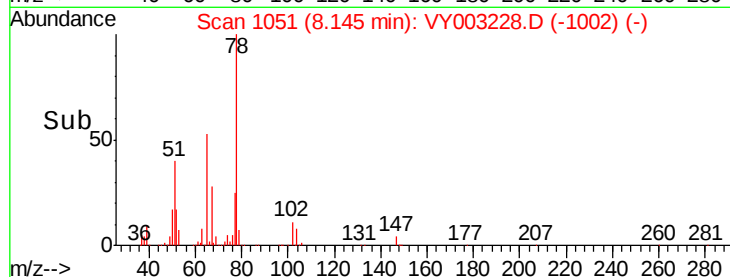
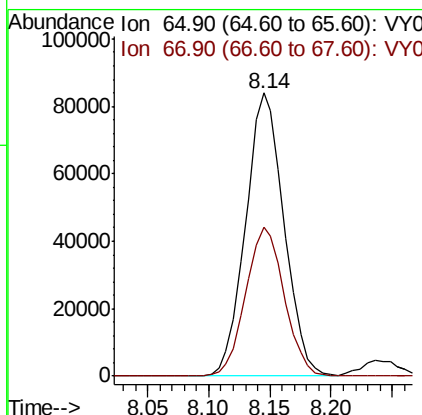
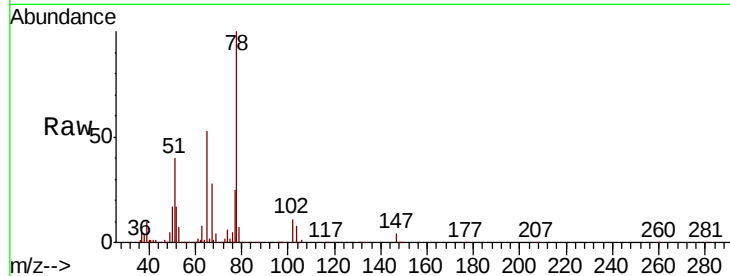




#33
 1,2-Dichloroethane-d4
 Concen: 49.836 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

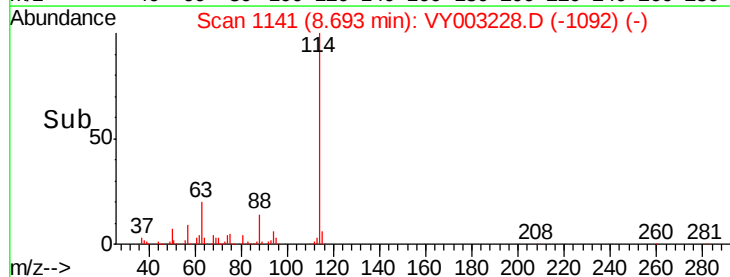
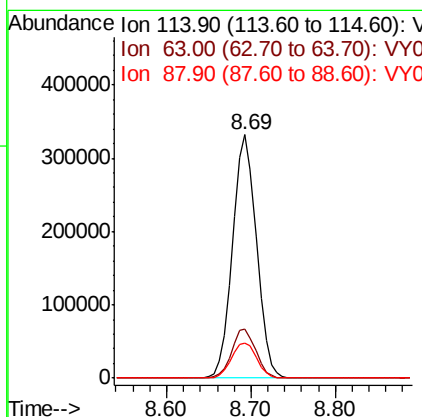
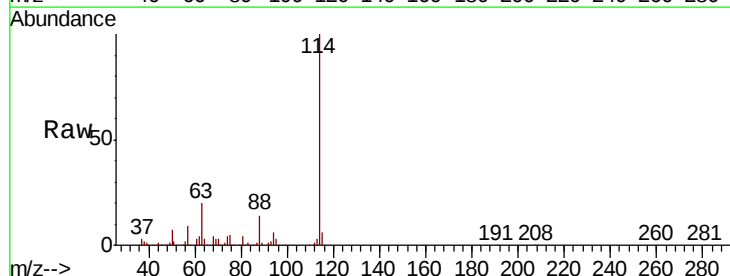
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

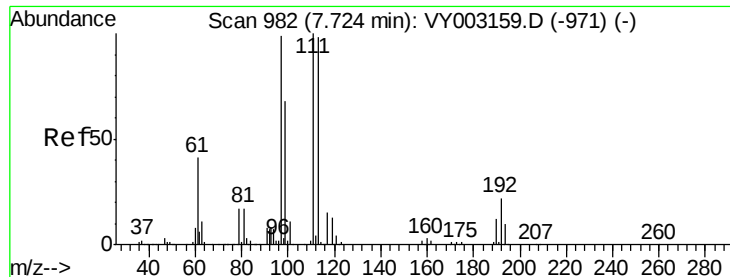
Tot Ion: 65 Resp: 183601
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Tgt Ion: 114 Resp: 636207
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.2
 88 14.4 0.0 30.2

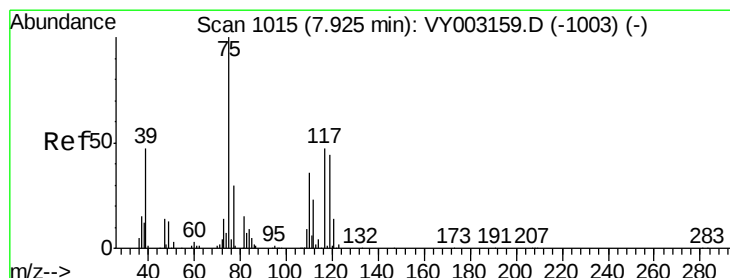
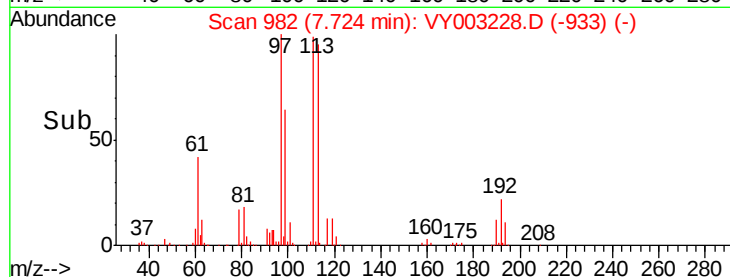
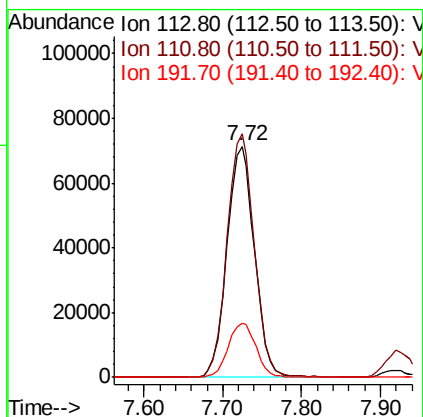
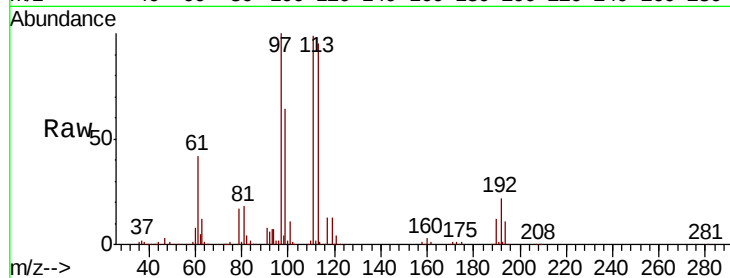




#35
 Dibromofluoromethane
 Concen: 47.112 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

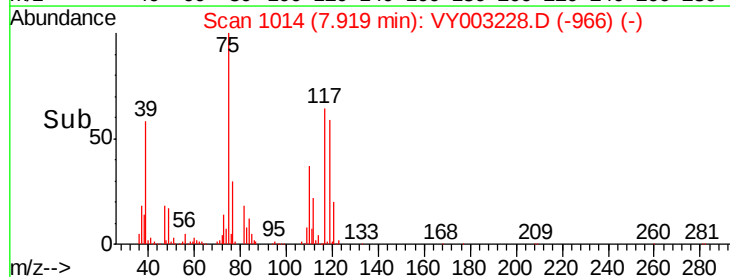
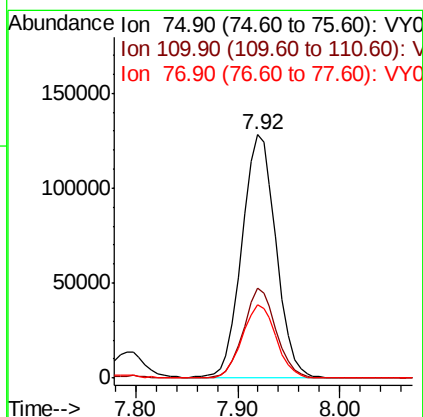
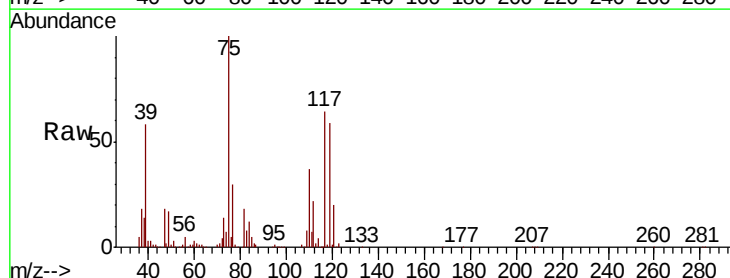
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

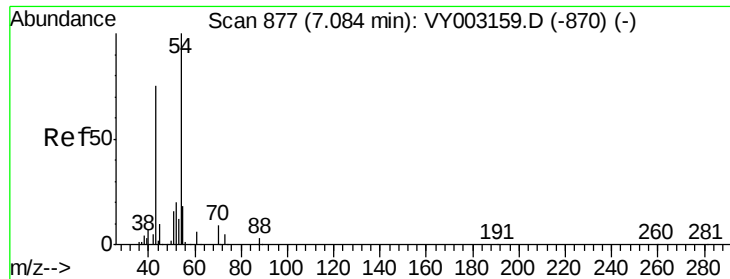
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.1	123.1
192	23.6	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 51.385 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.1	54.1
77	30.4	24.8	37.2

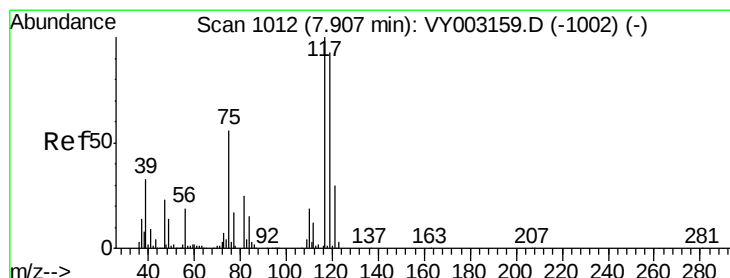
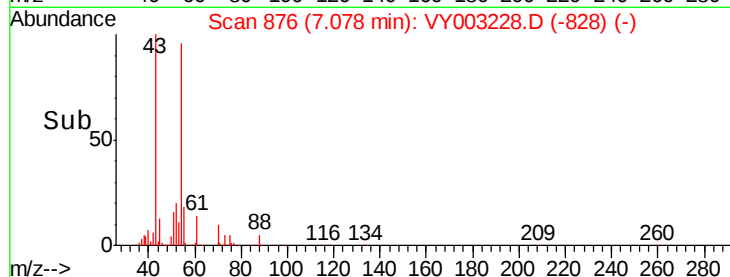
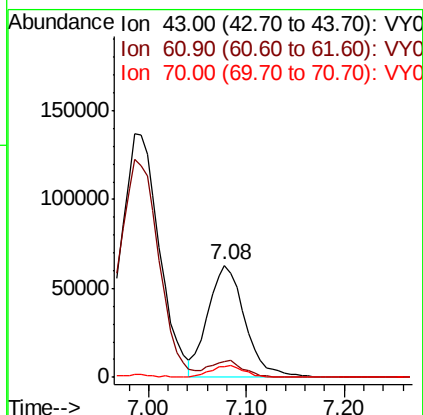
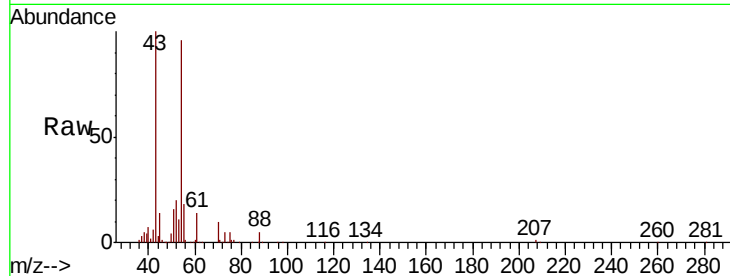




#37
Ethyl Acetate
Concen: 52.982 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

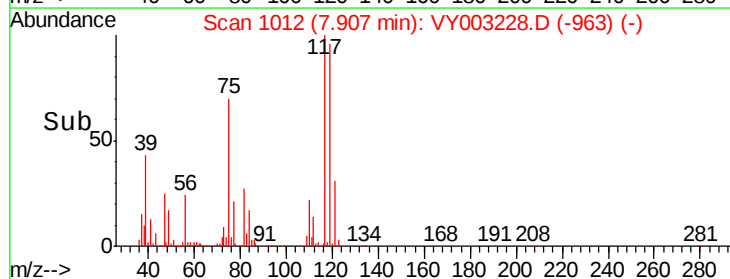
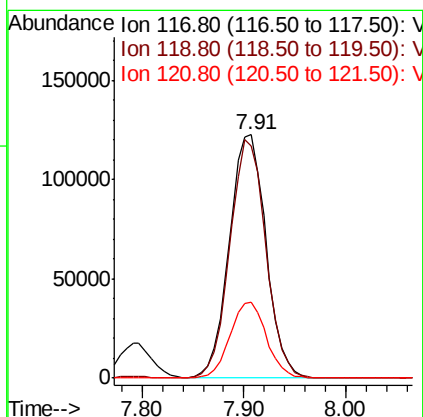
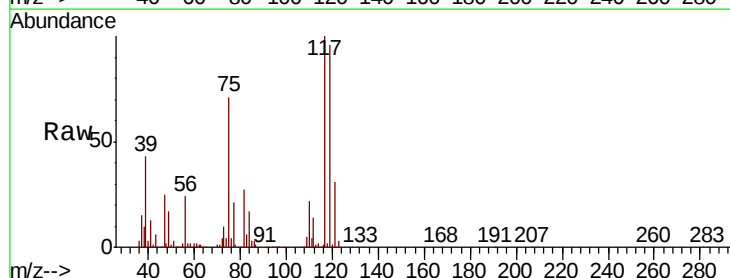
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

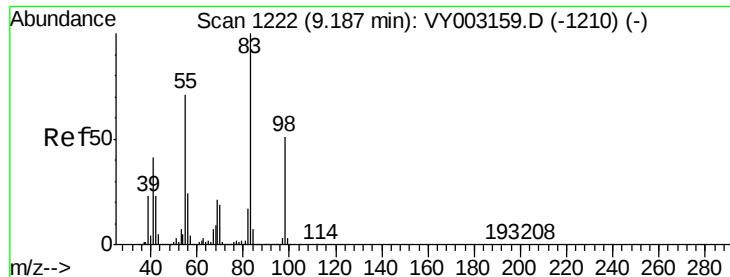
Tot Ion: 43 Resp: 164523
Ion Ratio Lower Upper
43 100
61 13.8 11.8 17.6
70 9.9 8.6 13.0



#38
Carbon Tetrachloride
Concen: 51.207 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion: 117 Resp: 304822
Ion Ratio Lower Upper
117 100
119 95.4 74.5 111.7
121 31.3 24.2 36.2

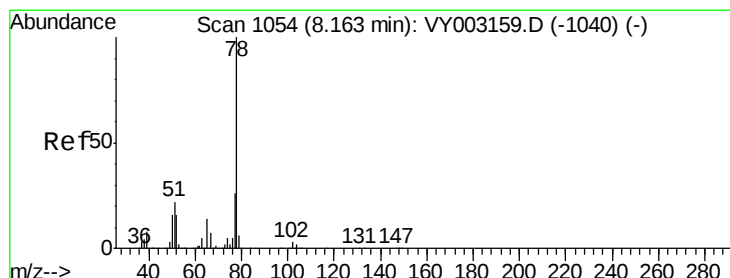
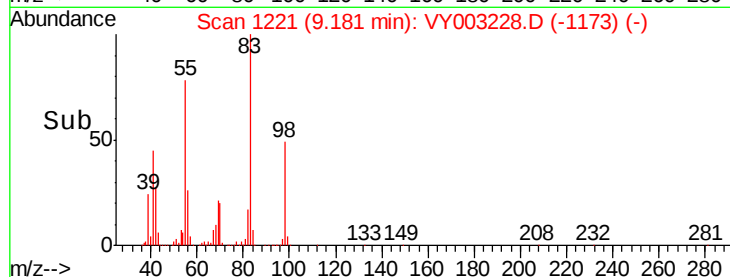
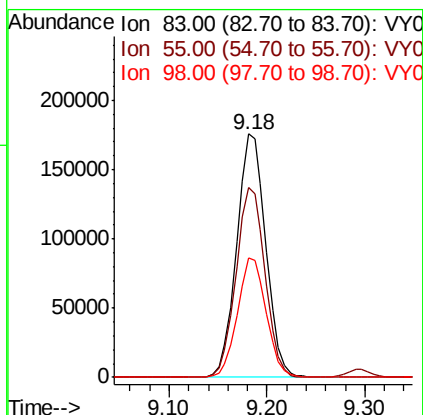
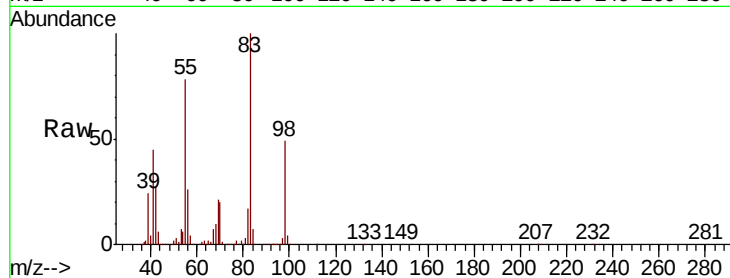




#39
Methvlcvclohexane
Concen: 49.905 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

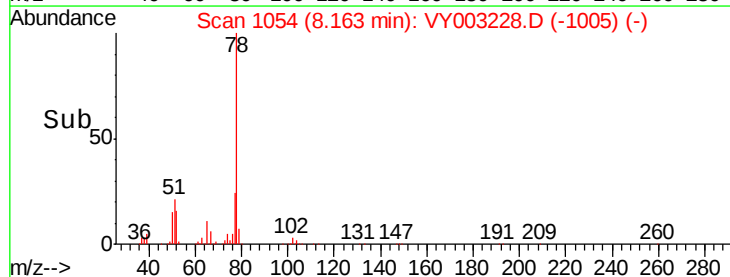
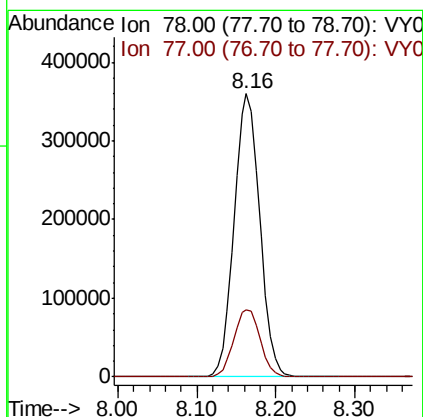
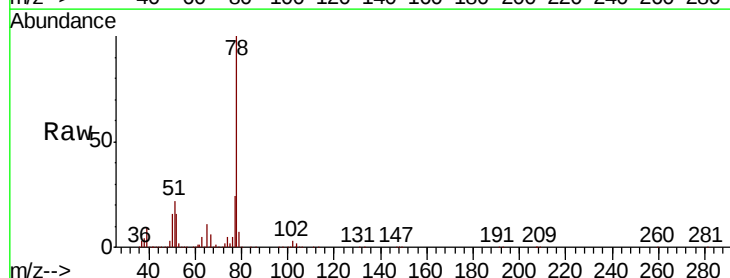
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

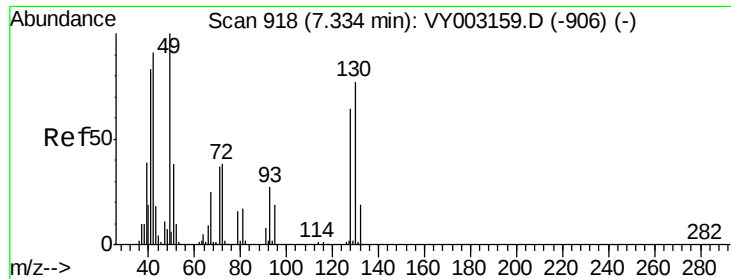
Tot Ion: 83 Resp: 361492
Ion Ratio Lower Upper
83 100
55 78.2 57.2 85.8
98 49.1 41.0 61.6



#40
Benzene
Concen: 51.187 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion: 78 Resp: 812696
Ion Ratio Lower Upper
78 100
77 23.7 20.7 31.1

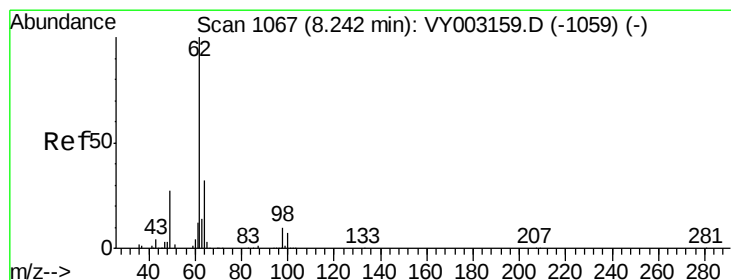
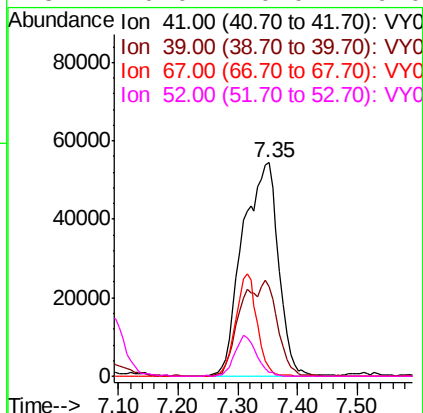
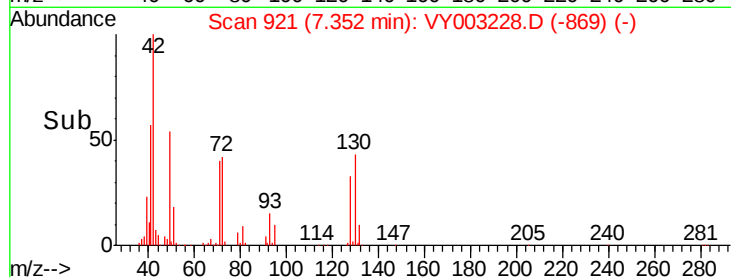
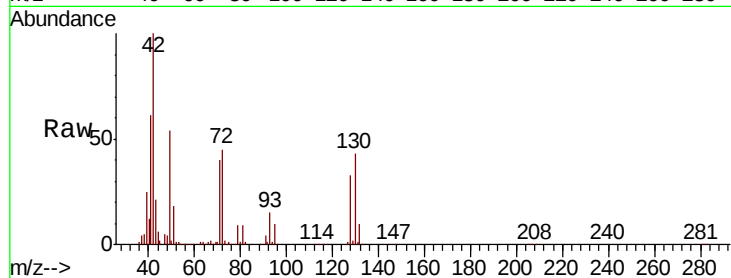




#41
Methacrylonitrile
Concen: 121.686 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

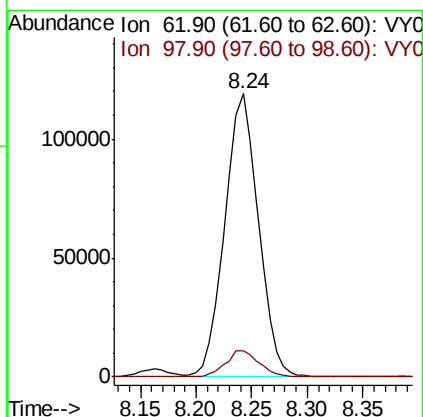
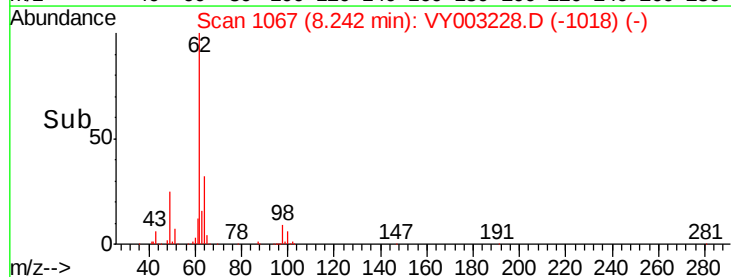
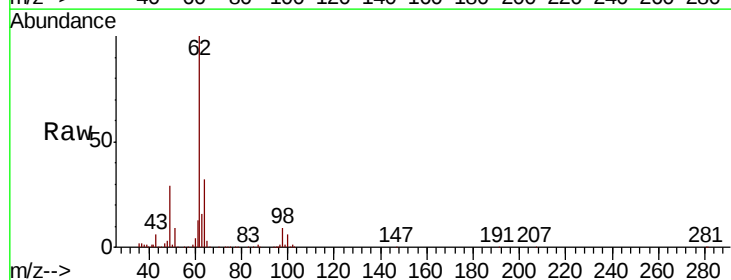
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

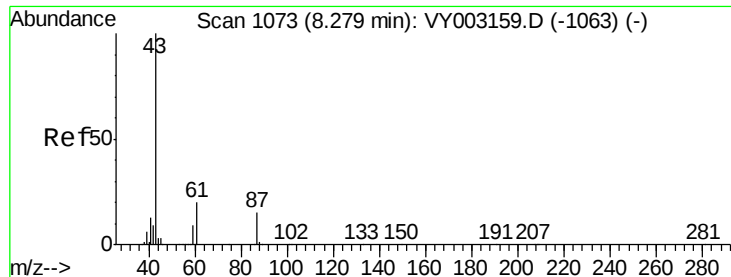
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 51.021 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.0





#43

Isopropyl Acetate

Concen: 52.254 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

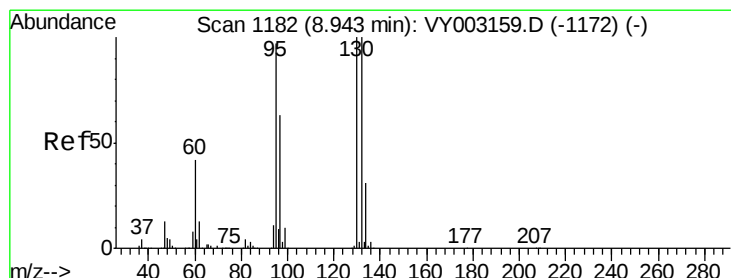
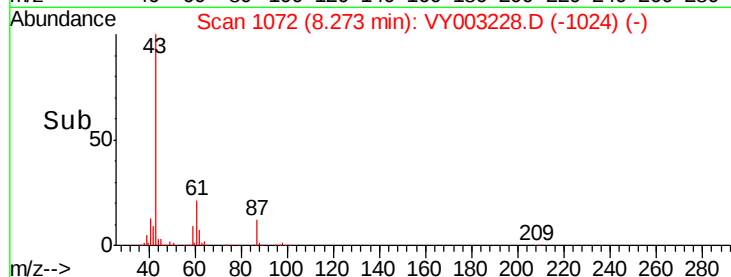
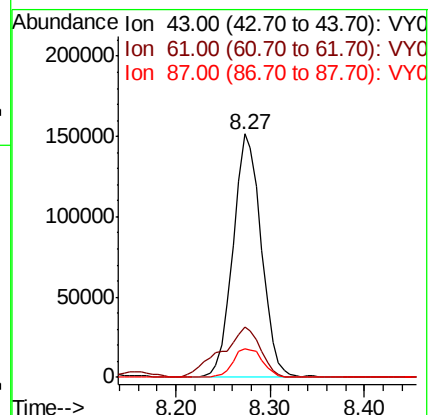
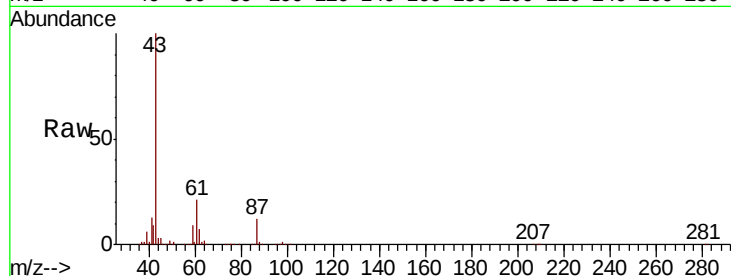
Tot Ion: 43 Resp: 314077

Ion Ratio Lower Upper

43 100

61 28.9 23.7 35.5

87 12.5 11.4 17.0



#44

Trichloroethene

Concen: 47.685 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003228.D

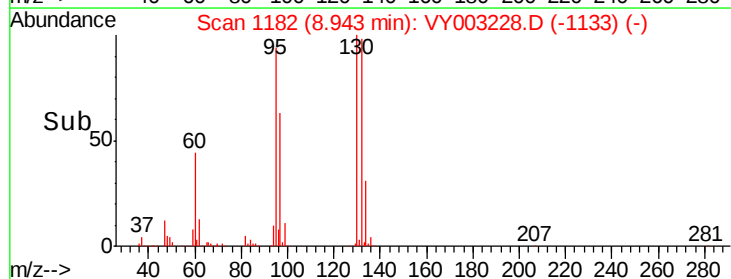
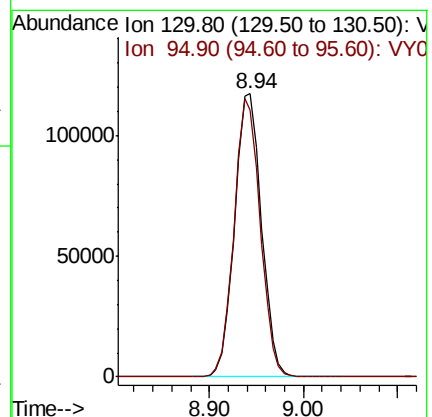
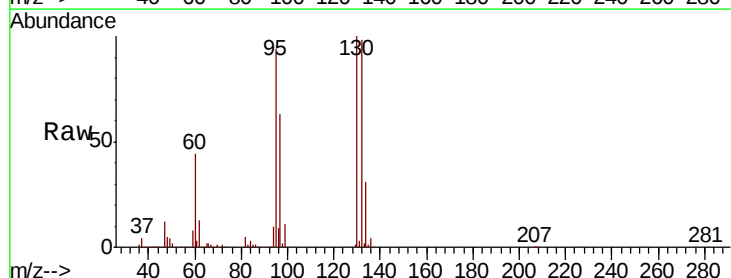
Acq: 20 Jul 2020 12:54

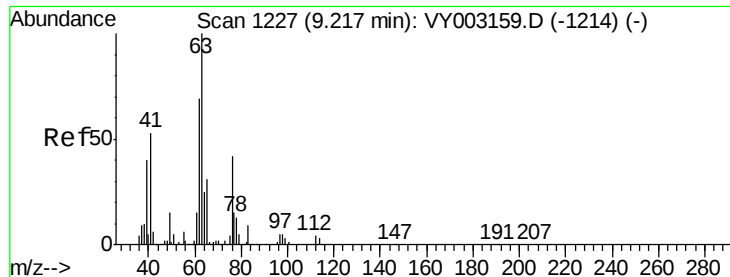
Tgt Ion:130 Resp: 232088

Ion Ratio Lower Upper

130 100

95 94.3 0.0 193.8





#45

1,2-Dichloropropane

Concen: 52.817 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

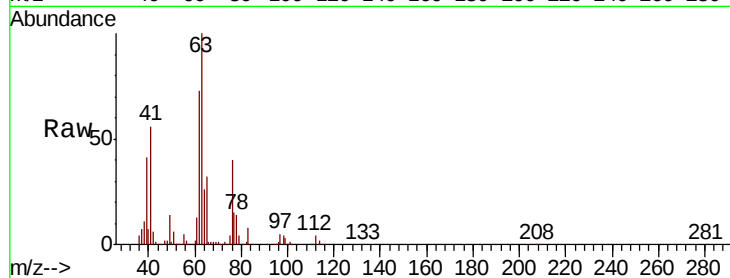
VSTDCCC050

Tot Ion: 63 Resp: 216984

Ion Ratio Lower Upper

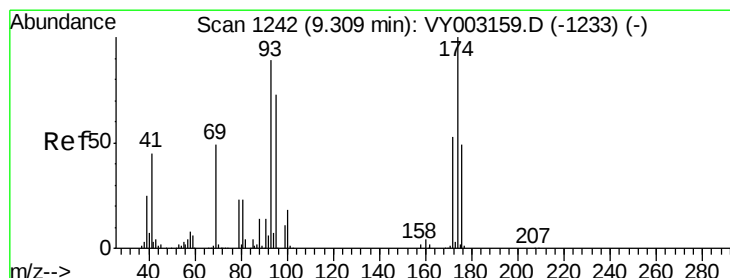
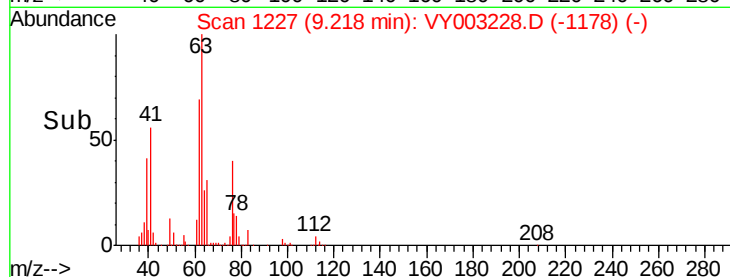
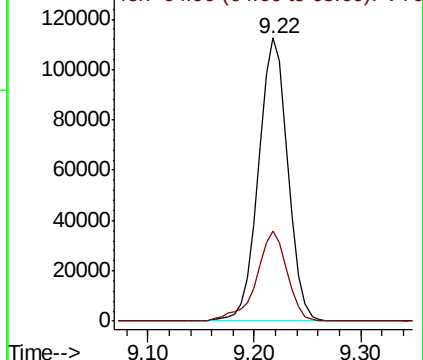
63 100

65 31.8 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 49.431 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

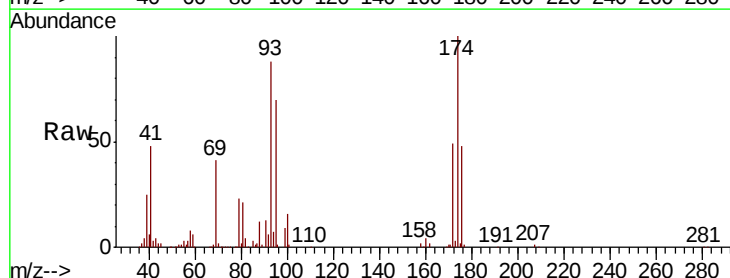
Tgt Ion: 93 Resp: 118609

Ion Ratio Lower Upper

93 100

95 82.0 66.6 99.8

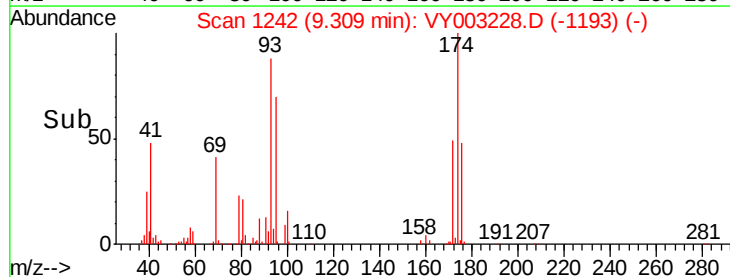
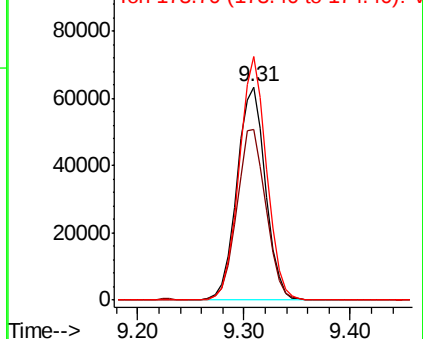
174 110.5 90.2 135.4

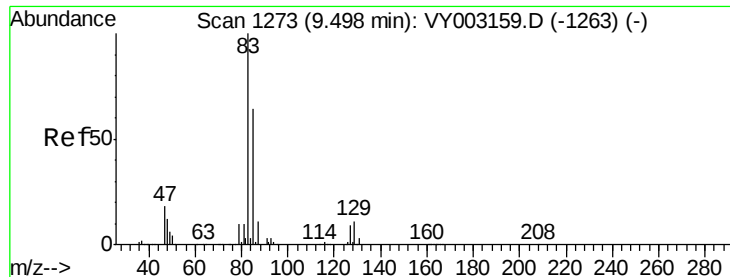


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.513 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

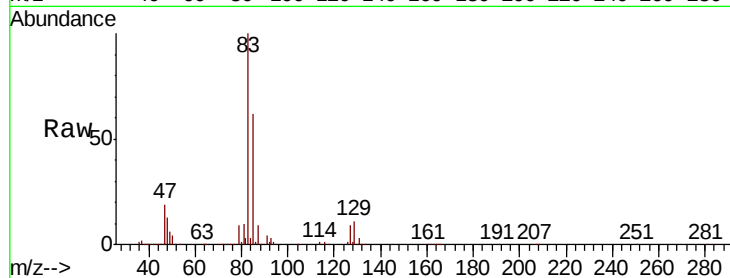
Tot Ion: 83 Resp: 293970

Ion Ratio Lower Upper

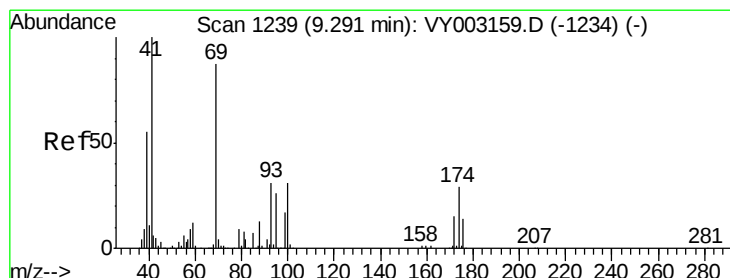
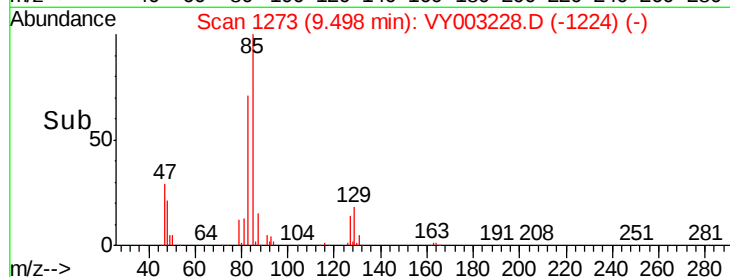
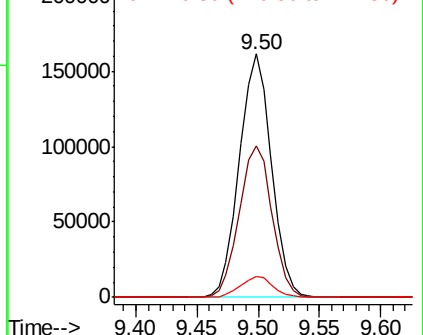
83 100

85 62.1 50.9 76.3

127 8.8 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: 53.513 ug/l

RT: 9.29 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

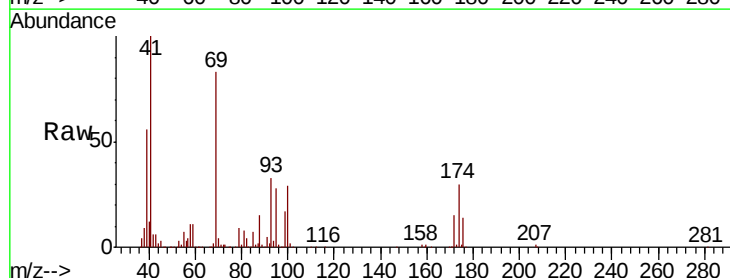
Tgt Ion: 41 Resp: 143795

Ion Ratio Lower Upper

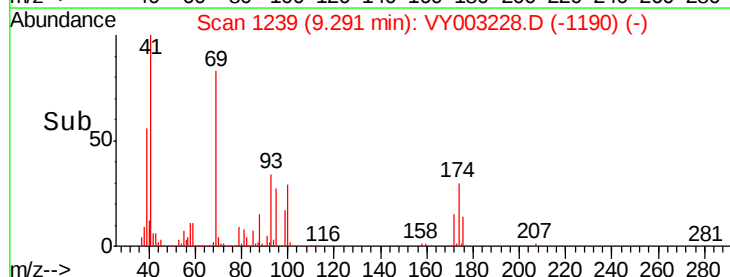
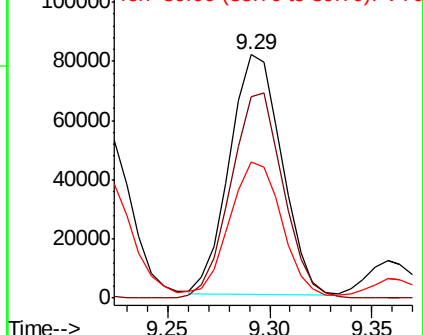
41 100

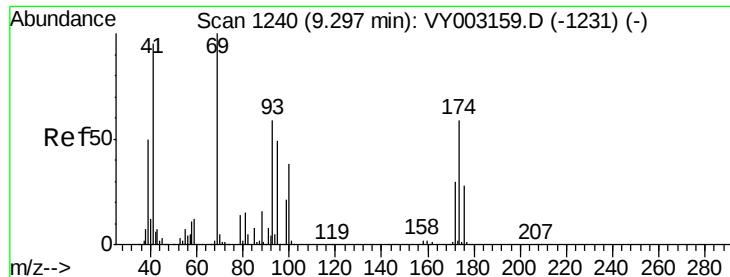
69 86.2 74.5 111.7

39 55.3 47.5 71.3



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: 1035.424 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

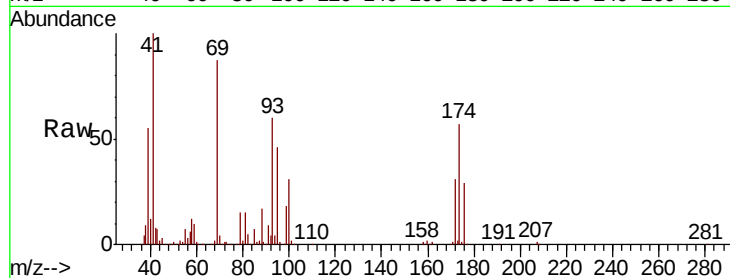
Tot Ion: 88 Resp: 31532

Ion Ratio Lower Upper

88 100

43 32.1 25.6 38.4

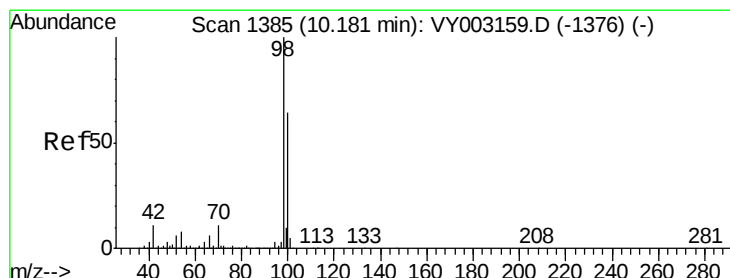
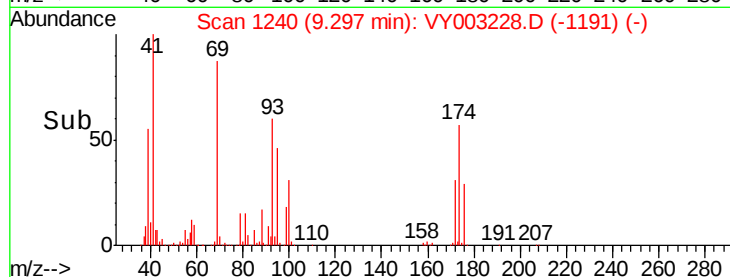
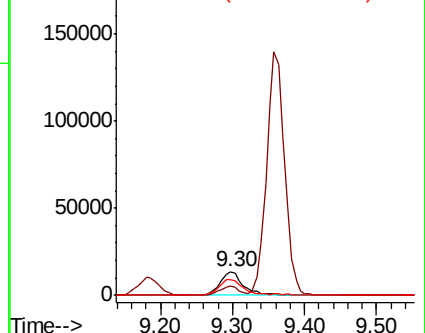
58 66.8 47.8 71.6



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: 46.986 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003228.D

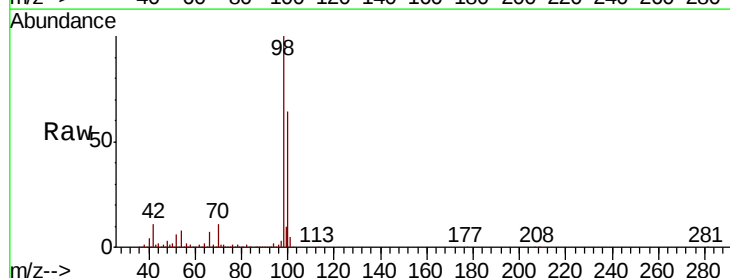
Acq: 20 Jul 2020 12:54

Tgt Ion: 98 Resp: 639564

Ion Ratio Lower Upper

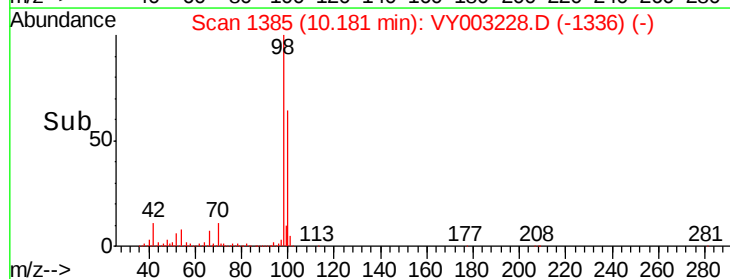
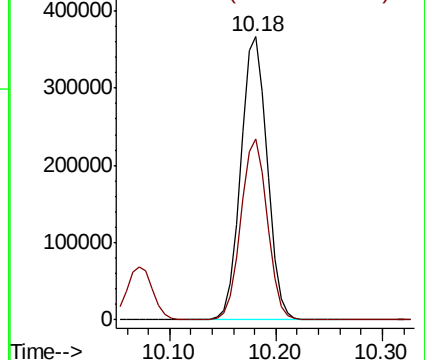
98 100

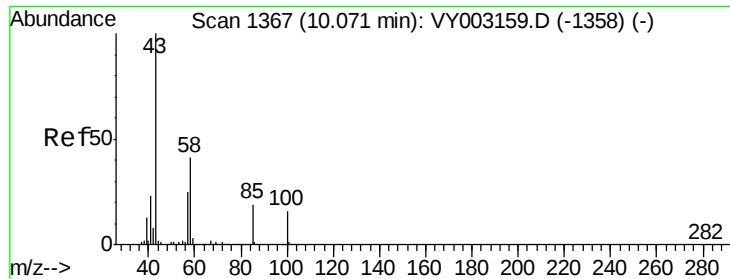
100 64.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

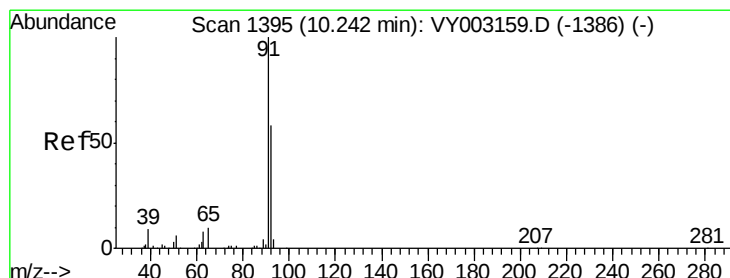
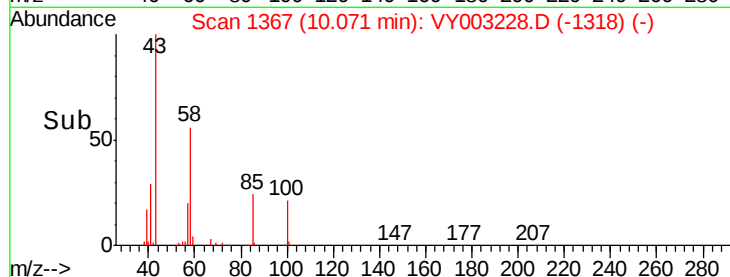
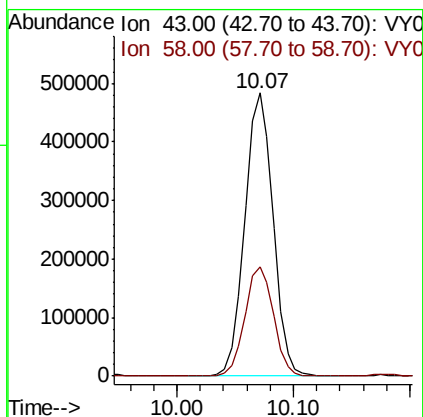
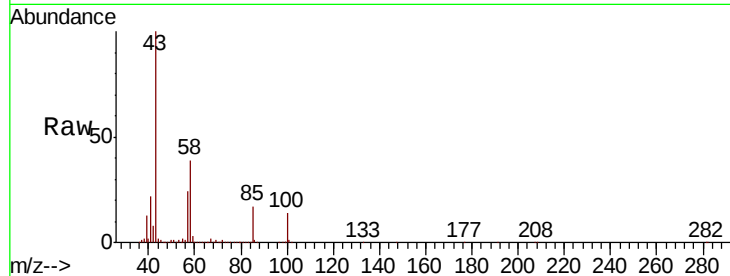




#51
 4-Methyl-2-Pentanone
 Concen: 262.933 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

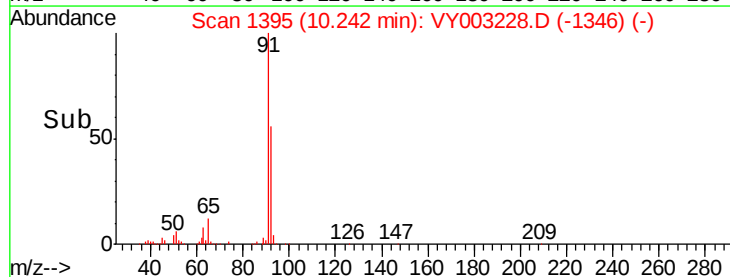
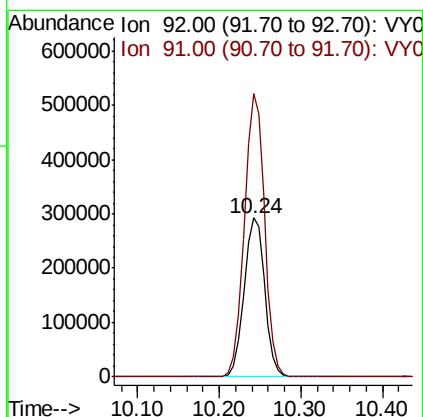
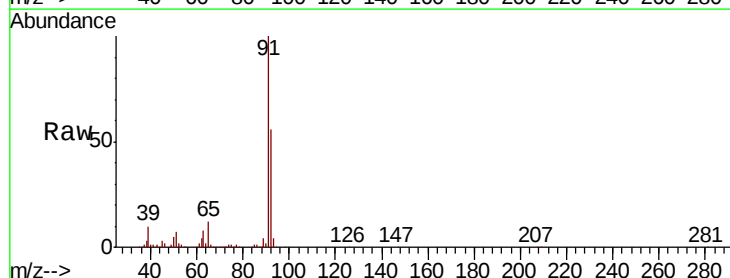
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

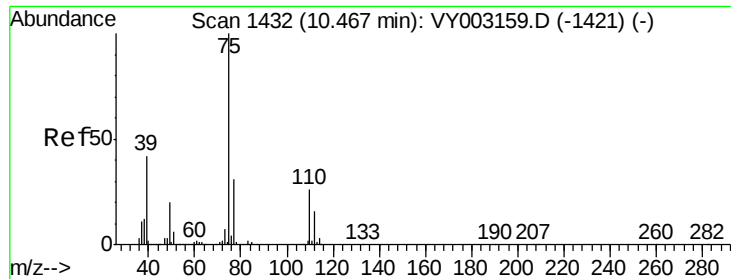
Tot Ion: 43 Resp: 821438
 Ion Ratio Lower Upper
 43 100
 58 39.0 32.7 49.1



#52
 Toluene
 Concen: 50.146 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Tgt Ion: 92 Resp: 508879
 Ion Ratio Lower Upper
 92 100
 91 174.8 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 51.981 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

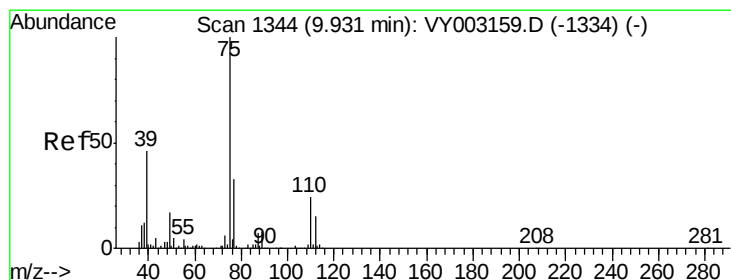
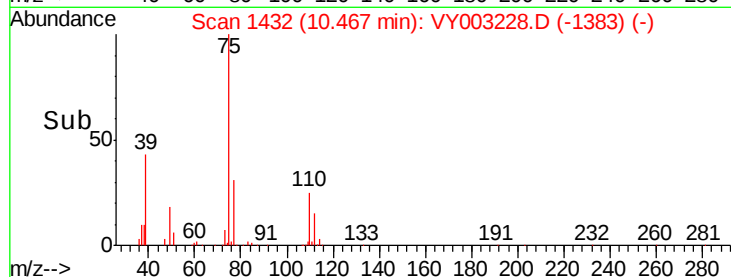
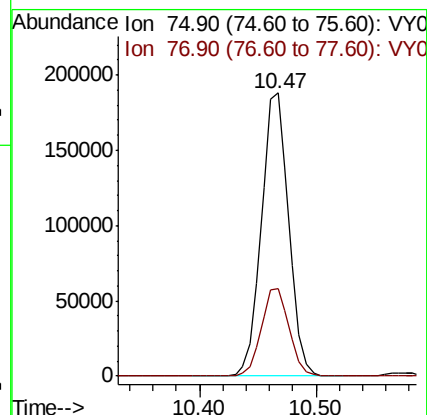
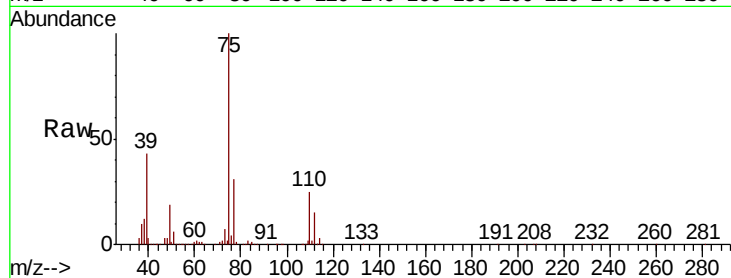
VSTDCCC050

Tot Ion: 75 Resp: 307350

Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 51.627 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

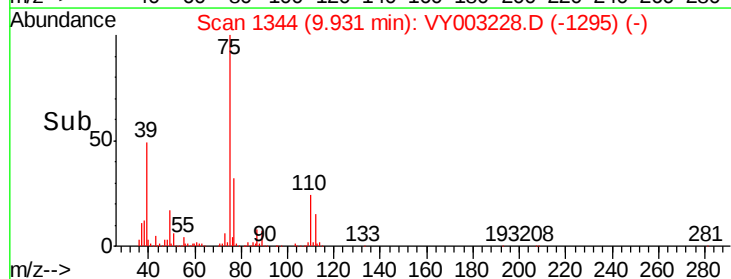
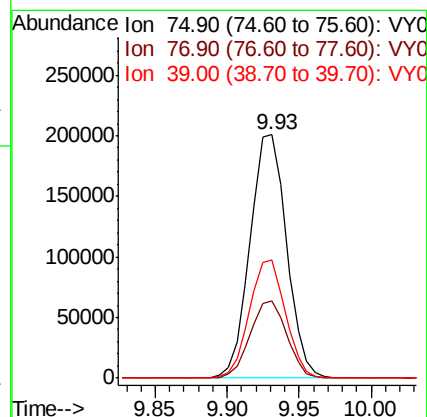
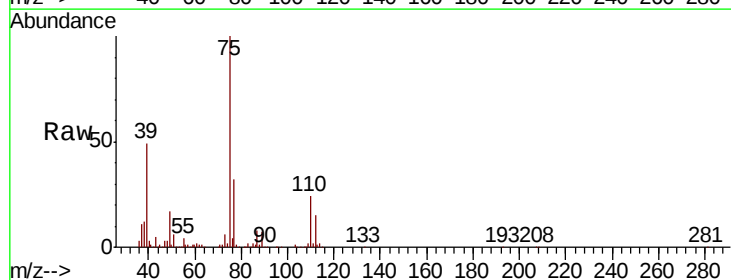
Tgt Ion: 75 Resp: 351713

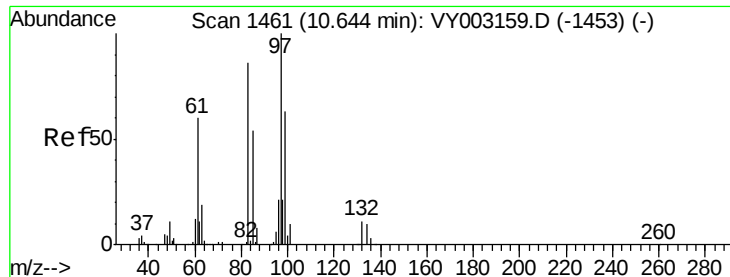
Ion Ratio Lower Upper

75 100

77 31.7 26.7 40.1

39 48.7 37.0 55.6

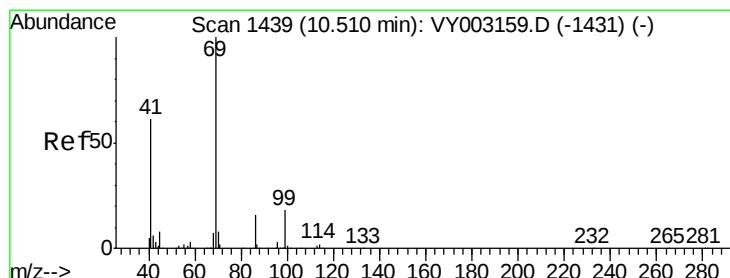
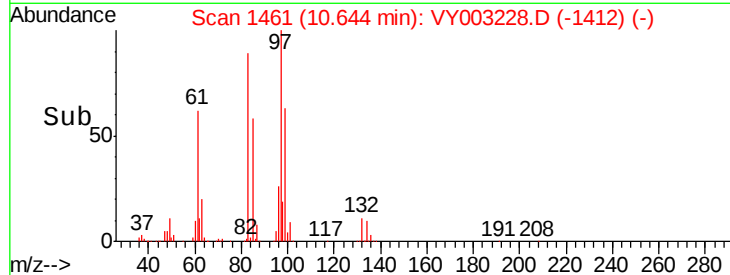
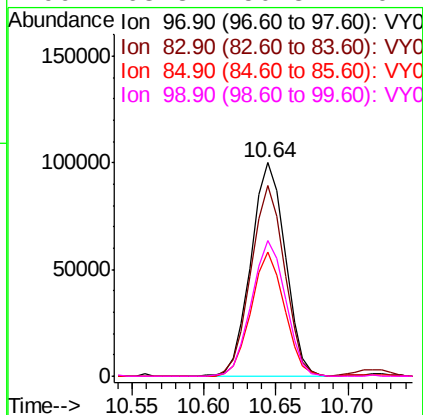
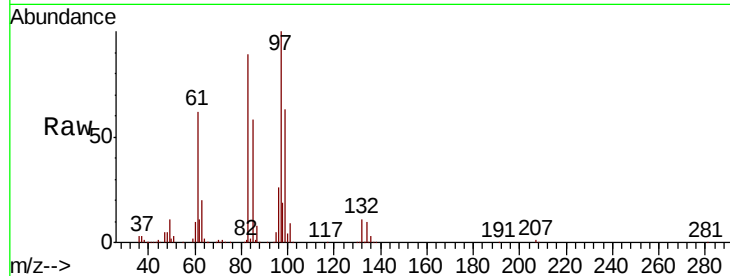




#55
 1,1,2-Trichloroethane
 Concen: 48.540 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

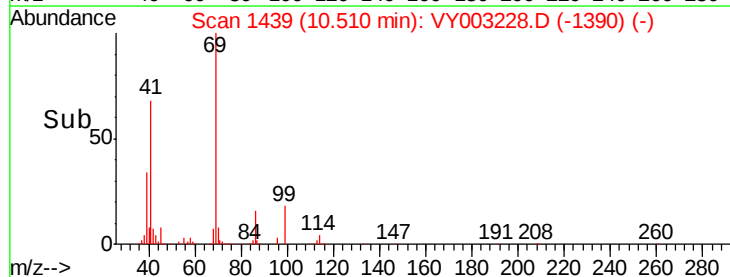
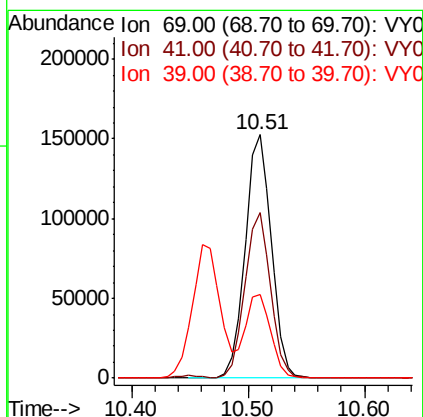
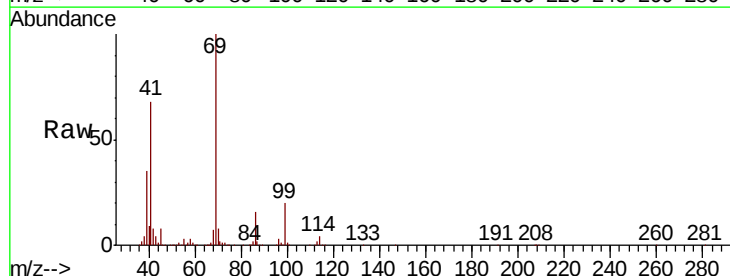
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

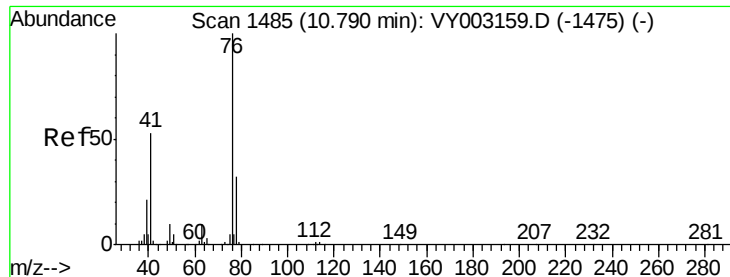
Tot Ion	Ratio	Lower	Upper
97	100		
83	89.1	68.8	103.2
85	58.0	43.1	64.7
99	63.3	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 51.685 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.0	50.0	75.0
39	34.8	27.6	41.4





#57

1,3-Dichloropropane

Concen: 50.132 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

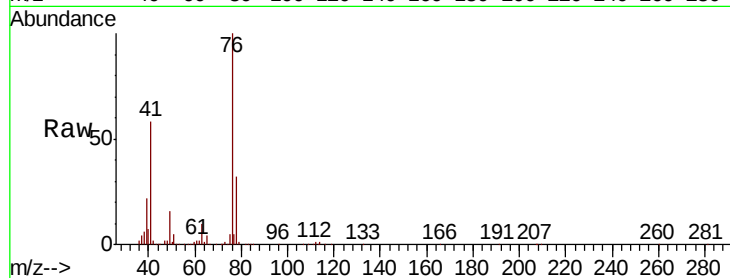
VSTDCCC050

Tot Ion: 76 Resp: 289020

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

200000

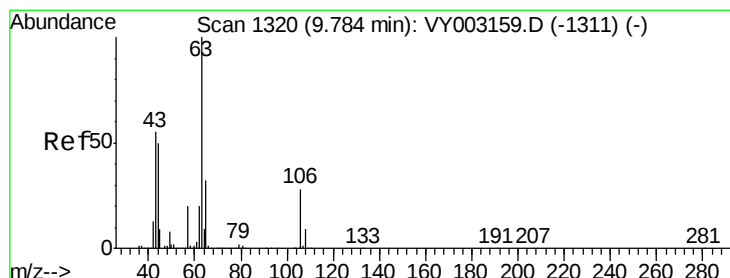
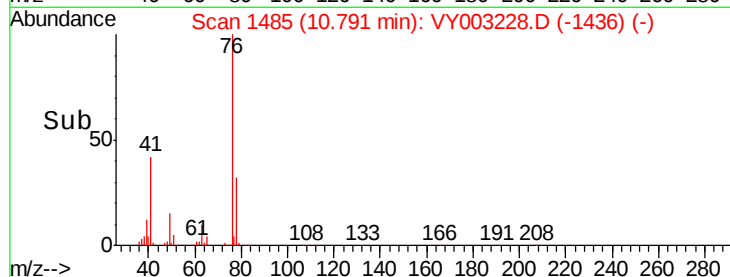
150000

100000

50000

0

Time--> 10.70 10.75 10.80 10.85



#58

2-Chloroethyl Vinyl ether

Concen: 263.834 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003228.D

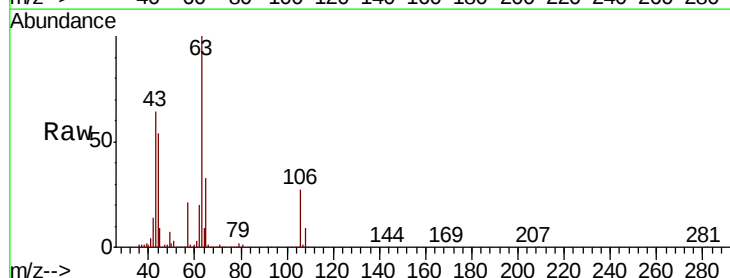
Acq: 20 Jul 2020 12:54

Tgt Ion: 63 Resp: 621998

Ion Ratio Lower Upper

63 100

106 27.0 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

400000

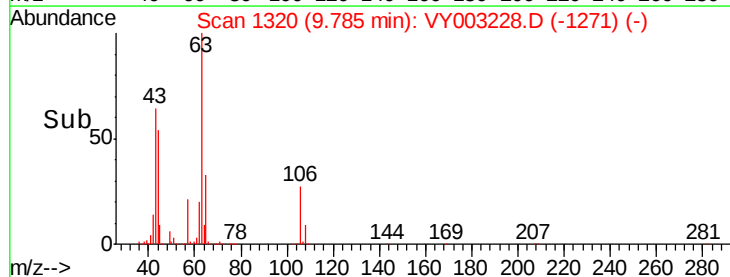
300000

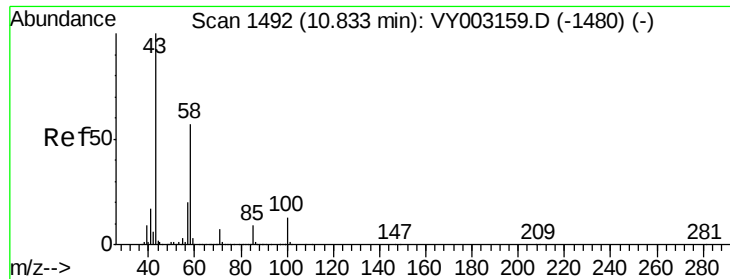
200000

100000

0

Time--> 9.70 9.80 9.90

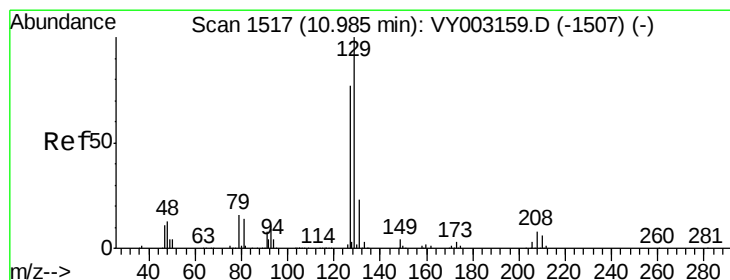
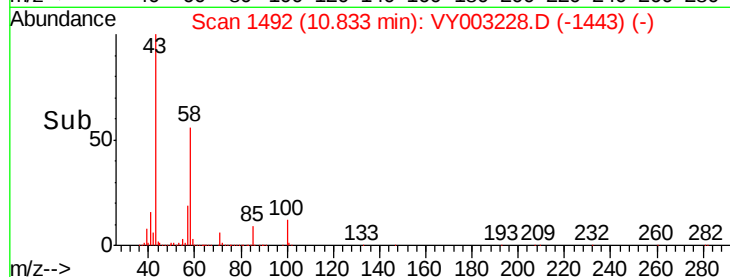
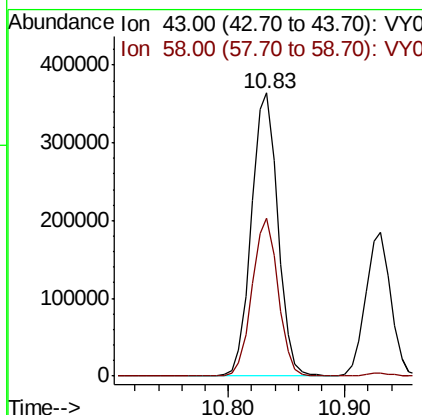
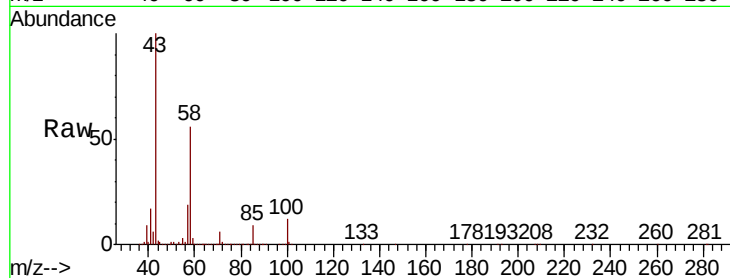




#59
2-Hexanone
Concen: 264.526 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

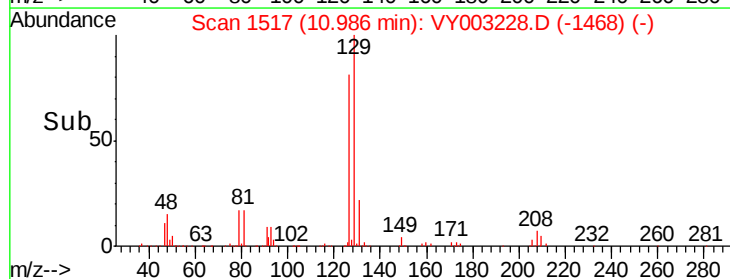
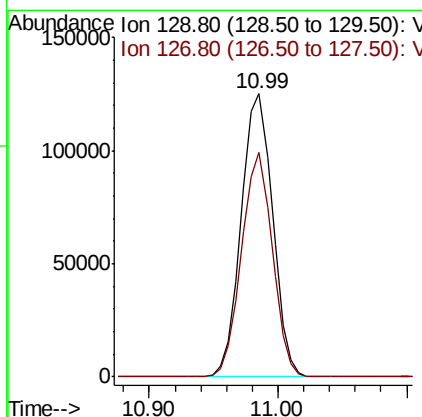
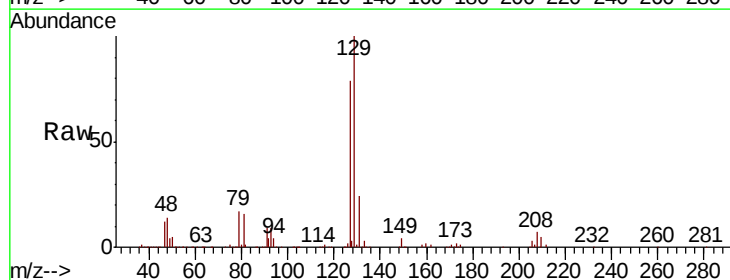
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

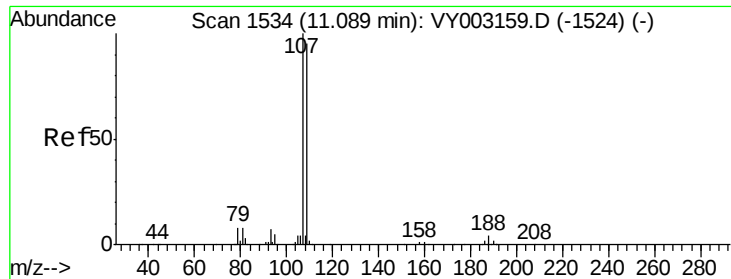
Tot Ion: 43 Resp: 576896
Ion Ratio Lower Upper
43 100
58 54.8 28.3 85.0



#60
Dibromochloromethane
Concen: 49.540 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion: 129 Resp: 211862
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 47.585 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

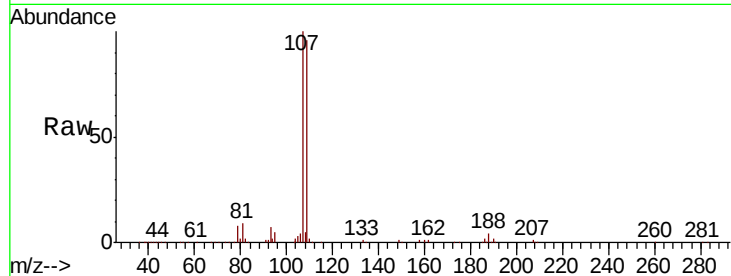
VSTDCCC050

Tot Ion: 107 Resp: 159688

Ion Ratio Lower Upper

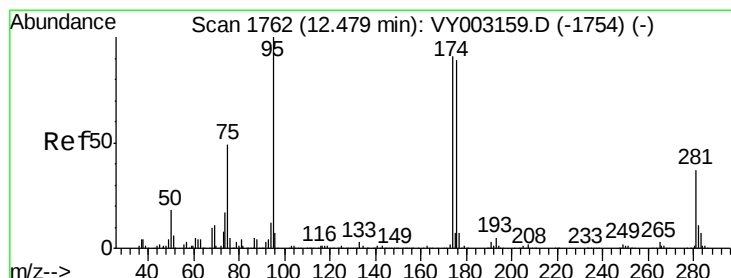
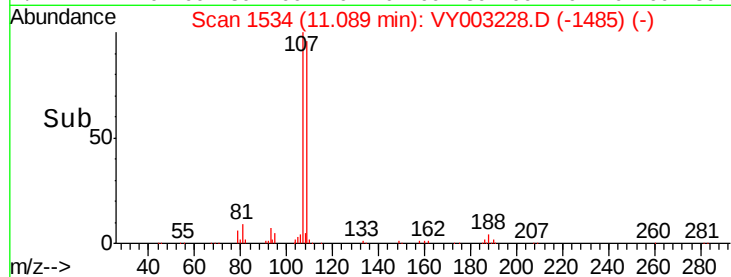
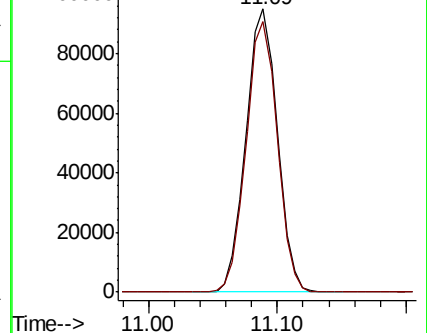
107 100

109 94.9 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.241 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

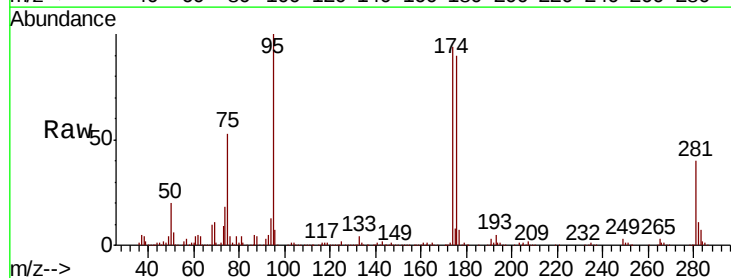
Tgt Ion: 95 Resp: 232303

Ion Ratio Lower Upper

95 100

174 93.6 0.0 190.6

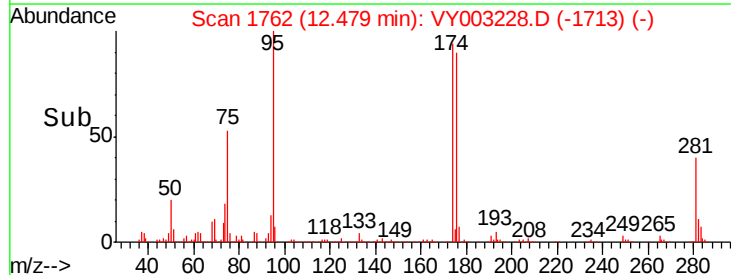
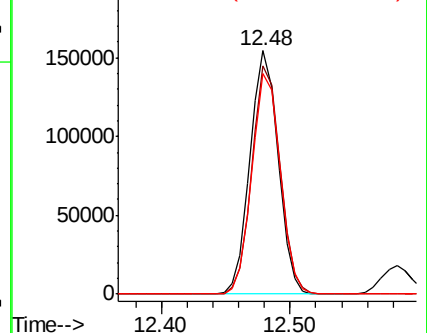
176 91.2 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

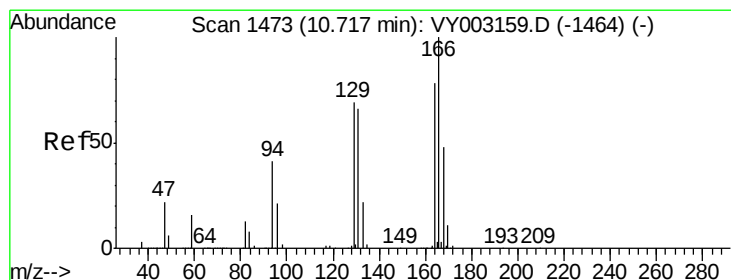
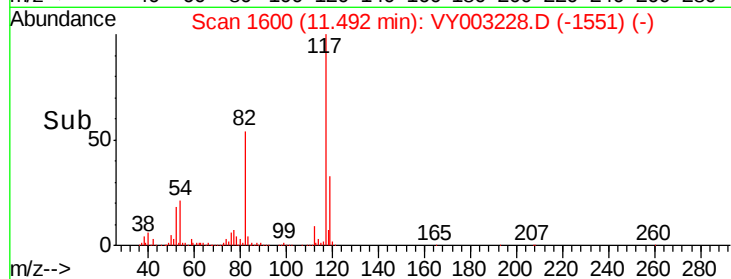
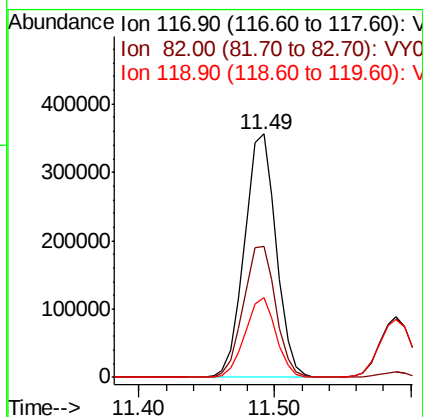
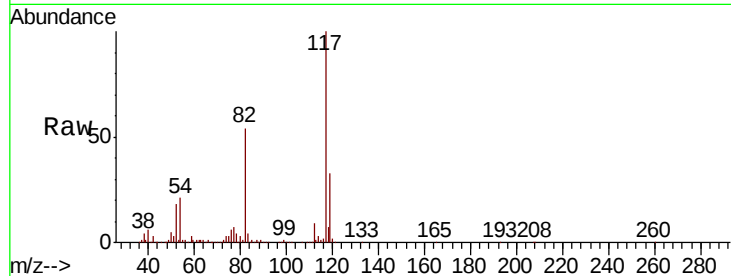




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

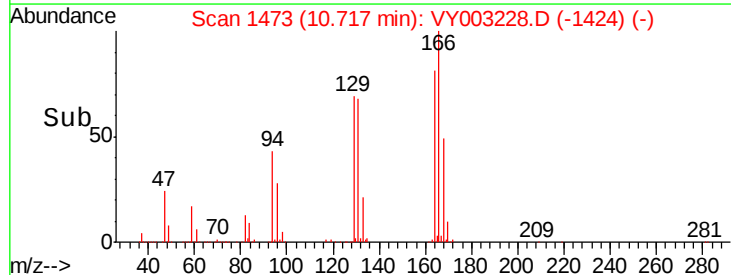
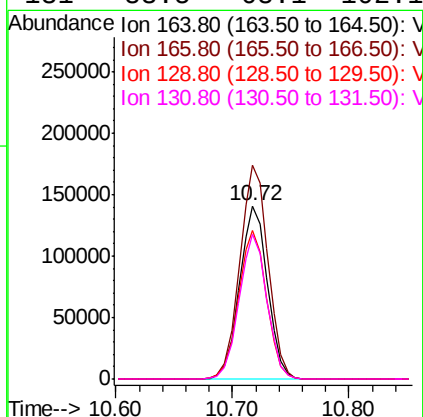
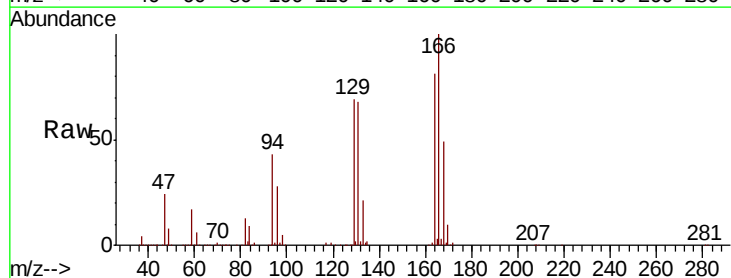
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 580034
Ion Ratio Lower Upper
117 100
82 53.6 42.0 63.0
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 45.563 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion:164 Resp: 235642
Ion Ratio Lower Upper
164 100
166 123.5 102.9 154.3
129 85.6 71.4 107.2
131 83.5 68.1 102.1





#65

Chlorobenzene

Concen: 49.915 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

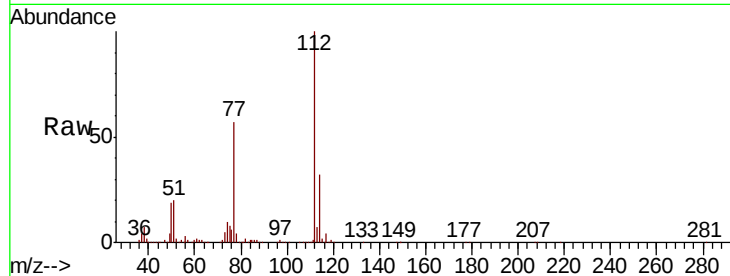
VSTDCCC050

Tot Ion:112 Resp: 557753

Ion Ratio Lower Upper

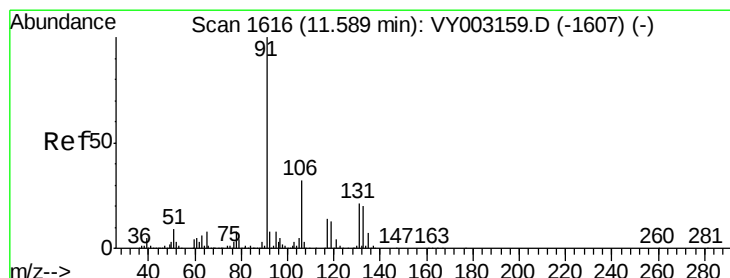
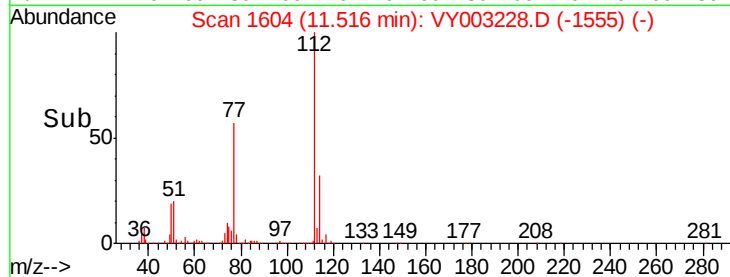
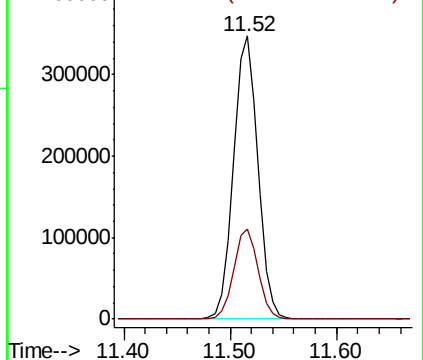
112 100

114 32.0 24.7 37.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.333 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

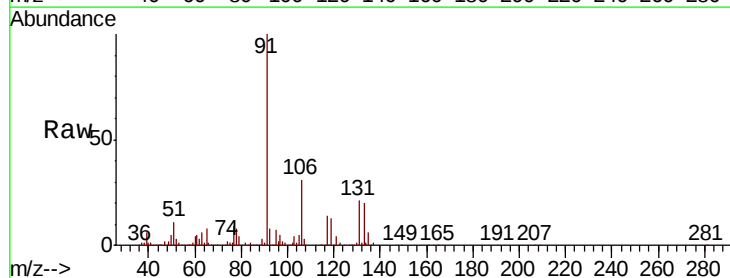
Tgt Ion:131 Resp: 218442

Ion Ratio Lower Upper

131 100

133 95.0 48.0 144.0

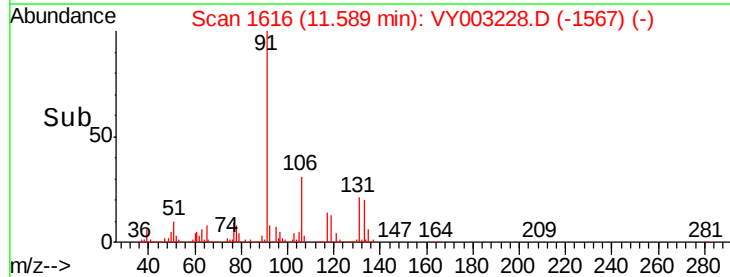
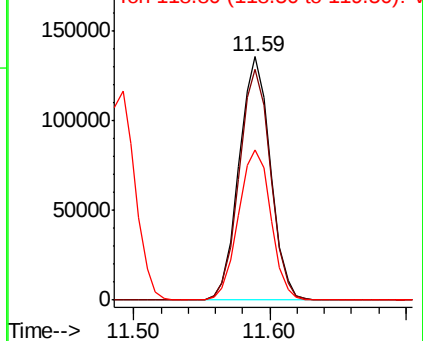
119 63.9 32.4 97.0

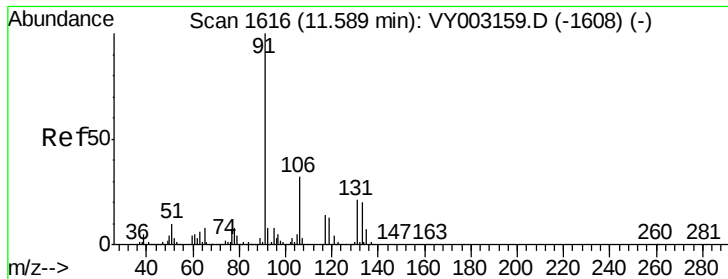


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.227 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

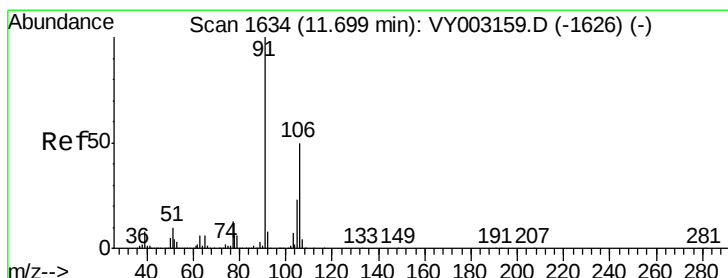
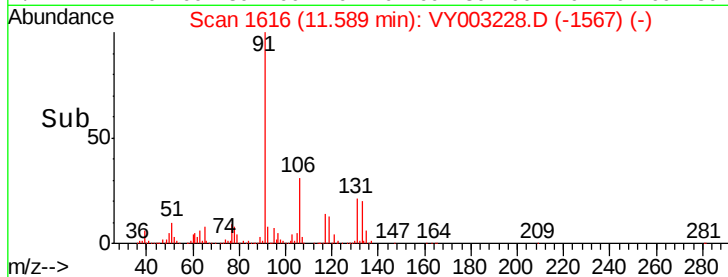
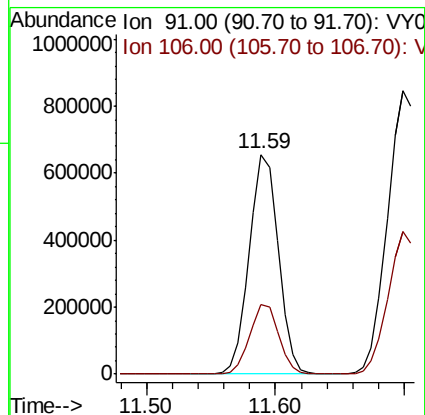
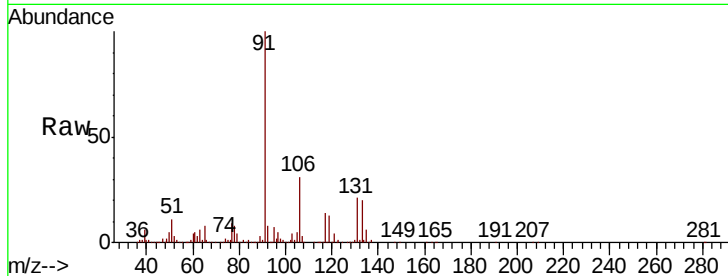
VSTDCCC050

Tot Ion: 91 Resp: 1022043

Ion Ratio Lower Upper

91 100

106 31.5 25.5 38.3



#68

m/p-Xylenes

Concen: 101.209 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003228.D

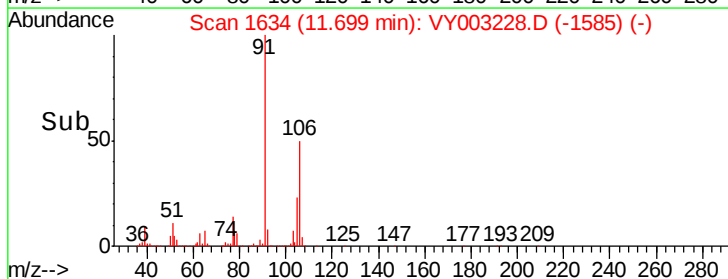
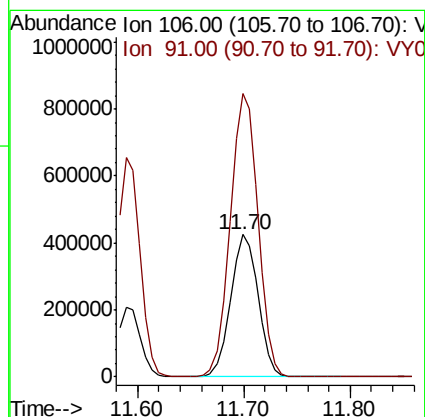
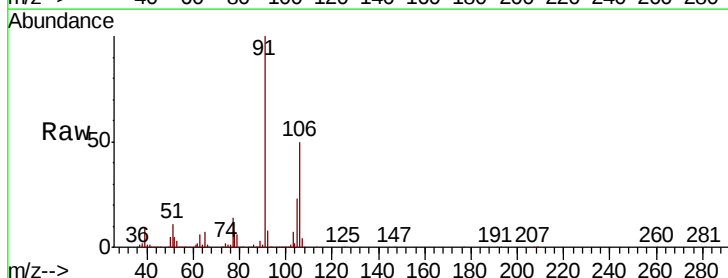
Acq: 20 Jul 2020 12:54

Tgt Ion: 106 Resp: 766159

Ion Ratio Lower Upper

106 100

91 201.6 159.0 238.6

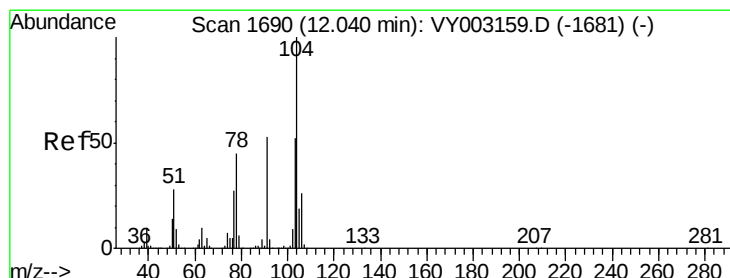
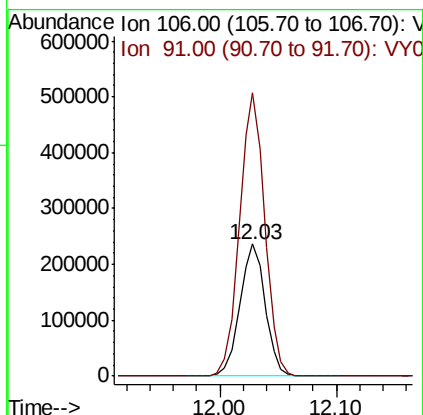
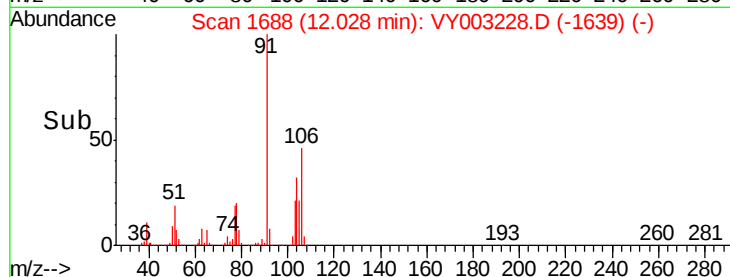
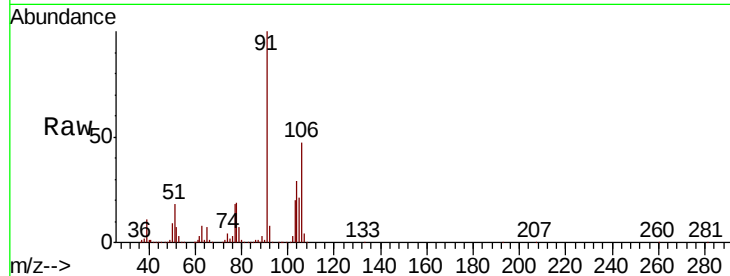




#69
o-Xylene
Concen: 50.628 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

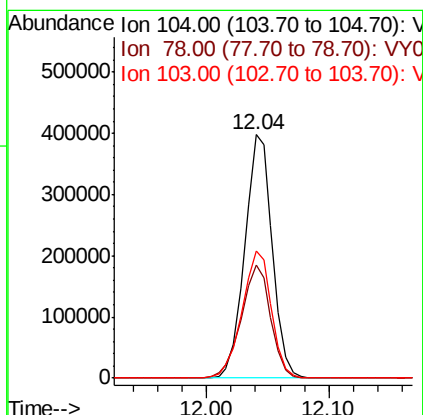
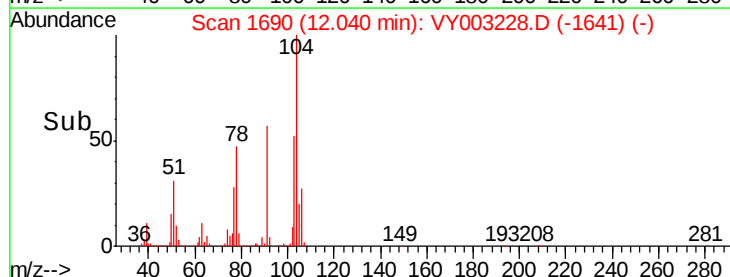
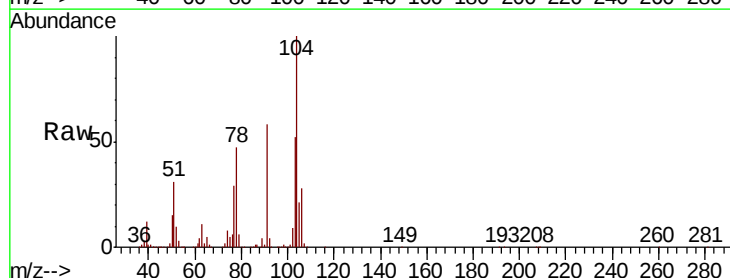
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

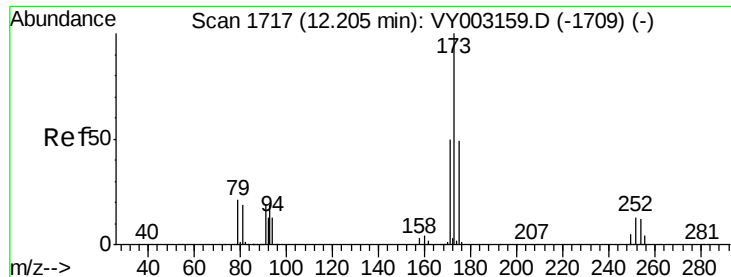
Tot Ion:106 Resp: 358044
Ion Ratio Lower Upper
106 100
91 213.7 105.1 315.1



#70
Styrene
Concen: 51.138 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion:104 Resp: 618666
Ion Ratio Lower Upper
104 100
78 49.8 38.5 57.7
103 55.8 43.9 65.9





#71

Bromoform

Concen: 48.042 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

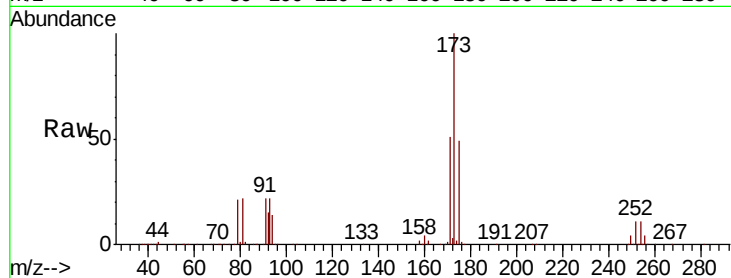
Tot Ion:173 Resp: 136843

Ion Ratio Lower Upper

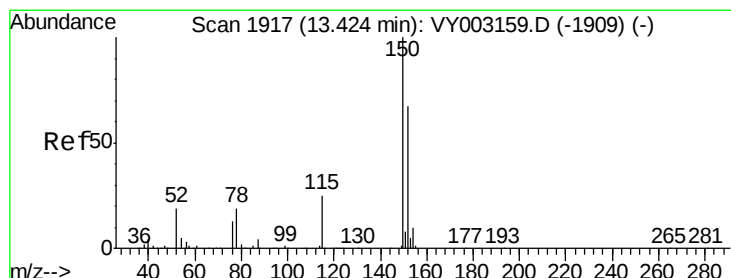
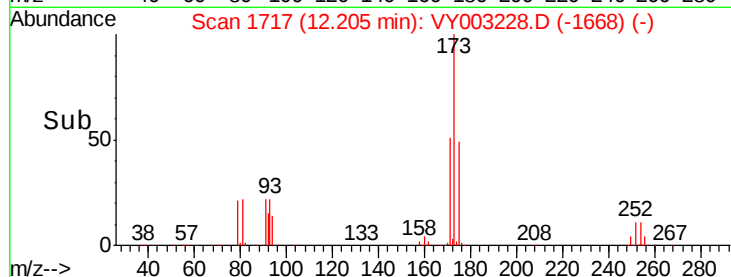
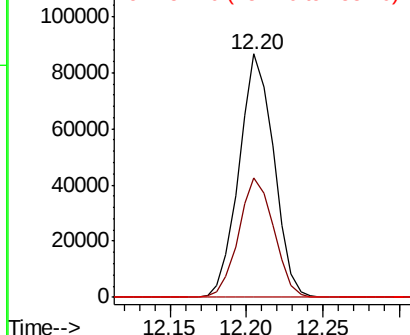
173 100

175 49.8 24.3 73.0

254 0.1 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: VY003228.D

Acq: 20 Jul 2020 12:54

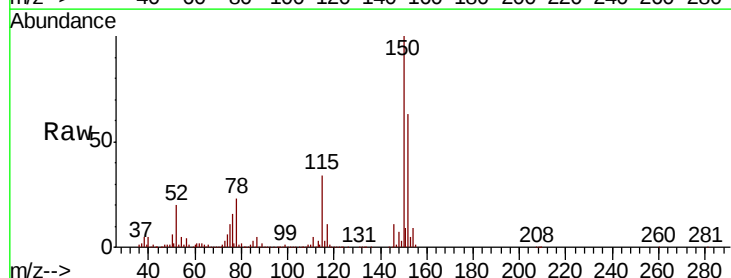
Tgt Ion:152 Resp: 306770

Ion Ratio Lower Upper

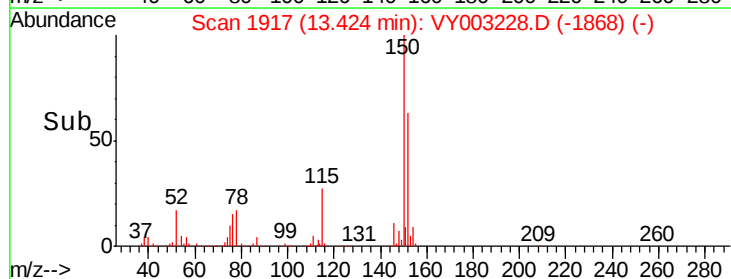
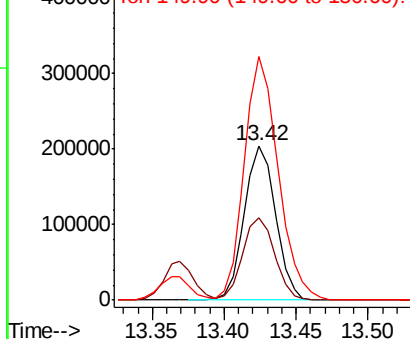
152 100

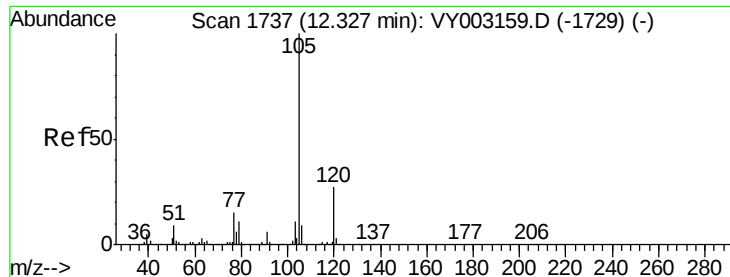
115 54.4 26.9 80.7

150 170.8 0.0 338.0



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: 50.737 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

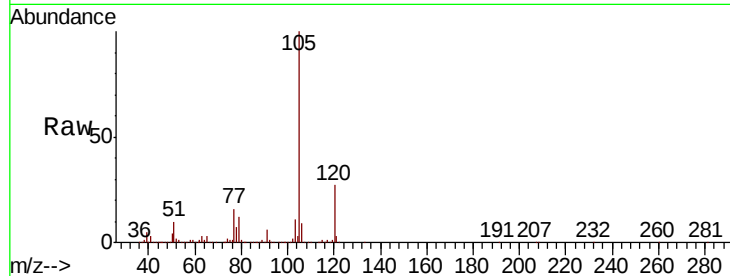
VSTDCCC050

Tot Ion:105 Resp: 991878

Ion Ratio Lower Upper

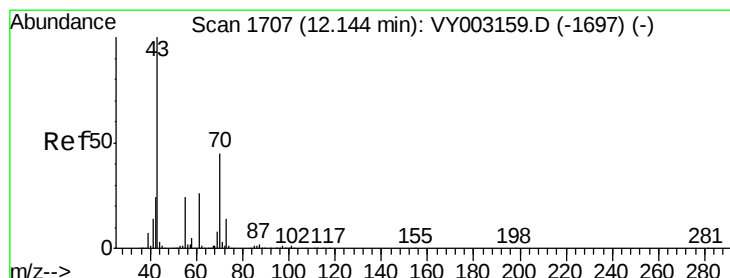
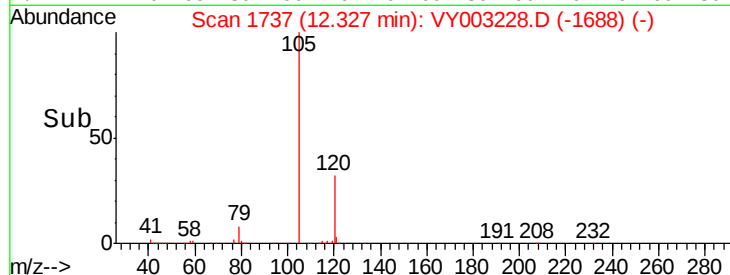
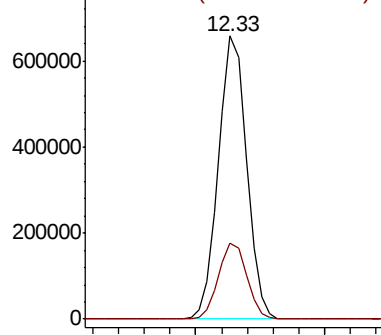
105 100

120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.793 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Tgt Ion: 43 Resp: 295070

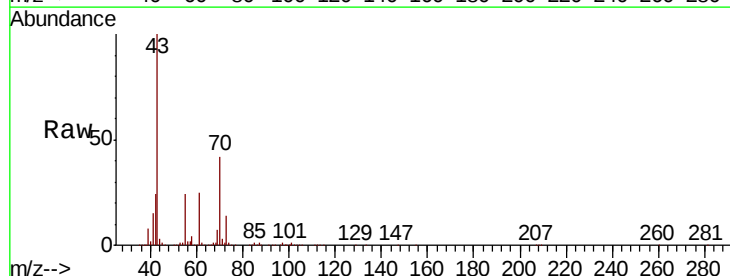
Ion Ratio Lower Upper

43 100

70 42.2 35.6 53.4

55 23.7 19.4 29.2

61 24.0 20.8 31.2

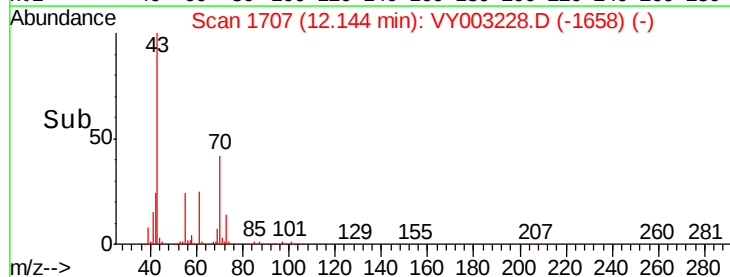
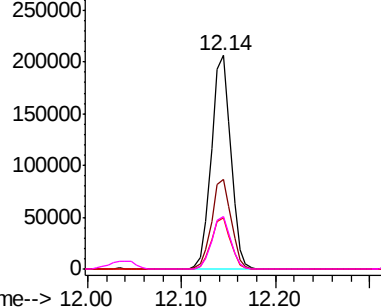


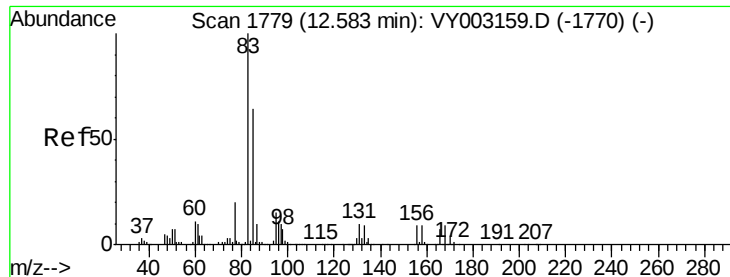
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 50.283 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

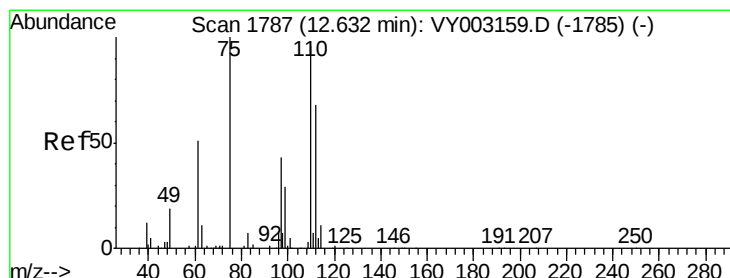
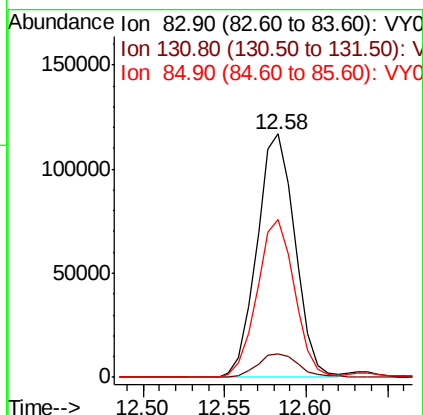
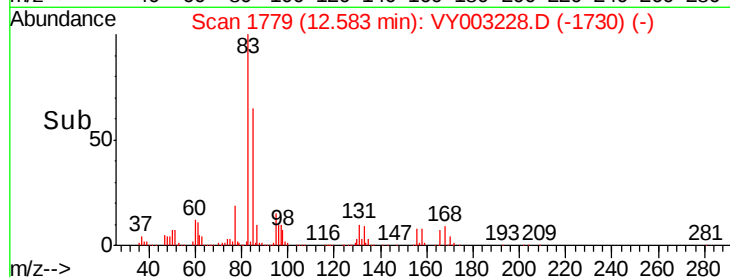
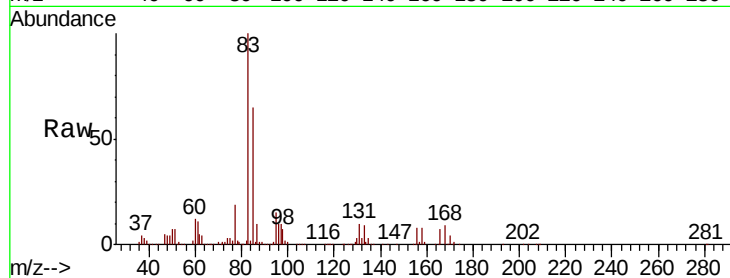
Tot Ion: 83 Resp: 189854

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

85 63.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 95.984 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003228.D

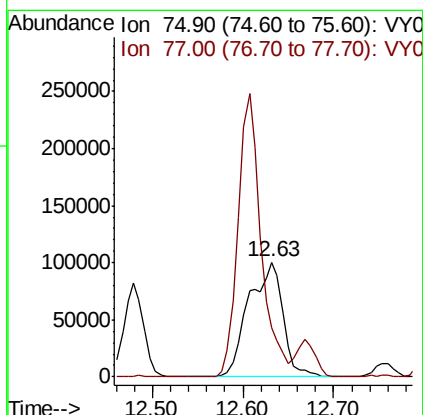
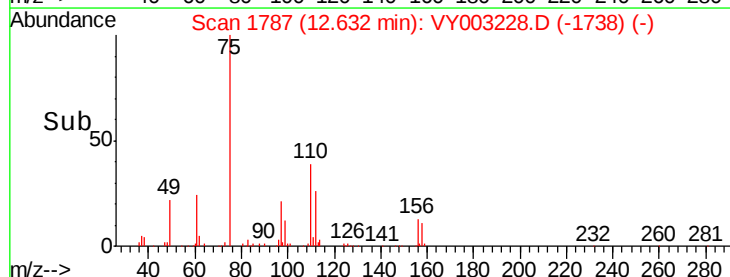
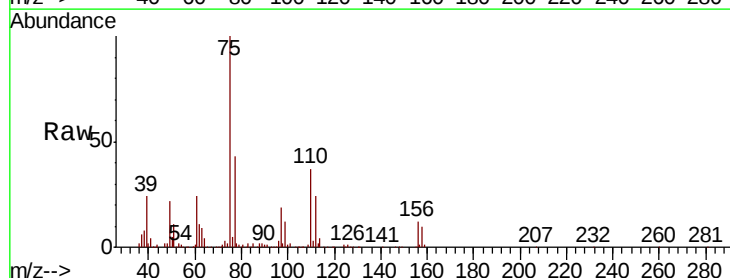
Acq: 20 Jul 2020 12:54

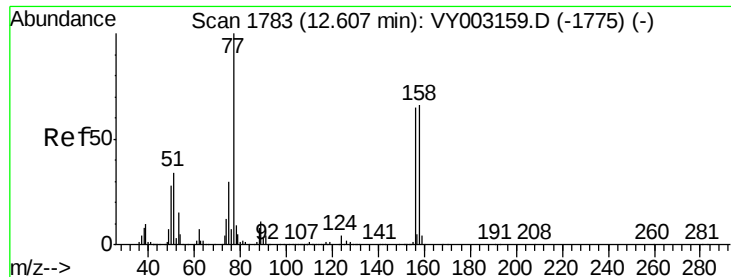
Tgt Ion: 75 Resp: 260639

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.405 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

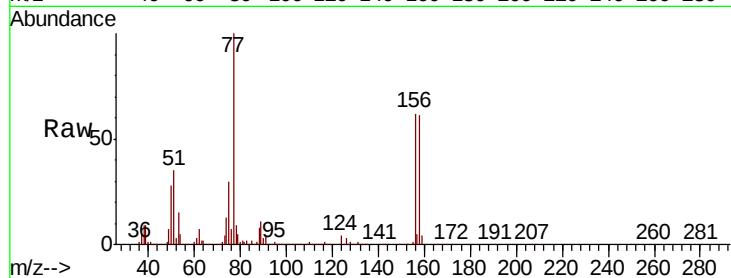
Tot Ion:156 Resp: 246195

Ion Ratio Lower Upper

156 100

77 178.2 86.6 259.7

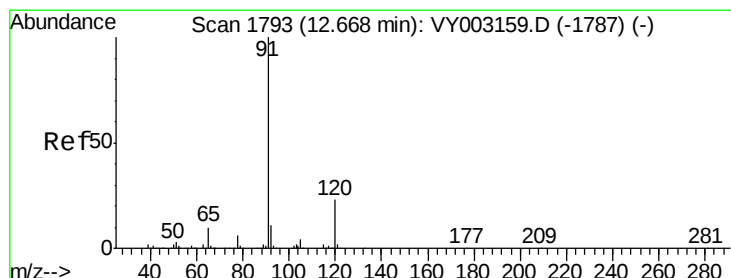
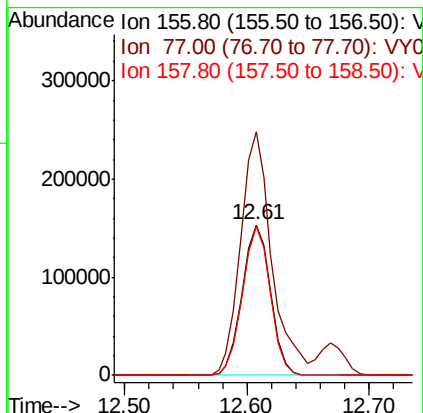
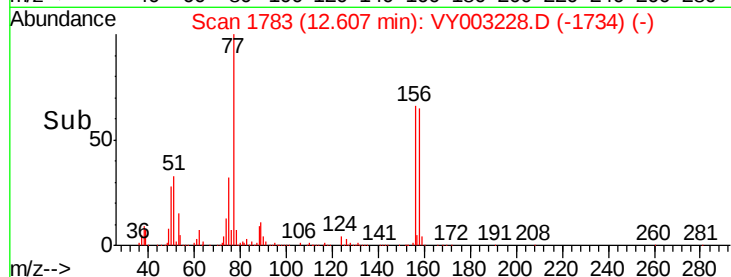
158 97.2 49.4 148.0



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: 52.024 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003228.D

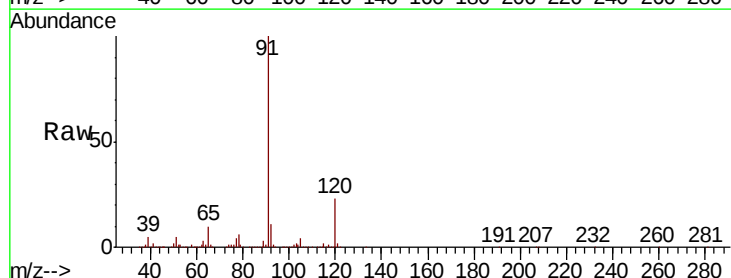
Acq: 20 Jul 2020 12:54

Tgt Ion: 91 Resp: 1198835

Ion Ratio Lower Upper

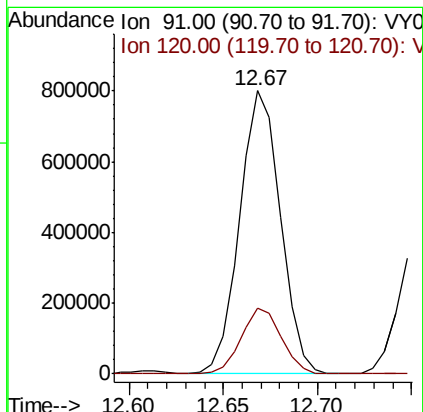
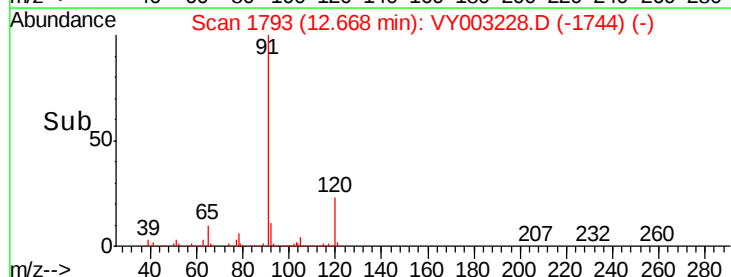
91 100

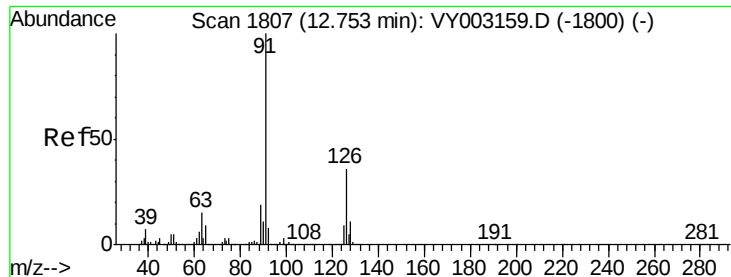
120 22.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

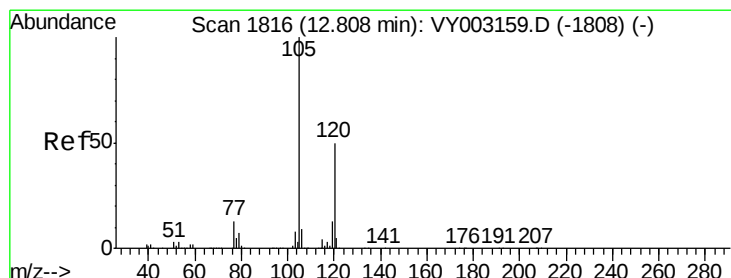
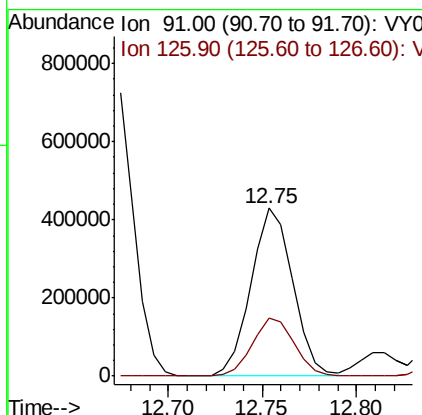
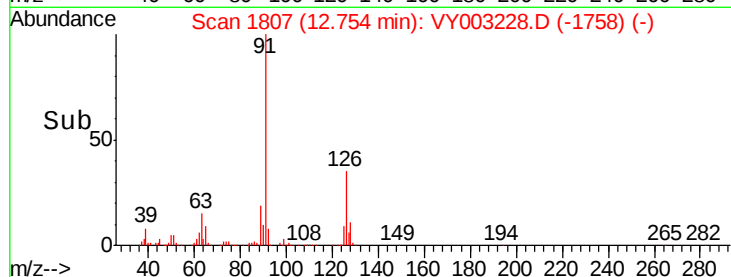
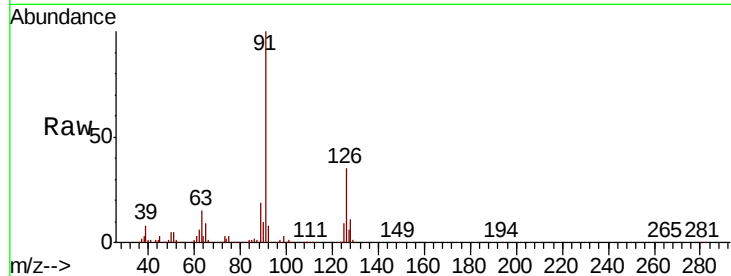




#79
 2-Chlorotoluene
 Concen: 51.542 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

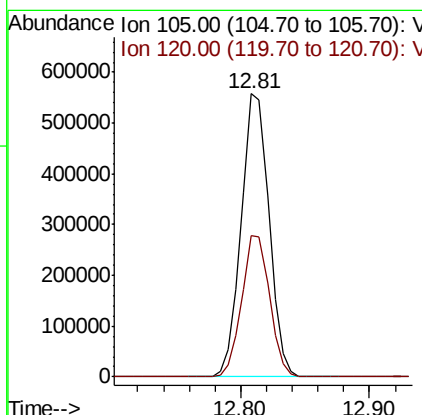
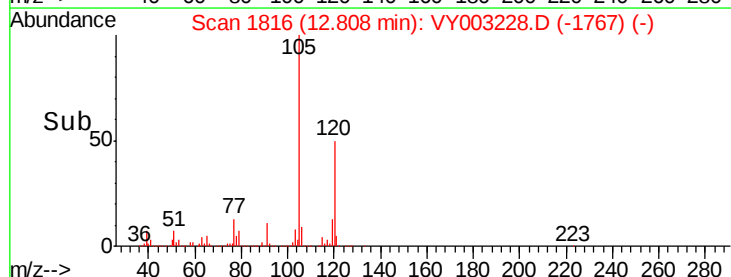
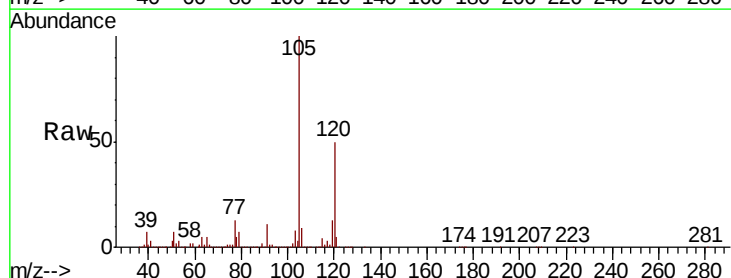
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

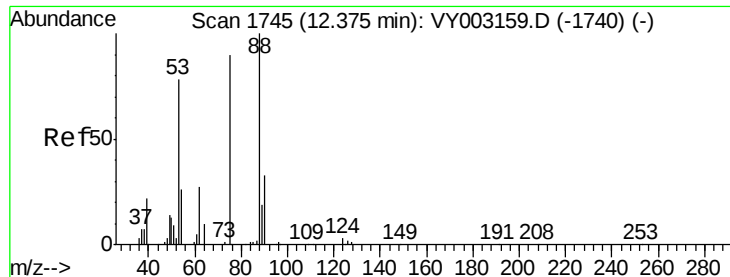
Tot Ion: 91 Resp: 662675
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 50.968 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Tgt Ion: 105 Resp: 830447
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.257 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

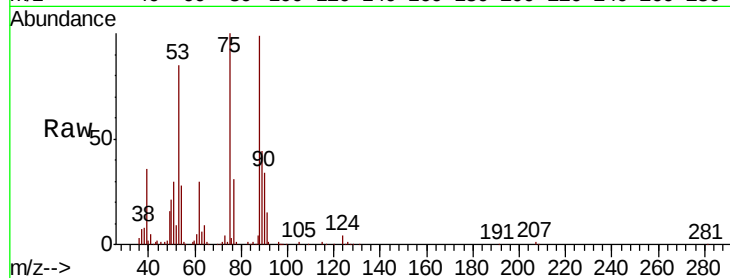
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 71517

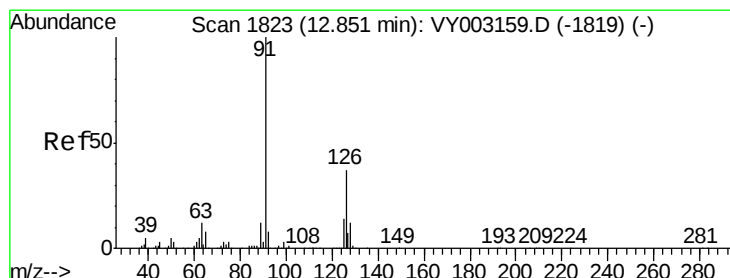
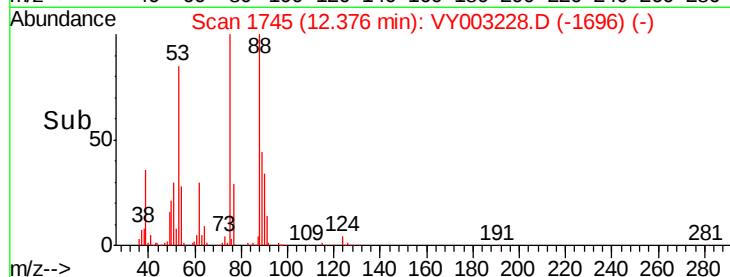
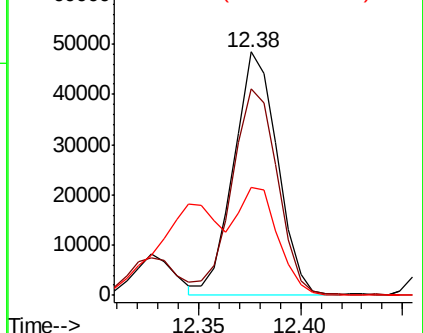
Ion	Ratio	Lower	Upper
75	100		
53	89.8	72.0	108.0
89	41.2	37.3	55.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 51.728 ug/l

RT: 12.85 min Scan# 1823

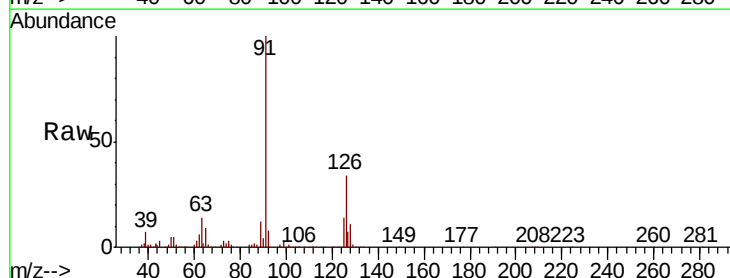
Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

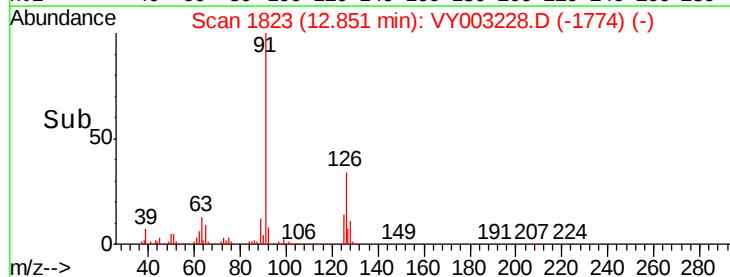
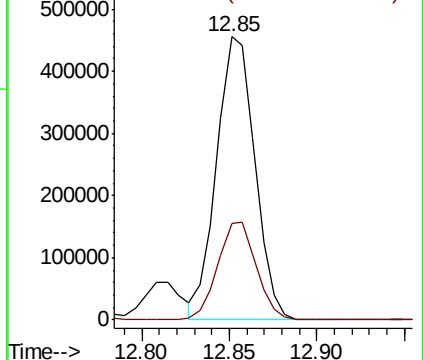
Tgt Ion: 91 Resp: 694176

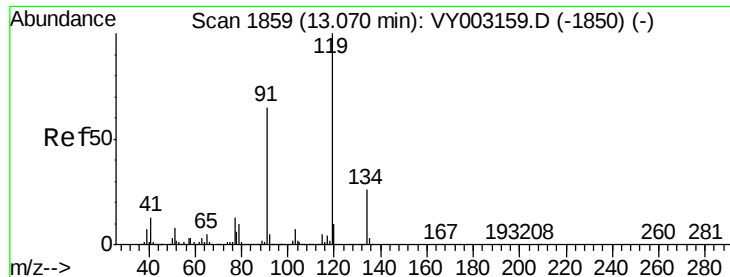
Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.9	53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

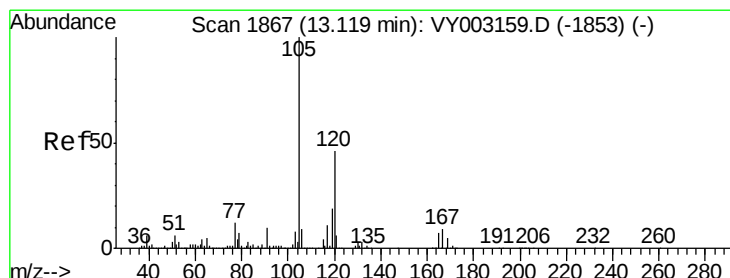
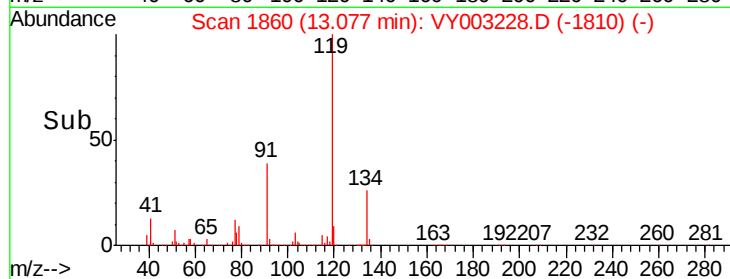
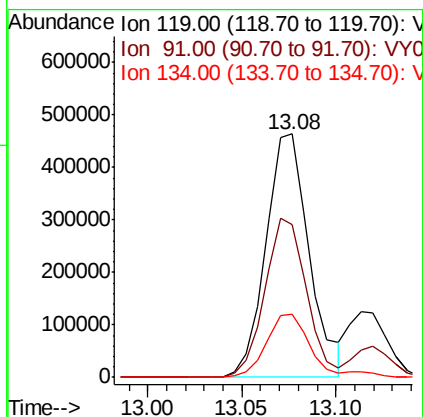
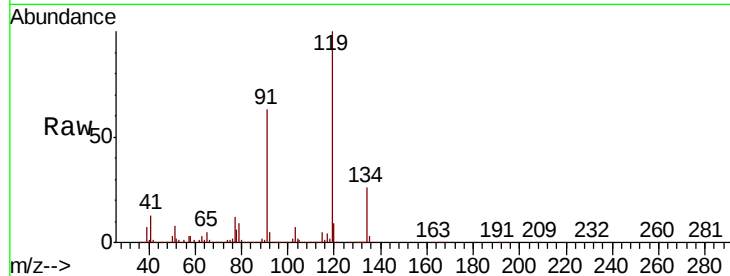




#83
tert-Butylbenzene
Concen: 51.493 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

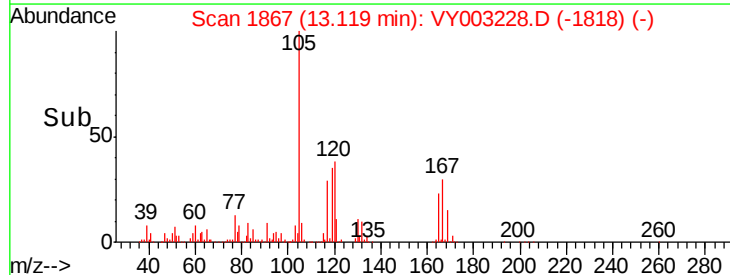
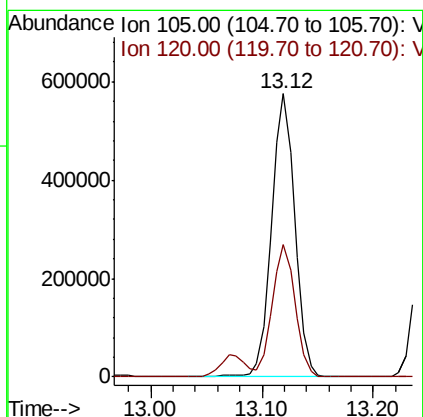
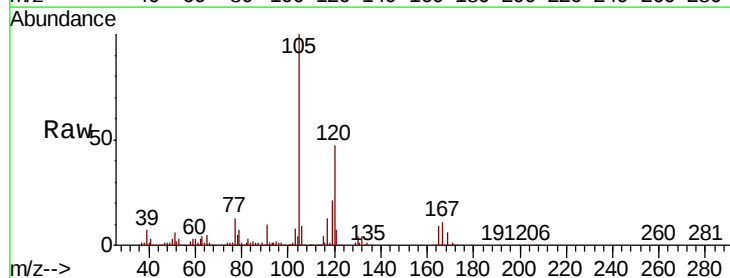
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

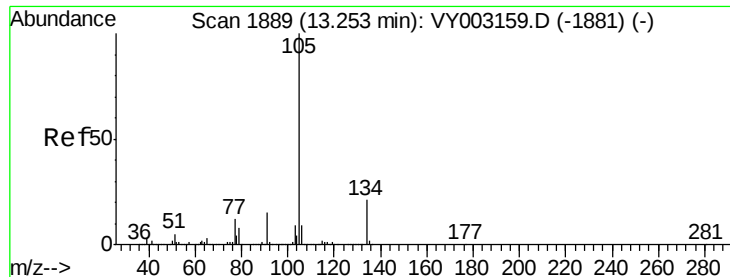
Tot Ion:119 Resp: 740313
Ion Ratio Lower Upper
119 100
91 62.7 30.8 92.4
134 26.9 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 51.197 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion:105 Resp: 839328
Ion Ratio Lower Upper
105 100
120 45.5 22.5 67.5





#85

sec-Butylbenzene

Concen: 51.941 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

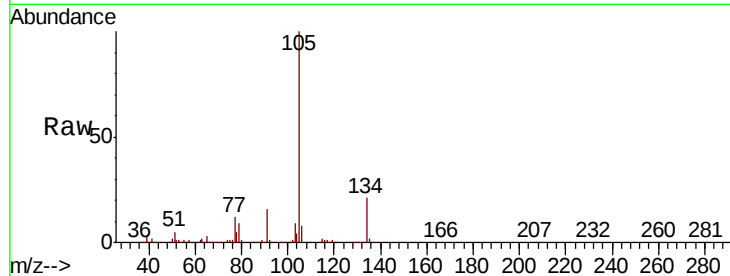
VSTDCCC050

Tot Ion:105 Resp: 1026365

Ion Ratio Lower Upper

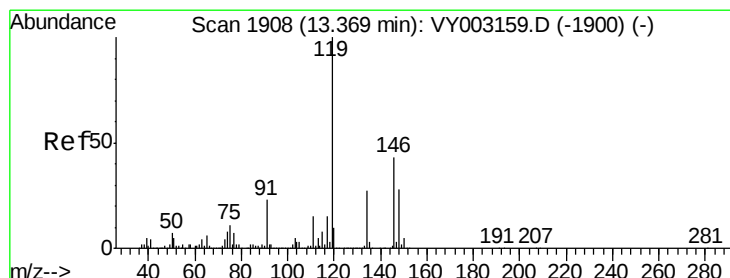
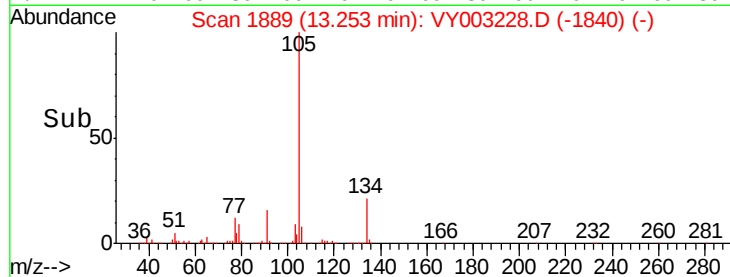
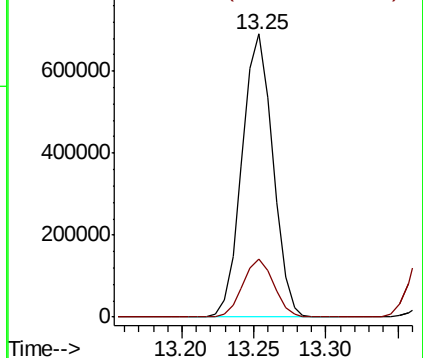
105 100

134 20.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.587 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

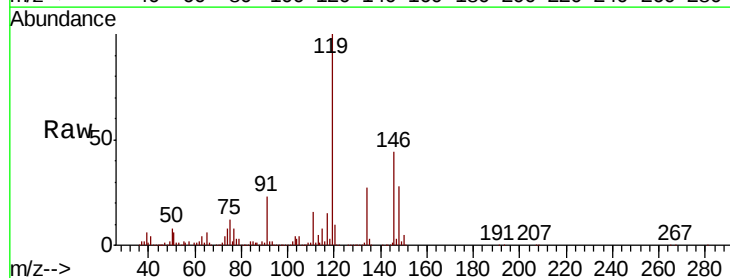
Tgt Ion:119 Resp: 951785

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

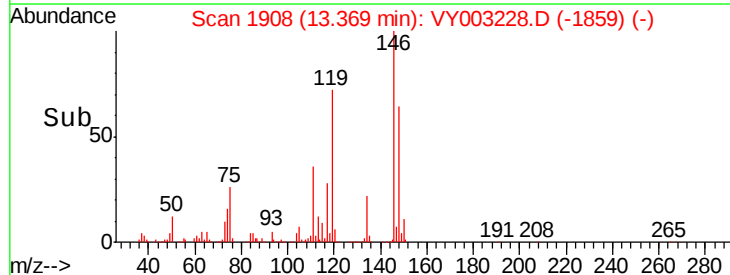
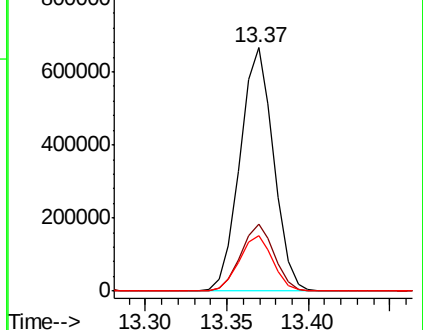
91 22.8 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 50.555 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

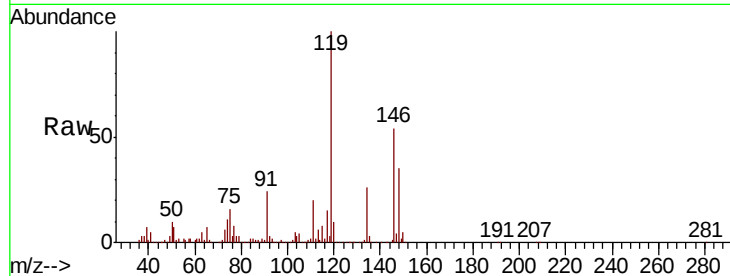
Tot Ion:146 Resp: 476403

Ion Ratio Lower Upper

146 100

111 37.3 18.8 56.3

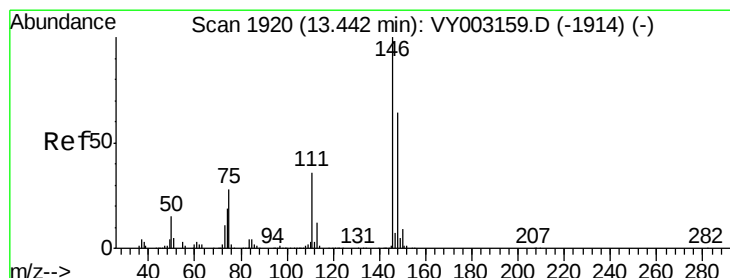
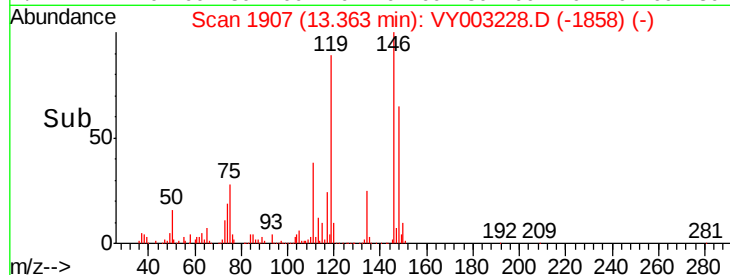
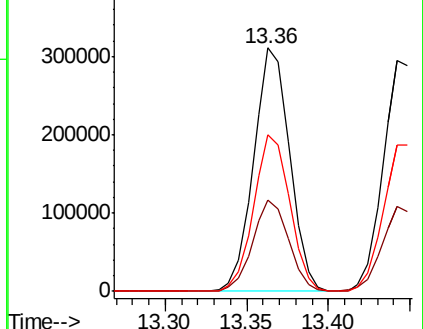
148 64.5 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.821 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

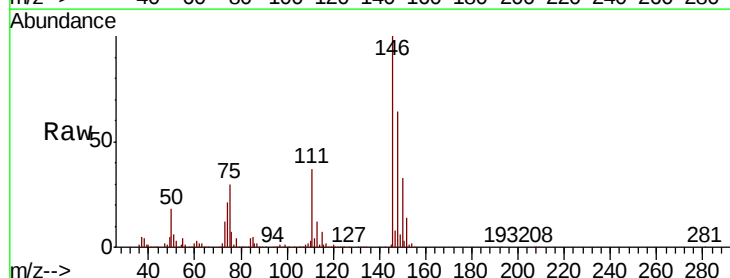
Tgt Ion:146 Resp: 464819

Ion Ratio Lower Upper

146 100

111 36.5 18.4 55.0

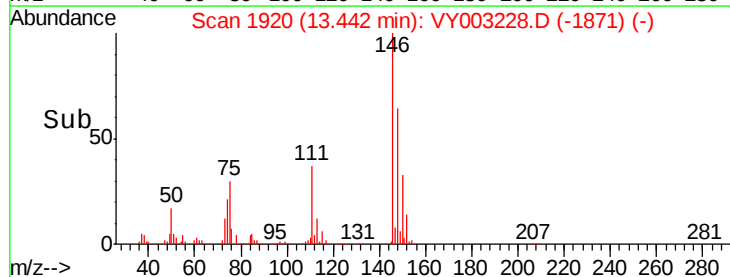
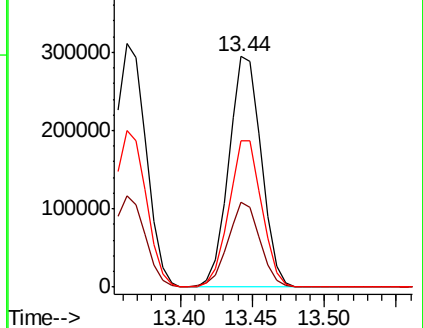
148 64.2 32.0 96.0

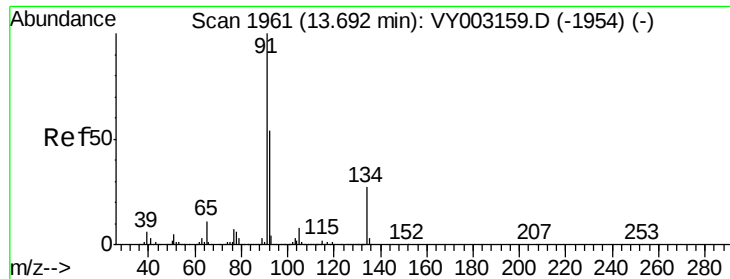


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

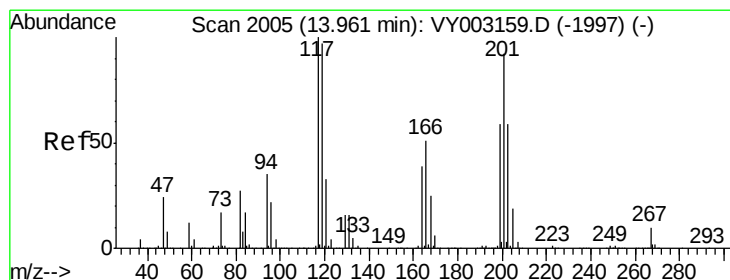
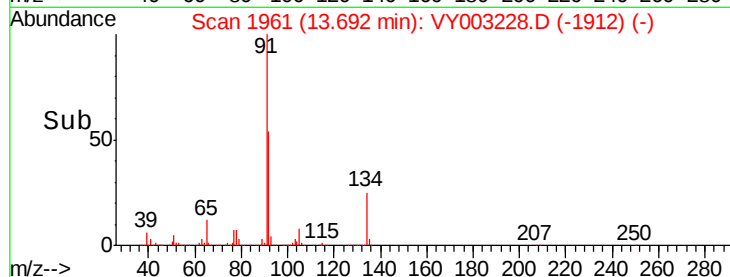
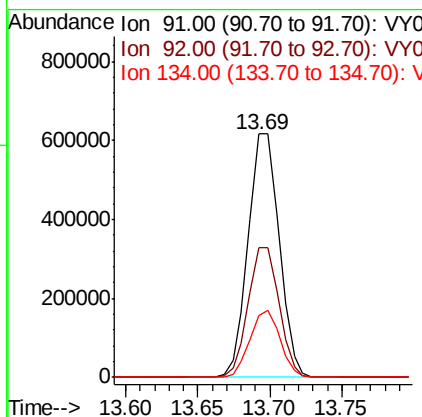
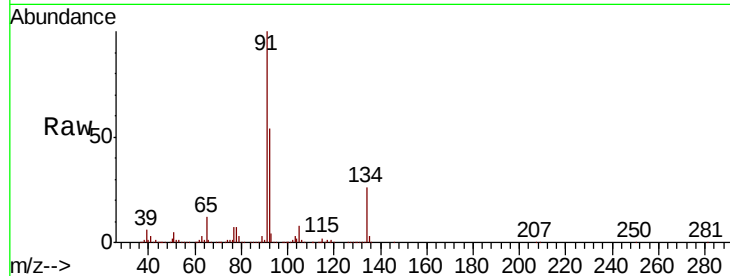




#89
n-Butylbenzene
Concen: 53.048 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

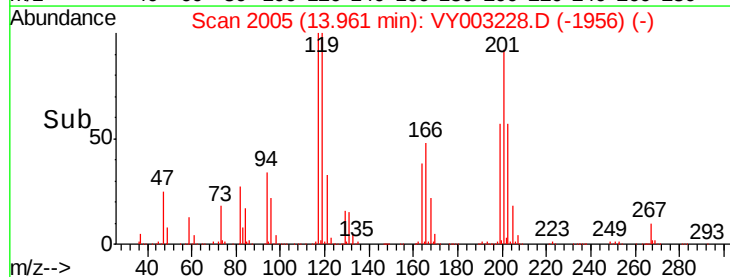
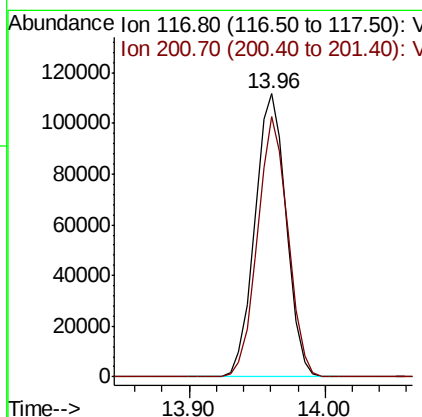
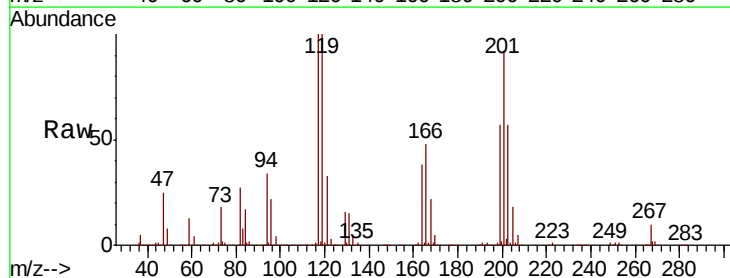
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

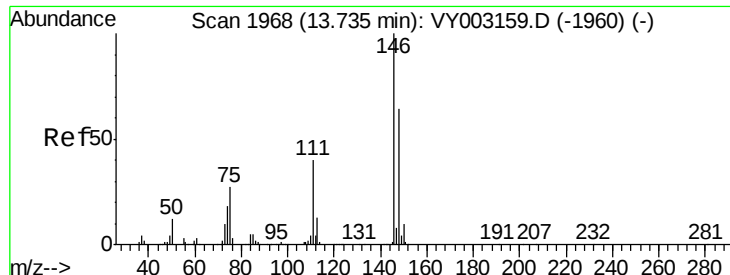
Tot Ion	91	Resp	920627
Ion Ratio	Lower	Upper	
91	100		
92	53.2	26.9	80.7
134	26.8	13.6	40.7



#90
Hexachloroethane
Concen: 53.711 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003228.D
Acq: 20 Jul 2020 12:54

Tgt Ion	117	Resp	180466
Ion Ratio	Lower	Upper	
117	100		
201	89.2	45.1	135.3

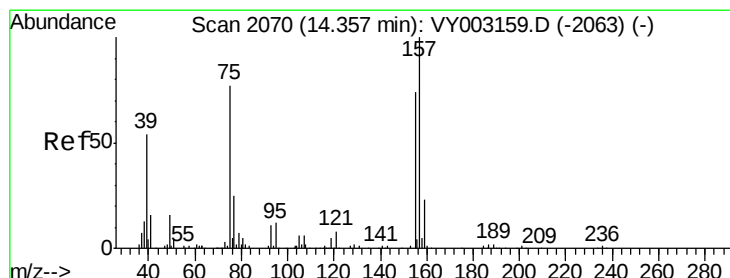
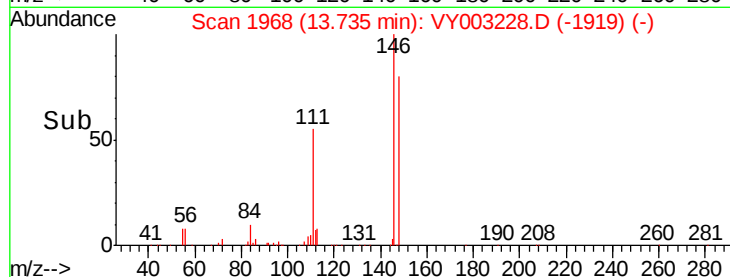
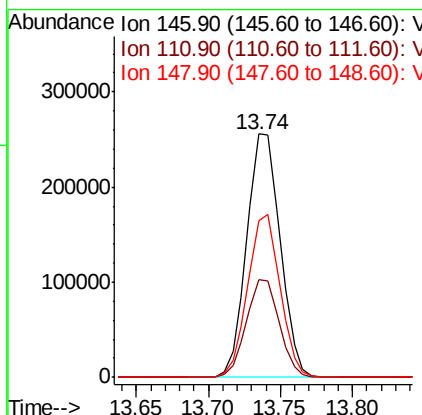
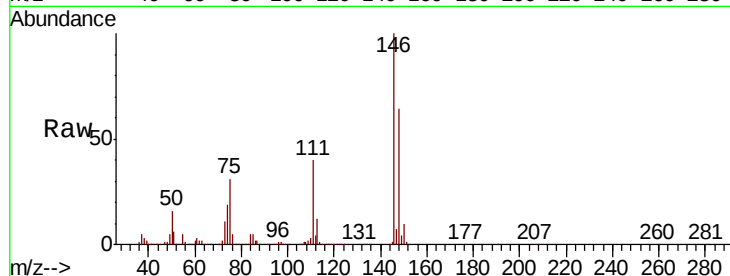




#91
 1,2-Dichlorobenzene
 Concen: 49.648 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

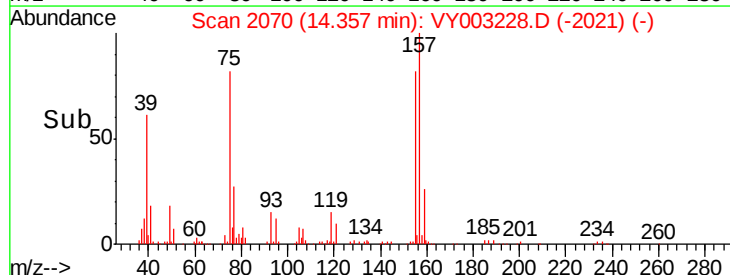
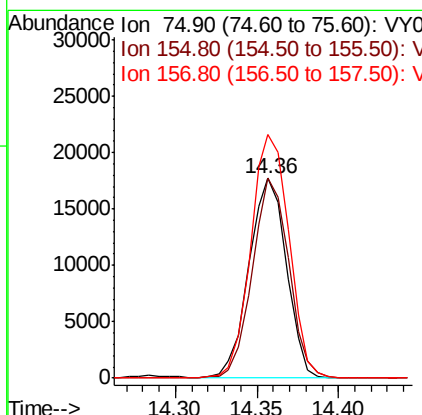
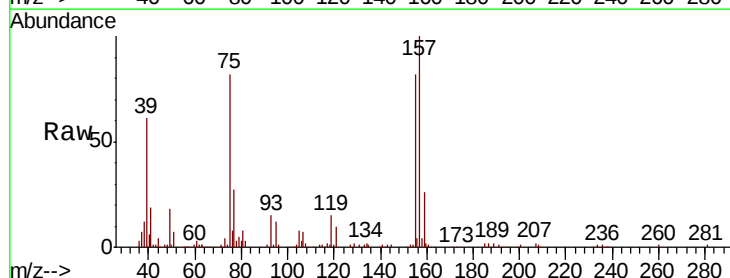
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

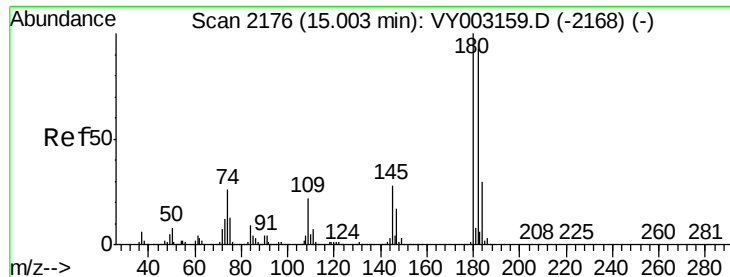
Tot Ion:146 Resp: 410580
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.6 58.8
 148 64.6 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.540 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Tgt Ion: 75 Resp: 28488
 Ion Ratio Lower Upper
 75 100
 155 96.9 48.1 144.3
 157 123.4 61.9 185.6

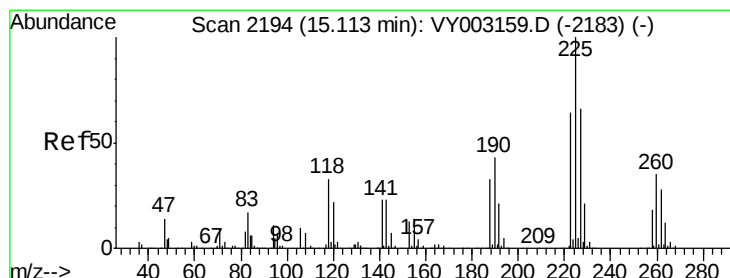
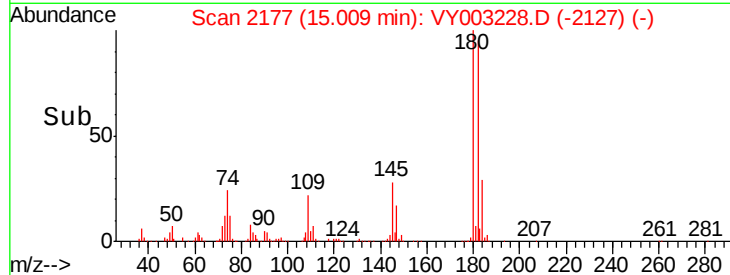
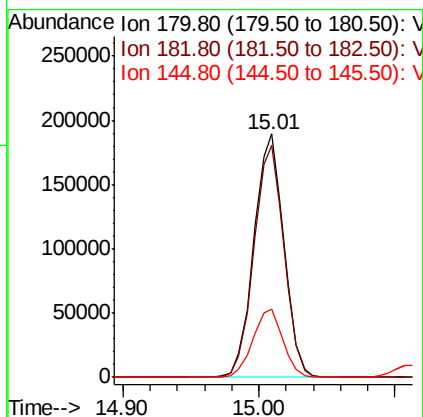
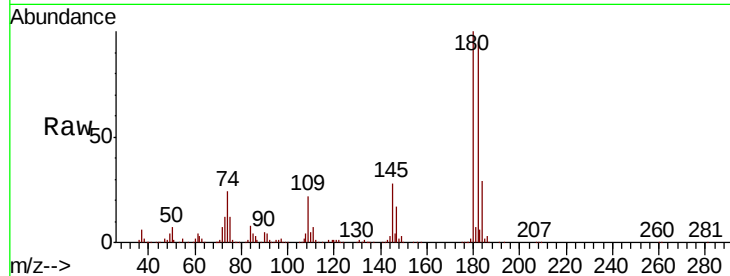




#93
 1,2,4-Trichlorobenzene
 Concen: 49.640 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

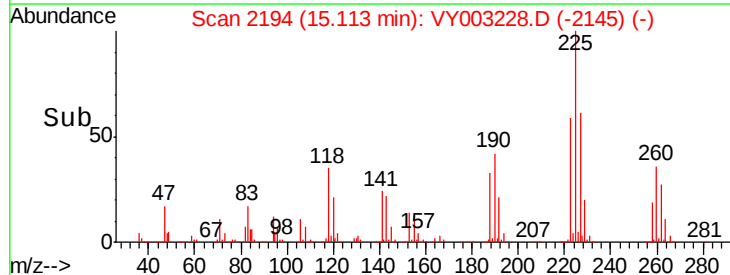
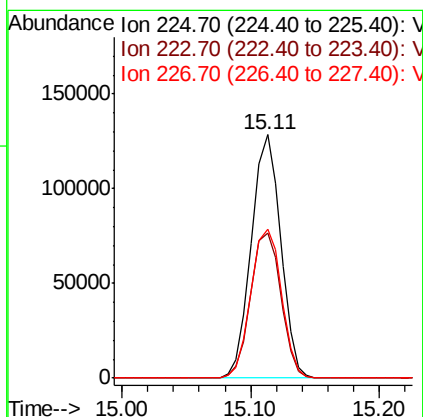
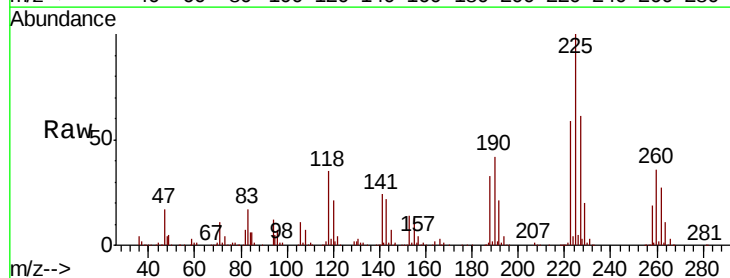
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

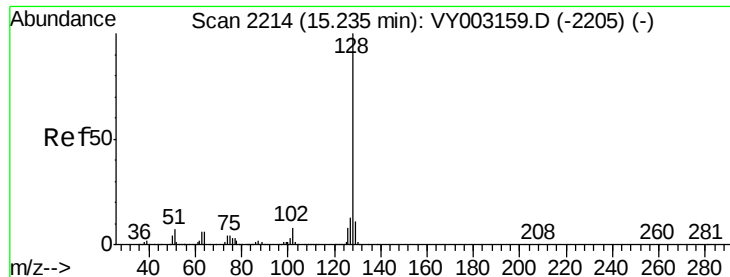
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	142.0
145	28.2	13.7	41.1



#94
 Hexachlorobutadiene
 Concen: 50.103 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003228.D
 Acq: 20 Jul 2020 12:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.6	94.7
227	63.9	32.3	96.8





#95

Naphthalene

Concen: 48.929 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

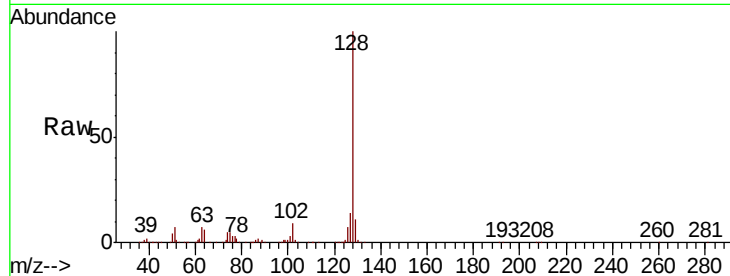
Tot Ion:128 Resp: 475727

Ion Ratio Lower Upper

128 100

127 13.2 10.9 16.3

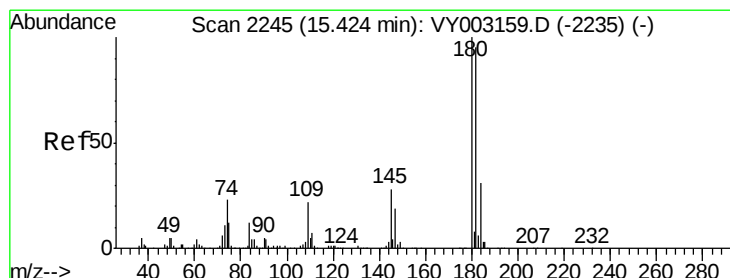
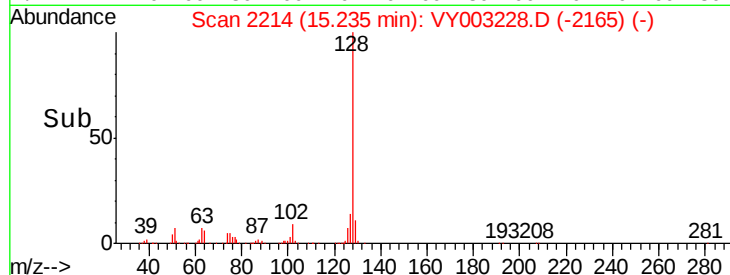
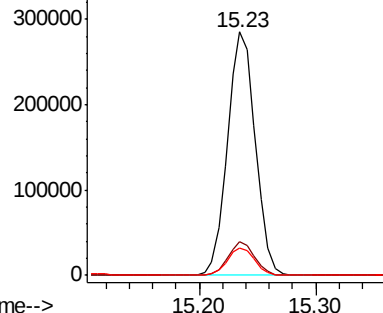
129 11.3 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.877 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003228.D

Acq: 20 Jul 2020 12:54

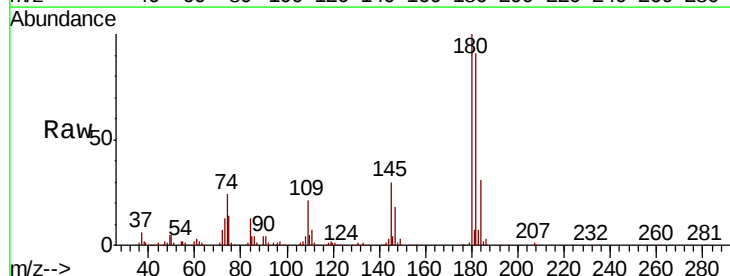
Tgt Ion:180 Resp: 231956

Ion Ratio Lower Upper

180 100

182 93.7 48.8 146.3

145 29.4 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

