

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002779.D
 Acq On : 27 May 2020 21:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 28 04:46:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	288733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	445496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	420575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	223624	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	135695	54.13	ug/l	0.00
Spiked Amount			Recovery	=	108.26%	
35) Dibromofluoromethane	7.72	113	135606	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
50) Toluene-d8	10.18	98	531907	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.48	95	186388	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	92419	46.518	ug/l	94
3) Chloromethane	2.11	50	109792	49.962	ug/l	98
4) Vinyl Chloride	2.25	62	116093	49.982	ug/l	99
5) Bromomethane	2.65	94	89470	51.402	ug/l	99
6) Chloroethane	2.80	64	74045	49.176	ug/l	96
7) Trichlorofluoromethane	3.13	101	191135	46.463	ug/l	98
8) Diethyl Ether	3.54	74	79659	49.592	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	119483	48.919	ug/l	99
10) Methyl Iodide	4.10	142	154582	45.231	ug/l	100
11) Tert butyl alcohol	4.97	59	73763	275.032	ug/l	99
12) 1,1-Dichloroethene	3.88	96	119674	48.721	ug/l	99
13) Acrolein	3.74	56	69004	234.873	ug/l	99
14) Allyl chloride	4.49	41	179761	51.027	ug/l	100
15) Acrylonitrile	5.17	53	196739	271.496	ug/l	98
16) Acetone	3.96	43	141907	241.395	ug/l	97
17) Carbon Disulfide	4.20	76	359287	48.405	ug/l	99
18) Methyl Acetate	4.49	43	84344	57.321	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	358296	52.838	ug/l	98
20) Methylene Chloride	4.72	84	149307	51.972	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	137170	49.657	ug/l	98
22) Diisopropyl ether	6.13	45	387914	52.988	ug/l	96
23) Vinyl Acetate	6.07	43	1330841	275.345	ug/l	98
24) 1,1-Dichloroethane	6.02	63	222136	51.871	ug/l	99
25) 2-Butanone	6.99	43	247622	270.363	ug/l	98
26) 2,2-Dichloropropane	6.99	77	180071	43.843	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	156456	50.594	ug/l	99
28) Bromochloromethane	7.34	49	95786	54.485	ug/l	98
29) Tetrahydrofuran	7.35	42	166212	278.996	ug/l	99
30) Chloroform	7.52	83	234790	51.667	ug/l	96
31) Cyclohexane	7.79	56	196658	46.252	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	206877	48.854	ug/l	99
36) 1,1-Dichloropropene	7.92	75	175339	46.723	ug/l	99
37) Ethyl Acetate	7.08	43	107437	52.619	ug/l	100
38) Carbon Tetrachloride	7.91	117	192461	46.166	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002779.D
 Acq On : 27 May 2020 21:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 28 04:46:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	227655	46.024	ug/l	99
40) Benzene	8.16	78	539679	48.670	ug/l	99
41) Methacrylonitrile	7.35	41	149836	136.600	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	153702	49.460	ug/l	100
43) Isopropyl Acetate	8.28	43	204043	52.735	ug/l	99
44) Trichloroethene	8.94	130	167914	47.940	ug/l	96
45) 1,2-Dichloropropane	9.22	63	132973	50.005	ug/l	100
46) Dibromomethane	9.31	93	79592	50.399	ug/l	100
47) Bromodichloromethane	9.50	83	188429	50.612	ug/l	99
48) Methyl methacrylate	9.30	41	93584	53.579	ug/l	99
49) 1,4-Dioxane	9.30	88	25234	1040.629	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	553129	269.973	ug/l	99
52) Toluene	10.24	92	350154	48.271	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	201809	49.628	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	226818	49.225	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	120092	49.671	ug/l	96
56) Ethyl methacrylate	10.51	69	170829	52.751	ug/l	99
57) 1,3-Dichloropropane	10.79	76	201599	50.695	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	440514	278.390	ug/l	99
59) 2-Hexanone	10.83	43	392896	270.274	ug/l	99
60) Dibromochloromethane	10.99	129	154774	50.492	ug/l	100
61) 1,2-Dibromoethane	11.09	107	120899	50.691	ug/l	98
64) Tetrachloroethene	10.72	164	177746	46.501	ug/l	97
65) Chlorobenzene	11.52	112	395282	47.552	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	153489	49.026	ug/l	99
67) Ethyl Benzene	11.59	91	680322	47.208	ug/l	100
68) m/p-Xylenes	11.70	106	529354	94.740	ug/l	100
69) o-Xylene	12.03	106	254504	48.250	ug/l	100
70) Styrene	12.04	104	447569	48.947	ug/l	100
71) Bromoform	12.21	173	105870	50.538	ug/l	100
73) Isopropylbenzene	12.33	105	682156	47.601	ug/l	100
74) N-amyl acetate	12.14	43	195799	53.249	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	130471	51.889	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	189066	93.829	ug/l #	100
77) Bromobenzene	12.61	156	181597	48.666	ug/l	100
78) n-propylbenzene	12.67	91	790219	47.737	ug/l	99
79) 2-Chlorotoluene	12.75	91	444633	47.883	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	572193	47.820	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	52852	49.416	ug/l	99
82) 4-Chlorotoluene	12.85	91	463352	47.627	ug/l	100
83) tert-Butylbenzene	13.07	119	508654	47.656	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	580791	48.273	ug/l	100
85) sec-Butylbenzene	13.25	105	687001	47.075	ug/l	100
86) p-Isopropyltoluene	13.37	119	644627	47.471	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	334905	47.382	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	336760	47.628	ug/l	99
89) n-Butylbenzene	13.69	91	580583	47.092	ug/l	100
90) Hexachloroethane	13.96	117	123779	48.689	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	312930	48.817	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	25365	52.434	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002779.D
Acq On : 27 May 2020 21:16
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: May 28 04:46:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

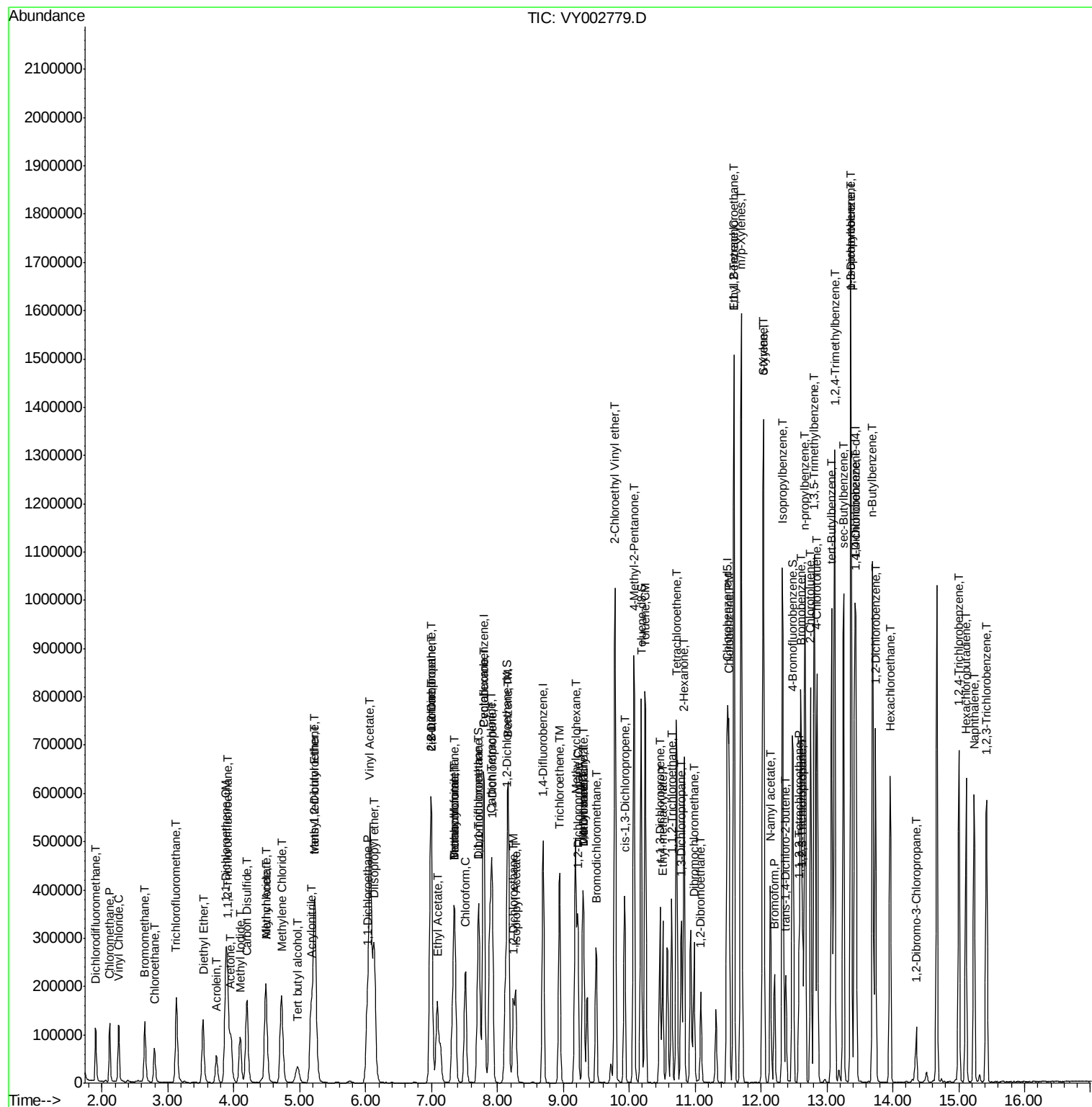
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	228969	47.389	ug/l	99
94) Hexachlorobutadiene	15.11	225	127476	46.517	ug/l	99
95) Naphthalene	15.23	128	497649	51.369	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	209497	48.555	ug/l	100

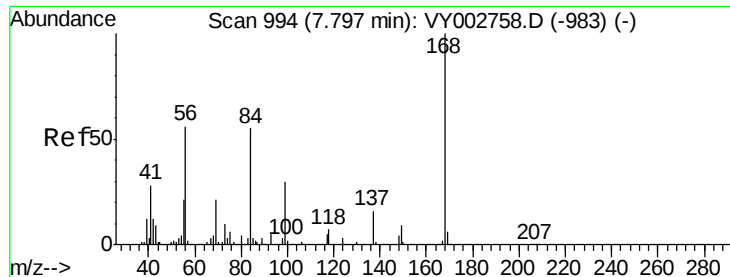
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002779.D
Acq On : 27 May 2020 21:16
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Quant Time: May 28 04:46:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

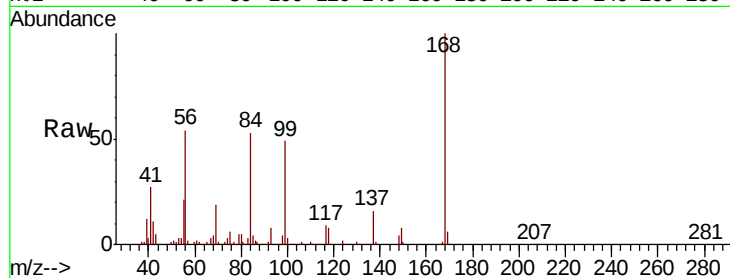
VSTDCCC050EC

Tot Ion:168 Resp: 288733

Ion Ratio Lower Upper

168 100

99 48.7 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002779.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002779.D (-945) (-)

7.80

150000

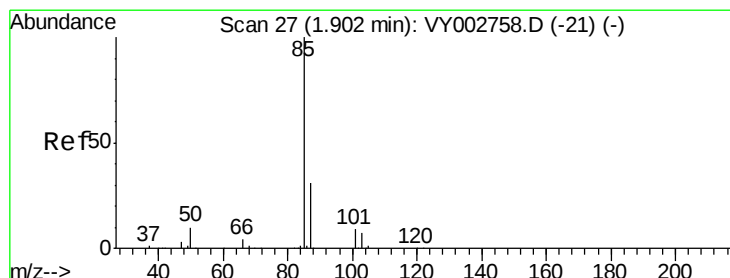
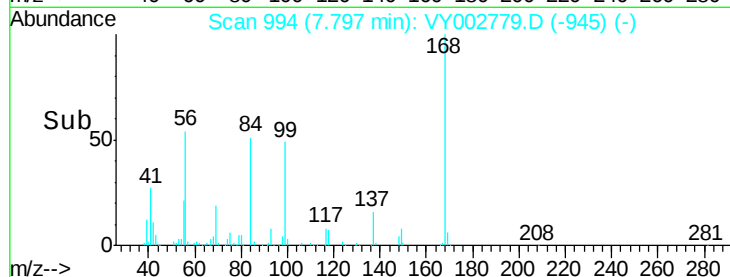
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 46.518 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY002779.D

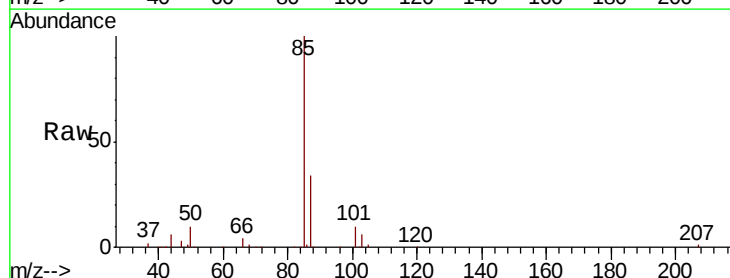
Acq: 27 May 2020 21:16

Tgt Ion: 85 Resp: 92419

Ion Ratio Lower Upper

85 100

87 34.2 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002779.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002779.D (-1) (-)

1.90

60000

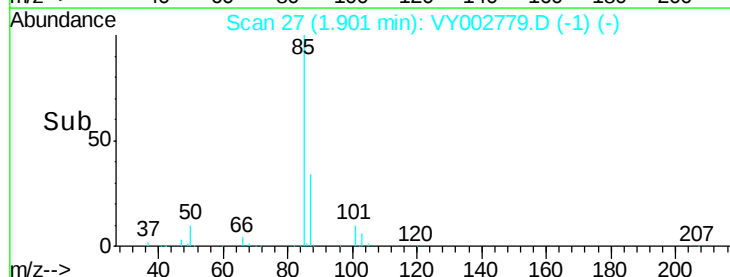
40000

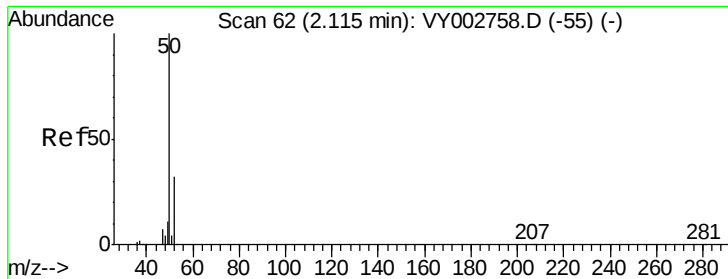
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 49.962 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

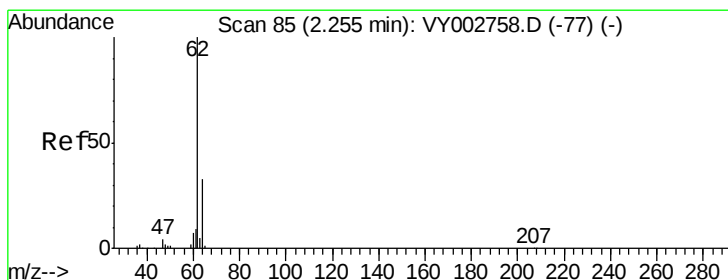
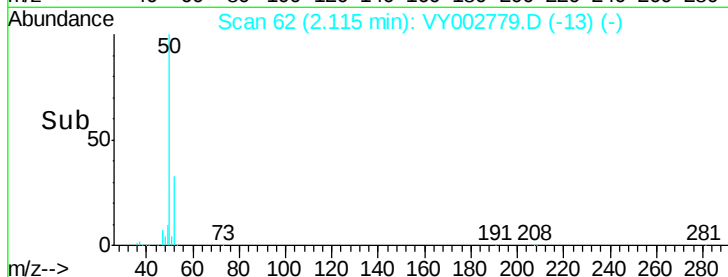
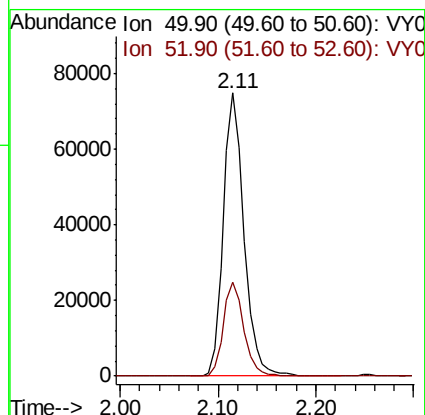
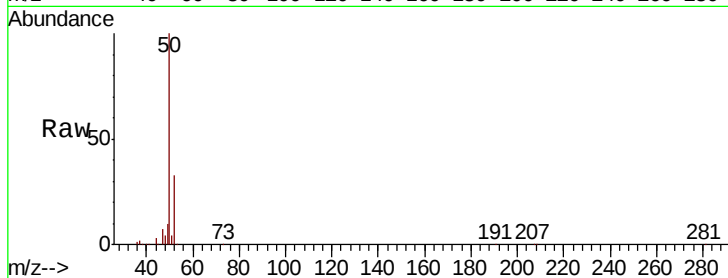
VSTDCCC050EC

Tot Ion: 50 Resp: 109792

Ion Ratio Lower Upper

50 100

52 33.2 25.8 38.6



#4

Vinyl Chloride

Concen: 49.982 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY002779.D

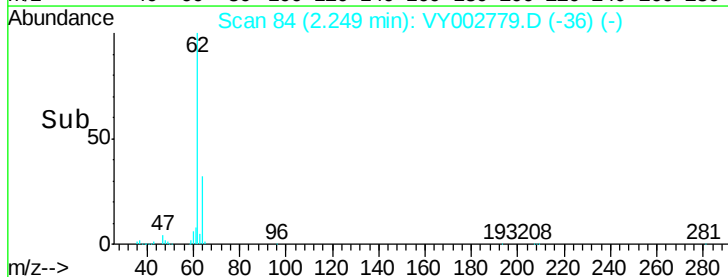
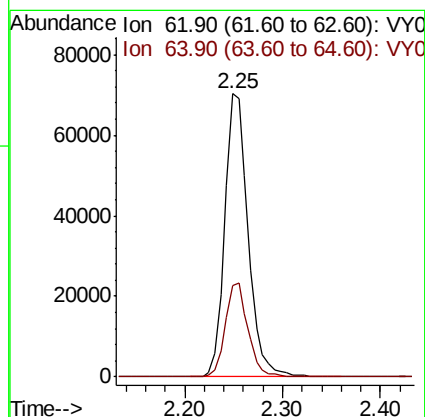
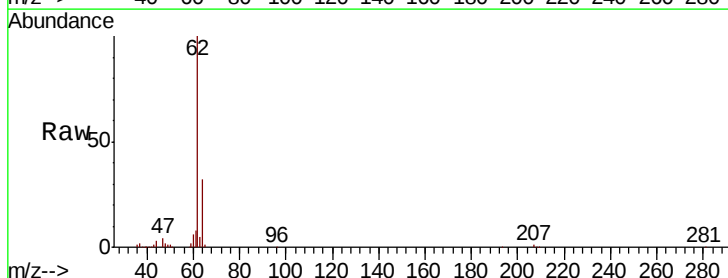
Acq: 27 May 2020 21:16

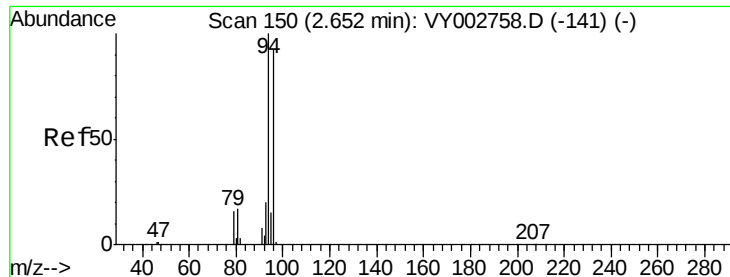
Tgt Ion: 62 Resp: 116093

Ion Ratio Lower Upper

62 100

64 32.1 26.1 39.1





#5

Bromomethane

Concen: 51.402 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

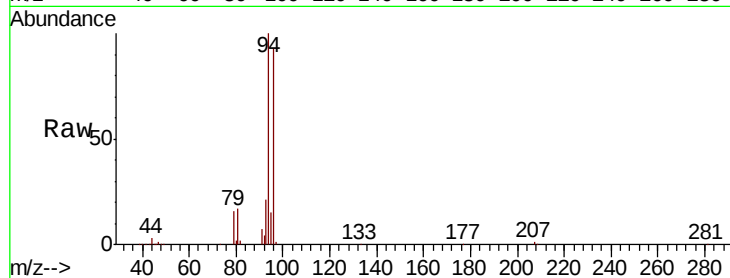
VSTDCCC050EC

Tot Ion: 94 Resp: 89470

Ion Ratio Lower Upper

94 100

96 92.8 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

50000

40000

30000

20000

10000

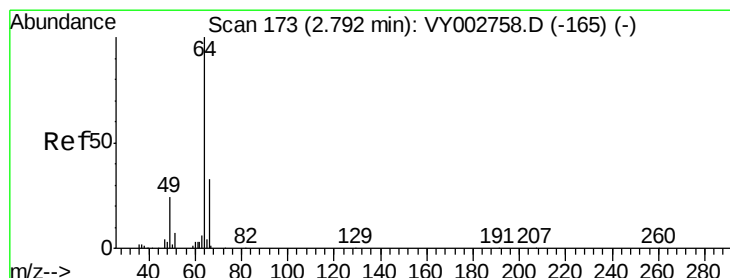
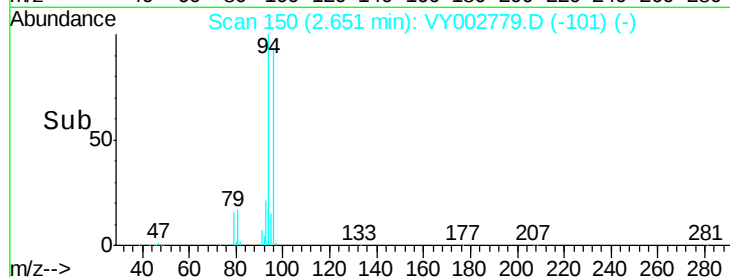
0

Time-->

2.60

2.70

2.80



#6

Chloroethane

Concen: 49.176 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002779.D

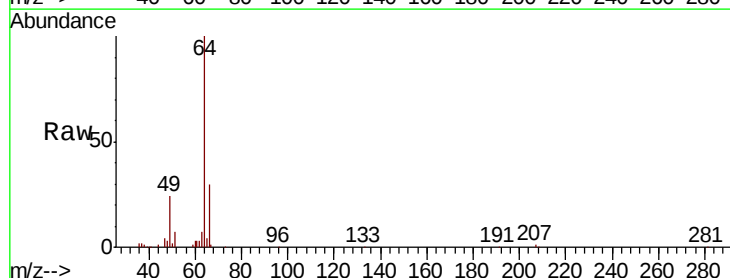
Acq: 27 May 2020 21:16

Tgt Ion: 64 Resp: 74045

Ion Ratio Lower Upper

64 100

66 30.5 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

40000

30000

20000

10000

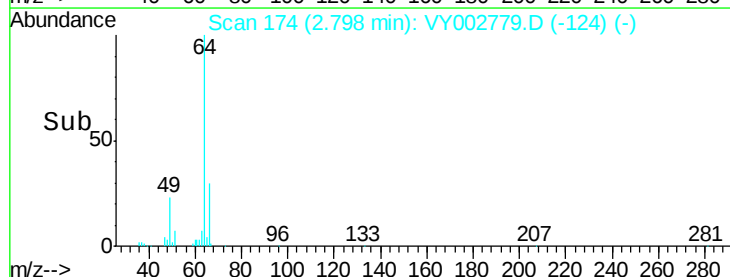
0

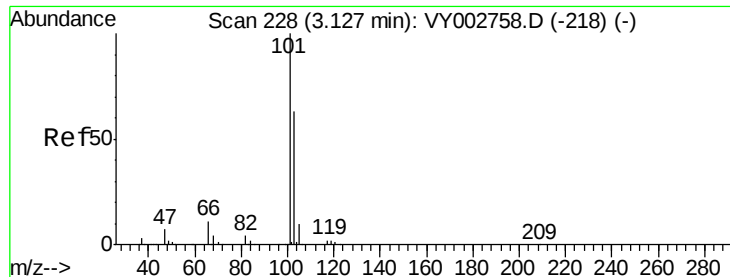
Time-->

2.70

2.80

2.90



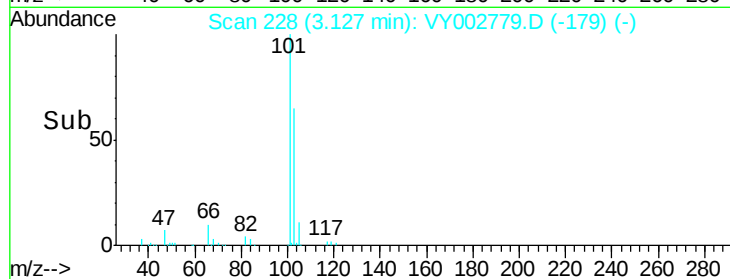
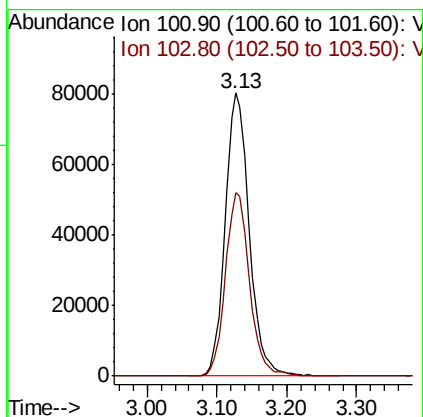
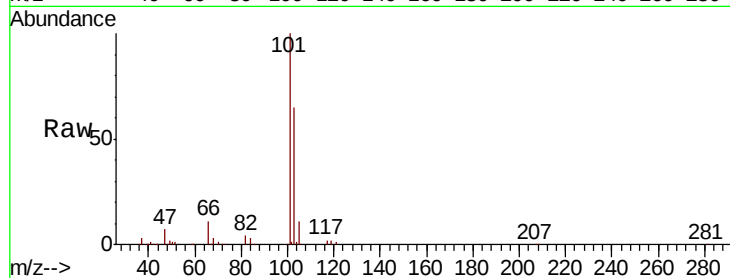


#7

Trichlorofluoromethane
 Concen: 46.463 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY002779.D
 Acq: 27 May 2020 21:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

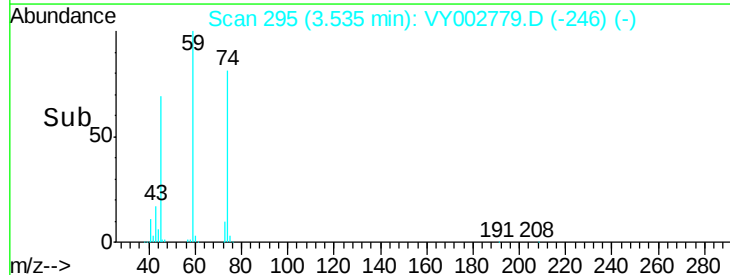
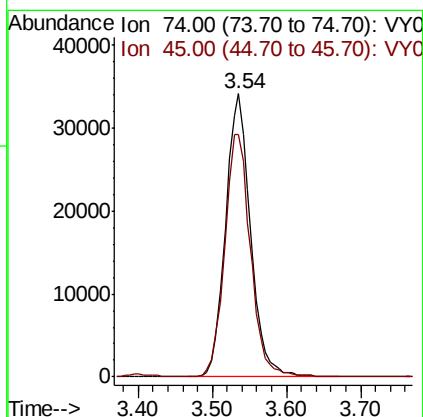
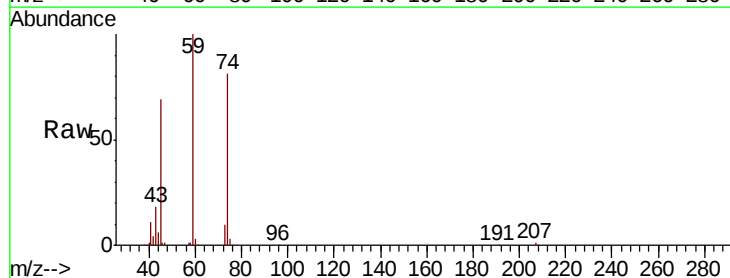
Tot Ion:101 Resp: 191135
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.6 76.0

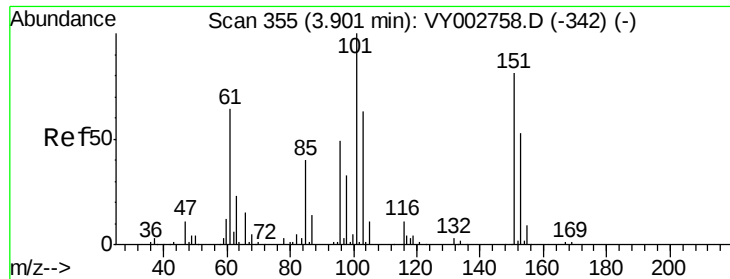


#8

Diethyl Ether
 Concen: 49.592 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY002779.D
 Acq: 27 May 2020 21:16

Tgt Ion: 74 Resp: 79659
 Ion Ratio Lower Upper
 74 100
 45 89.3 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.919 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

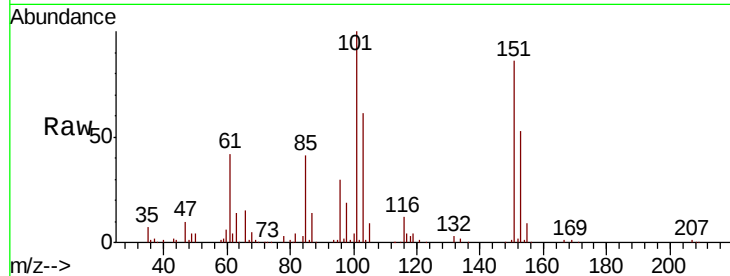
Tot Ion:101 Resp: 119483

Ion Ratio Lower Upper

101 100

85 41.5 32.7 49.1

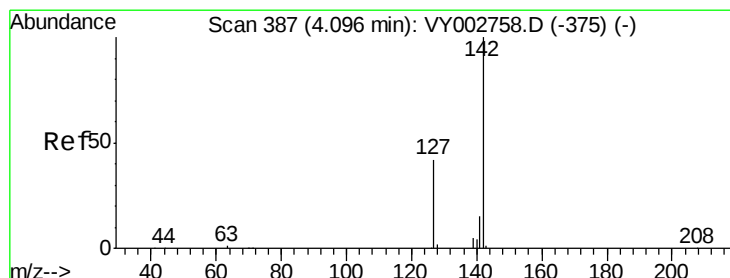
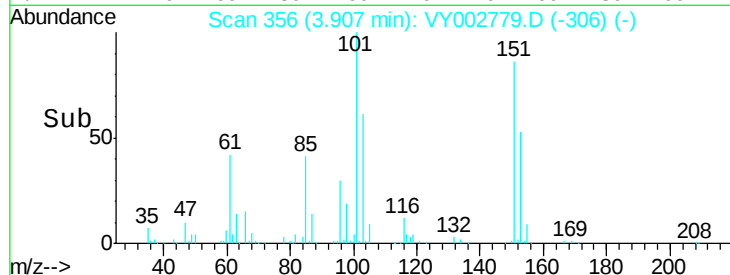
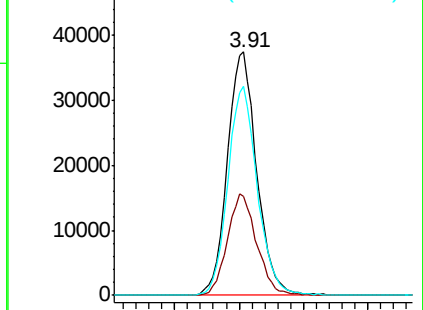
151 86.1 68.0 102.0



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: 45.231 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

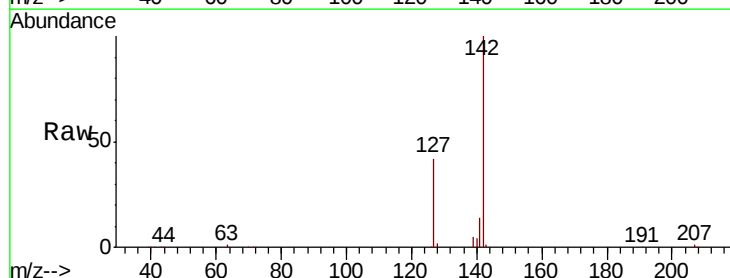
Tgt Ion:142 Resp: 154582

Ion Ratio Lower Upper

142 100

127 41.5 33.3 49.9

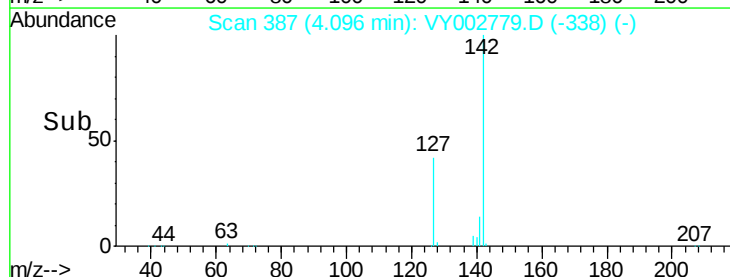
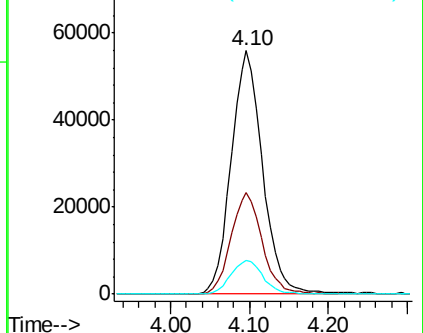
141 14.3 11.5 17.3

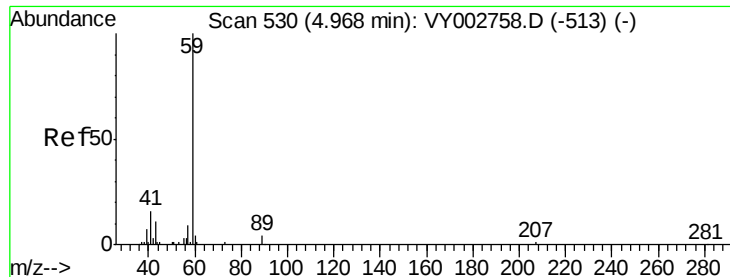


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

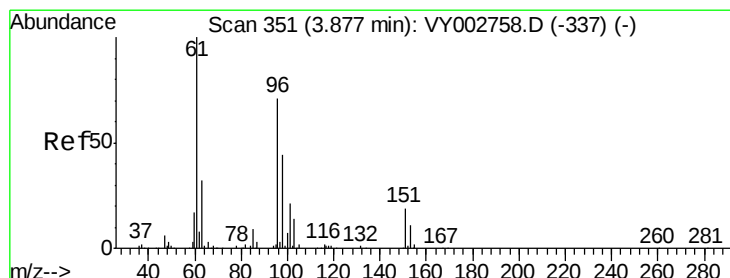
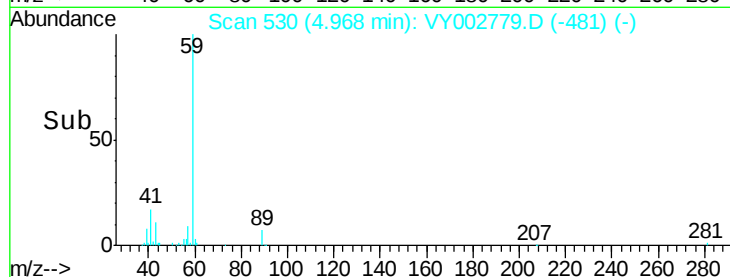
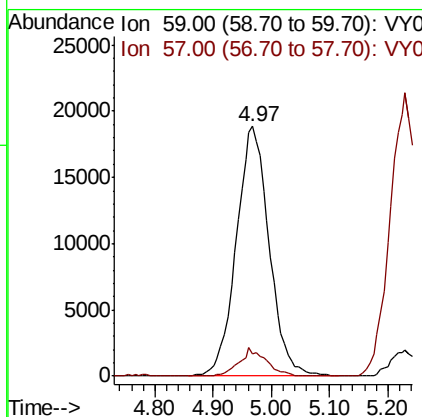
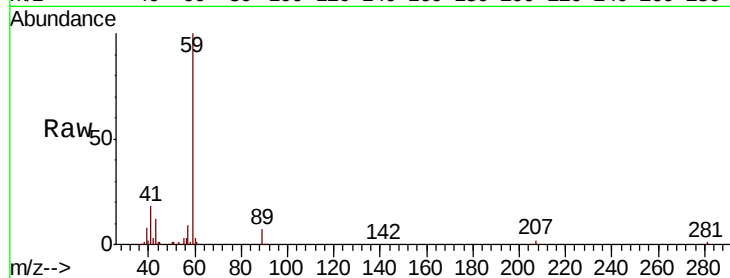




#11
Tert butyl alcohol
Concen: 275.032 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

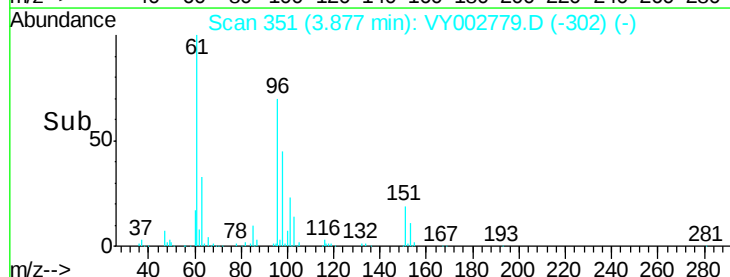
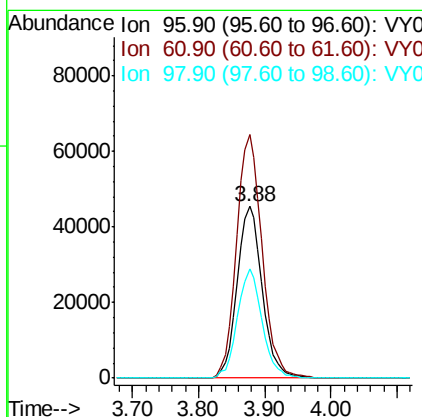
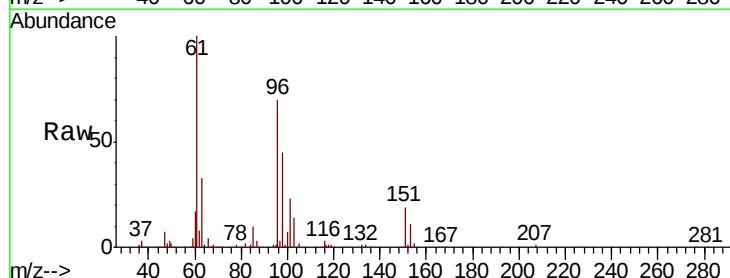
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

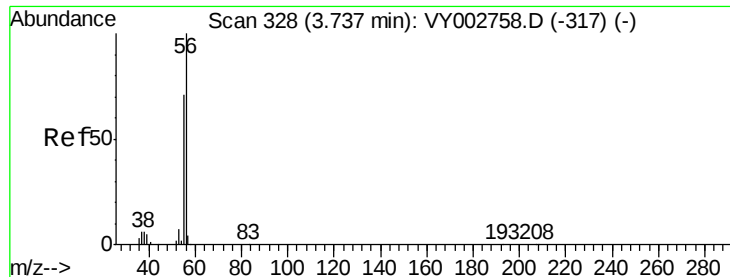
Tot Ion: 59 Resp: 73763
Ion Ratio Lower Upper
59 100
57 9.3 7.7 11.5



#12
1,1-Dichloroethene
Concen: 48.721 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

Tgt Ion: 96 Resp: 119674
Ion Ratio Lower Upper
96 100
61 141.9 112.6 168.8
98 63.9 50.0 75.0





#13

Acrolein

Concen: 234.873 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

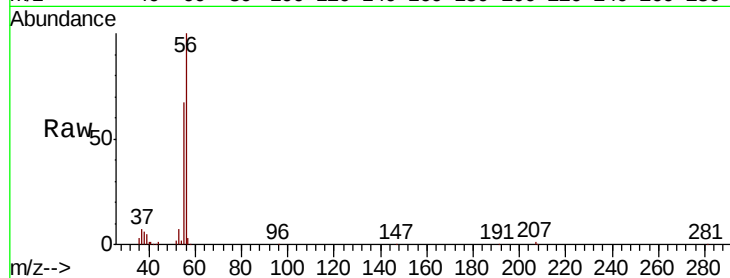
VSTDCCC050EC

Tot Ion: 56 Resp: 69004

Ion Ratio Lower Upper

56 100

55 69.3 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

30000

25000

20000

15000

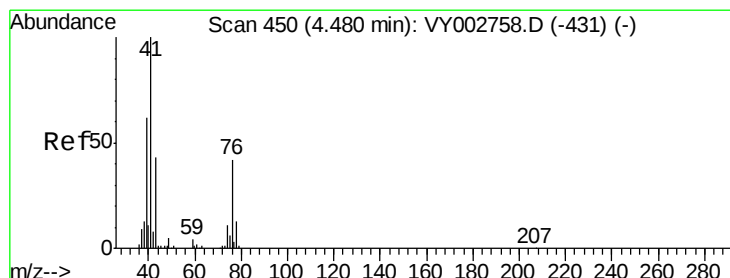
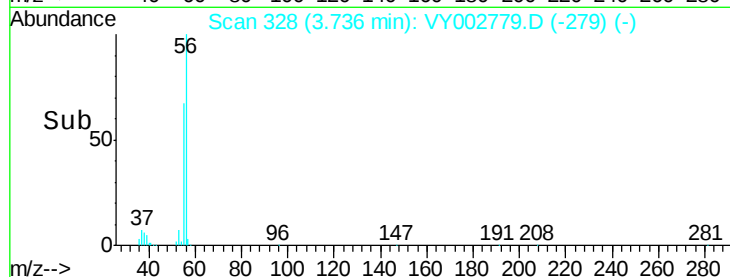
10000

5000

0

3.60 3.70 3.80 3.90

Time-->



#14

Allyl chloride

Concen: 51.027 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

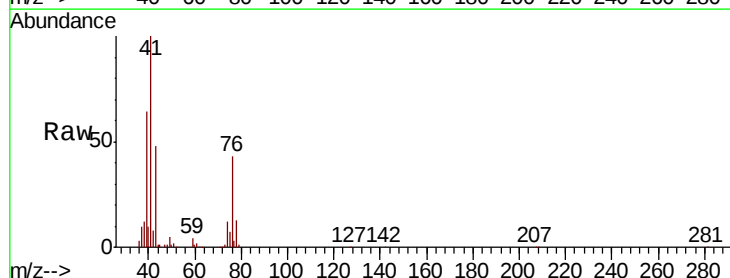
Tgt Ion: 41 Resp: 179761

Ion Ratio Lower Upper

41 100

39 62.5 49.9 74.9

76 41.1 33.2 49.8



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

80000

60000

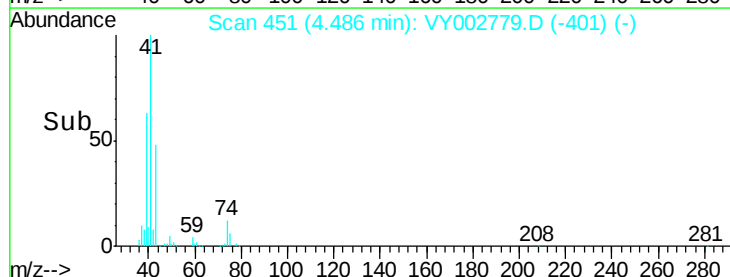
40000

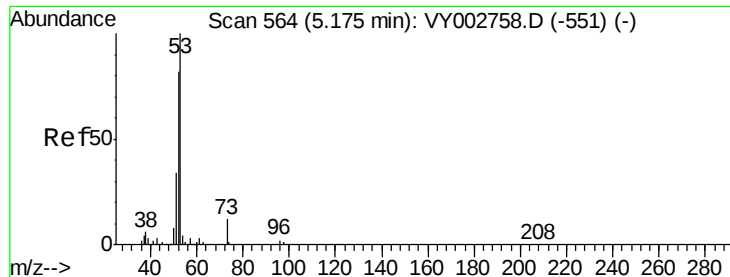
20000

0

4.30 4.40 4.50 4.60 4.70

Time-->





#15

Acrylonitrile

Concen: 271.496 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

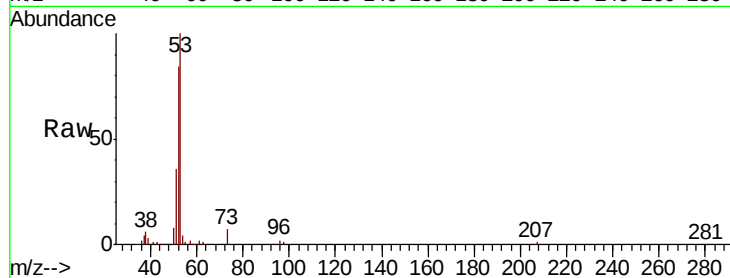
Tot Ion: 53 Resp: 196739

Ion Ratio Lower Upper

53 100

52 83.4 65.3 97.9

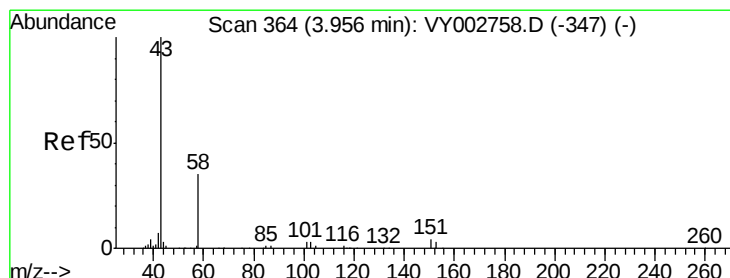
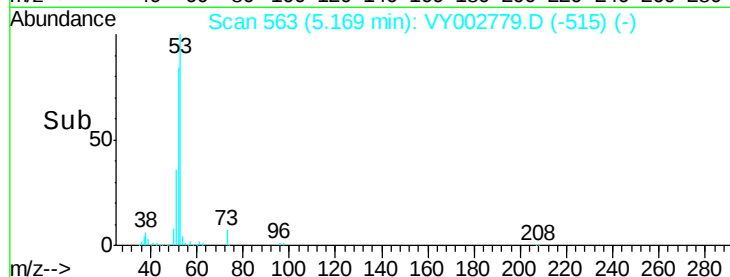
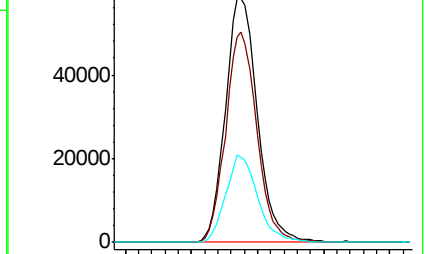
51 35.5 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VY002779.D (-515) (-)

Ion 52.00 (51.70 to 52.70): VY002779.D (-515) (-)

Ion 51.00 (50.70 to 51.70): VY002779.D (-515) (-)



#16

Acetone

Concen: 241.395 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002779.D

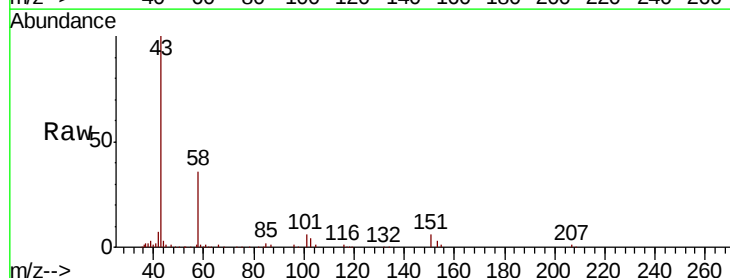
Acq: 27 May 2020 21:16

Tgt Ion: 43 Resp: 141907

Ion Ratio Lower Upper

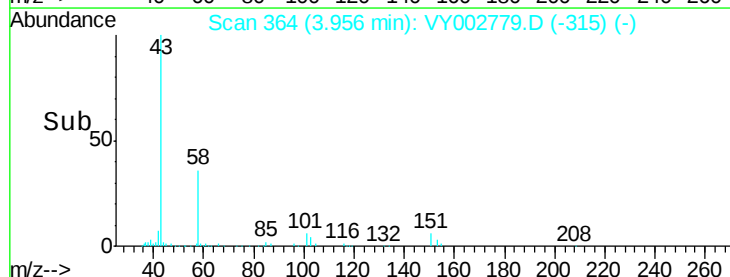
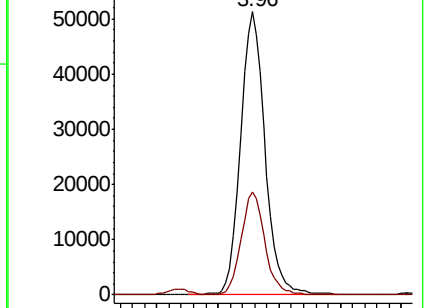
43 100

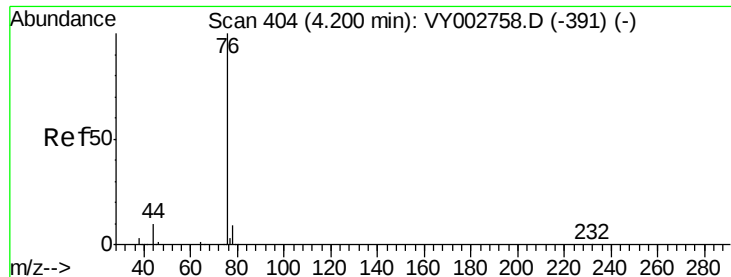
58 36.2 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002779.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002779.D (-315) (-)

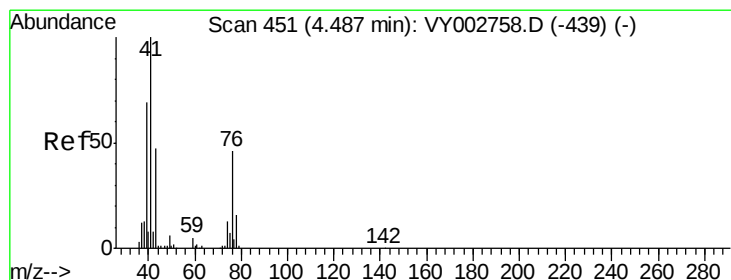
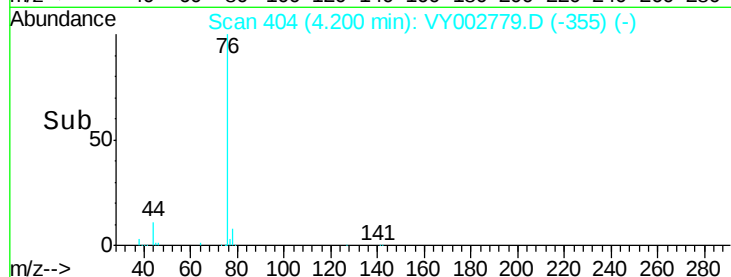
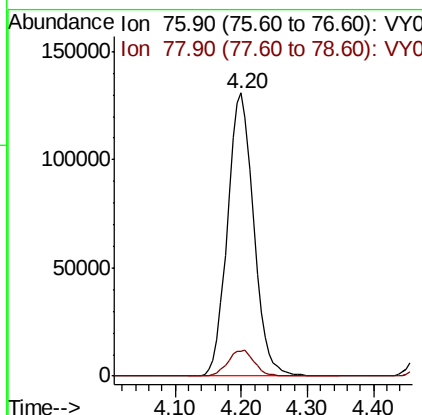
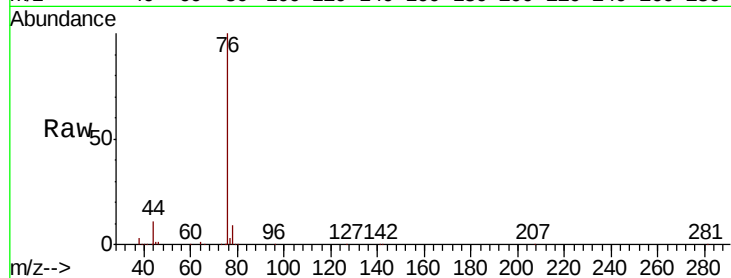




#17
Carbon Disulfide
Concen: 48.405 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

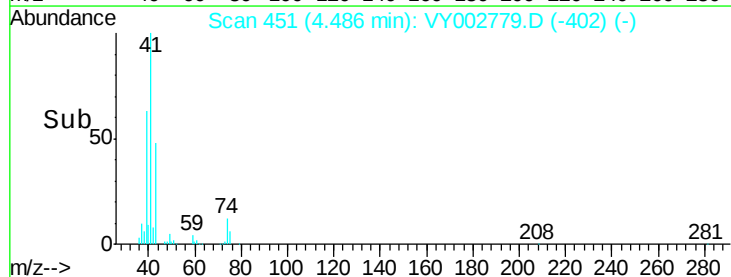
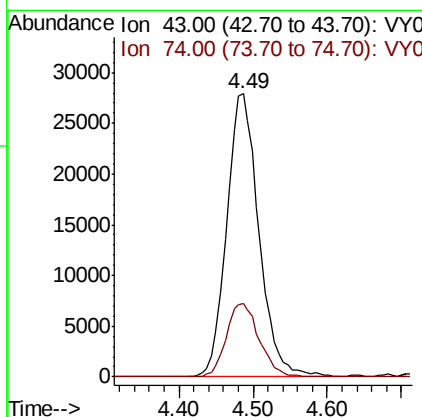
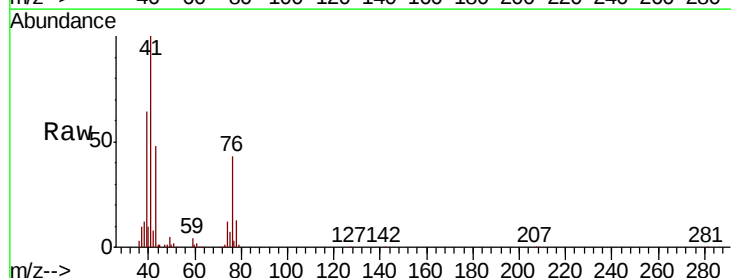
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 359287
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3



#18
Methyl Acetate
Concen: 57.321 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

Tgt Ion: 43 Resp: 84344
Ion Ratio Lower Upper
43 100
74 26.5 21.4 32.0



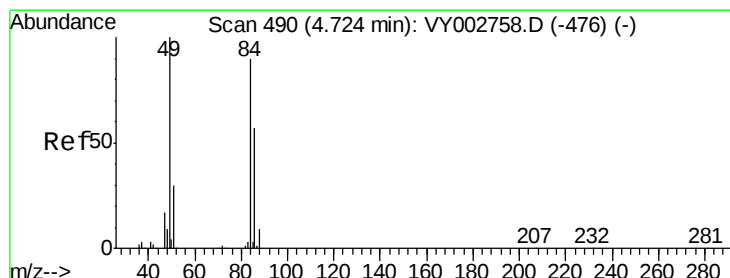
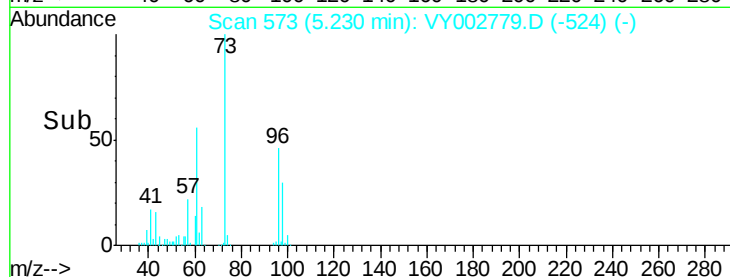
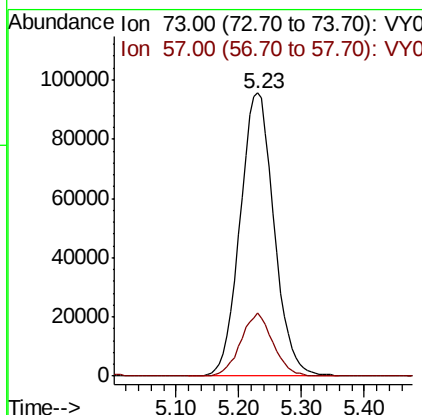
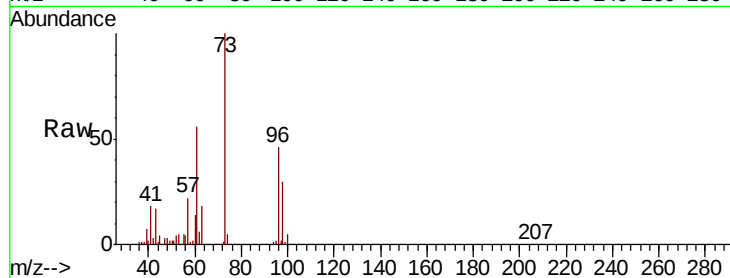


#19

Methyl tert-butyl Ether
 Concen: 52.838 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VY002779.D
 Acq: 27 May 2020 21:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

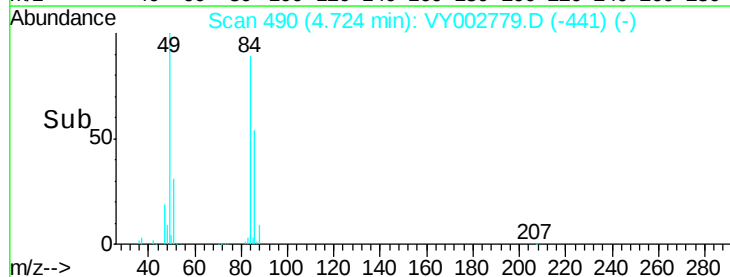
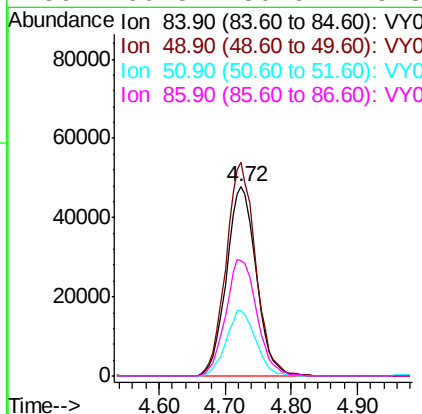
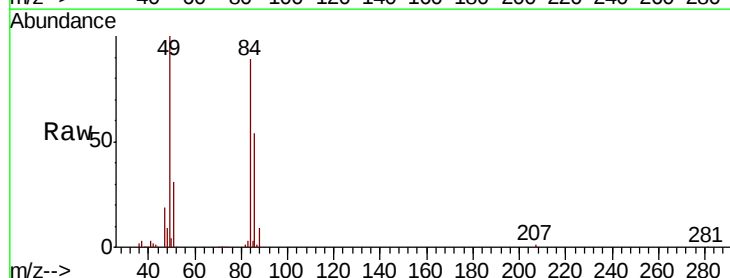
Tot Ion: 73 Resp: 358296
 Ion Ratio Lower Upper
 73 100
 57 22.4 17.0 25.4



#20

Methylene Chloride
 Concen: 51.972 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: VY002779.D
 Acq: 27 May 2020 21:16

Tgt Ion: 84 Resp: 149307
 Ion Ratio Lower Upper
 84 100
 49 112.8 88.5 132.7
 51 34.4 26.8 40.2
 86 60.8 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 49.657 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

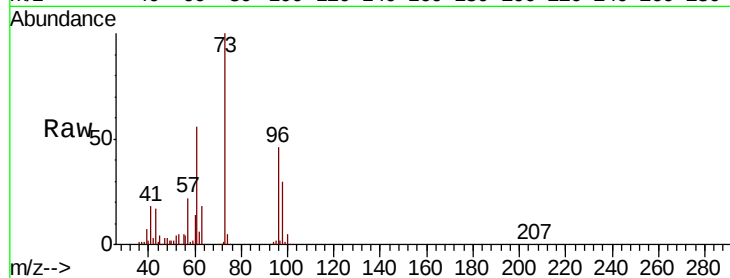
Tot Ion: 96 Resp: 137170

Ion Ratio Lower Upper

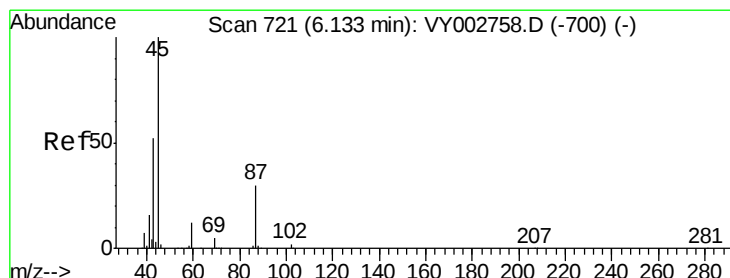
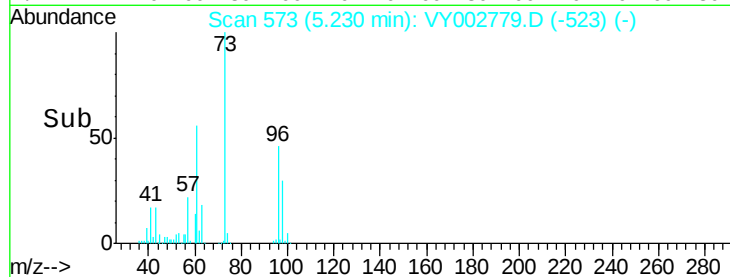
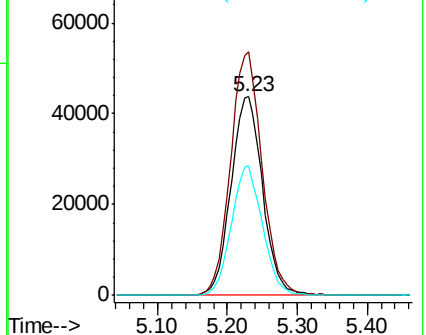
96 100

61 122.6 96.8 145.2

98 65.1 49.4 74.0



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: 52.988 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Tgt Ion: 45 Resp: 387914

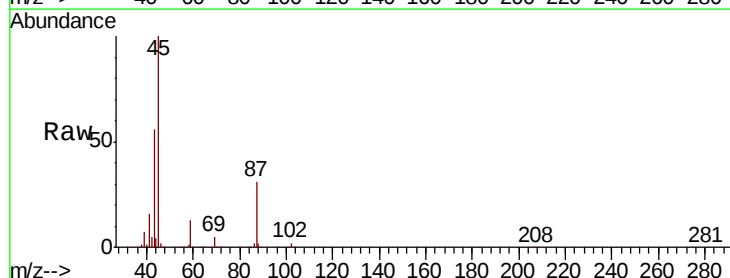
Ion Ratio Lower Upper

45 100

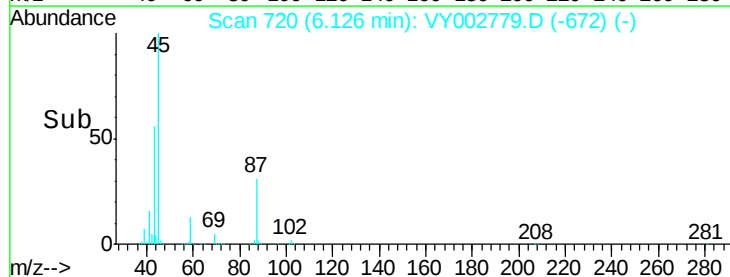
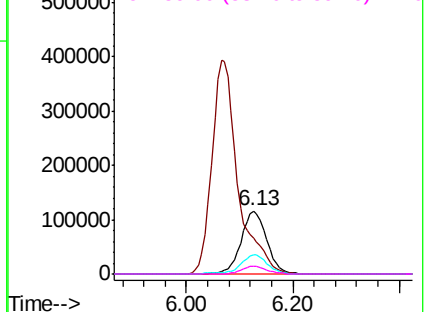
43 56.2 41.7 62.5

87 30.6 24.2 36.2

59 12.6 9.8 14.8



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0

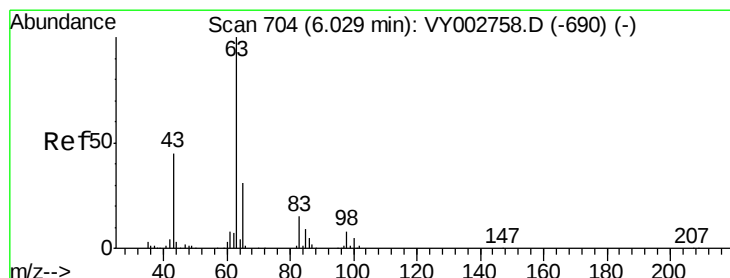
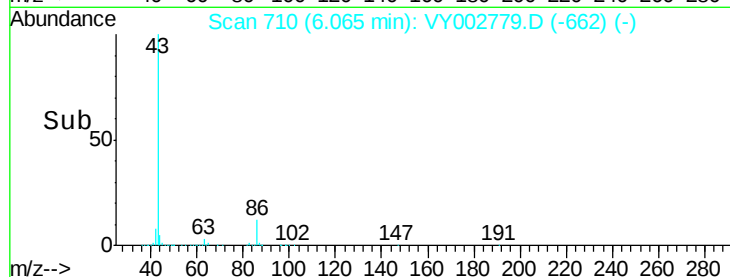
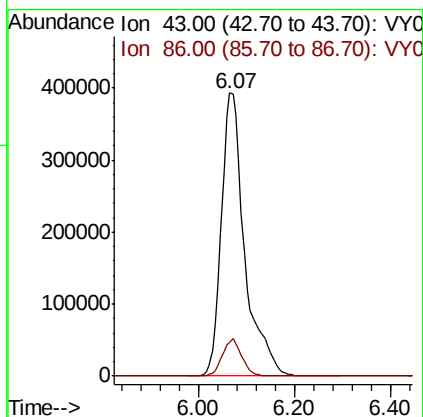
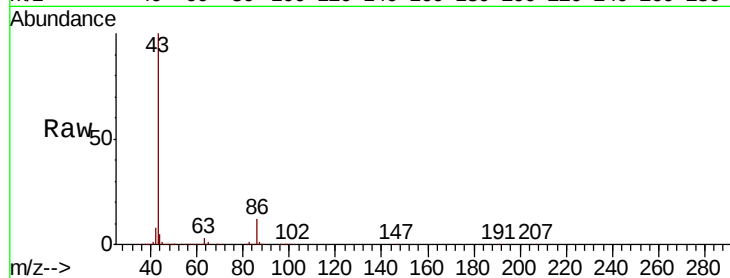




#23
 Vinyl Acetate
 Concen: 275.345 ug/l
 RT: 6.07 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: VY002779.D
 Acq: 27 May 2020 21:16

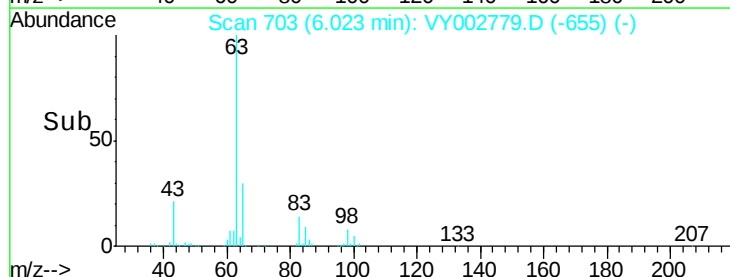
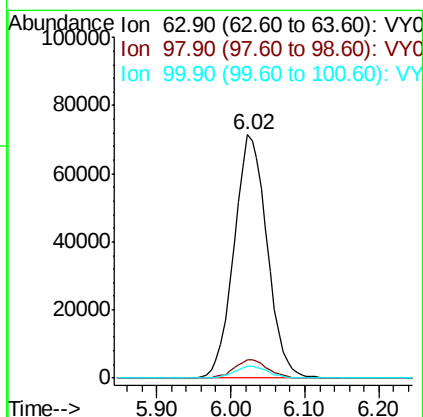
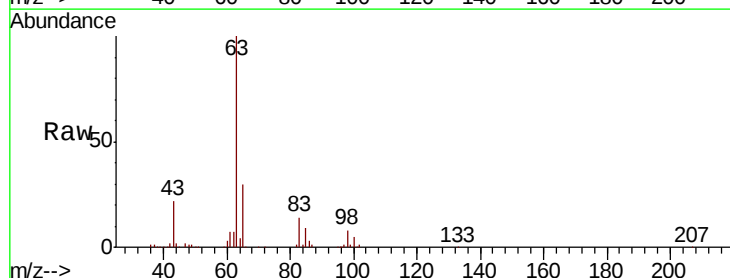
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

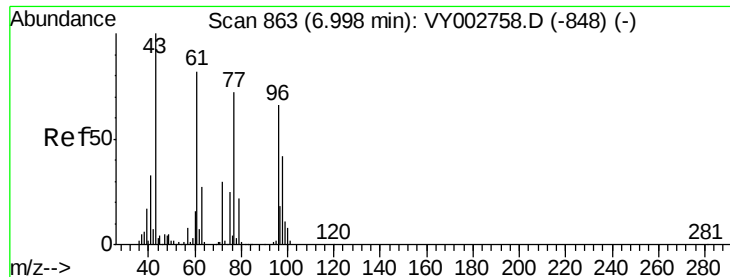
Tot Ion: 43 Resp: 1330841
 Ion Ratio Lower Upper
 43 100
 86 12.1 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 51.871 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY002779.D
 Acq: 27 May 2020 21:16

Tgt Ion: 63 Resp: 222136
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 12.2
 100 5.0 2.4 7.1

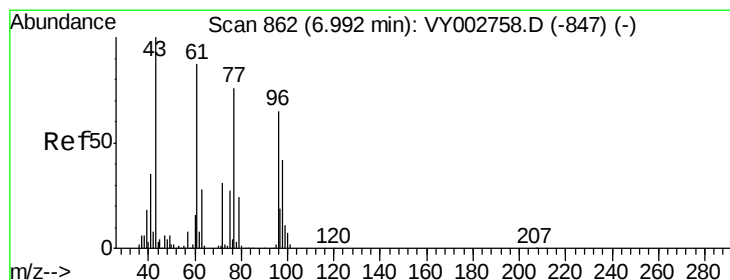
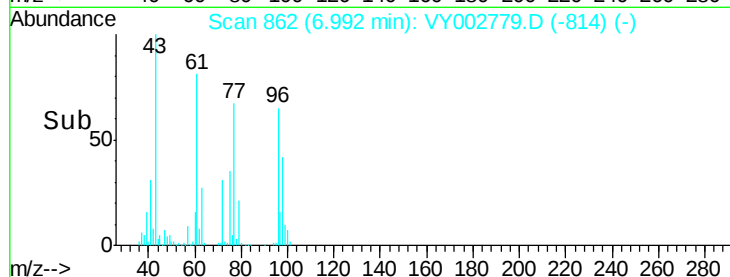
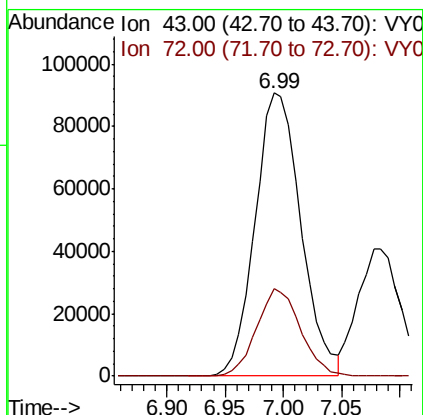
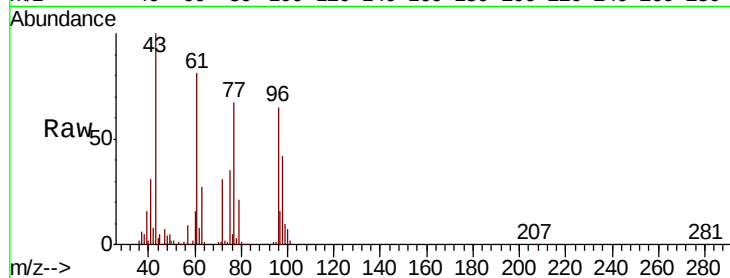




#25
2-Butanone
Concen: 270.363 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

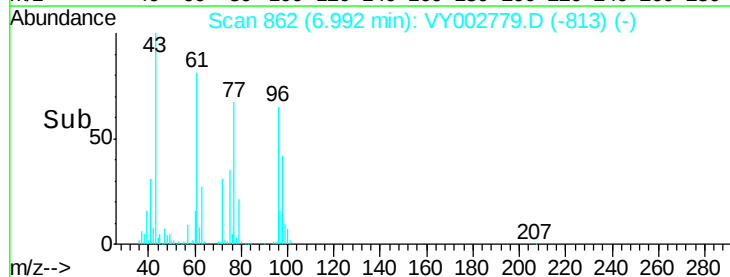
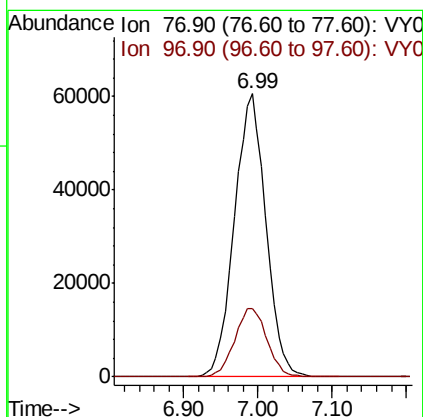
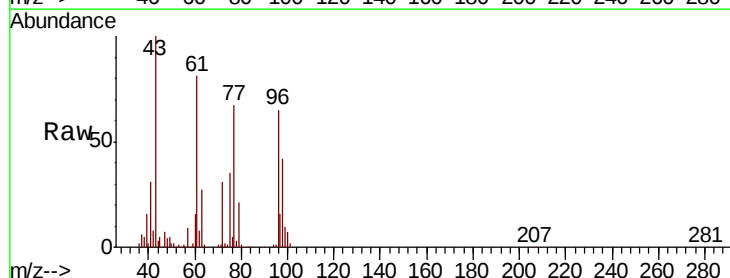
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

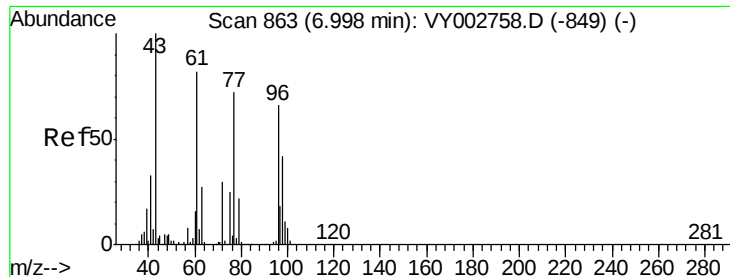
Tot Ion: 43 Resp: 247622
Ion Ratio Lower Upper
43 100
72 31.1 23.9 35.9



#26
2,2-Dichloropropane
Concen: 43.843 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

Tgt Ion: 77 Resp: 180071
Ion Ratio Lower Upper
77 100
97 24.7 12.2 36.6



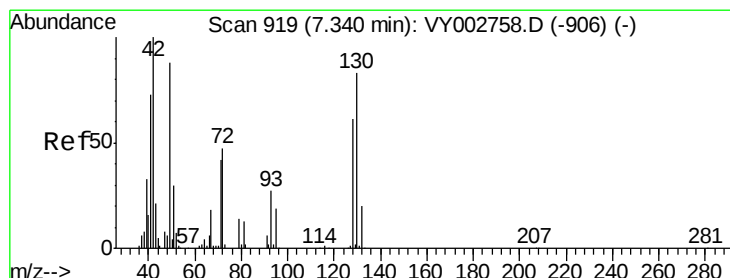
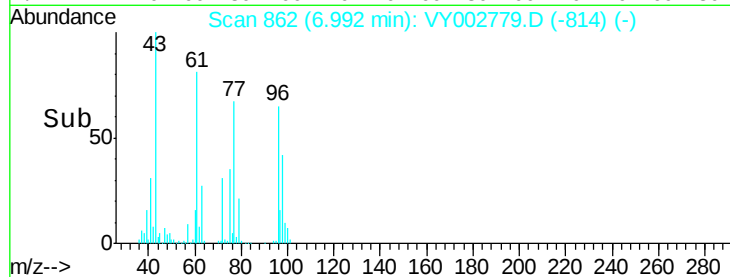
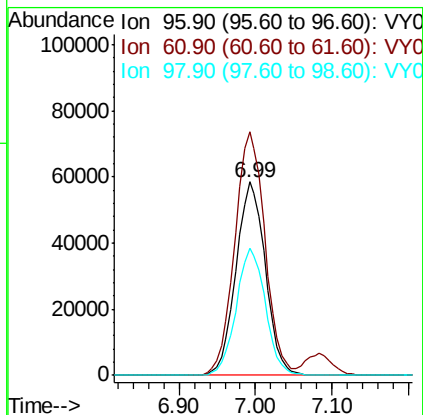
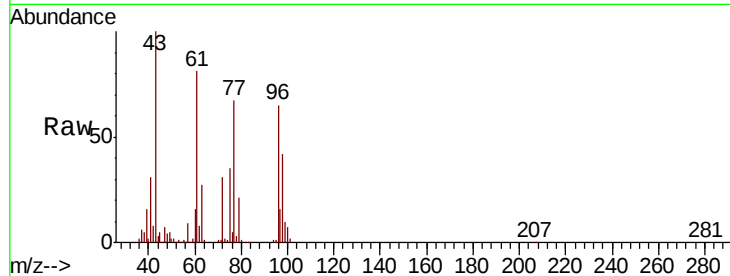


#27

cis-1,2-Dichloroethene
 Concen: 50.594 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002779.D
 Acq: 27 May 2020 21:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

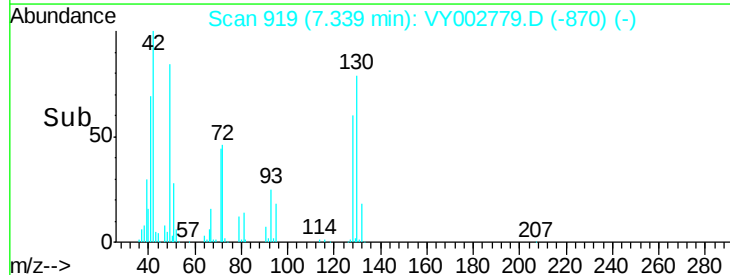
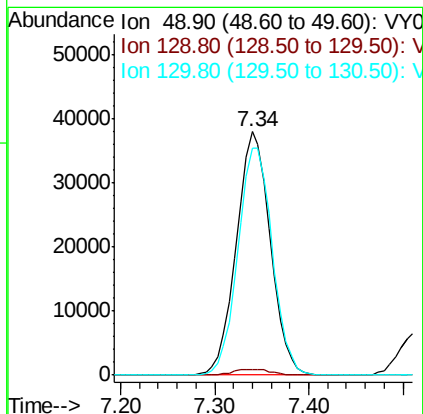
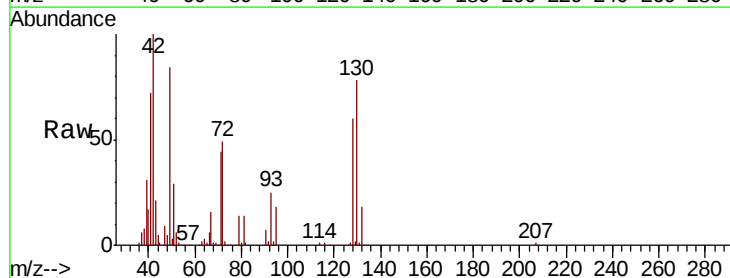
Tot Ion	96	Resp	156456
Ion	Ratio	Lower	Upper
96	100		
61	128.7	0.0	260.2
98	65.0	0.0	128.2

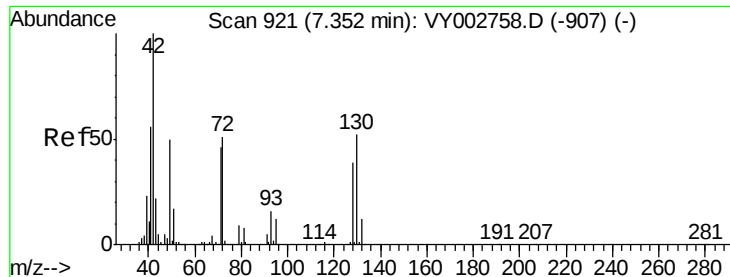


#28

Bromochloromethane
 Concen: 54.485 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY002779.D
 Acq: 27 May 2020 21:16

Tgt Ion	49	Resp	95786
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.2
130	94.8	77.1	115.7





#29

Tetrahydrofuran

Concen: 278.996 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

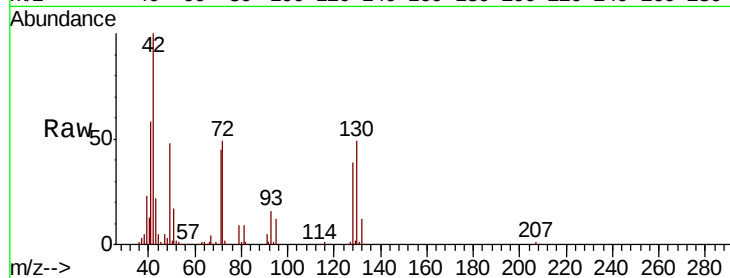
Tot Ion: 42 Resp: 166212

Ion Ratio Lower Upper

42 100

72 49.0 38.6 58.0

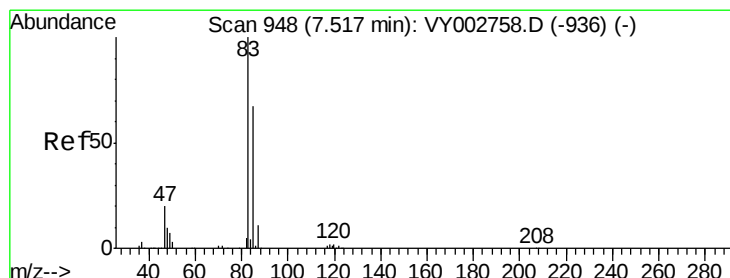
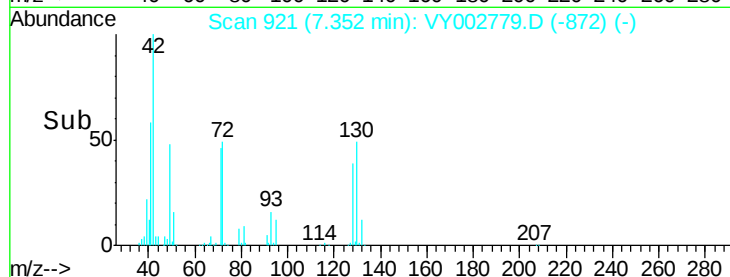
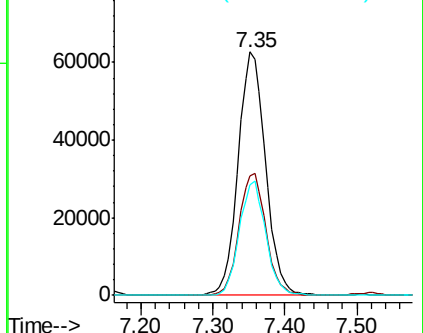
71 45.0 35.8 53.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 51.667 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY002779.D

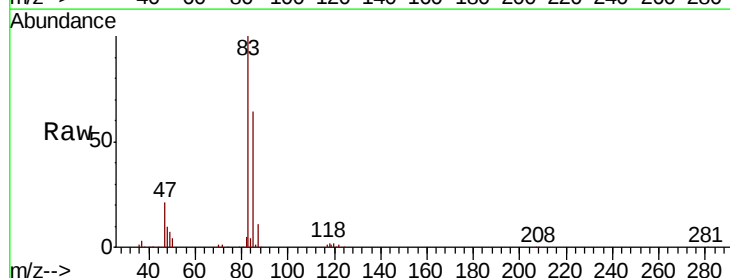
Acq: 27 May 2020 21:16

Tgt Ion: 83 Resp: 234790

Ion Ratio Lower Upper

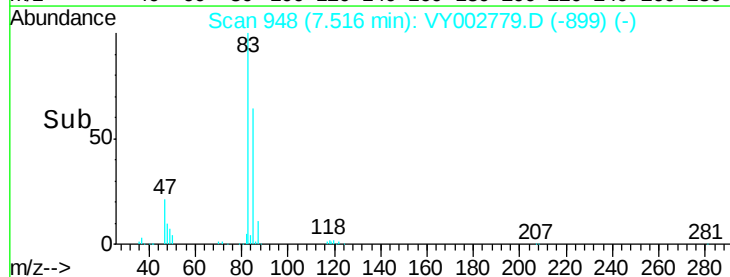
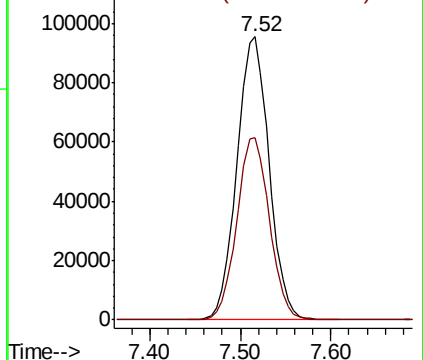
83 100

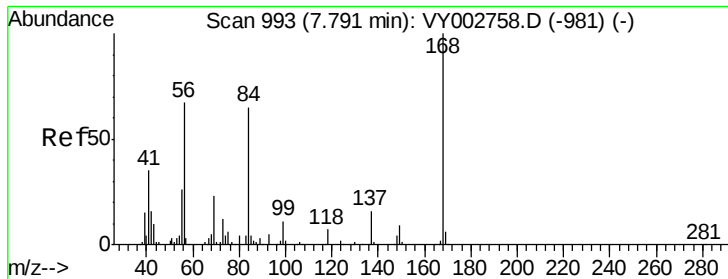
85 64.4 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

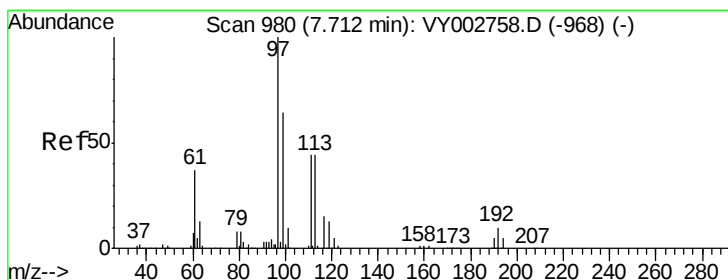
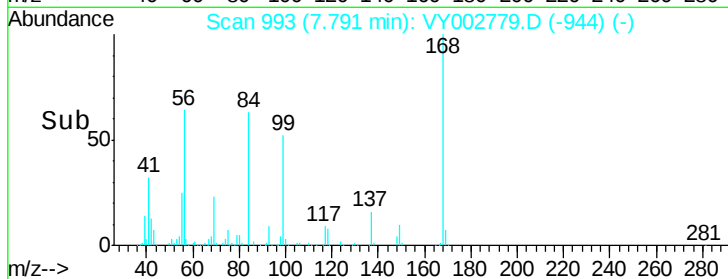
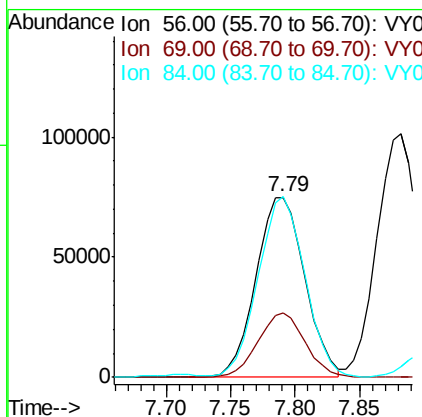
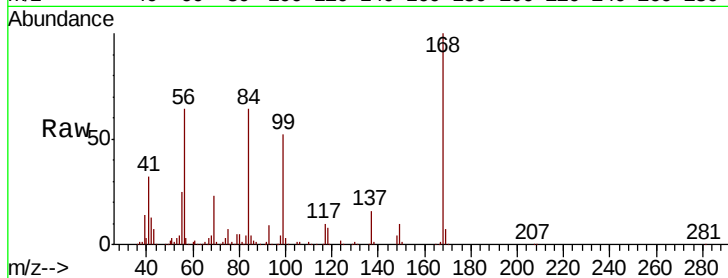




#31
Cyclohexane
Concen: 46.252 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

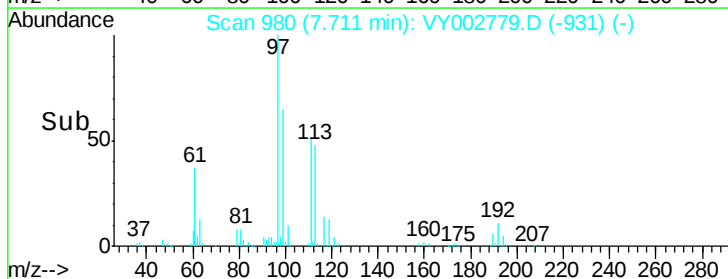
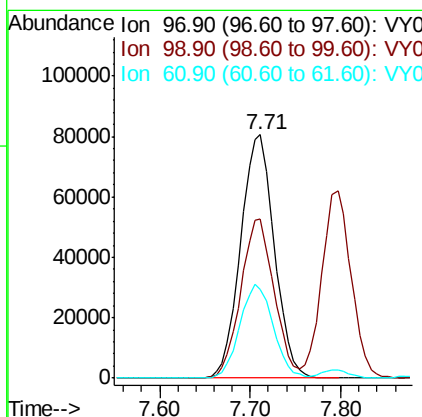
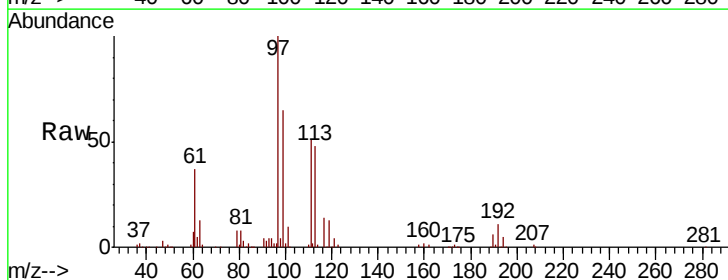
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

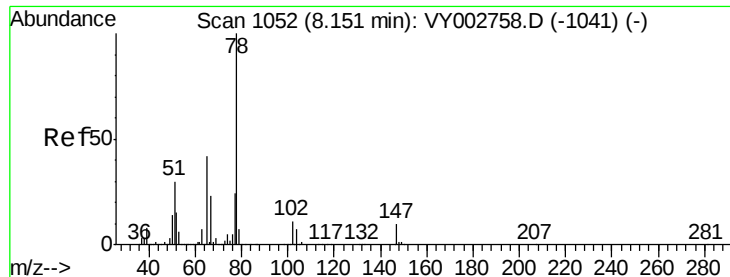
Tot Ion: 56 Resp: 196658
Ion Ratio Lower Upper
56 100
69 35.5 28.0 42.0
84 98.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 48.854 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

Tgt Ion: 97 Resp: 206877
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.0
61 38.2 30.1 45.1

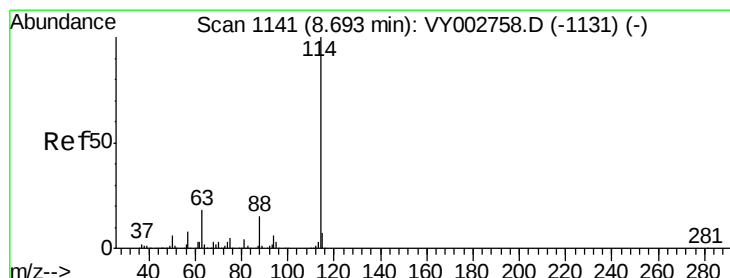
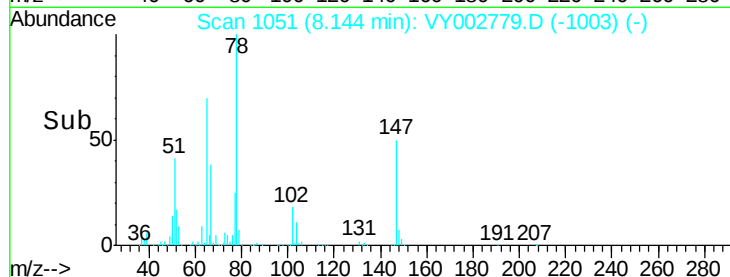
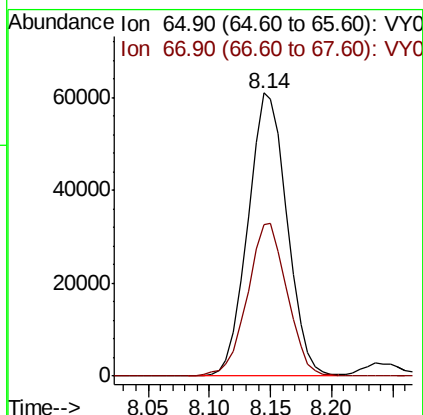
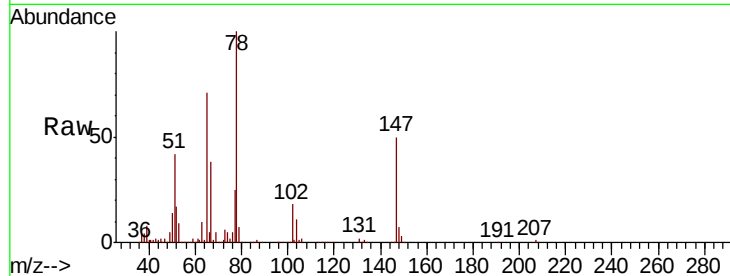




#33
 1,2-Dichloroethane-d4
 Concen: 54.126 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002779.D
 Acq: 27 May 2020 21:16

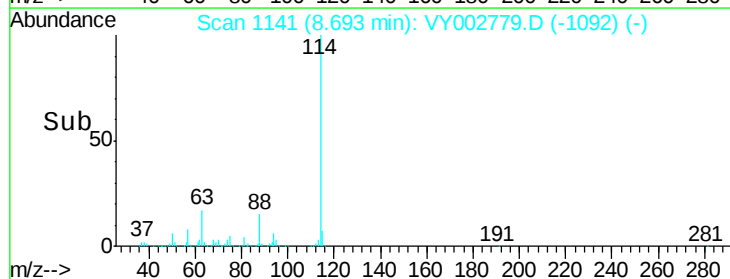
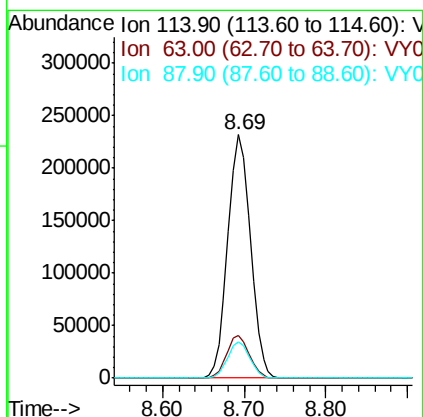
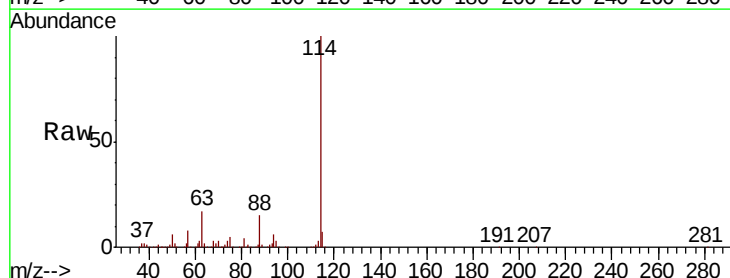
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 135695
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002779.D
 Acq: 27 May 2020 21:16

Tgt Ion: 114 Resp: 445496
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.2
 88 14.9 0.0 29.2

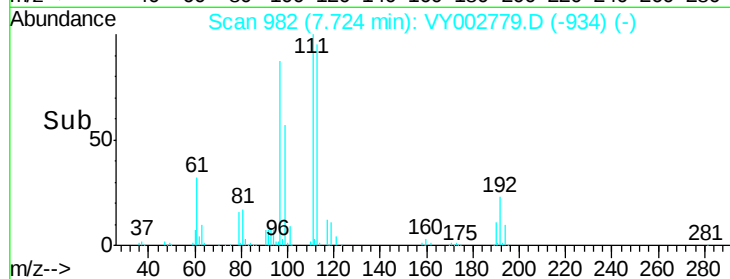
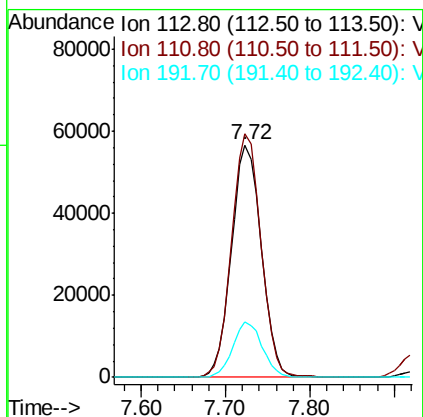
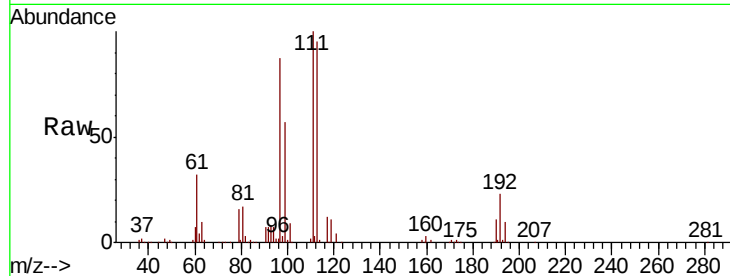




#35
 Dibromofluoromethane
 Concen: 51.940 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002779.D
 Acq: 27 May 2020 21:16

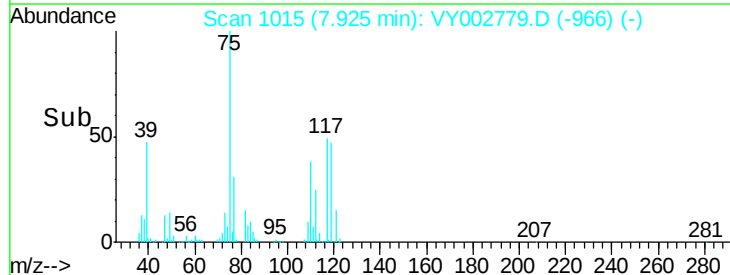
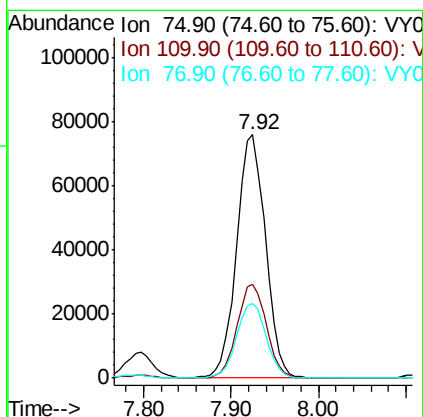
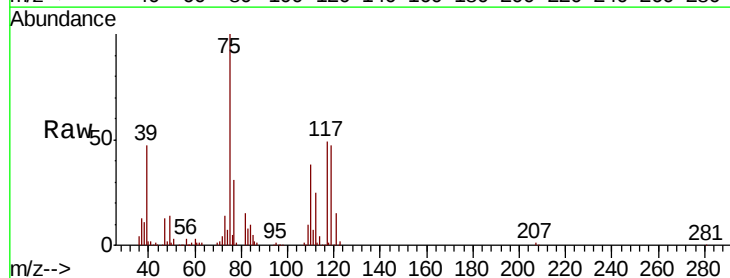
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

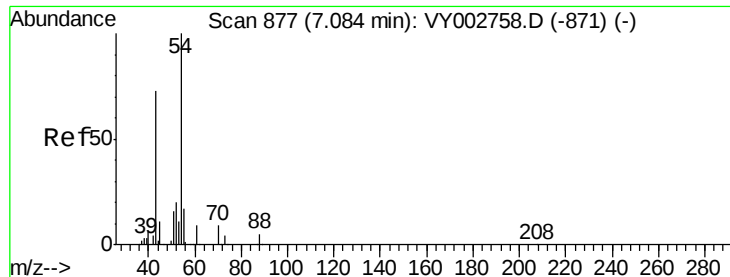
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	23.5	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 46.723 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY002779.D
 Acq: 27 May 2020 21:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.8	19.3	57.9
77	31.5	24.8	37.2

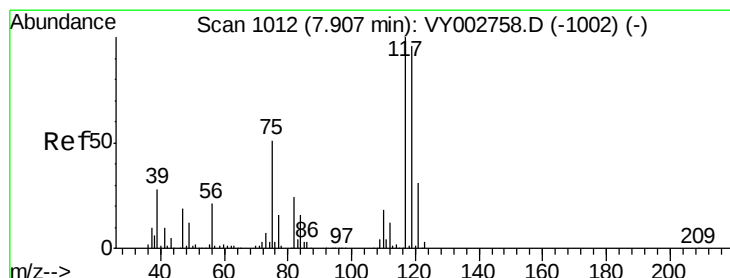
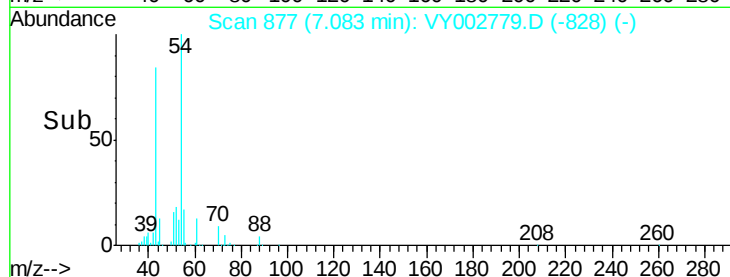
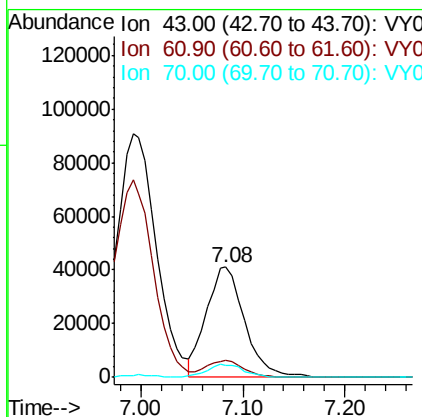
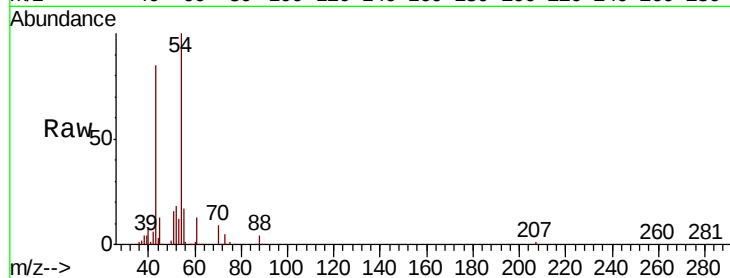




#37
Ethyl Acetate
Concen: 52.619 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

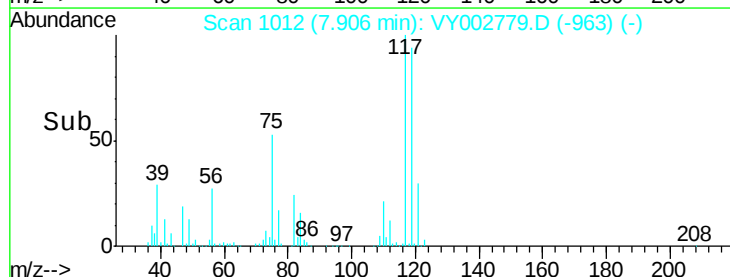
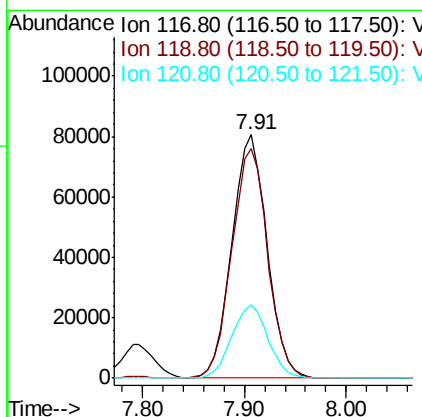
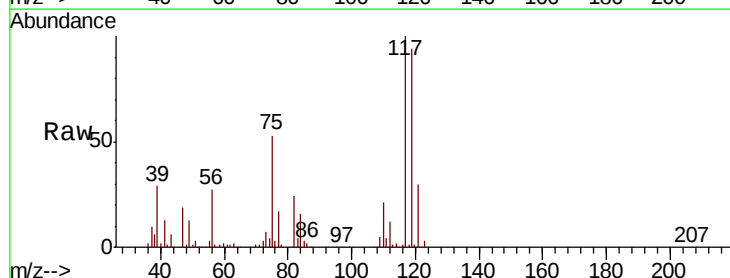
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

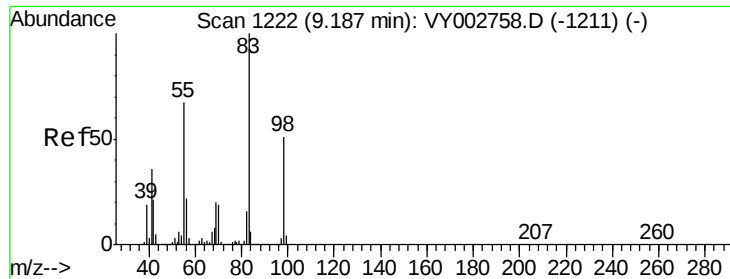
Tot Ion	43	Resp	107437
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.9	17.9
70	11.3	9.1	13.7



#38
Carbon Tetrachloride
Concen: 46.166 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

Tgt Ion	117	Resp	192461
Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.8	115.2
121	30.4	24.8	37.2

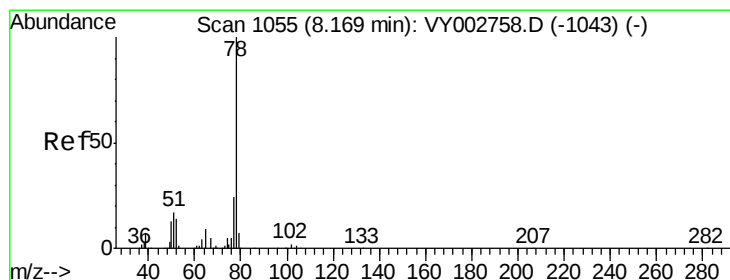
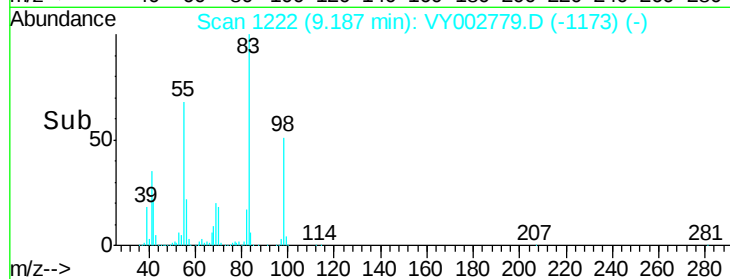
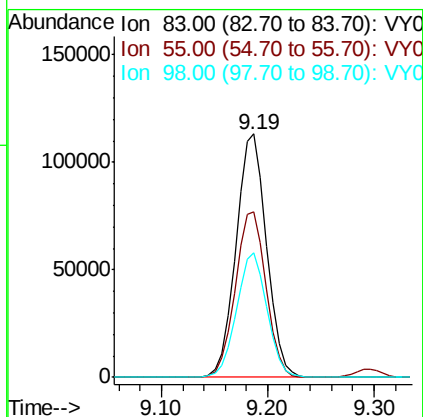
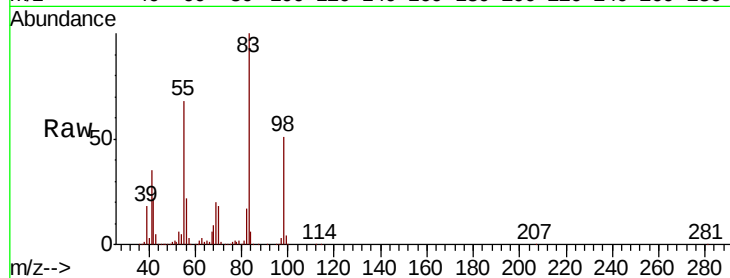




#39
Methylcyclohexane
Concen: 46.024 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

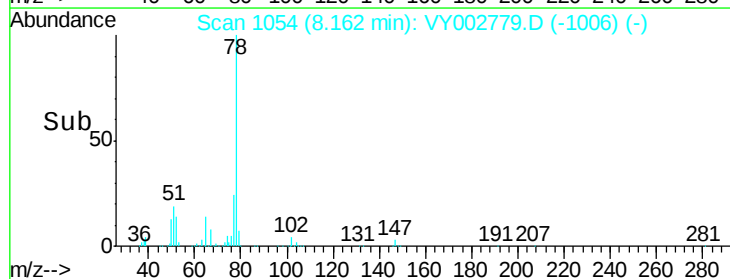
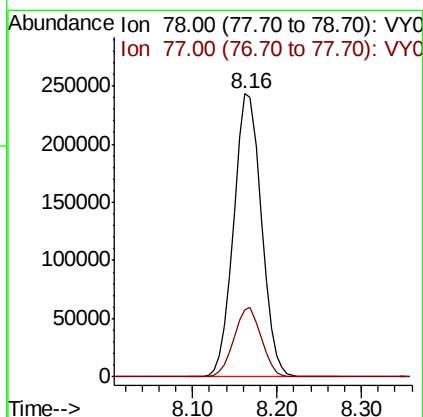
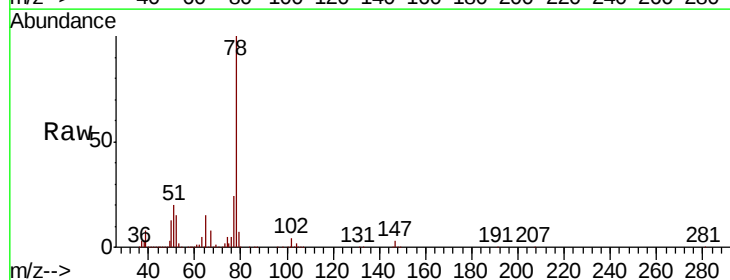
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

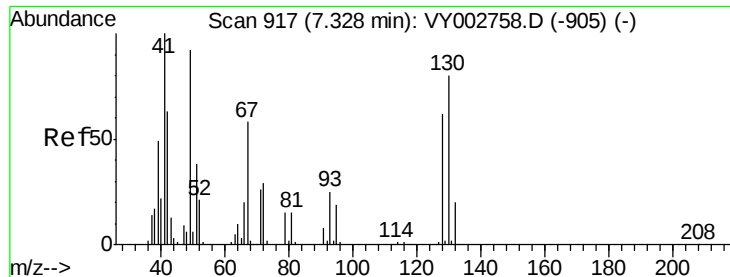
Tot Ion: 83 Resp: 227655
Ion Ratio Lower Upper
83 100
55 67.8 53.3 79.9
98 51.2 41.1 61.7



#40
Benzene
Concen: 48.670 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

Tgt Ion: 78 Resp: 539679
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2





#41

Methacrylonitrile

Concen: 136.600 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.02 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 149836

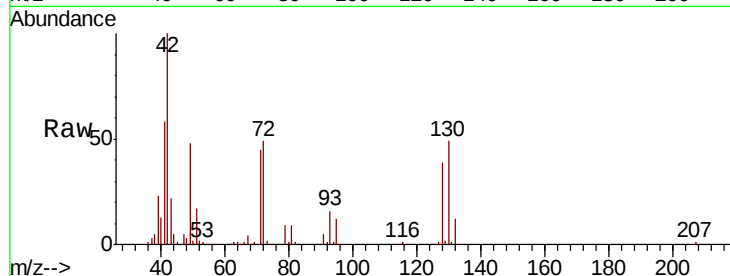
Ion Ratio Lower Upper

41 100

39 0.0 97.6 146.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

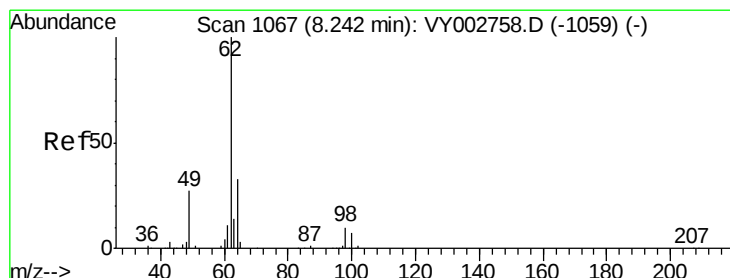
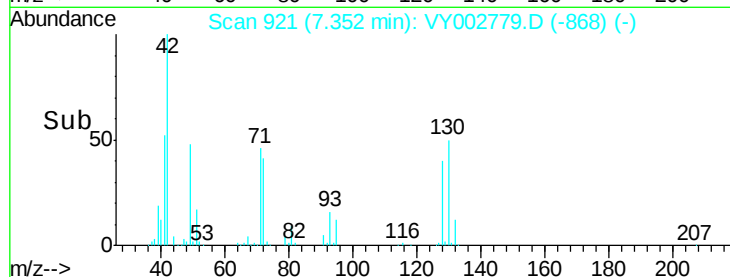
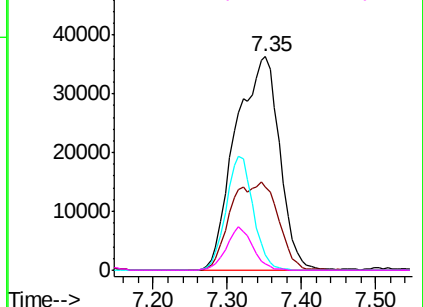


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 49.460 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY002779.D

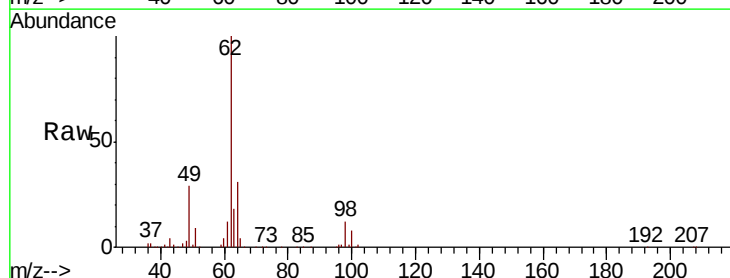
Acq: 27 May 2020 21:16

Tgt Ion: 62 Resp: 153702

Ion Ratio Lower Upper

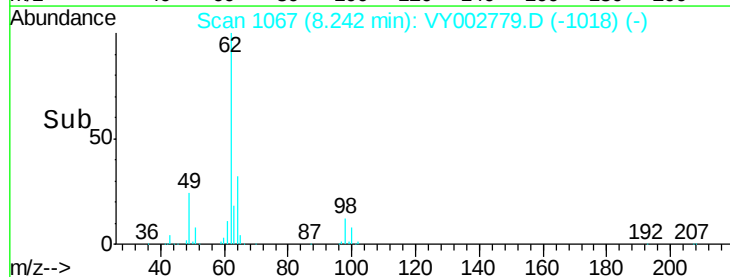
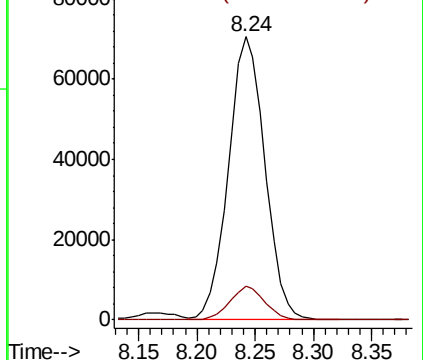
62 100

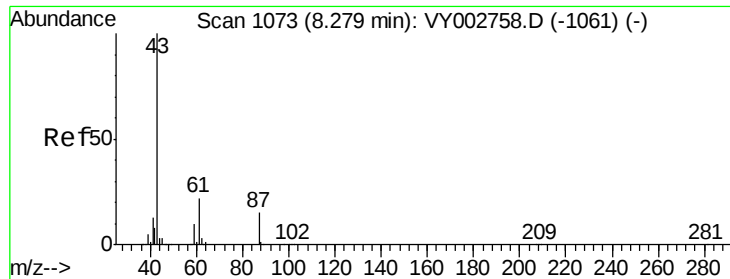
98 11.3 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 52.735 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

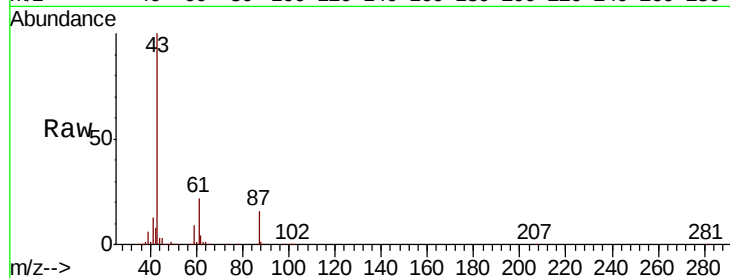
Tot Ion: 43 Resp: 204043

Ion Ratio Lower Upper

43 100

61 30.4 24.8 37.2

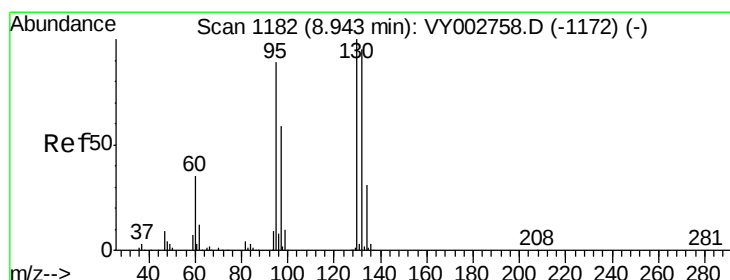
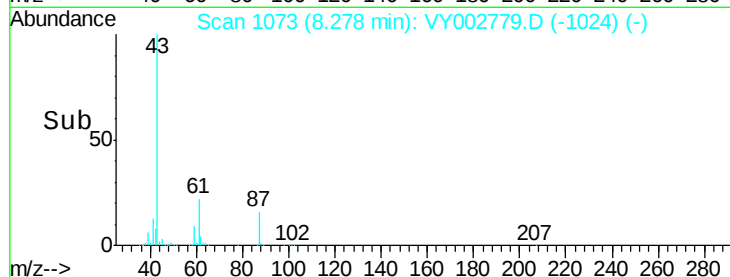
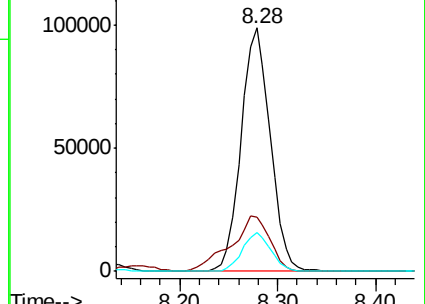
87 15.7 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002779.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002779.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002779.D (-1024) (-)



#44

Trichloroethene

Concen: 47.940 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY002779.D

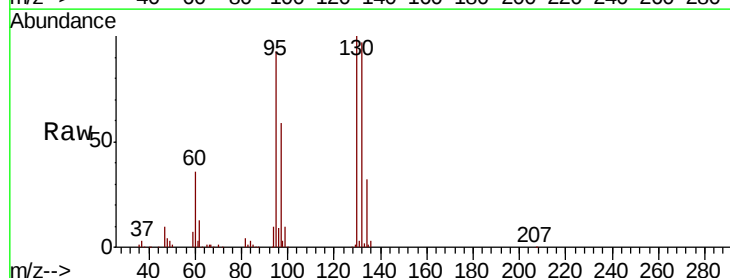
Acq: 27 May 2020 21:16

Tgt Ion:130 Resp: 167914

Ion Ratio Lower Upper

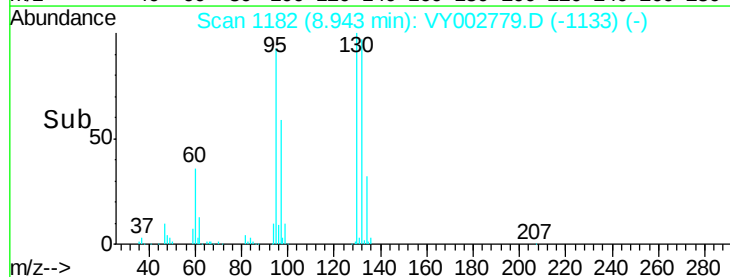
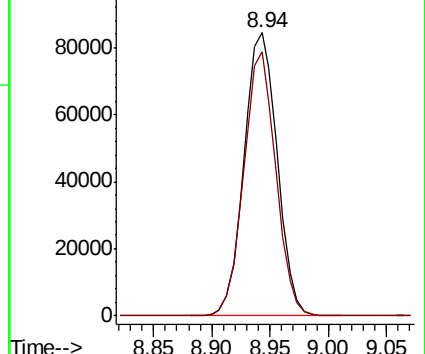
130 100

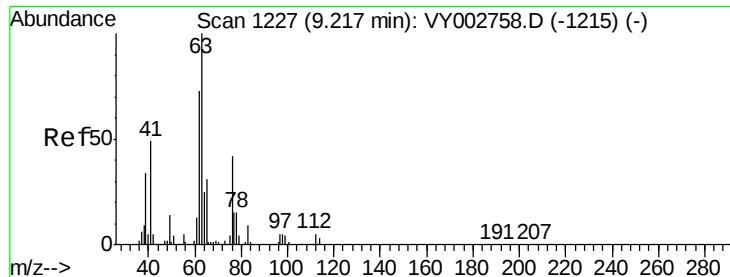
95 93.3 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002779.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002779.D (-1133) (-)





#45

1,2-Dichloropropane

Concen: 50.005 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

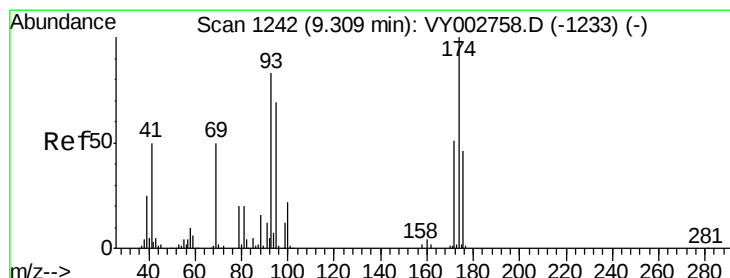
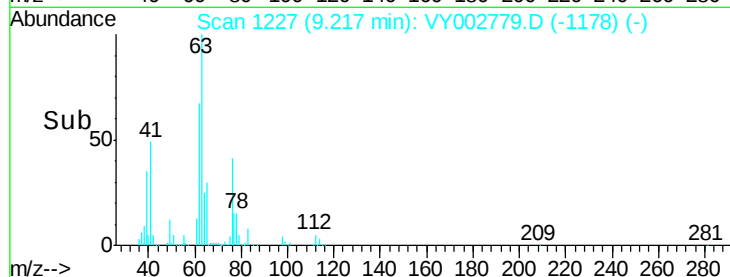
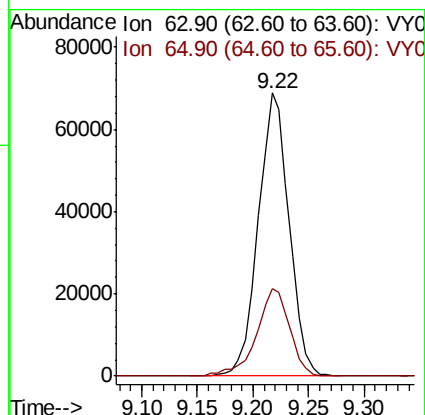
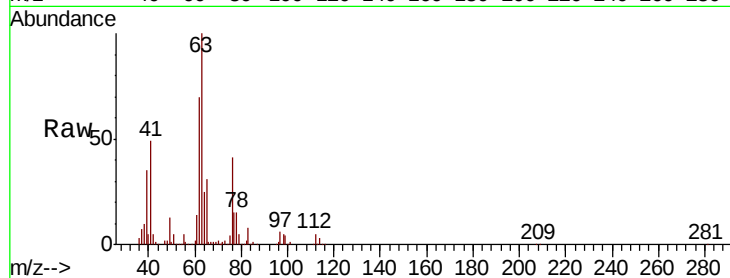
VSTDCCC050EC

Tot Ion: 63 Resp: 132973

Ion Ratio Lower Upper

63 100

65 31.0 24.8 37.2



#46

Dibromomethane

Concen: 50.399 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

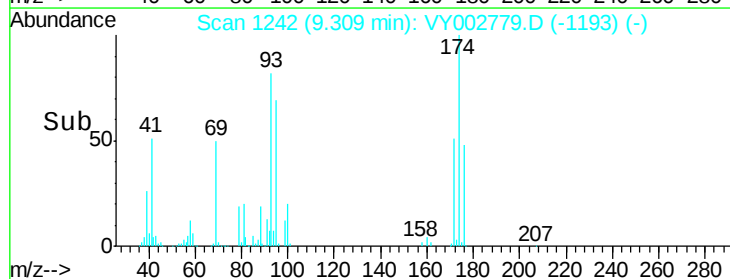
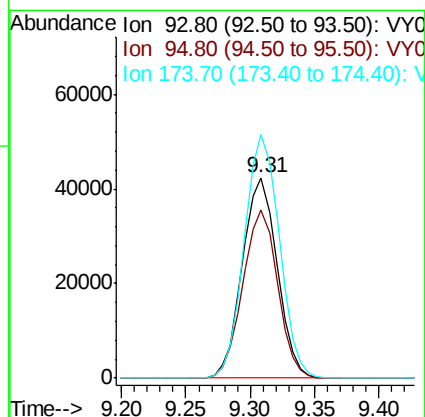
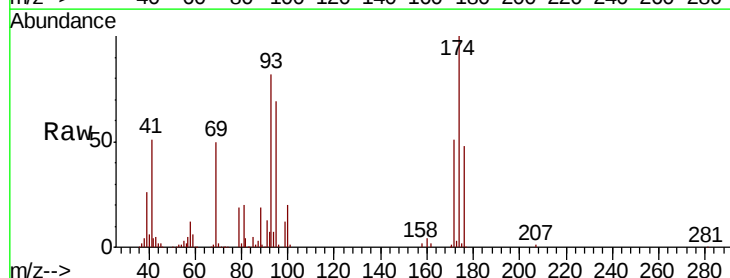
Tgt Ion: 93 Resp: 79592

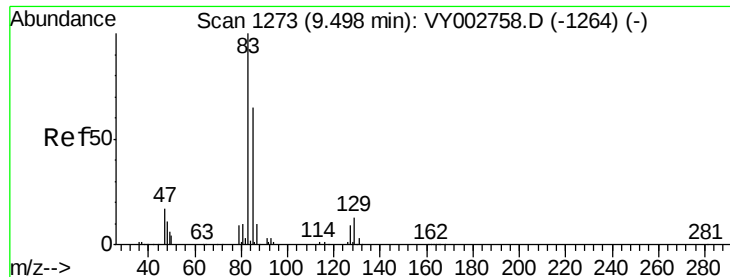
Ion Ratio Lower Upper

93 100

95 83.5 66.9 100.3

174 121.9 97.7 146.5





#47

Bromodichloromethane

Concen: 50.612 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

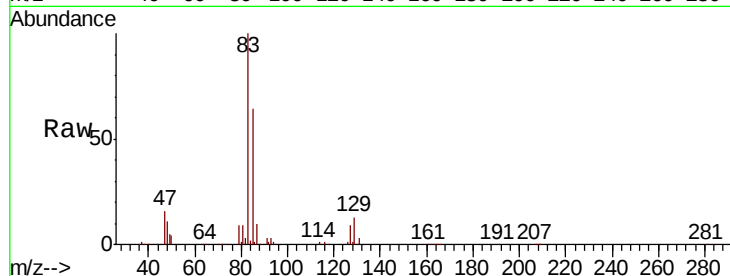
Tot Ion: 83 Resp: 188429

Ion Ratio Lower Upper

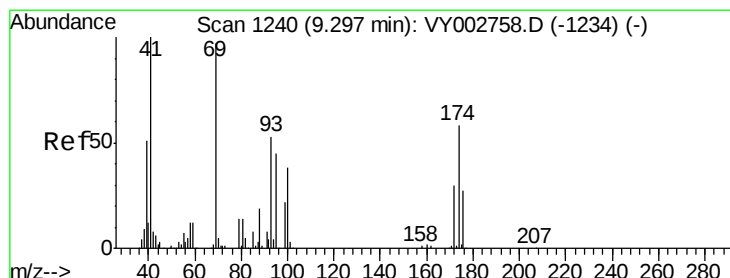
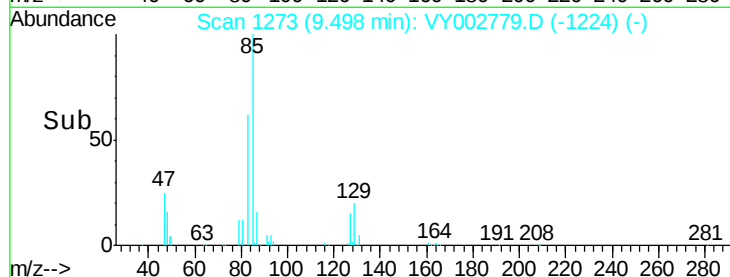
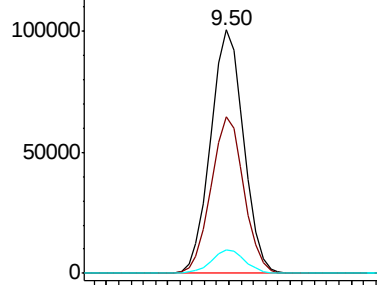
83 100

85 64.2 51.9 77.9

127 9.4 7.1 10.7



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: 53.579 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

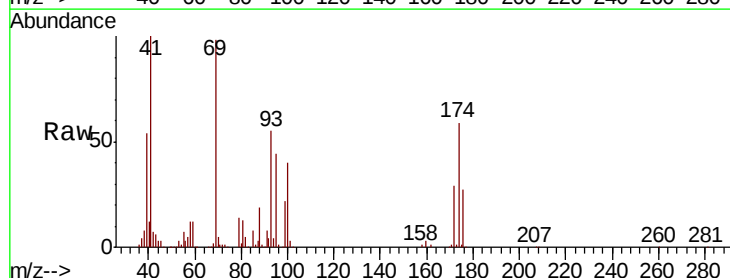
Tgt Ion: 41 Resp: 93584

Ion Ratio Lower Upper

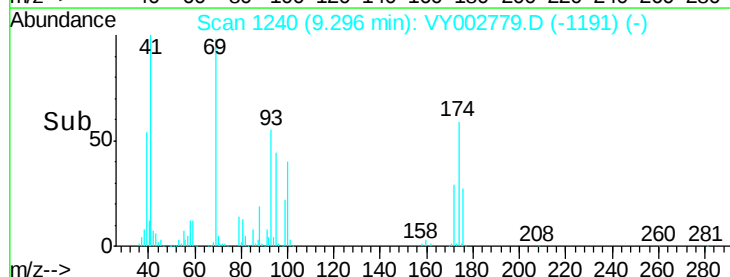
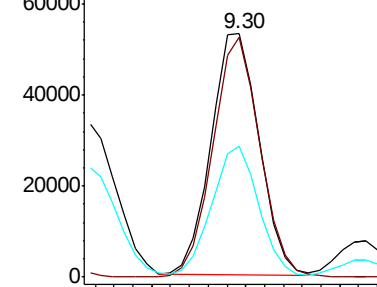
41 100

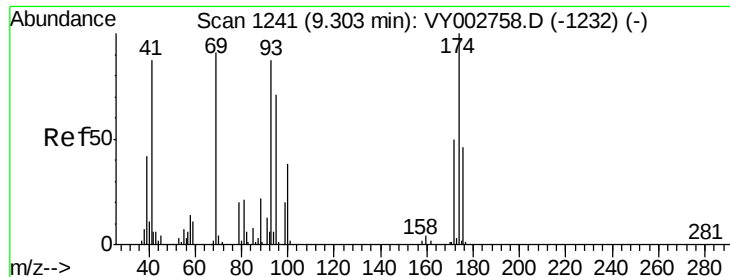
69 97.6 79.7 119.5

39 53.8 43.3 64.9



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

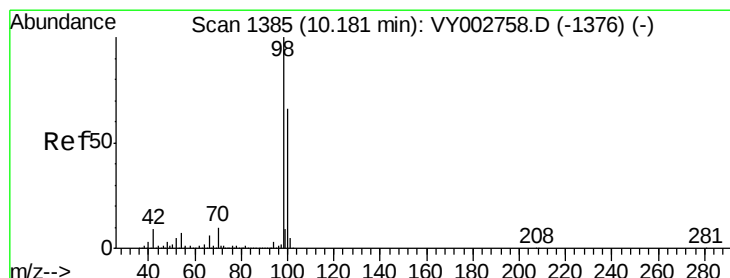
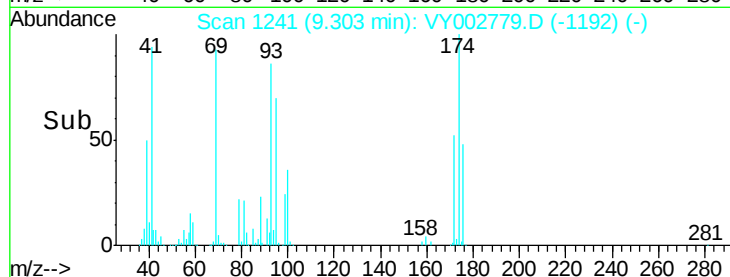
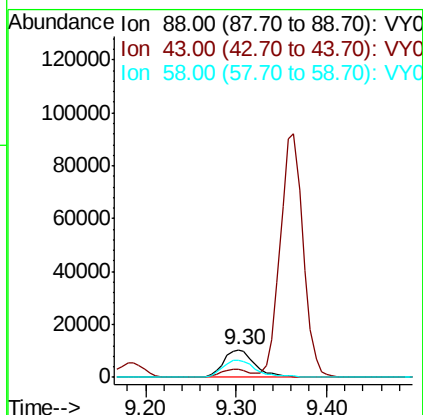
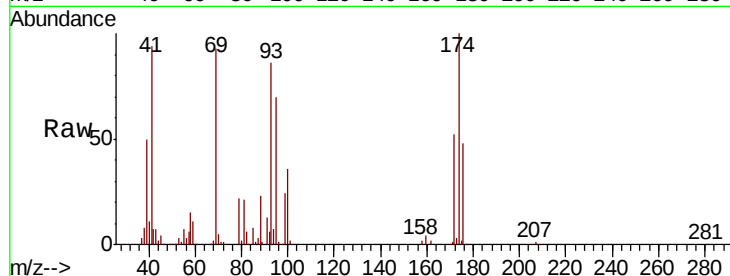




#49
1,4-Dioxane
Concen: 1040.629 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

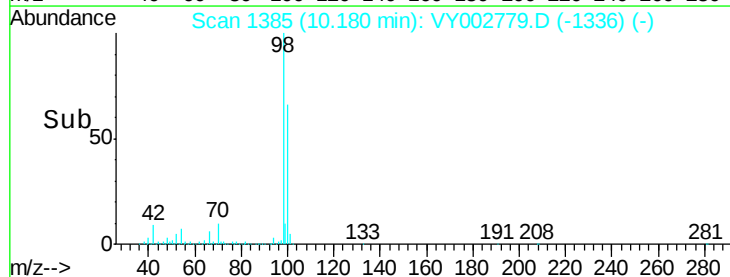
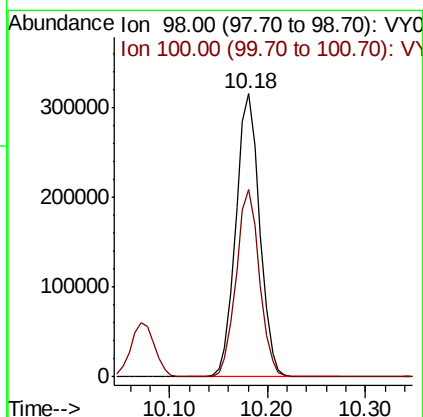
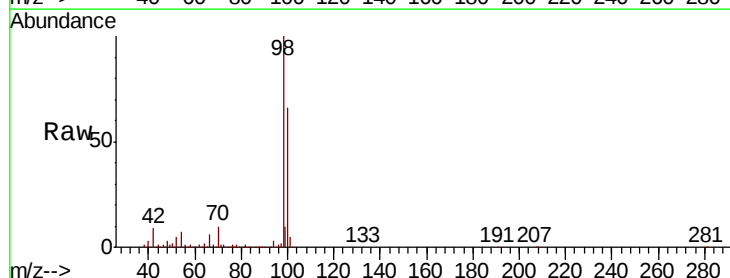
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

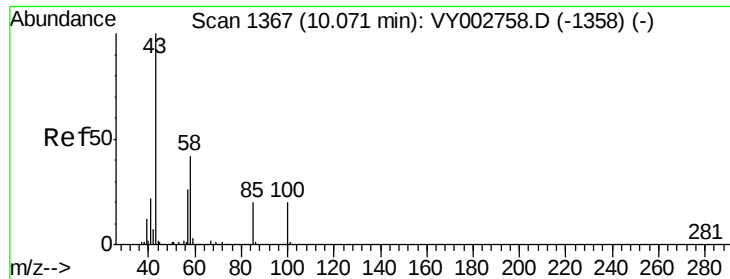
Tot Ion: 88 Resp: 25234
Ion Ratio Lower Upper
88 100
43 26.3 21.3 31.9
58 66.6 52.2 78.2



#50
Toluene-d8
Concen: 50.388 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

Tgt Ion: 98 Resp: 531907
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2

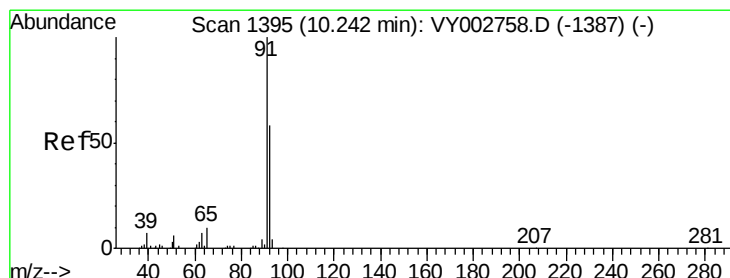
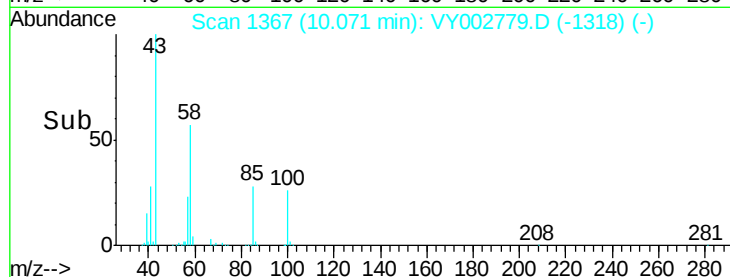
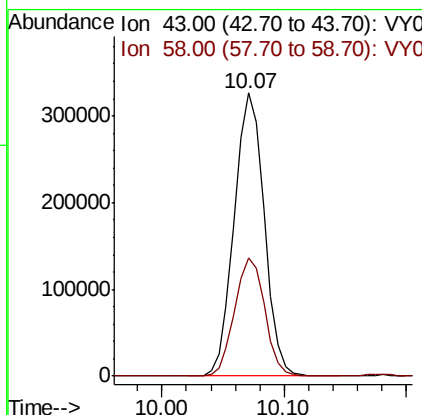
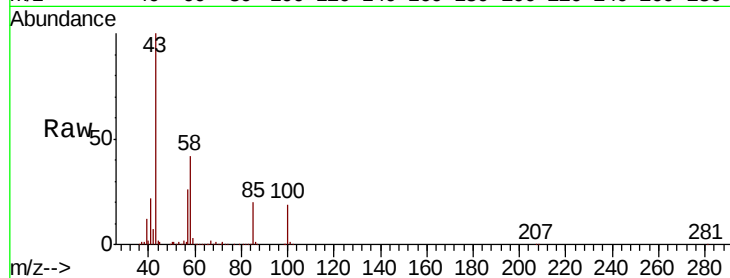




#51
4-Methyl-2-Pentanone
Concen: 269.973 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

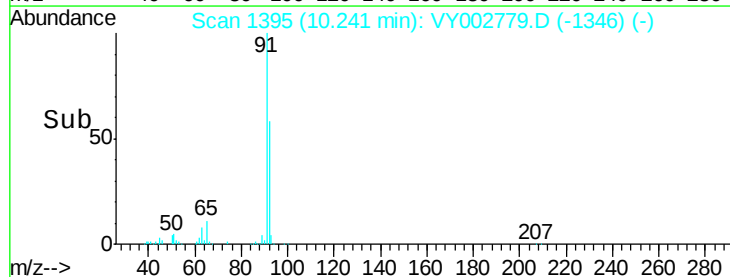
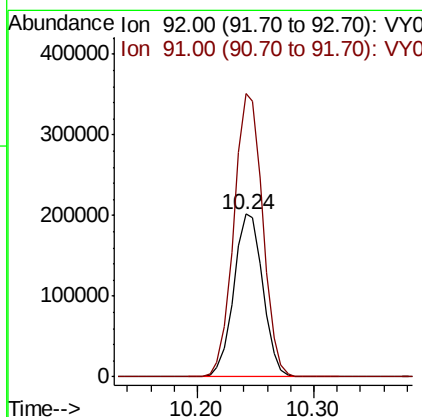
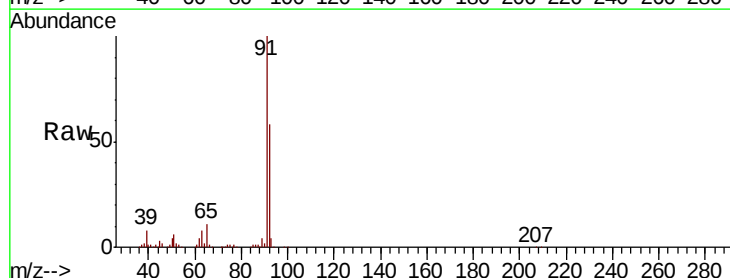
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

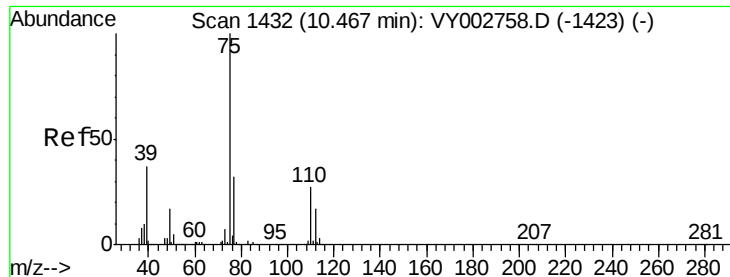
Tot Ion: 43 Resp: 553129
Ion Ratio Lower Upper
43 100
58 42.1 34.2 51.2



#52
Toluene
Concen: 48.271 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

Tgt Ion: 92 Resp: 350154
Ion Ratio Lower Upper
92 100
91 173.0 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 49.628 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

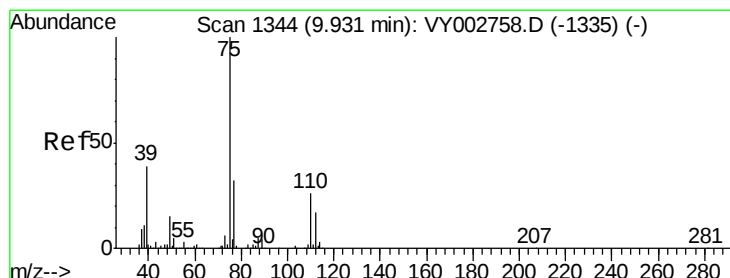
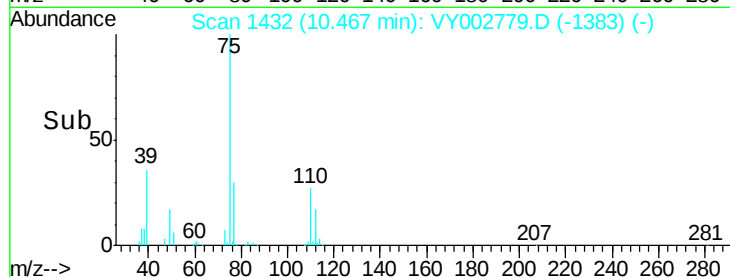
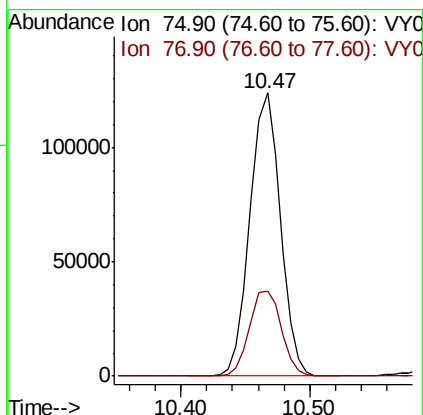
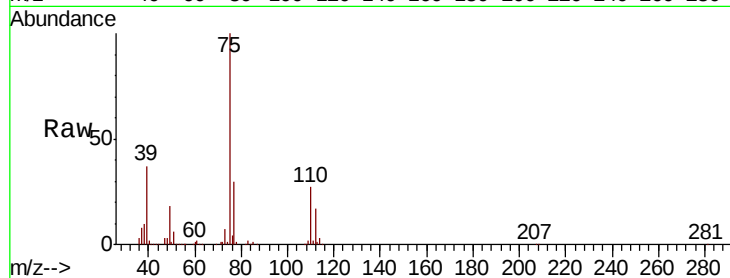
VSTDCCC050EC

Tot Ion: 75 Resp: 201809

Ion Ratio Lower Upper

75 100

77 30.2 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 49.225 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

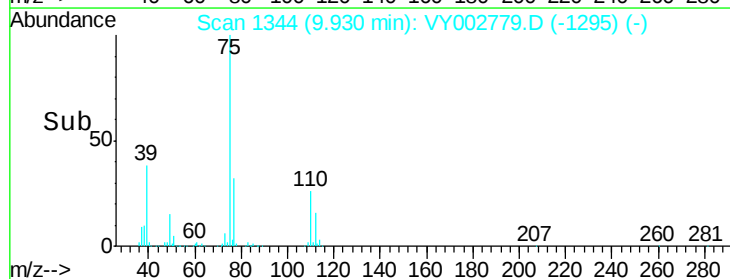
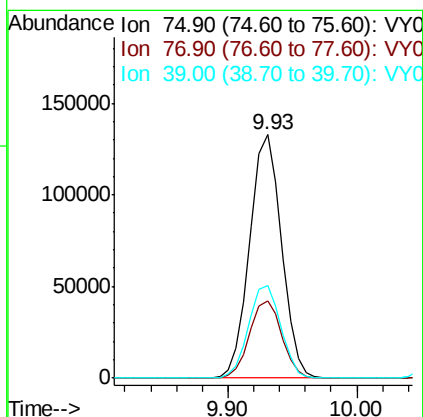
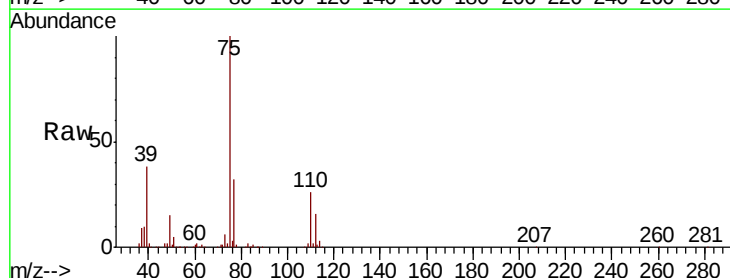
Tgt Ion: 75 Resp: 226818

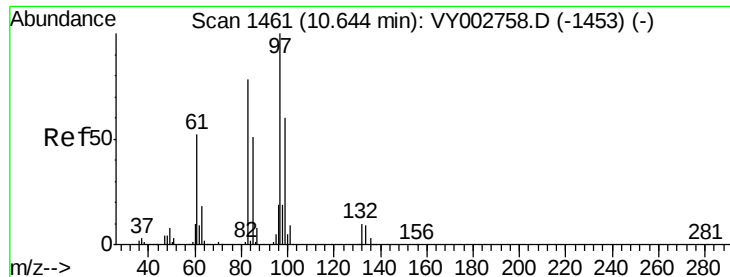
Ion Ratio Lower Upper

75 100

77 31.5 25.6 38.4

39 38.1 31.3 46.9

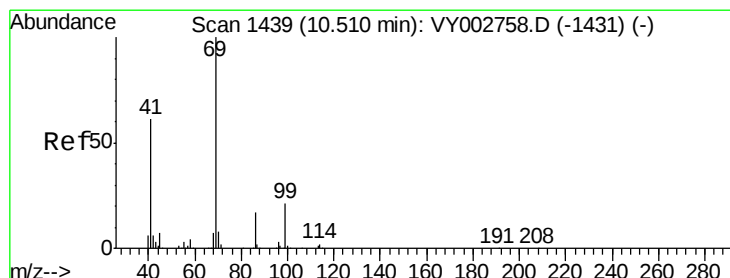
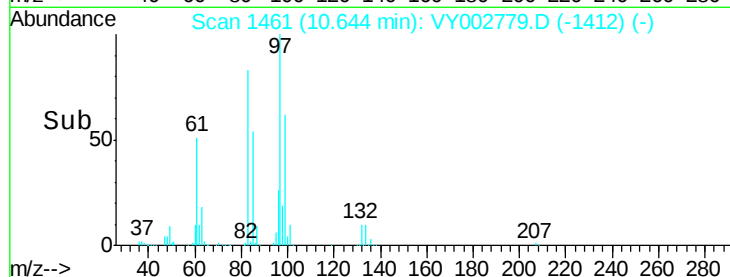
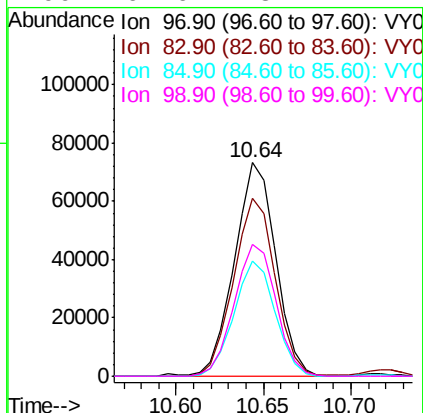
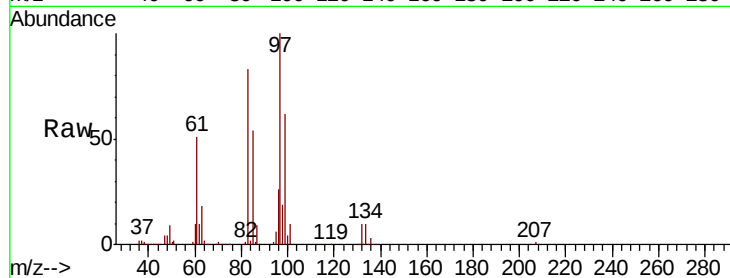




#55
 1,1,2-Trichloroethane
 Concen: 49.671 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002779.D
 Acq: 27 May 2020 21:16

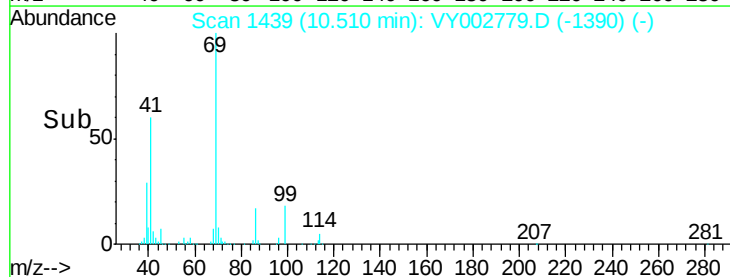
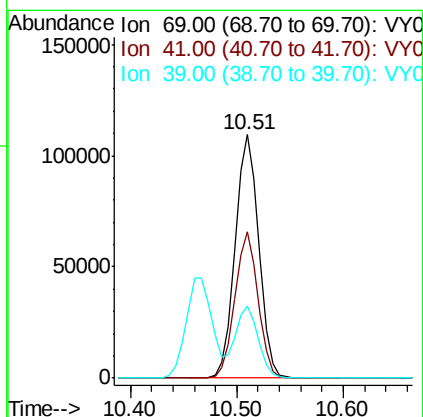
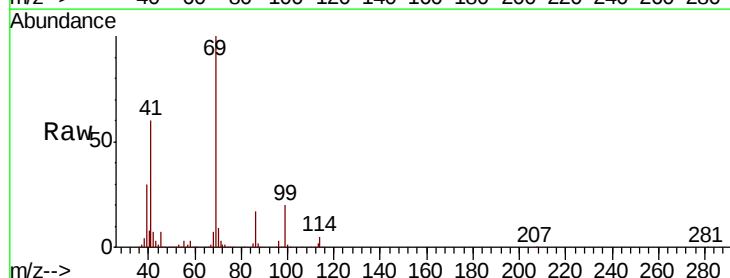
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	120092
Ion	Ratio	Lower	Upper
97	100		
83	83.1	62.7	94.1
85	53.9	40.6	60.8
99	61.6	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 52.751 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002779.D
 Acq: 27 May 2020 21:16

Tgt Ion:	69	Resp:	170829
Ion	Ratio	Lower	Upper
69	100		
41	58.3	47.0	70.4
39	29.3	22.0	33.0





#57

1,3-Dichloropropane

Concen: 50.695 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

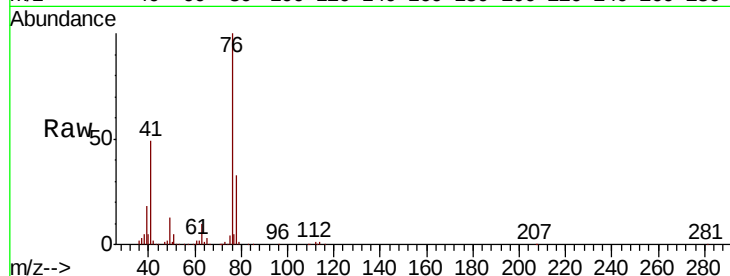
VSTDCCC050EC

Tot Ion: 76 Resp: 201599

Ion Ratio Lower Upper

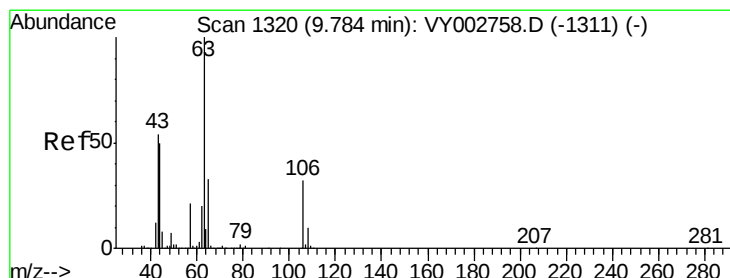
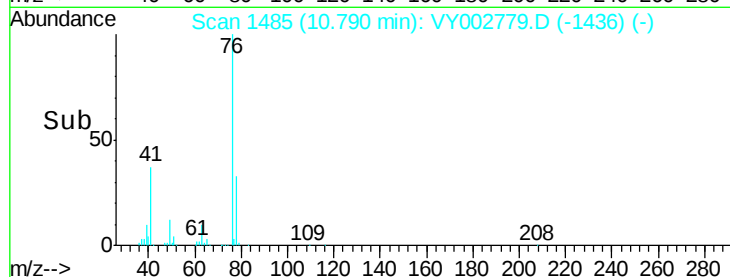
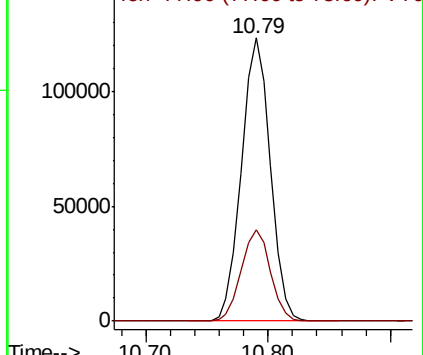
76 100

78 32.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 278.390 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002779.D

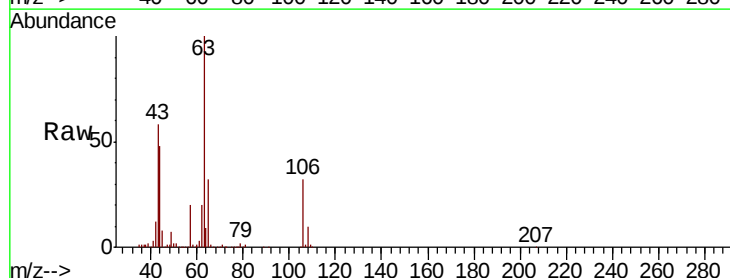
Acq: 27 May 2020 21:16

Tgt Ion: 63 Resp: 440514

Ion Ratio Lower Upper

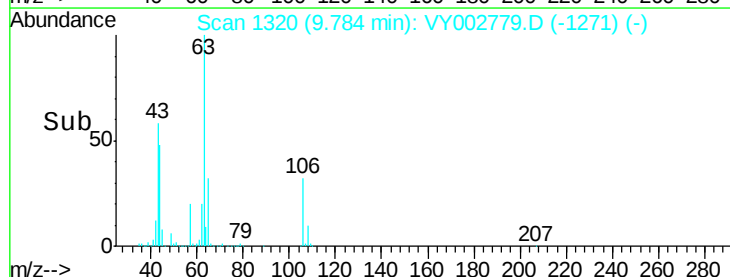
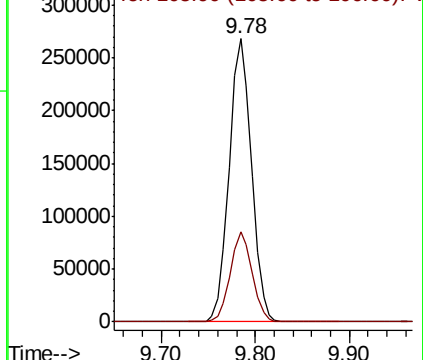
63 100

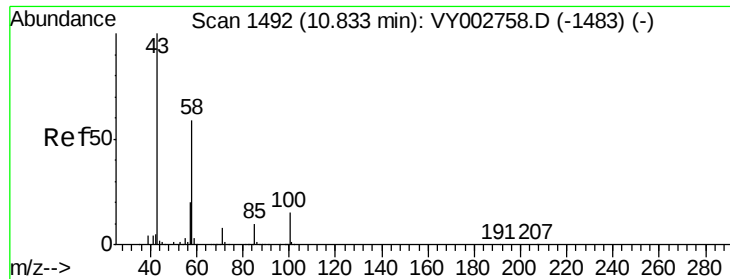
106 31.0 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

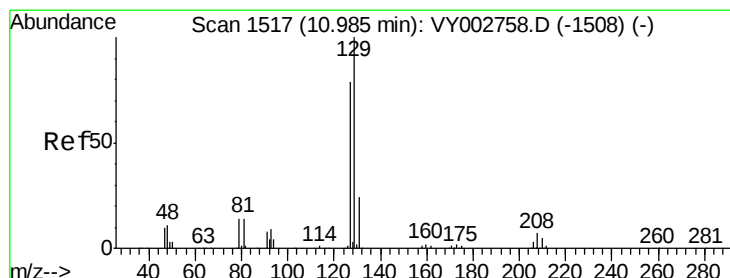
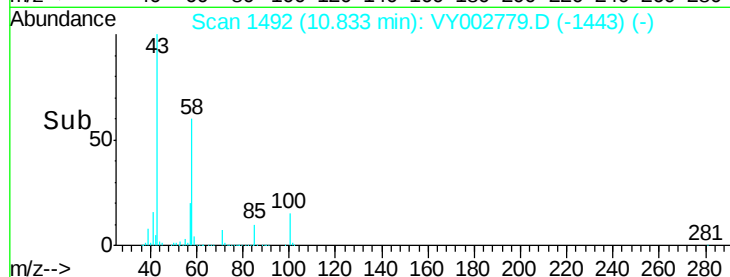
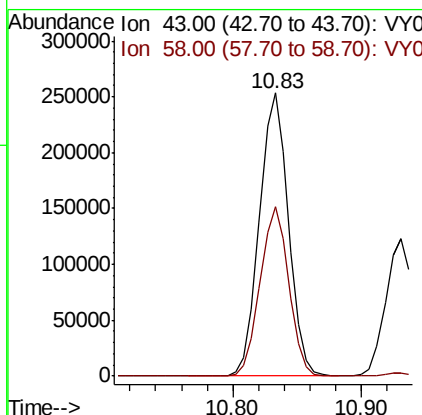
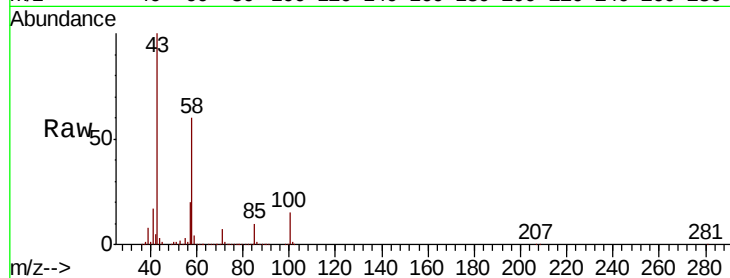




#59
2-Hexanone
Concen: 270.274 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

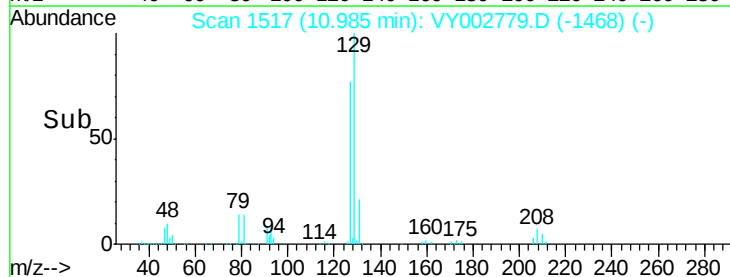
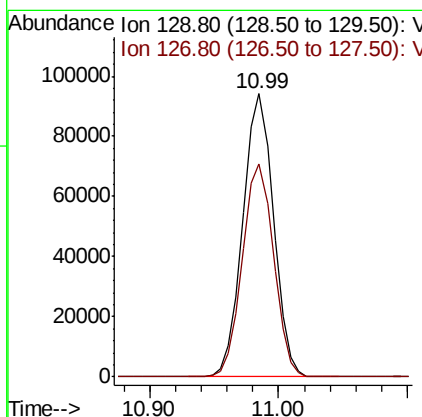
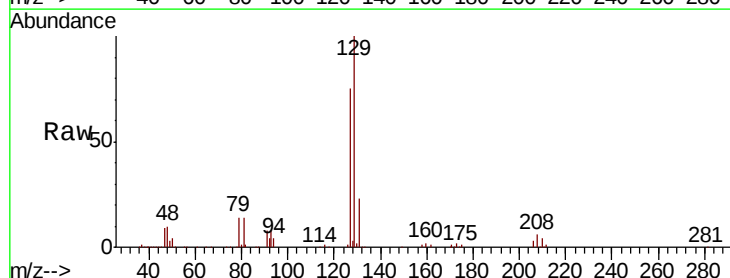
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

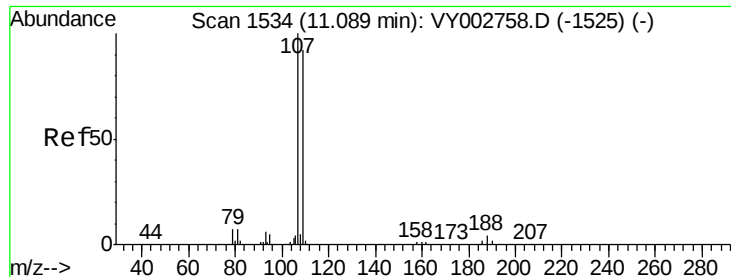
Tot Ion: 43 Resp: 392896
Ion Ratio Lower Upper
43 100
58 59.5 29.5 88.5



#60
Dibromochloromethane
Concen: 50.492 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

Tgt Ion: 129 Resp: 154774
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.691 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

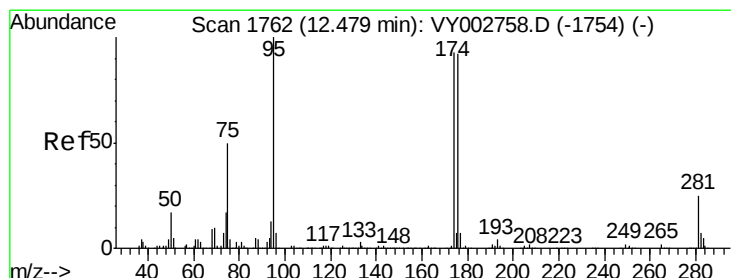
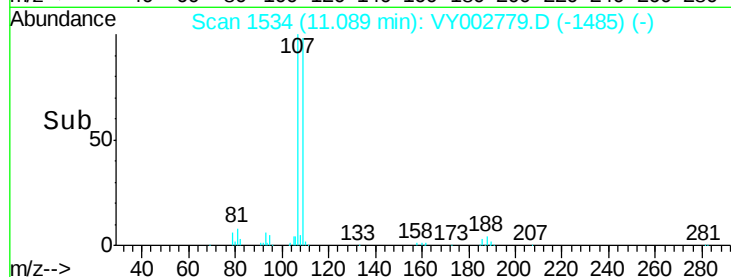
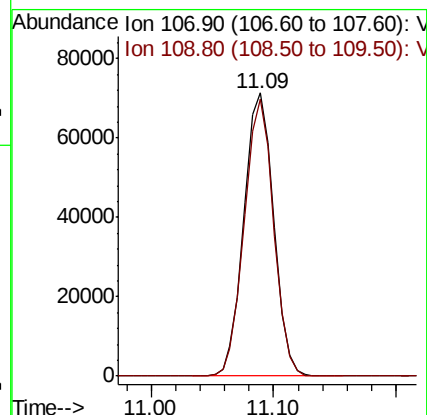
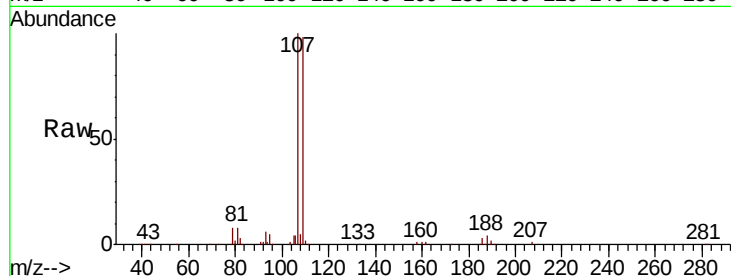
VSTDCCC050EC

Tot Ion:107 Resp: 120899

Ion Ratio Lower Upper

107 100

109 96.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 51.665 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

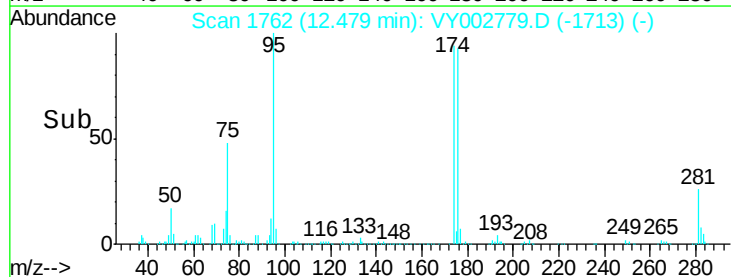
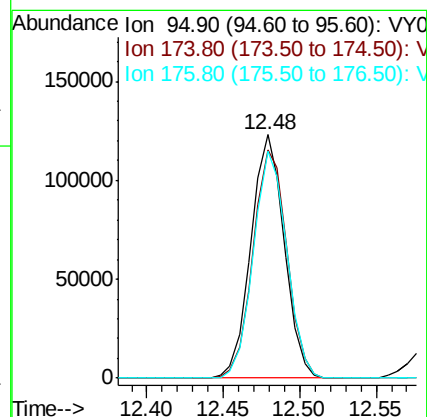
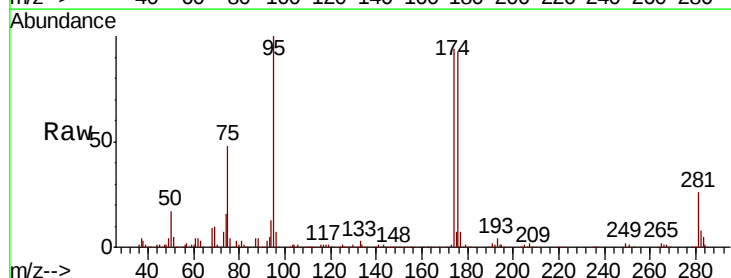
Tgt Ion: 95 Resp: 186388

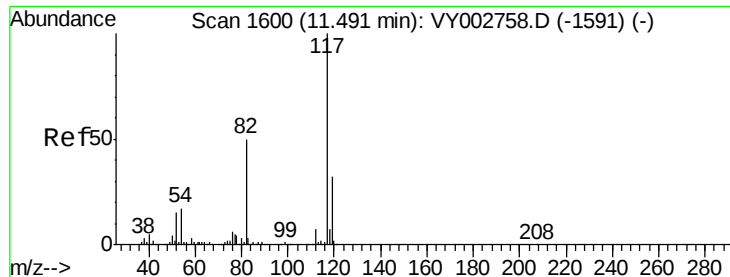
Ion Ratio Lower Upper

95 100

174 95.5 0.0 191.2

176 93.4 0.0 188.8

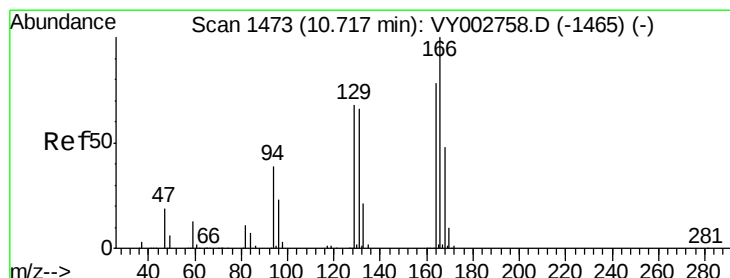
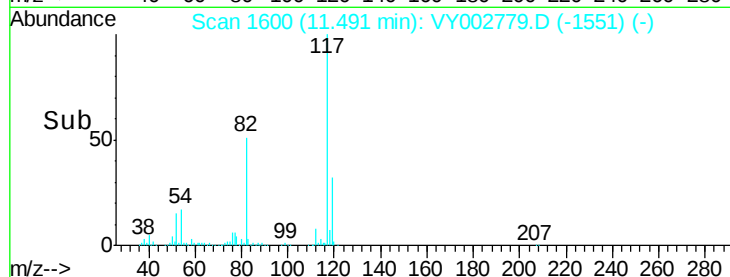
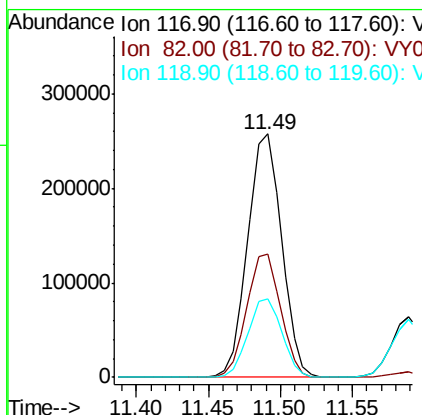
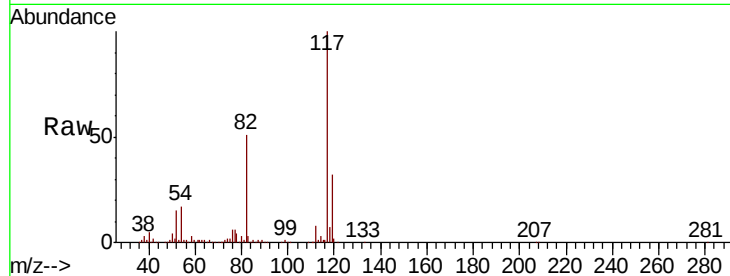




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

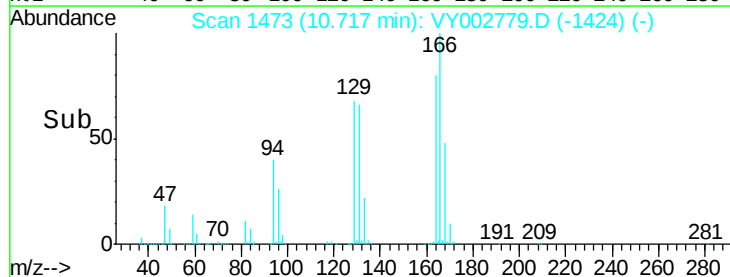
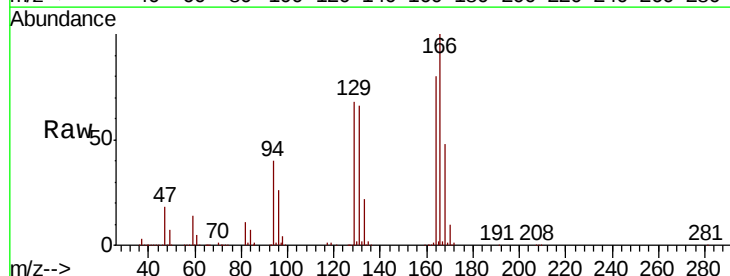
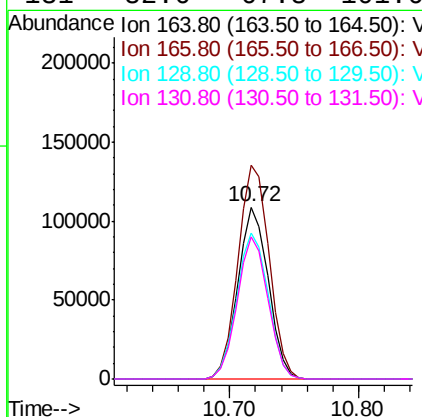
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

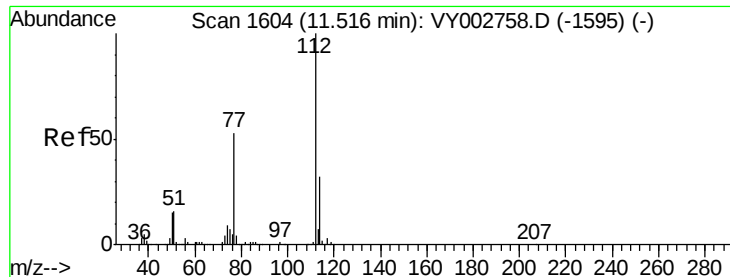
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	40.2	60.4
119	32.4	25.8	38.8



#64
Tetrachloroethene
Concen: 46.501 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.3	102.3	153.5
129	84.8	69.4	104.2
131	82.6	67.8	101.6

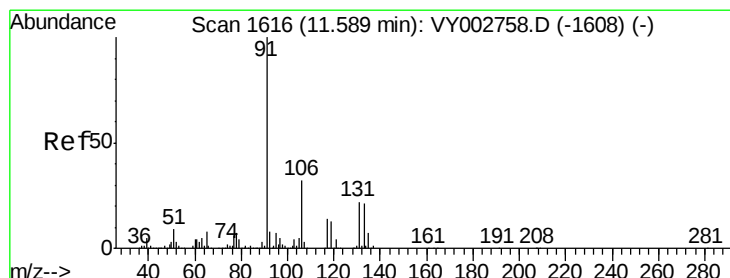
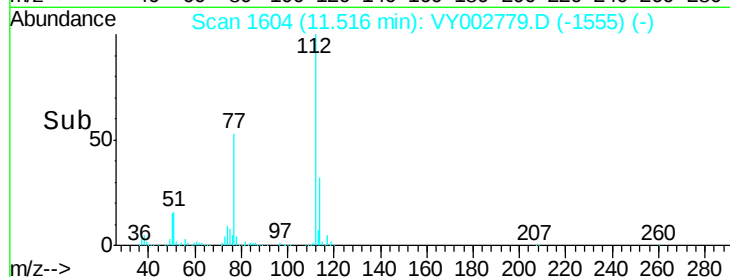
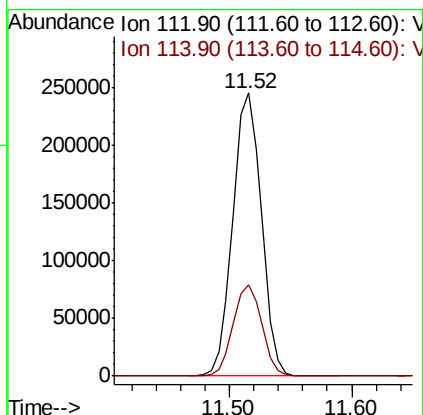
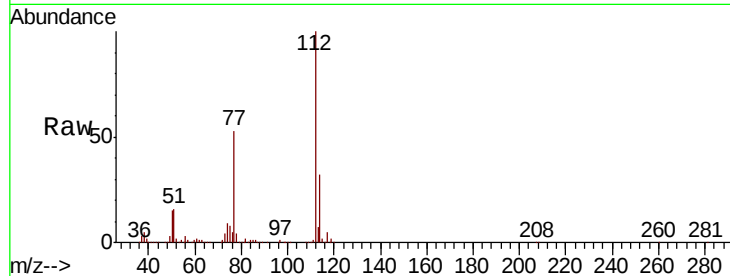




#65
Chlorobenzene
Concen: 47.552 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

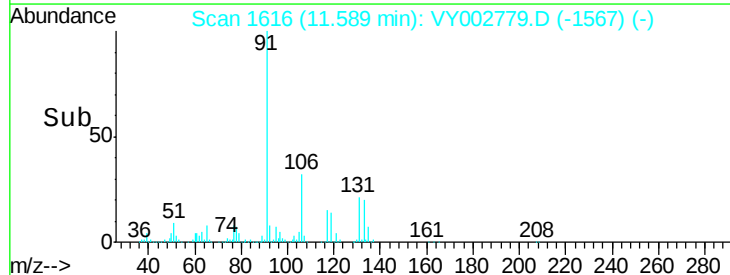
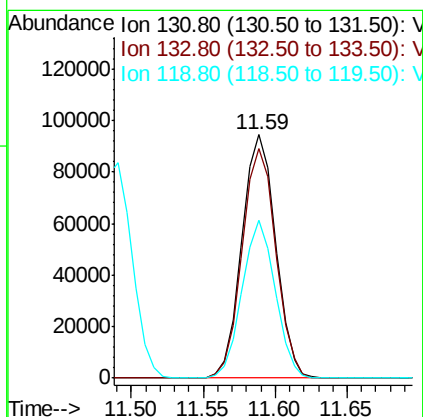
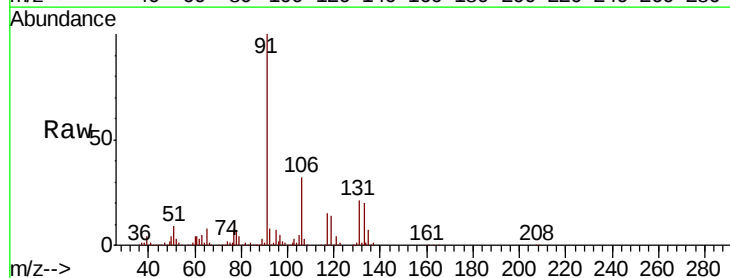
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 395282
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.026 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

Tgt Ion:131 Resp: 153489
Ion Ratio Lower Upper
131 100
133 94.4 47.6 142.8
119 63.7 31.7 95.1





#67

Ethyl Benzene

Concen: 47.208 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

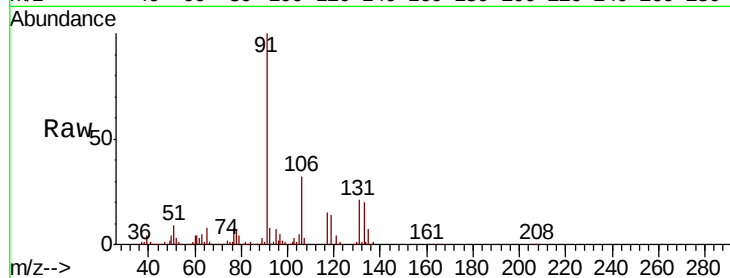
VSTDCCC050EC

Tot Ion: 91 Resp: 680322

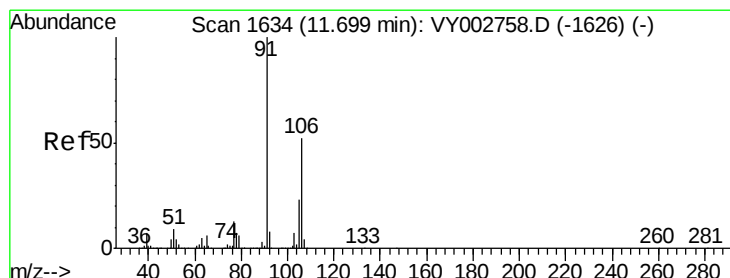
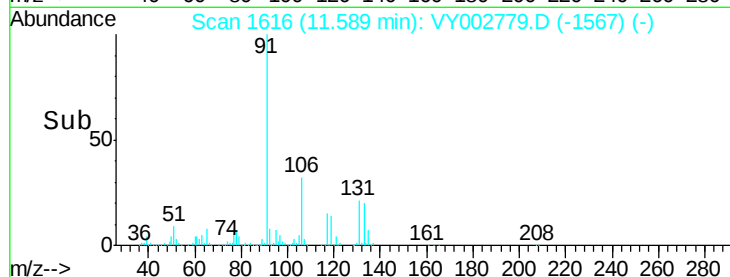
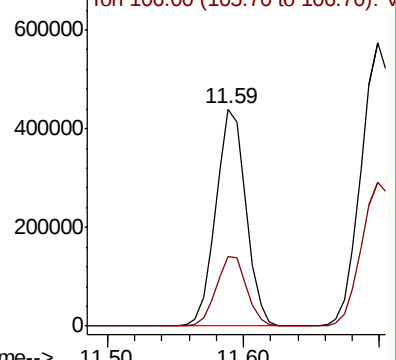
Ion Ratio Lower Upper

91 100

106 31.9 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1608) (-)



#68

m/p-Xylenes

Concen: 94.740 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY002779.D

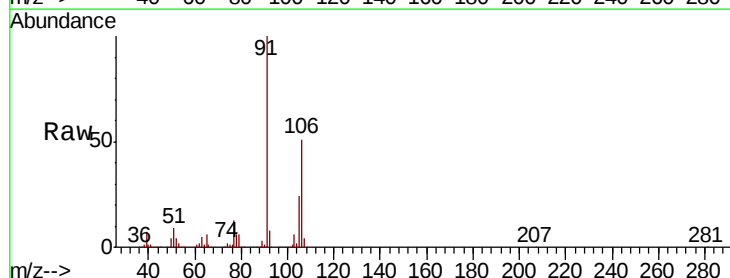
Acq: 27 May 2020 21:16

Tgt Ion: 106 Resp: 529354

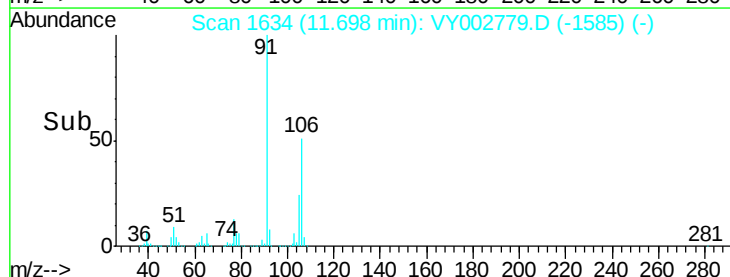
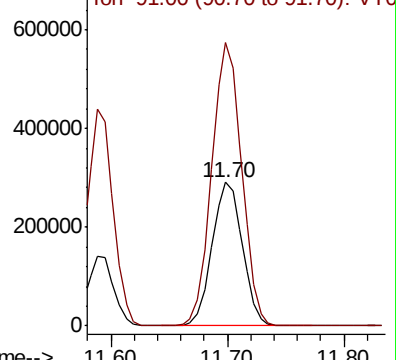
Ion Ratio Lower Upper

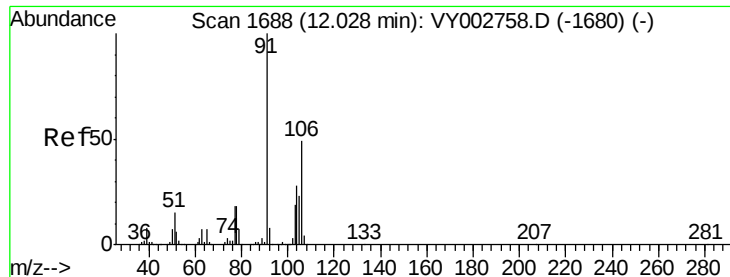
106 100

91 194.7 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): VY002758.D (-1626) (-)

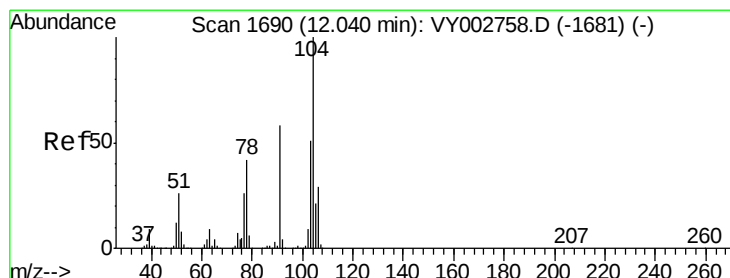
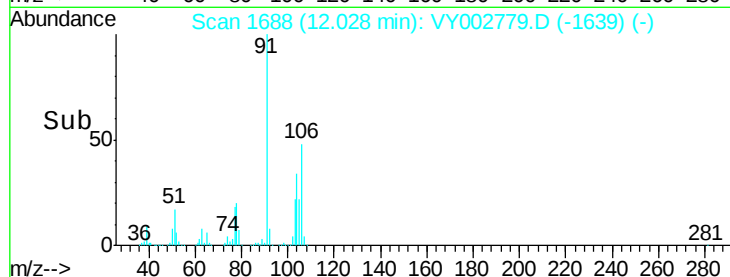
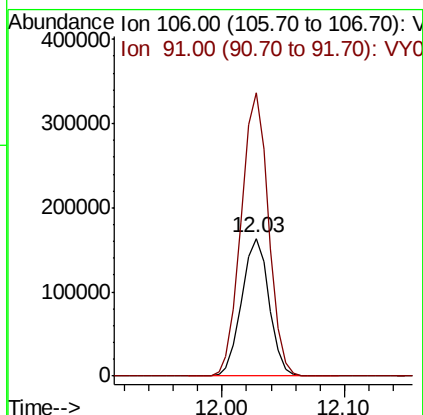
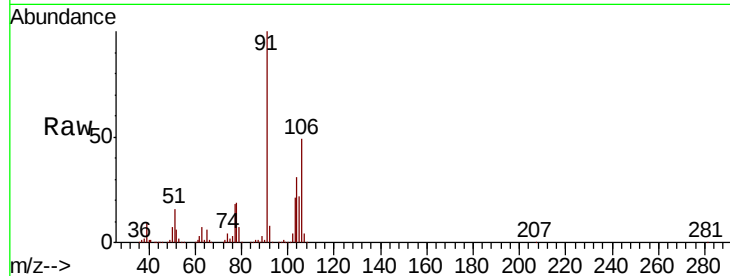




#69
o-Xylene
Concen: 48.250 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

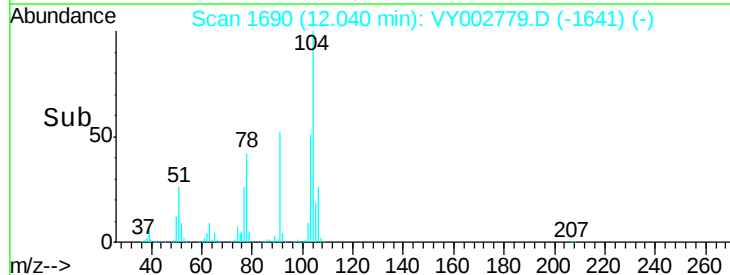
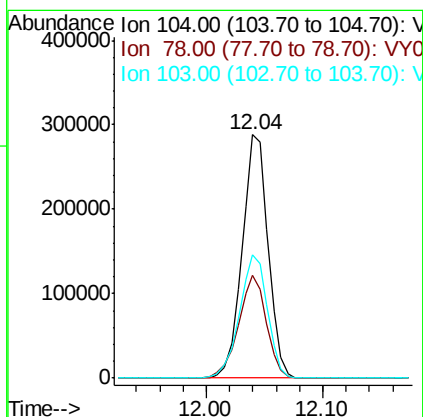
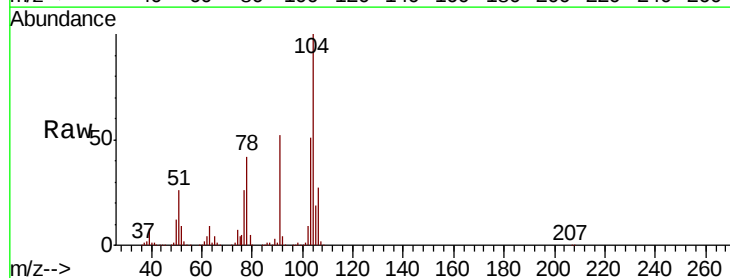
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

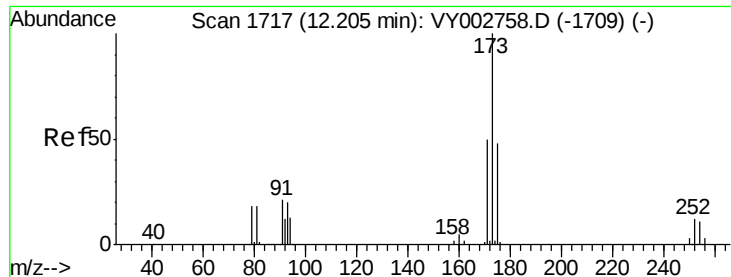
Tot Ion:106 Resp: 254504
Ion Ratio Lower Upper
106 100
91 204.9 102.4 307.1



#70
Styrene
Concen: 48.947 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

Tgt Ion:104 Resp: 447569
Ion Ratio Lower Upper
104 100
78 45.1 36.2 54.4
103 54.4 43.6 65.4





#71

Bromoform

Concen: 50.538 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

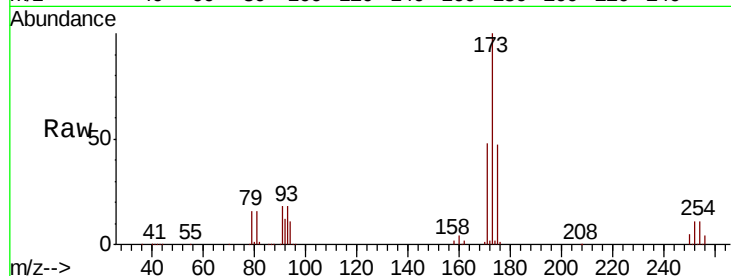
Tot Ion:173 Resp: 105870

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

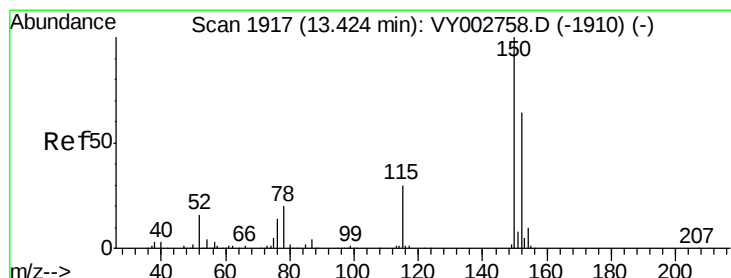
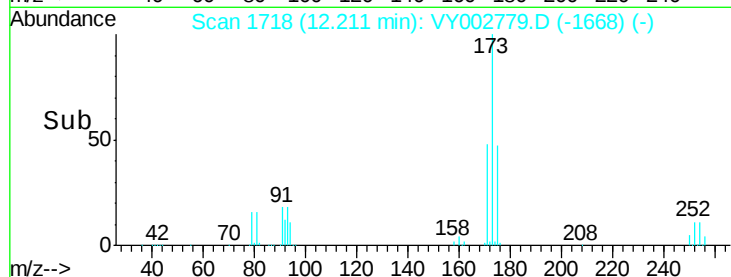
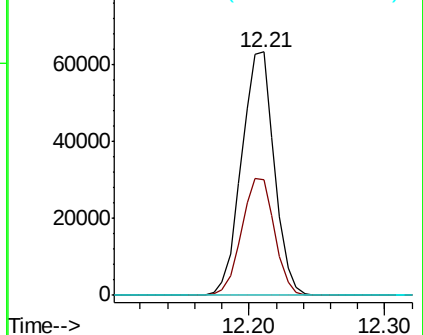
254 0.1 0.1 0.1



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: VY002779.D

Acq: 27 May 2020 21:16

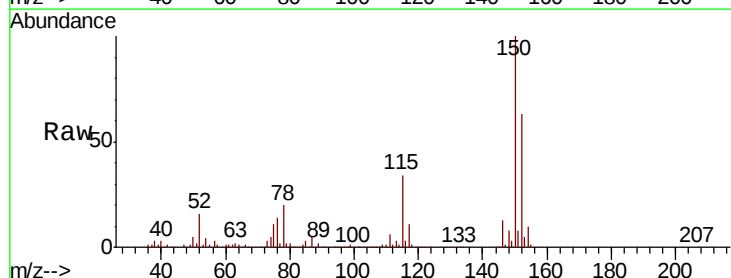
Tgt Ion:152 Resp: 223624

Ion Ratio Lower Upper

152 100

115 54.1 27.0 81.0

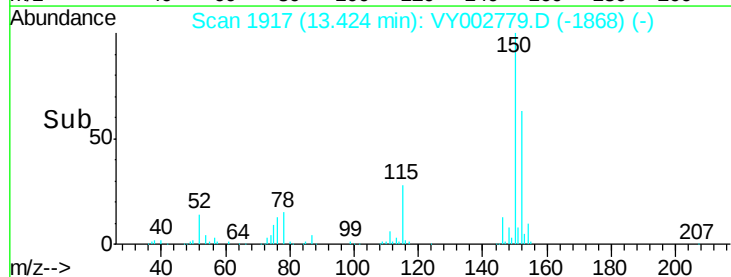
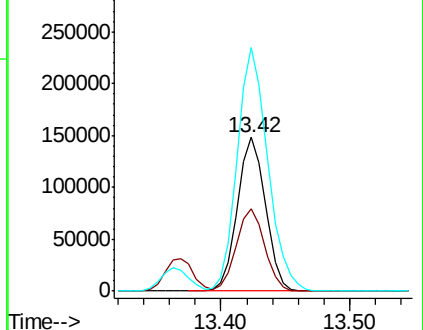
150 172.3 0.0 344.8

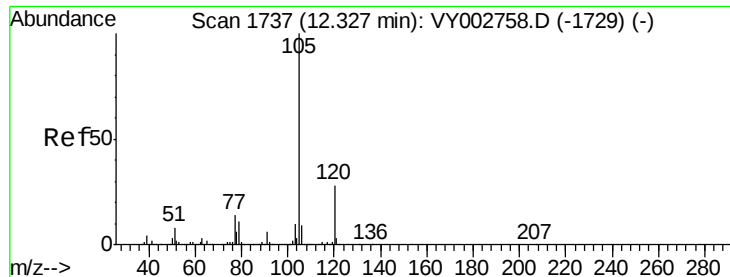


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.601 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

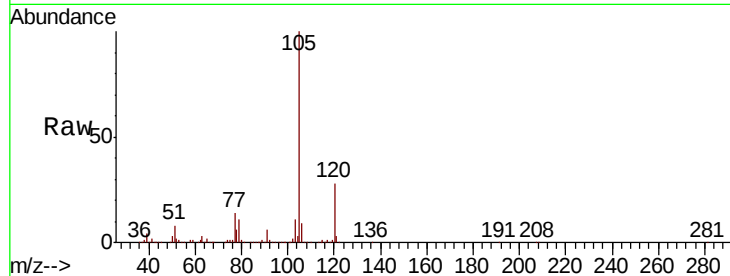
VSTDCCC050EC

Tot Ion:105 Resp: 682156

Ion Ratio Lower Upper

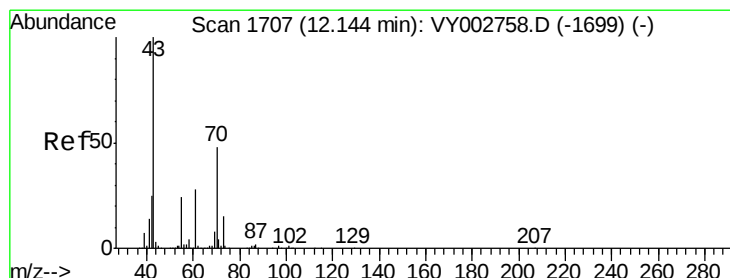
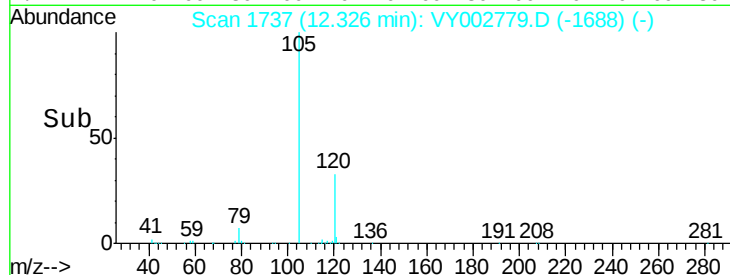
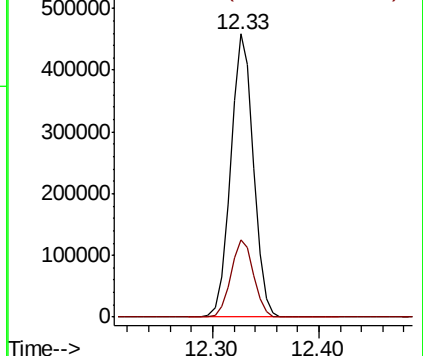
105 100

120 27.4 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.249 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Tgt Ion: 43 Resp: 195799

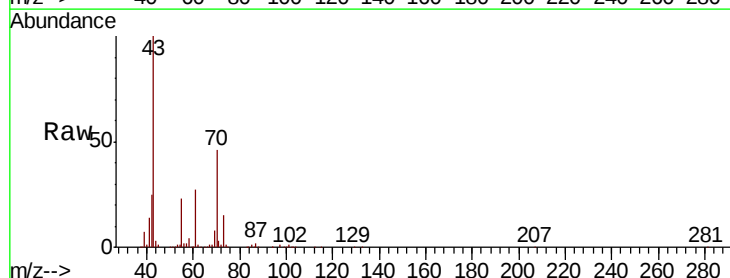
Ion Ratio Lower Upper

43 100

70 46.7 37.7 56.5

55 24.2 19.8 29.6

61 26.8 21.7 32.5

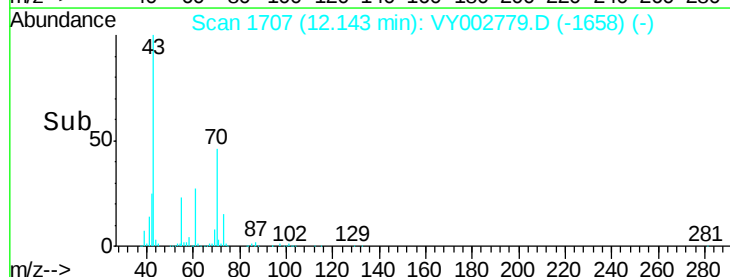
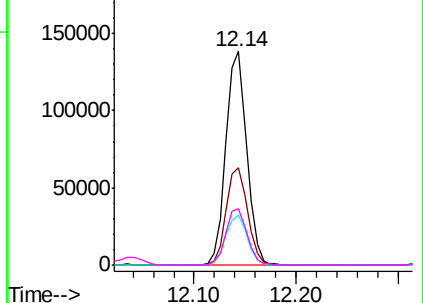


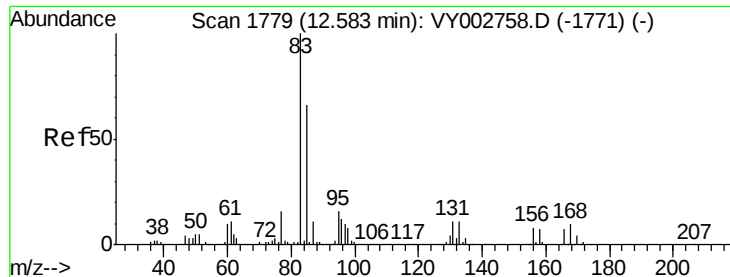
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 51.889 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

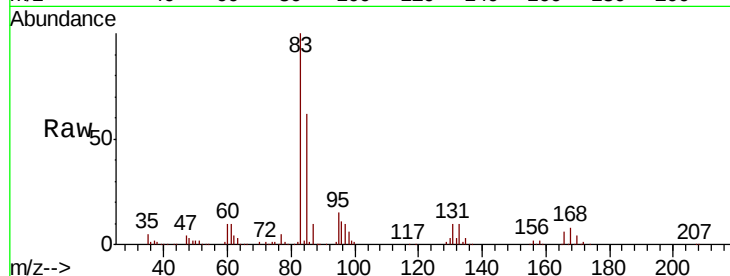
Tot Ion: 83 Resp: 130471

Ion Ratio Lower Upper

83 100

131 11.3 5.8 17.4

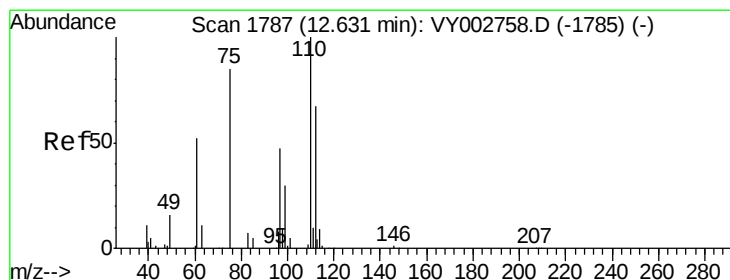
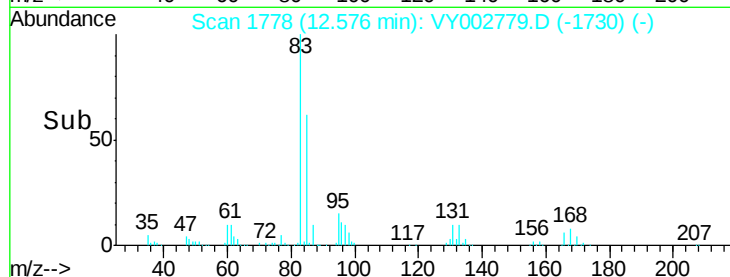
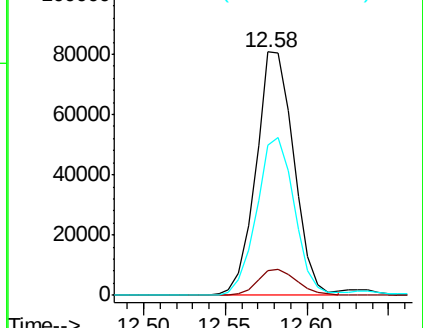
85 64.7 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002779.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002779.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002779.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 93.829 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002779.D

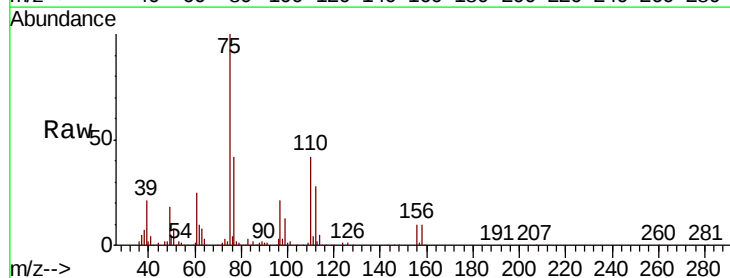
Acq: 27 May 2020 21:16

Tgt Ion: 75 Resp: 189066

Ion Ratio Lower Upper

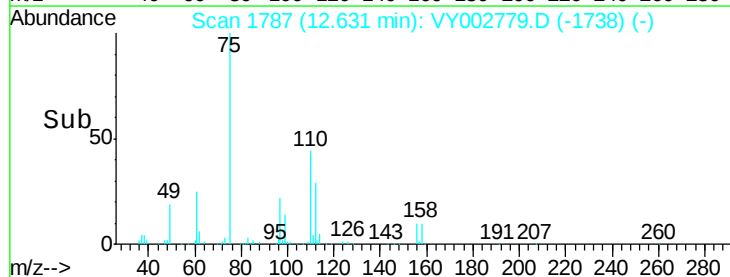
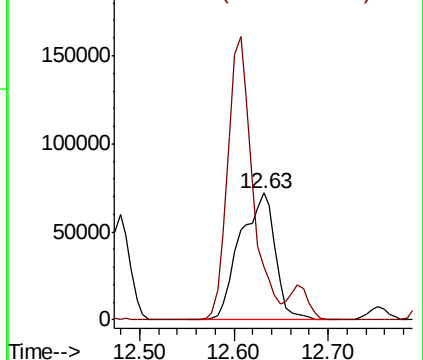
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002779.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002779.D (-1738) (-)





#77

Bromobenzene

Concen: 48.666 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

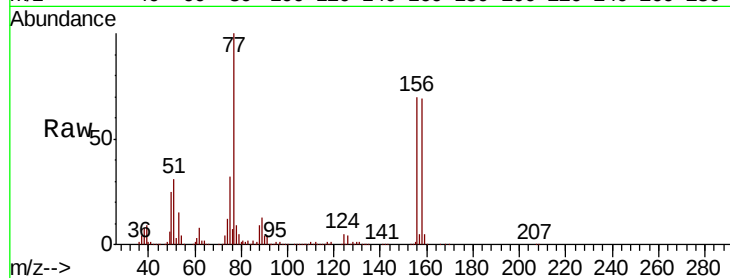
Tot Ion:156 Resp: 181597

Ion Ratio Lower Upper

156 100

77 163.0 81.4 244.2

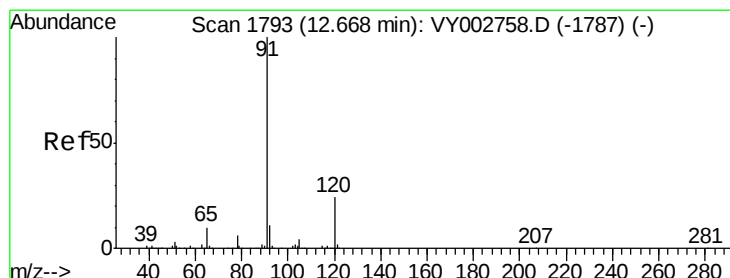
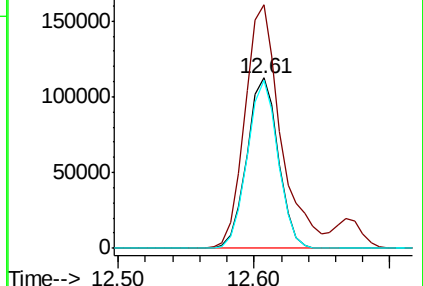
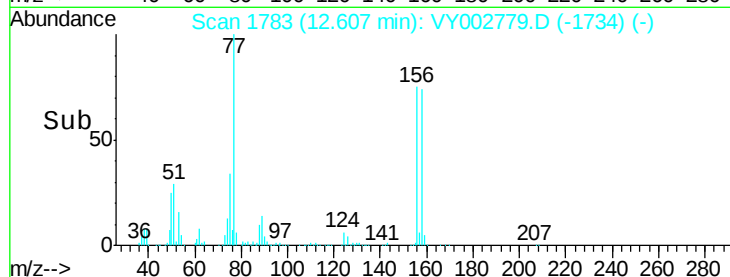
158 96.9 48.5 145.6



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: 47.737 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY002779.D

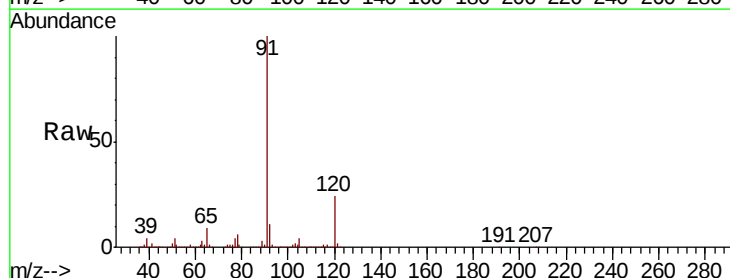
Acq: 27 May 2020 21:16

Tgt Ion: 91 Resp: 790219

Ion Ratio Lower Upper

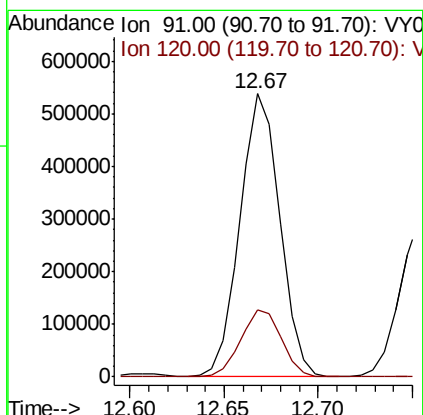
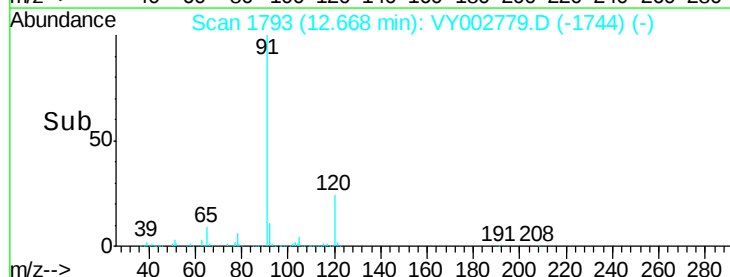
91 100

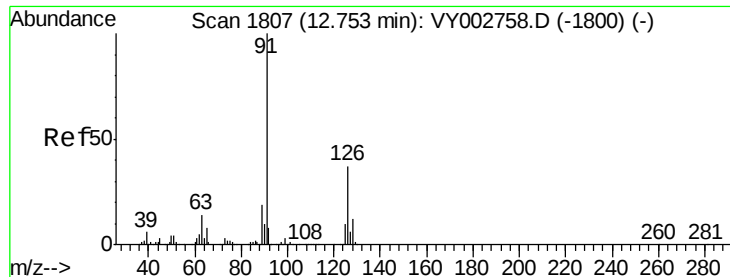
120 24.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

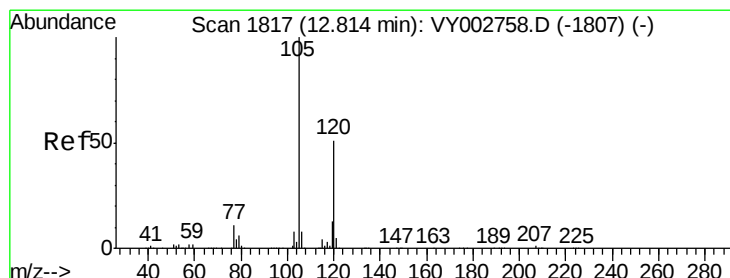
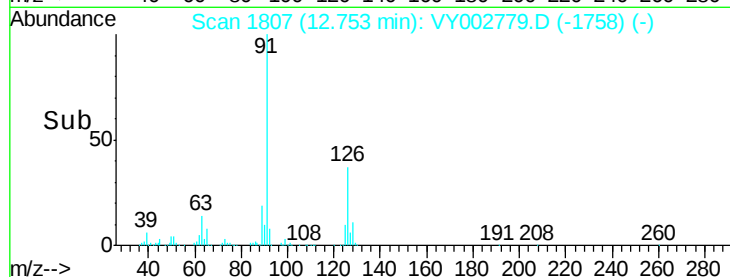
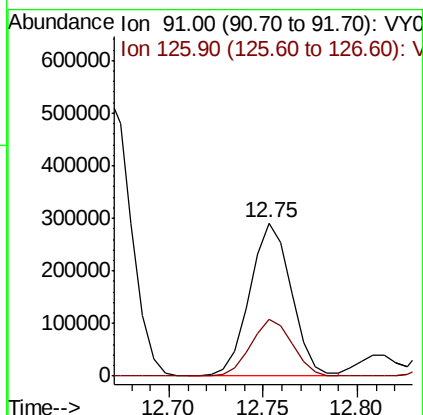
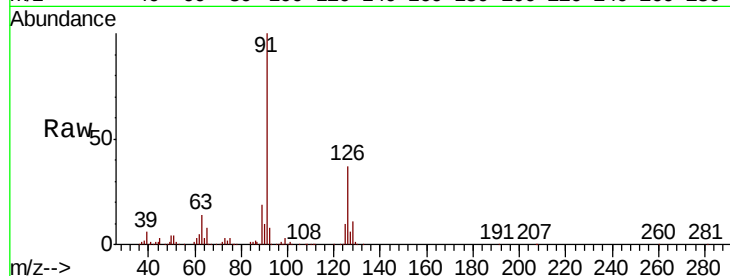




#79
2-Chlorotoluene
Concen: 47.883 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

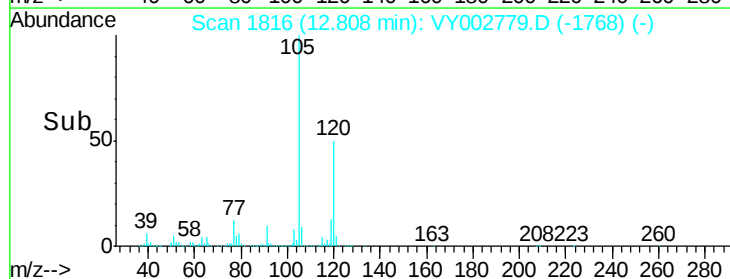
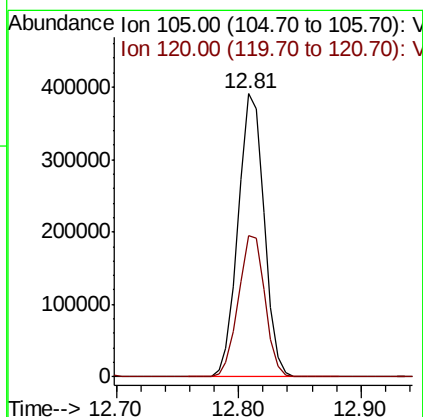
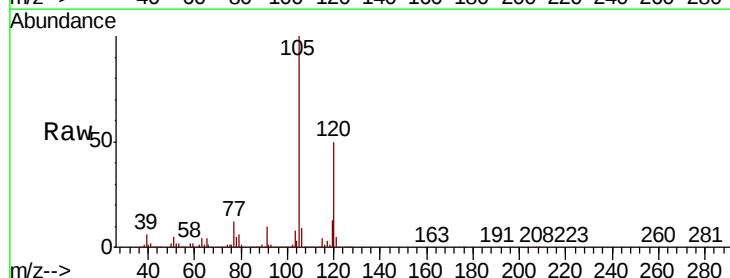
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

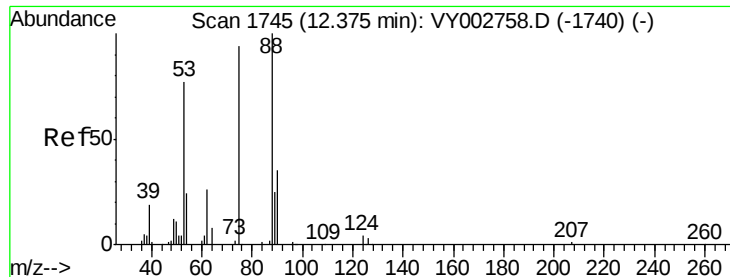
Tot Ion: 91 Resp: 444633
Ion Ratio Lower Upper
91 100
126 36.9 18.4 55.4



#80
1,3,5-Trimethylbenzene
Concen: 47.820 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.01 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

Tgt Ion: 105 Resp: 572193
Ion Ratio Lower Upper
105 100
120 50.9 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.416 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

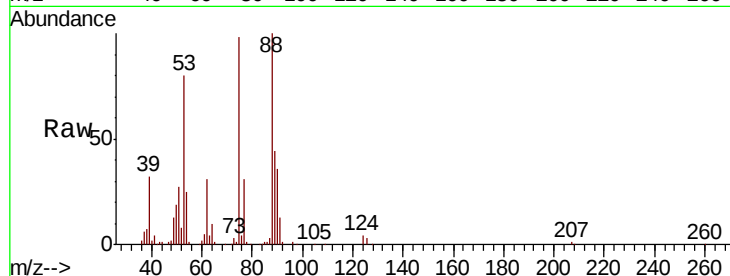
Tot Ion: 75 Resp: 52852

Ion Ratio Lower Upper

75 100

53 79.2 64.0 96.0

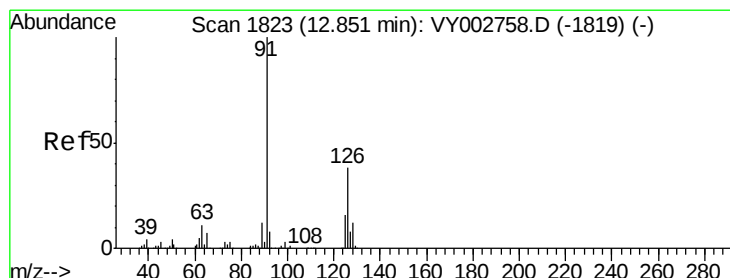
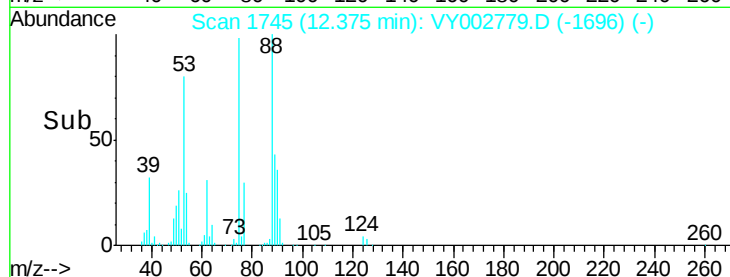
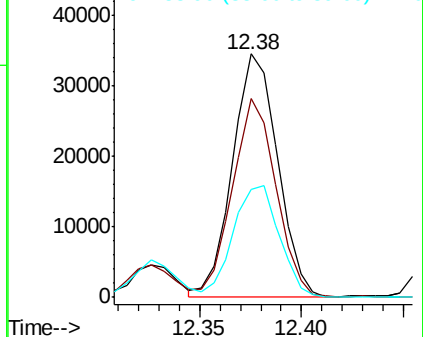
89 46.8 37.4 56.2



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: 47.627 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY002779.D

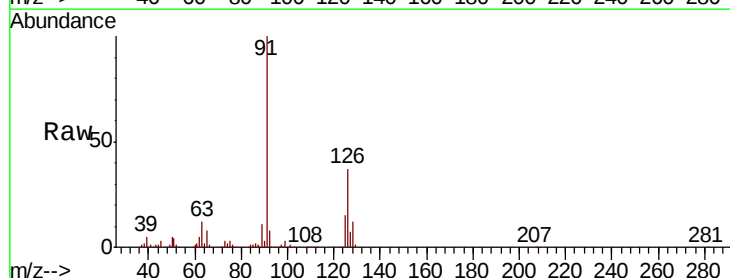
Acq: 27 May 2020 21:16

Tgt Ion: 91 Resp: 463352

Ion Ratio Lower Upper

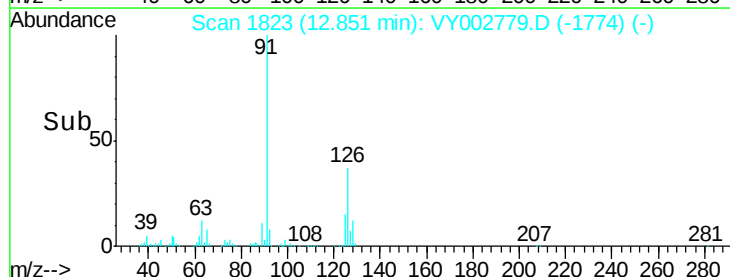
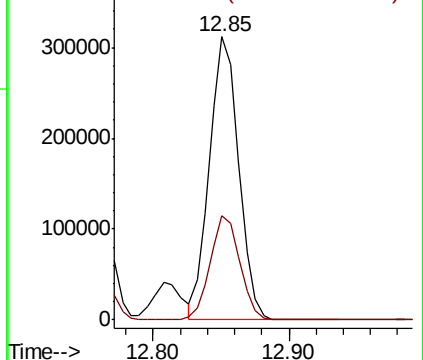
91 100

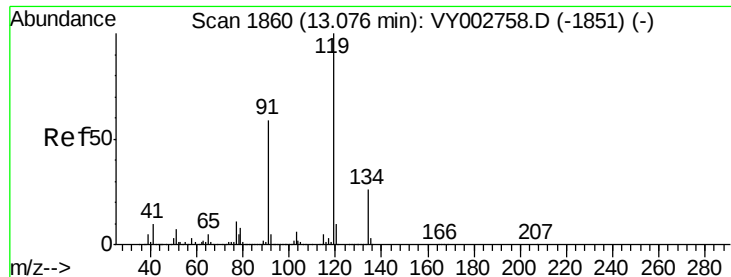
126 37.3 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 47.656 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

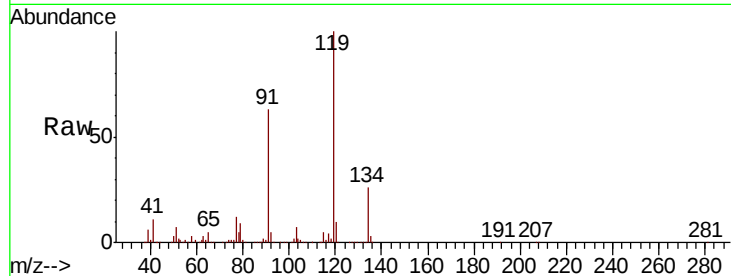
Tot Ion:119 Resp: 508654

Ion Ratio Lower Upper

119 100

91 59.5 29.8 89.4

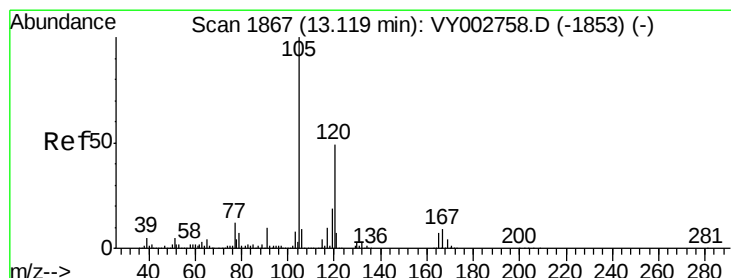
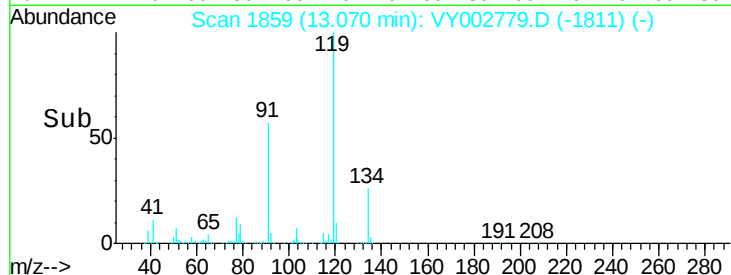
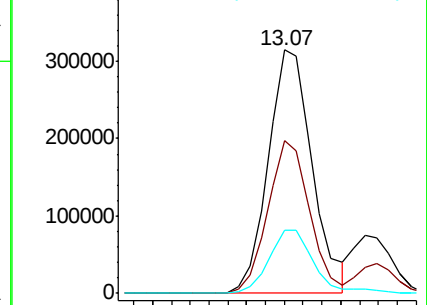
134 26.7 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.273 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY002779.D

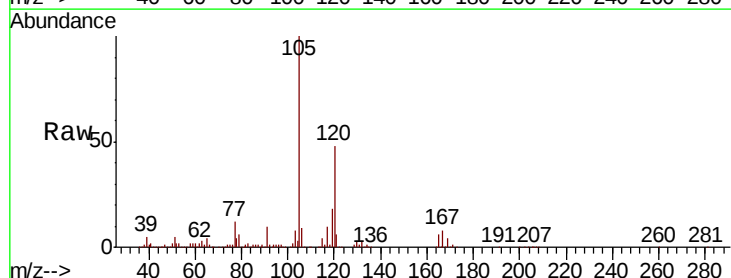
Acq: 27 May 2020 21:16

Tgt Ion:105 Resp: 580791

Ion Ratio Lower Upper

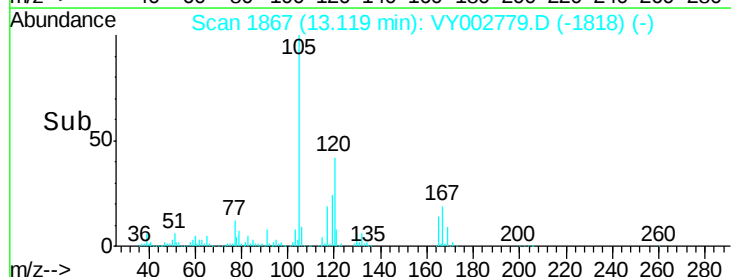
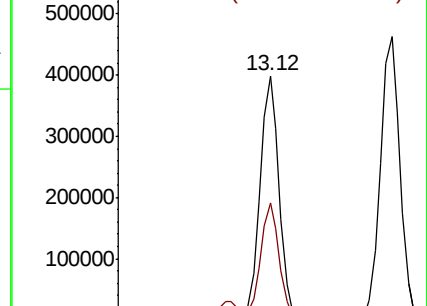
105 100

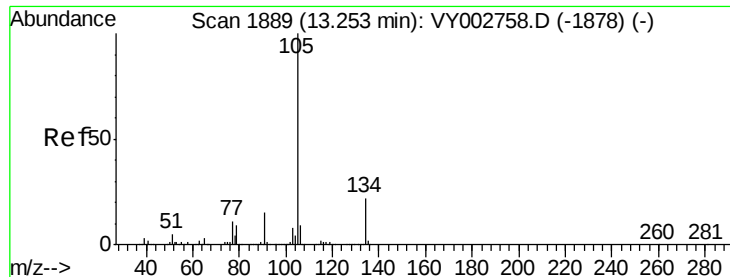
120 46.9 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.075 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

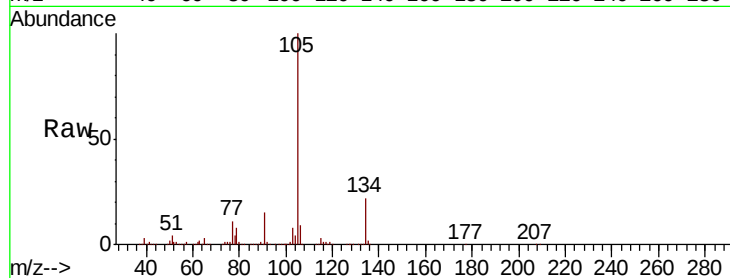
VSTDCCC050EC

Tot Ion:105 Resp: 687001

Ion Ratio Lower Upper

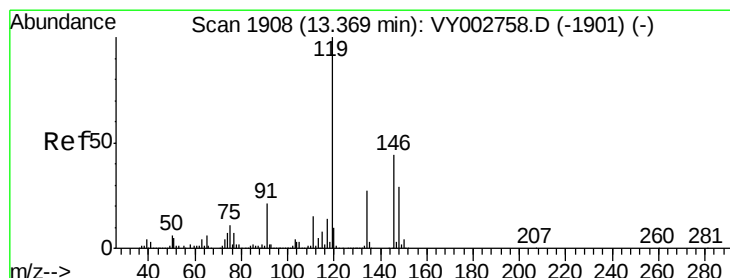
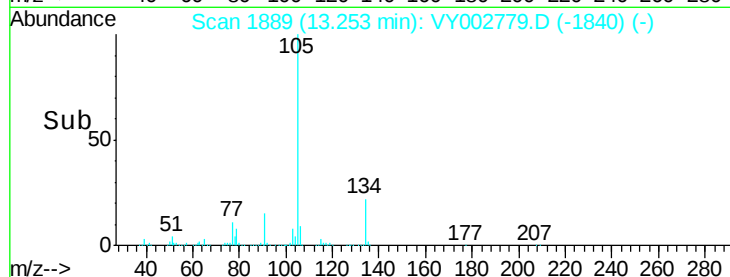
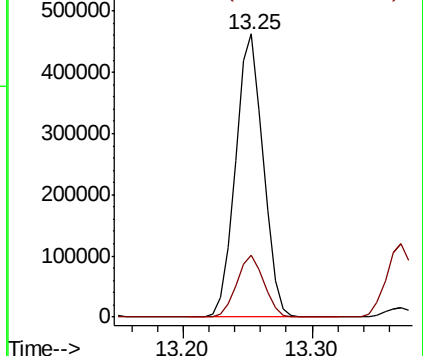
105 100

134 21.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.471 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

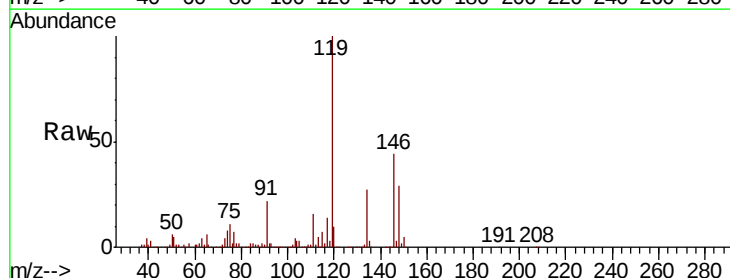
Tgt Ion:119 Resp: 644627

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

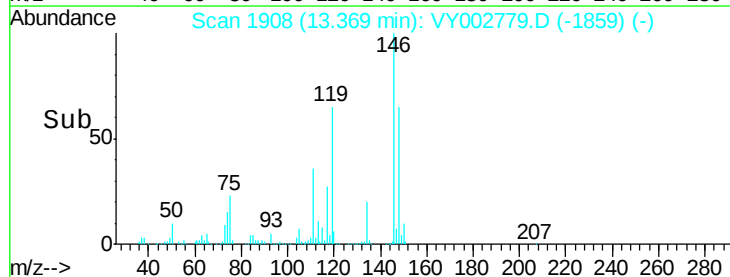
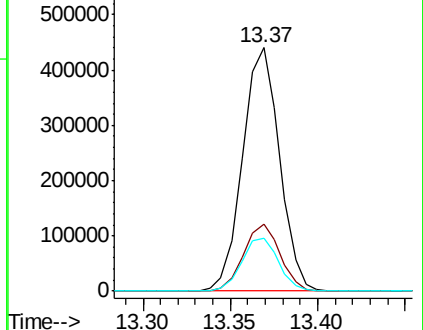
91 21.5 10.8 32.4

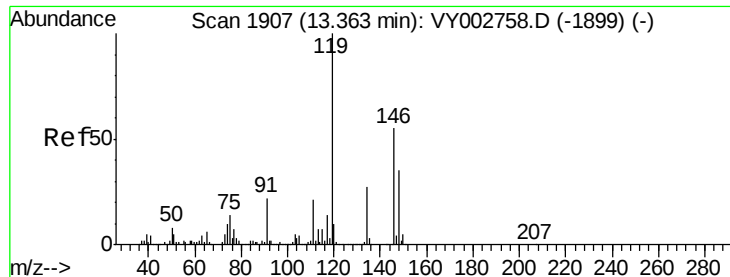


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 47.382 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

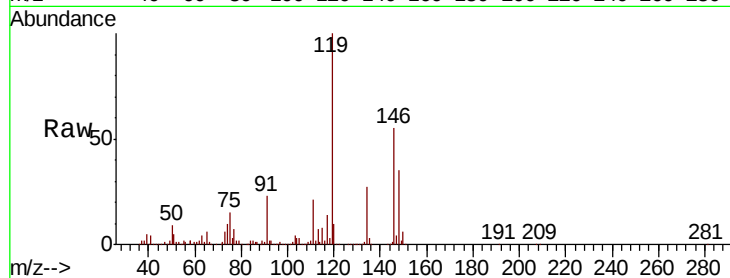
Tot Ion:146 Resp: 334905

Ion Ratio Lower Upper

146 100

111 37.2 18.4 55.0

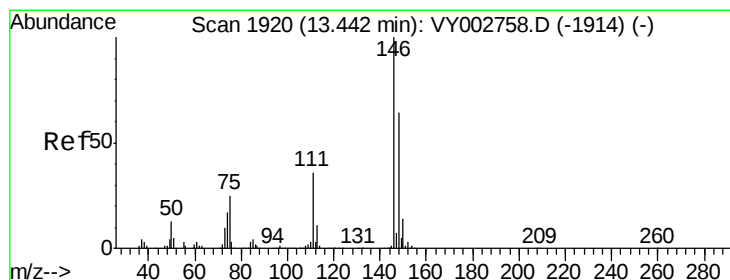
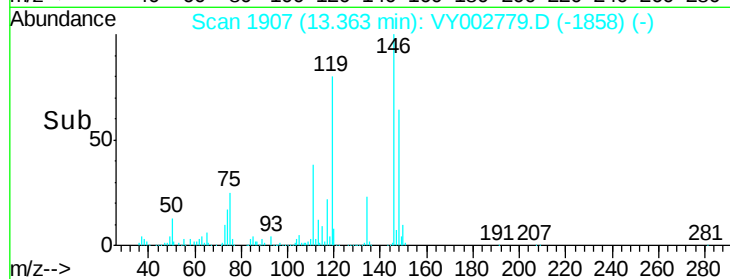
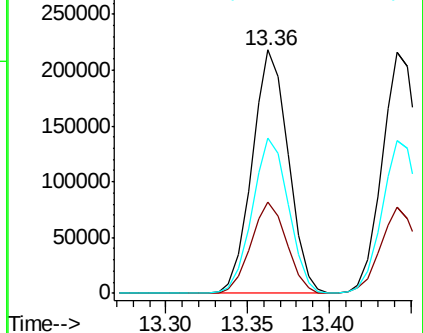
148 64.0 31.9 95.7



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: 47.628 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

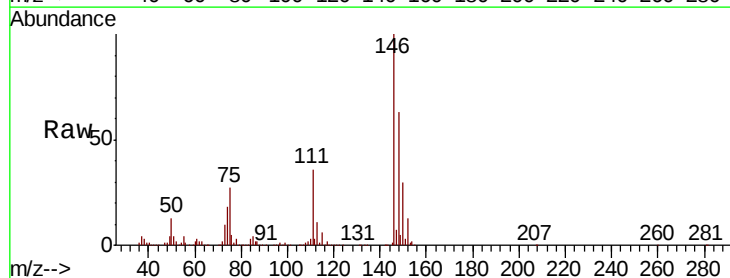
Tgt Ion:146 Resp: 336760

Ion Ratio Lower Upper

146 100

111 35.6 18.1 54.3

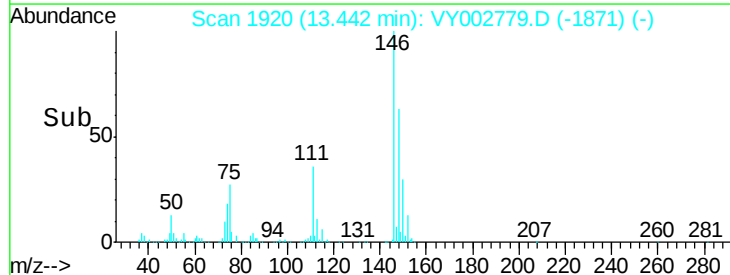
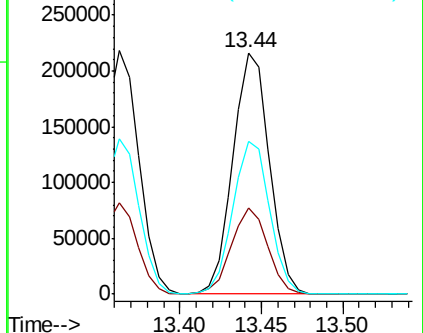
148 63.7 32.1 96.3



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: 47.092 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.00 min

Lab File: VY002779.D

Acq: 27 May 2020 21:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

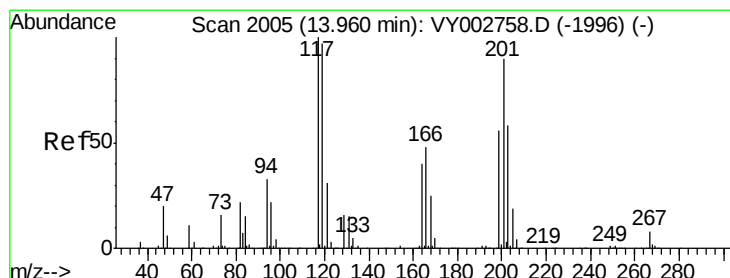
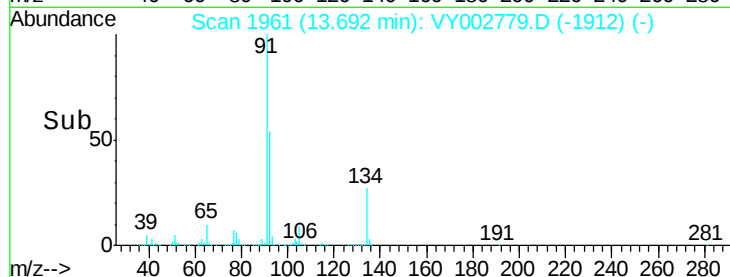
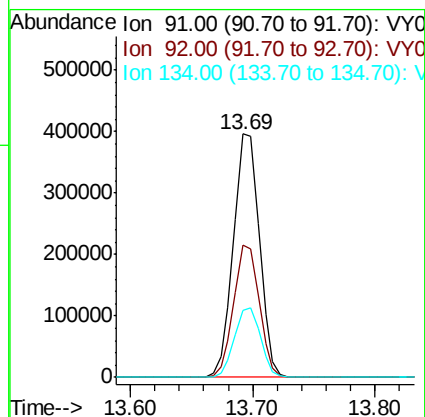
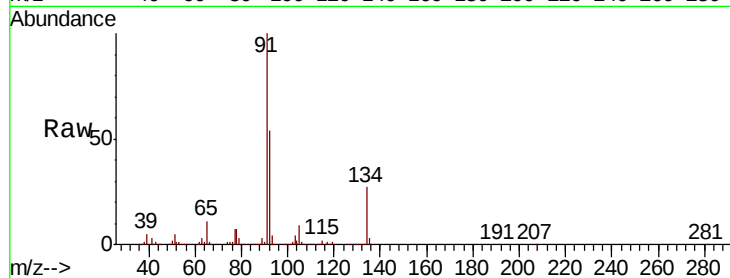
Tot Ion: 91 Resp: 580583

Ion Ratio Lower Upper

91 100

92 53.7 27.1 81.2

134 28.6 14.3 42.9



#90

Hexachloroethane

Concen: 48.689 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY002779.D

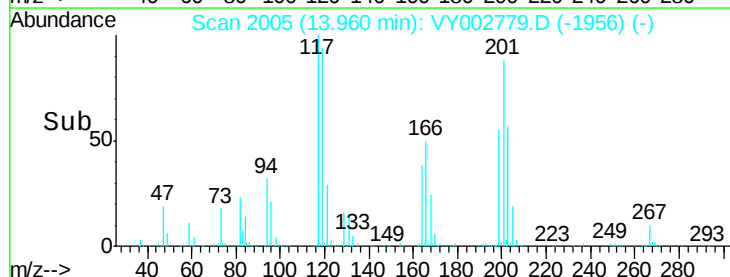
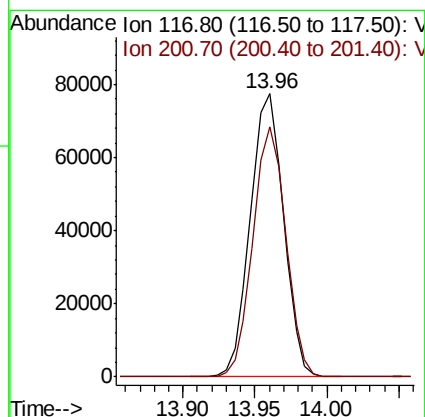
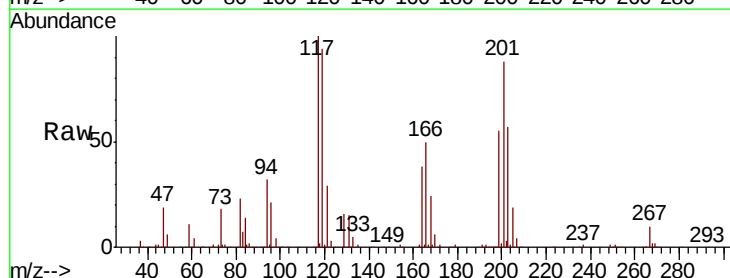
Acq: 27 May 2020 21:16

Tgt Ion: 117 Resp: 123779

Ion Ratio Lower Upper

117 100

201 87.2 43.9 131.6

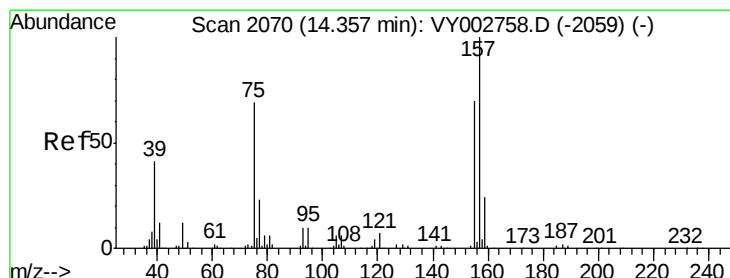
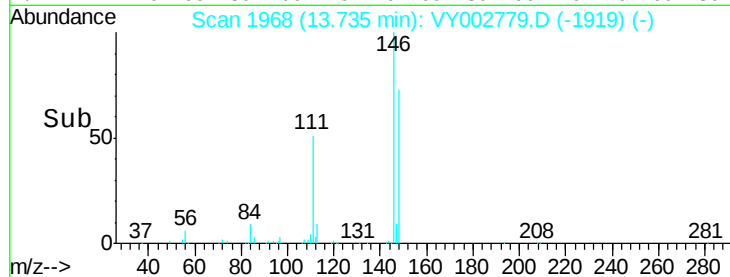
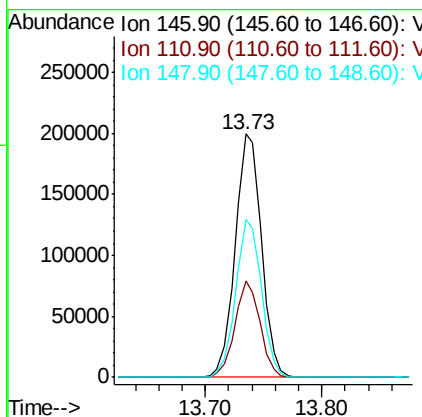
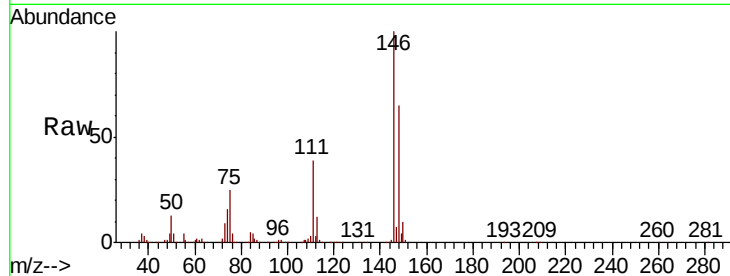




#91
 1,2-Dichlorobenzene
 Concen: 48.817 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY002779.D
 Acq: 27 May 2020 21:16

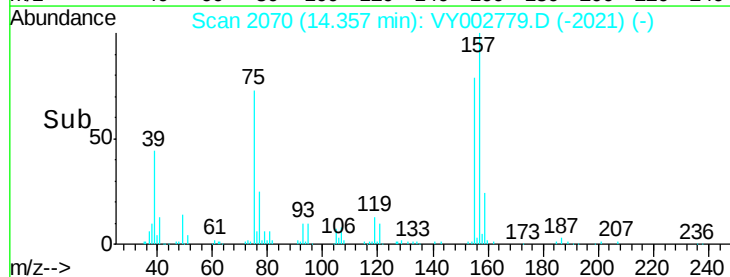
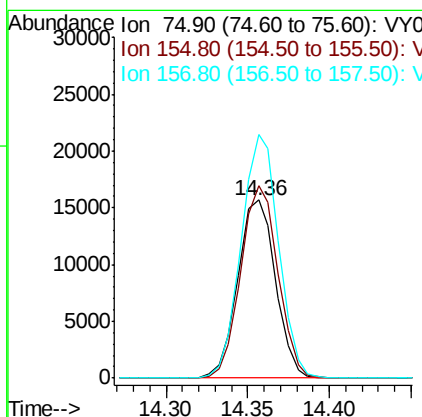
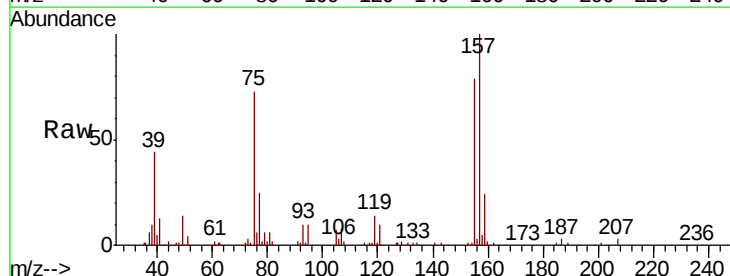
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

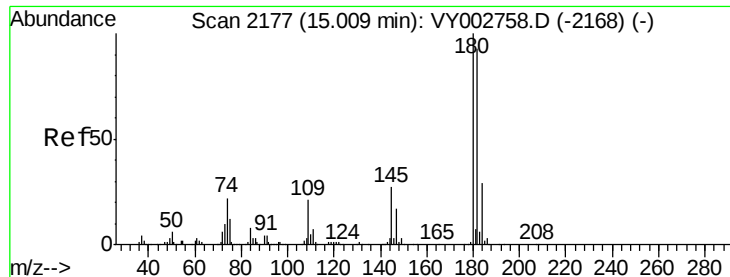
Tot Ion	146	Resp	312930
Ion Ratio	100	Lower	Upper
111	38.0	18.9	56.9
148	63.9	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.434 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002779.D
 Acq: 27 May 2020 21:16

Tgt Ion	75	Resp	25365
Ion Ratio	100	Lower	Upper
155	106.4	53.5	160.5
157	135.4	69.9	209.7

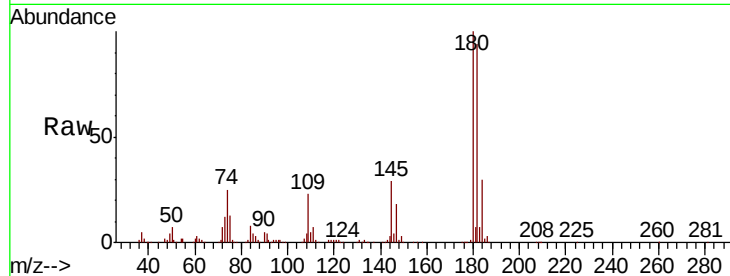




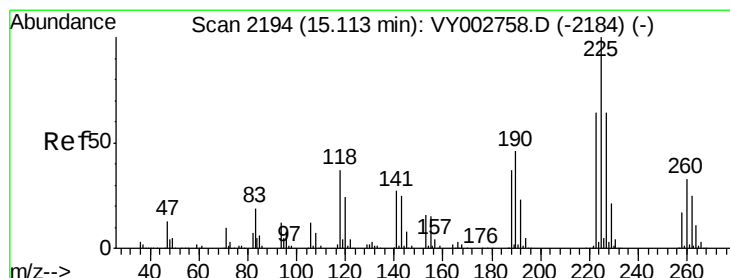
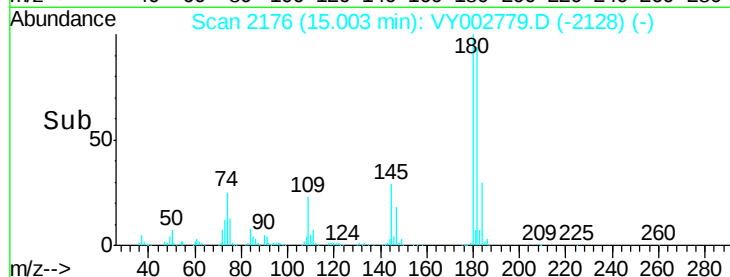
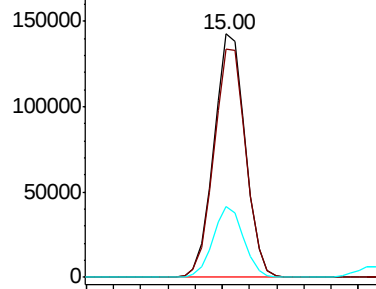
#93
 1,2,4-Trichlorobenzene
 Concen: 47.389 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY002779.D
 Acq: 27 May 2020 21:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.3	141.9
145	28.3	14.1	42.3

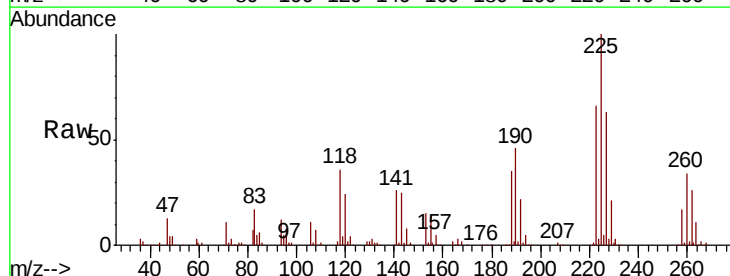


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

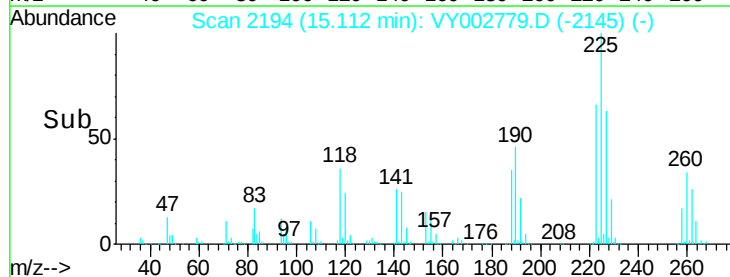
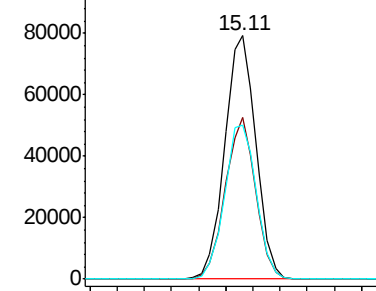


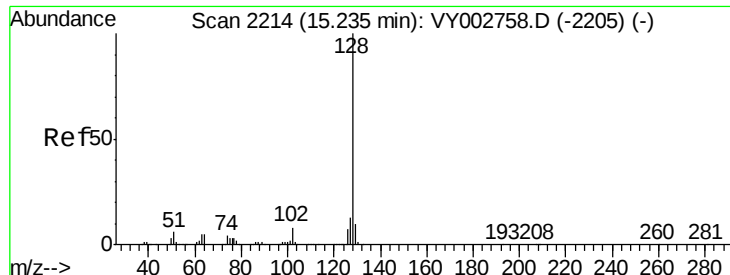
#94
 Hexachlorobutadiene
 Concen: 46.517 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002779.D
 Acq: 27 May 2020 21:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.6	95.0
227	64.7	32.3	96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

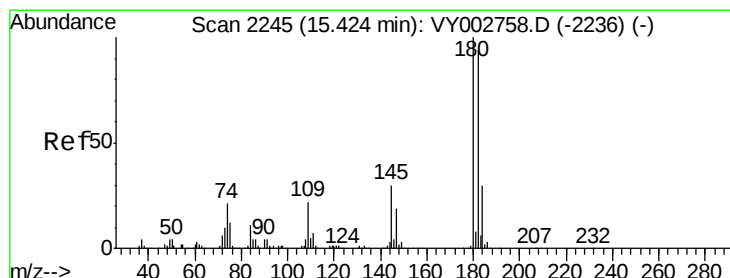
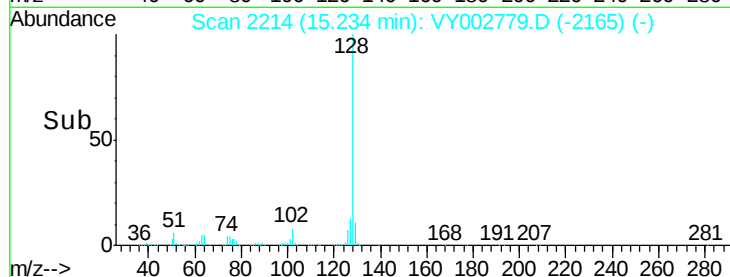
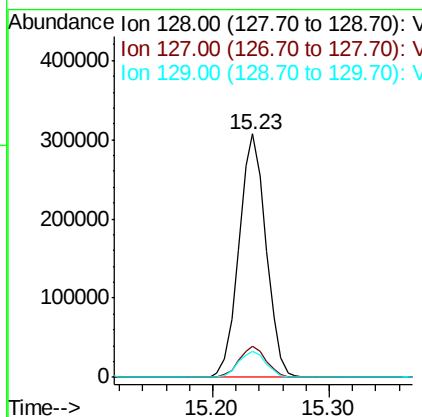
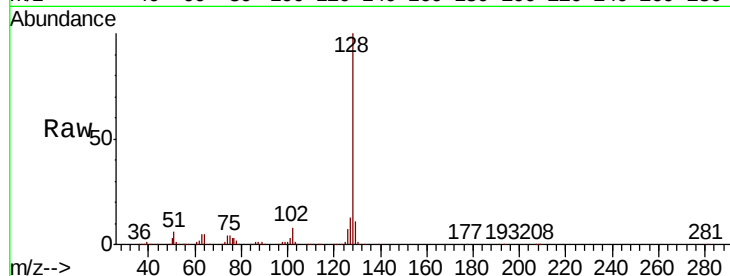




#95
Naphthalene
Concen: 51.369 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 497649
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.555 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002779.D
Acq: 27 May 2020 21:16

Tgt Ion:180 Resp: 209497
Ion Ratio Lower Upper
180 100
182 96.4 48.1 144.4
145 30.1 15.1 45.3

