

Data File : VY002499.D
Acq On : 29 Apr 2020 10:38
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Apr 30 04:12:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 14:11:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	295842	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	419283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	378114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	198062	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	116275	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	
35) Dibromofluoromethane	7.74	113	115263	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	10.19	98	446948	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
62) 4-Bromofluorobenzene	12.49	95	150260	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.91	85	106941	49.359	ug/l 97
3) Chloromethane	2.13	50	121575	44.102	ug/l 98
4) Vinyl Chloride	2.26	62	81246	41.026	ug/l 97
5) Bromomethane	2.66	94	58991	53.075	ug/l 96
6) Chloroethane	2.81	64	41872	40.791	ug/l 98
7) Trichlorofluoromethane	3.14	101	162762	45.326	ug/l 100
8) Diethyl Ether	3.55	74	41986	28.366	ug/l 79
9) 1,1,2-Trichlorotrifluoroet	3.92	101	125639	50.828	ug/l 98
10) Methyl Iodide	4.11	142	192146	50.389	ug/l 100
11) Tert butyl alcohol	4.99	59	52678	216.453	ug/l 98
12) 1,1-Dichloroethene	3.89	96	127329	50.277	ug/l 97
13) Acrolein	3.76	56	38522	197.733	ug/l 99
14) Allyl chloride	4.51	41	171414	46.057	ug/l 99
15) Acrylonitrile	5.19	53	156491	220.970	ug/l 99
16) Acetone	3.97	43	132213	244.666	ug/l 96
17) Carbon Disulfide	4.21	76	374919	47.477	ug/l 100
18) Methyl Acetate	4.50	43	71695	41.231	ug/l 98
19) Methyl tert-butyl Ether	5.25	73	322821	47.238	ug/l 98
20) Methylene Chloride	4.74	84	133247	43.189	ug/l 96
21) trans-1,2-Dichloroethene	5.25	96	135881	47.656	ug/l 92
22) Diisopropyl ether	6.14	45	329419	44.765	ug/l 96
23) Vinyl Acetate	6.08	43	1052268	225.036	ug/l 97
24) 1,1-Dichloroethane	6.04	63	208880	46.884	ug/l 100
25) 2-Butanone	7.01	43	176343	213.008	ug/l 98
26) 2,2-Dichloropropane	7.01	77	217472	51.040	ug/l 99
27) cis-1,2-Dichloroethene	7.01	96	151034	48.701	ug/l 99
28) Bromochloromethane	7.36	49	73849	42.488	ug/l 91
29) Tetrahydrofuran	7.36	42	115334	210.127	ug/l 97
30) Chloroform	7.53	83	231087	48.714	ug/l 100
31) Cyclohexane	7.80	56	196154	44.029	ug/l 98
32) 1,1,1-Trichloroethane	7.72	97	225678	50.348	ug/l 99
36) 1,1-Dichloropropene	7.94	75	178895	49.760	ug/l 99
37) Ethyl Acetate	7.10	43	79424	43.974	ug/l 98
38) Carbon Tetrachloride	7.92	117	220145	53.249	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	232201	49.511	ug/l	98
40) Benzene	8.18	78	515022	49.564	ug/l	100
41) Methacrylonitrile	7.36	41	111211	99.941	ug/l #	43
42) 1,2-Dichloroethane	8.25	62	148988	49.357	ug/l	99
43) Isopropyl Acetate	8.29	43	153649	45.484	ug/l	99
44) Trichloroethene	8.96	130	163945	50.458	ug/l	95
45) 1,2-Dichloropropane	9.23	63	114004	47.603	ug/l	99
46) Dibromomethane	9.32	93	68385	48.806	ug/l	97
47) Bromodichloromethane	9.51	83	178853	51.043	ug/l	99
48) Methyl methacrylate	9.30	41	70144	45.485	ug/l	98
49) 1,4-Dioxane	9.31	88	18224	1020.577	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	394517	224.843	ug/l	99
52) Toluene	10.25	92	336746	50.344	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	186142	50.585	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	211186	50.142	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	101204	48.851	ug/l	99
56) Ethyl methacrylate	10.52	69	134569	47.538	ug/l	98
57) 1,3-Dichloropropane	10.80	76	166425	47.582	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	311447	227.518	ug/l	98
59) 2-Hexanone	10.85	43	271882	222.299	ug/l	99
60) Dibromochloromethane	11.00	129	137120	50.512	ug/l	98
61) 1,2-Dibromoethane	11.10	107	98109	47.757	ug/l	100
64) Tetrachloroethene	10.73	164	181391	52.343	ug/l	100
65) Chlorobenzene	11.53	112	374685	51.400	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	143534	52.478	ug/l	99
67) Ethyl Benzene	11.60	91	660272	50.823	ug/l	100
68) m/p-Xylenes	11.71	106	488681	97.712	ug/l	98
69) o-Xylene	12.04	106	242213	52.298	ug/l	98
70) Styrene	12.05	104	417322	51.750	ug/l	100
71) Bromoform	12.22	173	88215	51.198	ug/l #	99
73) Isopropylbenzene	12.34	105	655172	49.479	ug/l	100
74) N-amyl acetate	12.15	43	139664	44.511	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.60	83	92639	45.553	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	150900	89.892	ug/l #	100
77) Bromobenzene	12.62	156	166340	50.088	ug/l	97
78) n-propylbenzene	12.68	91	764724	49.741	ug/l	99
79) 2-Chlorotoluene	12.77	91	419906	49.913	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	568159	50.555	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	33333	36.744	ug/l #	73
82) 4-Chlorotoluene	12.86	91	441683	50.798	ug/l	100
83) tert-Butylbenzene	13.08	119	510295	52.289	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	567317	52.615	ug/l	100
85) sec-Butylbenzene	13.27	105	678600	51.930	ug/l	99
86) p-Isopropyltoluene	13.38	119	651794	52.302	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	316876	51.589	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	313962	51.405	ug/l	99
89) n-Butylbenzene	13.70	91	576551	50.151	ug/l	99
90) Hexachloroethane	13.97	117	115493	51.273	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	282237	53.357	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	18747	46.433	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY042920\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	209770	50.247	ug/l	99
94) Hexachlorobutadiene	15.13	225	129891	51.553	ug/l	99
95) Naphthalene	15.25	128	365490	47.204	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	174998	49.419	ug/l	100

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

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Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

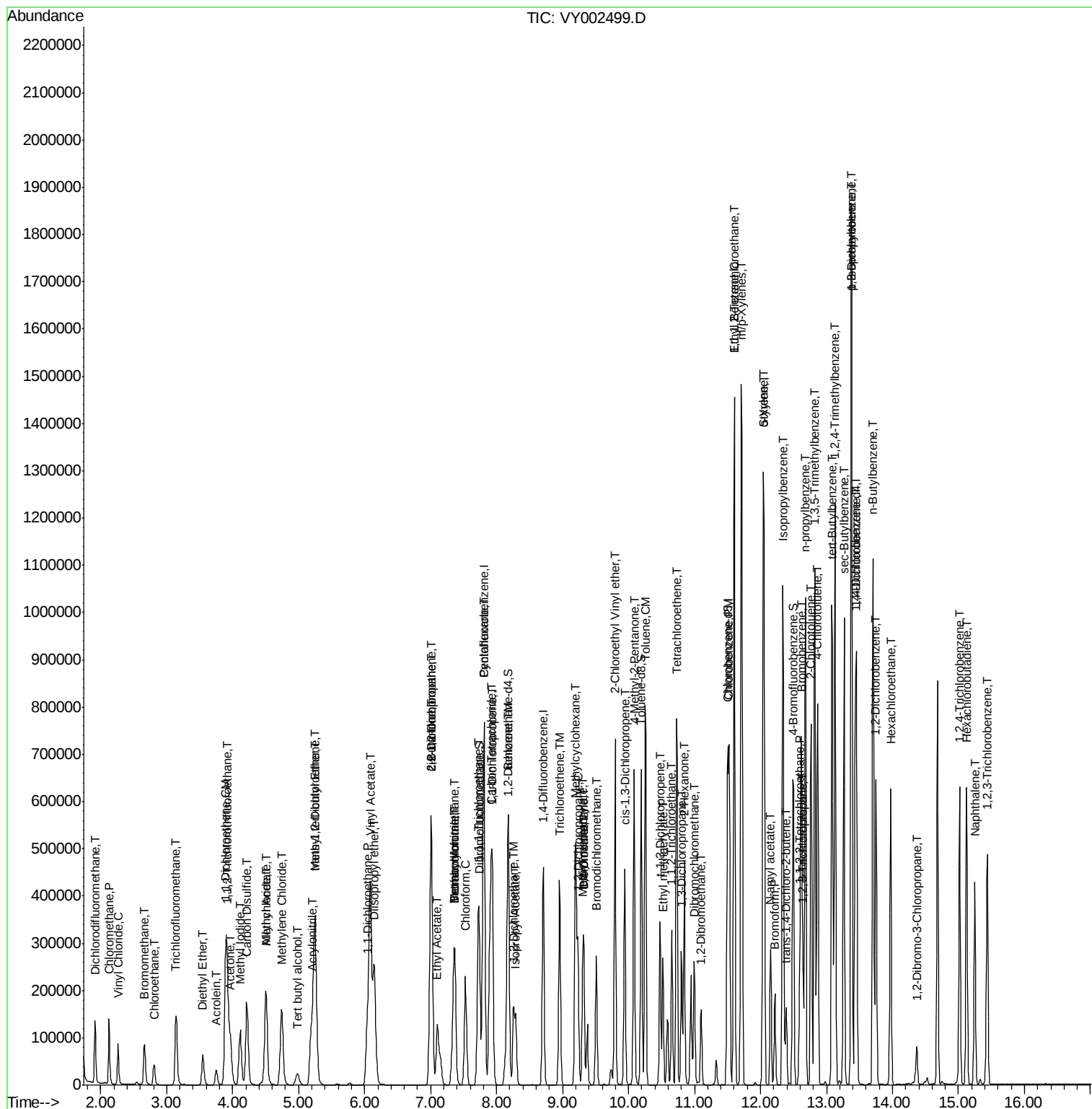
Quant Time: Apr 30 04:12:09 2020

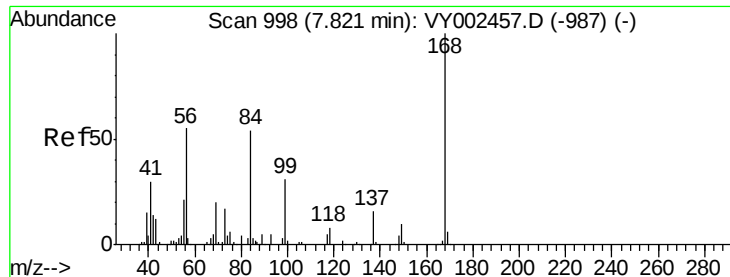
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_Y\METHODS\82Y042320S.M

Quant Title : SW846 8260

QLast Update : Thu Apr 23 14:11:26 2020

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Instrument :

MSVOA_Y

ClientSampleId :

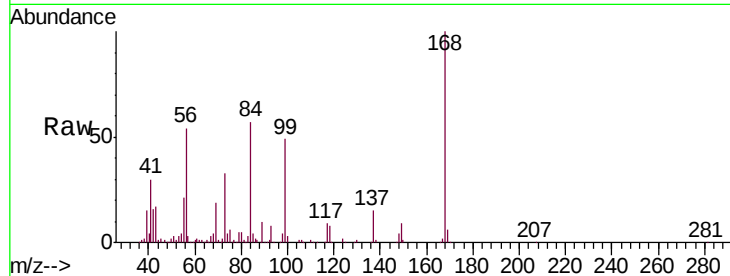
VSTDCCC050

Tgt Ion:168 Resp: 295842

Ion Ratio Lower Upper

168 100

99 49.2 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

7.81

150000

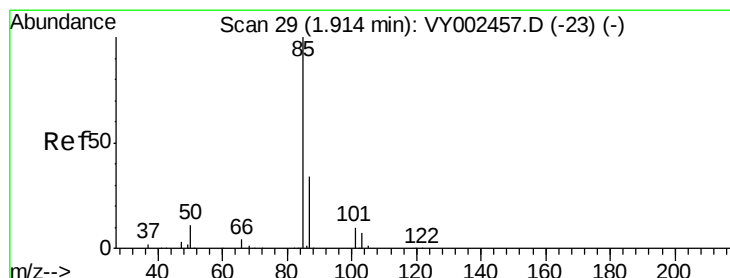
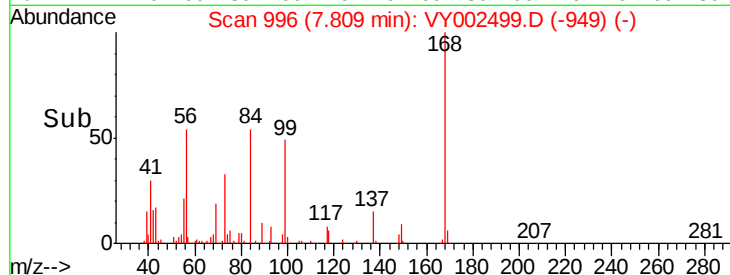
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 49.359 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY002499.D

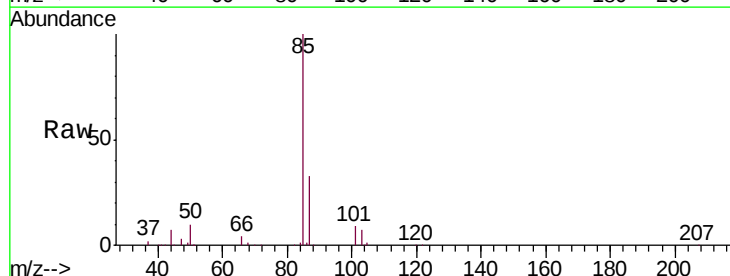
Acq: 29 Apr 2020 10:38

Tgt Ion: 85 Resp: 106941

Ion Ratio Lower Upper

85 100

87 32.6 17.1 51.3



Abundance Ion 84.90 (84.60 to 85.60): VY002457.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY002457.D (-23) (-)

1.91

80000

60000

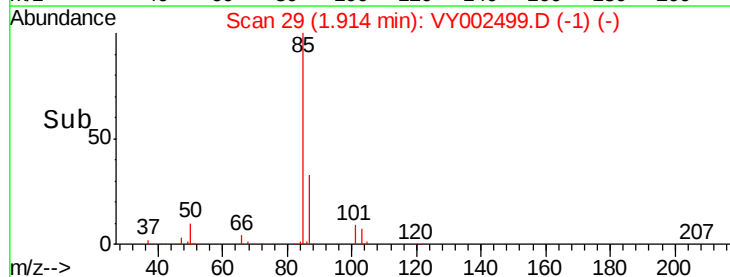
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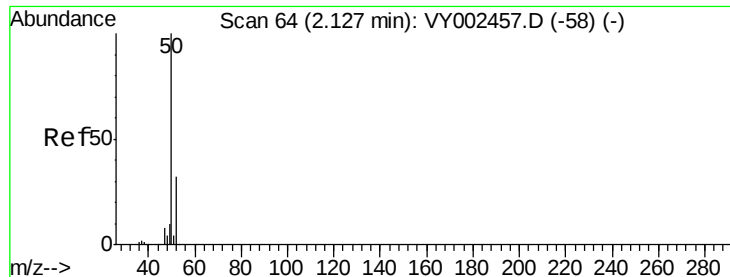
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 44.102 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Instrument :

MSVOA_Y

ClientSampleId :

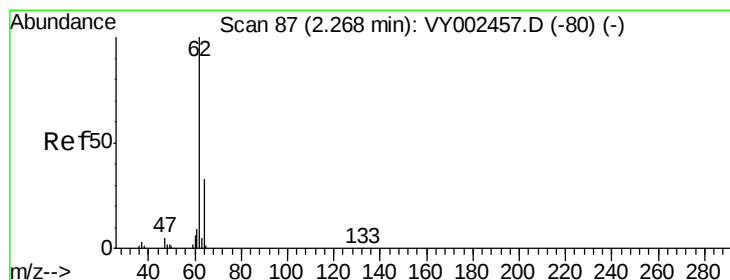
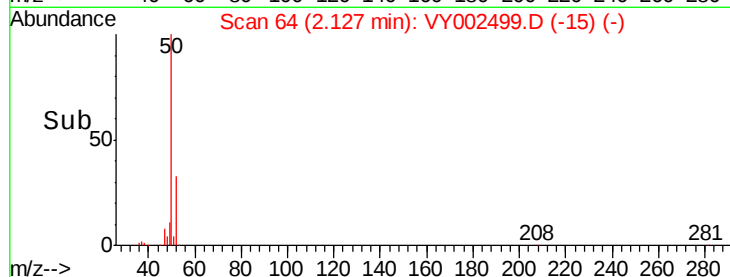
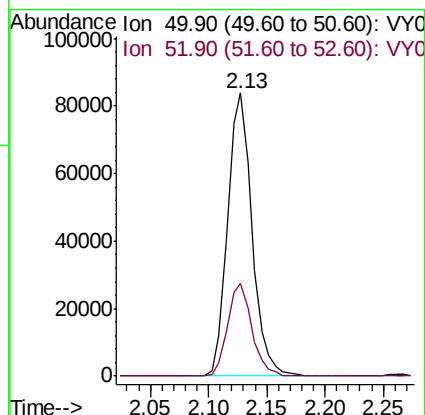
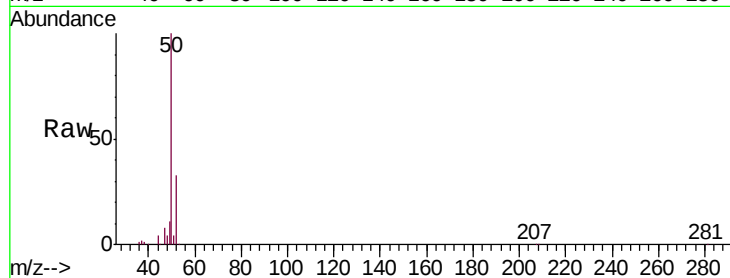
VSTDCCC050

Tgt Ion: 50 Resp: 121575

Ion Ratio Lower Upper

50 100

52 32.5 25.2 37.8



#4

Vinyl Chloride

Concen: 41.026 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.01 min

Lab File: VY002499.D

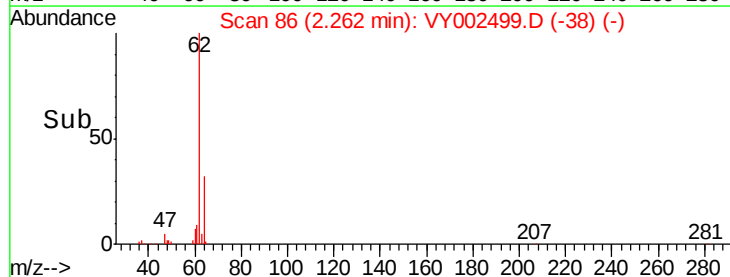
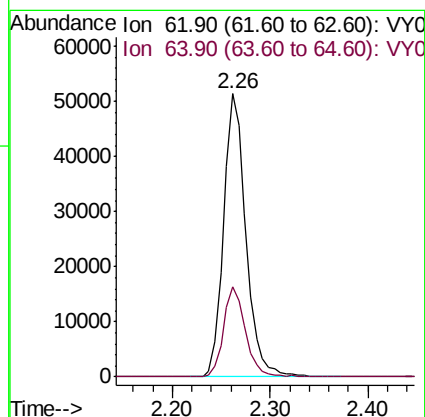
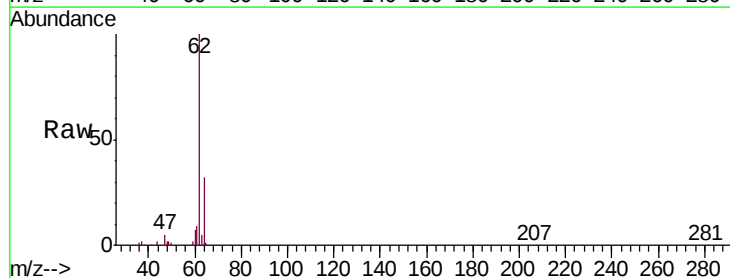
Acq: 29 Apr 2020 10:38

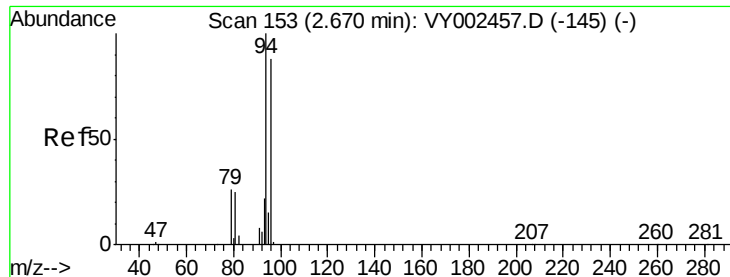
Tgt Ion: 62 Resp: 81246

Ion Ratio Lower Upper

62 100

64 31.7 26.6 39.8





#5

Bromomethane

Concen: 53.075 ug/l

RT: 2.66 min Scan# 152

Delta R.T. -0.01 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Instrument :

MSVOA_Y

ClientSampleId :

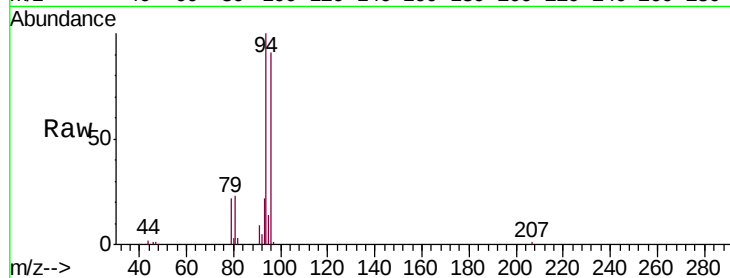
VSTDCCC050

Tgt Ion: 94 Resp: 58991

Ion Ratio Lower Upper

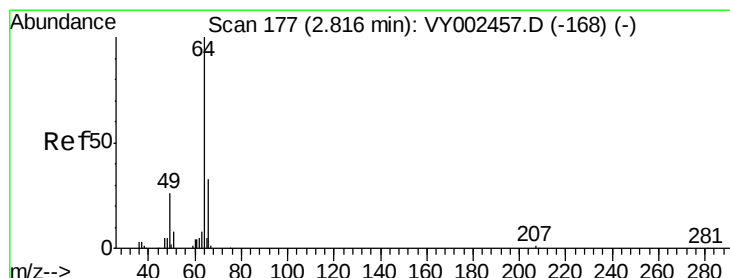
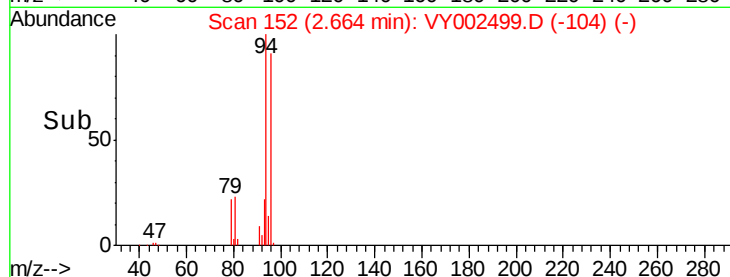
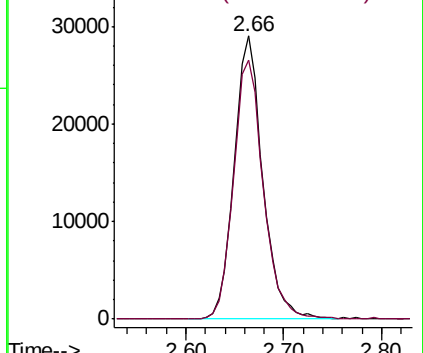
94 100

96 91.3 70.2 105.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 40.791 ug/l

RT: 2.81 min Scan# 176

Delta R.T. -0.01 min

Lab File: VY002499.D

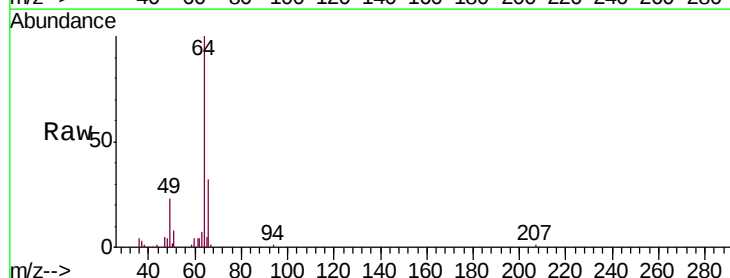
Acq: 29 Apr 2020 10:38

Tgt Ion: 64 Resp: 41872

Ion Ratio Lower Upper

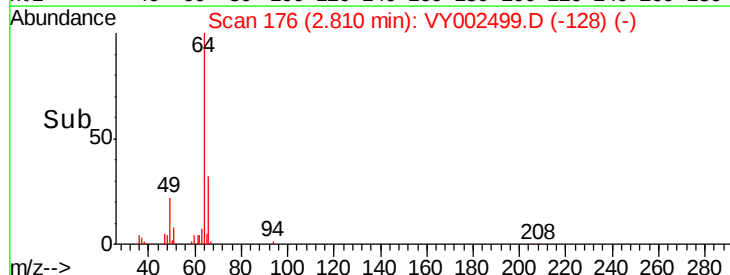
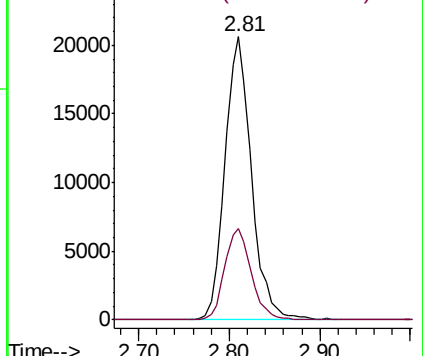
64 100

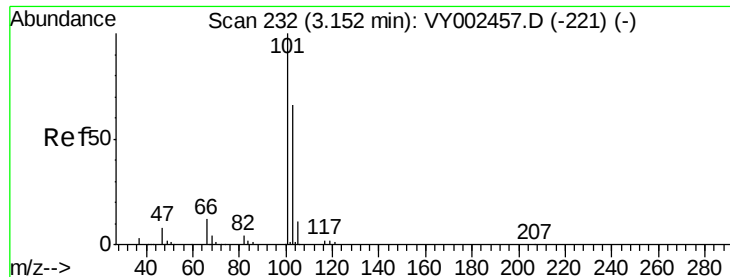
66 32.2 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



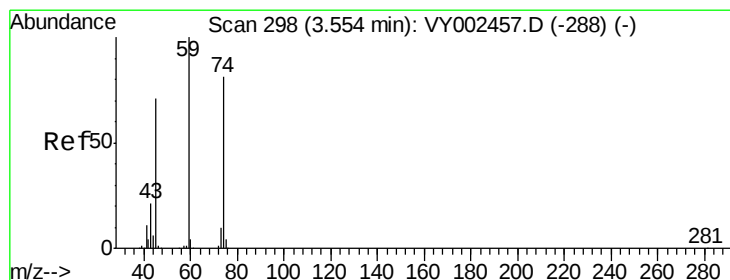
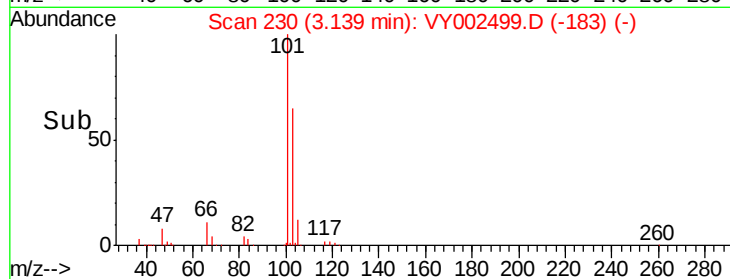
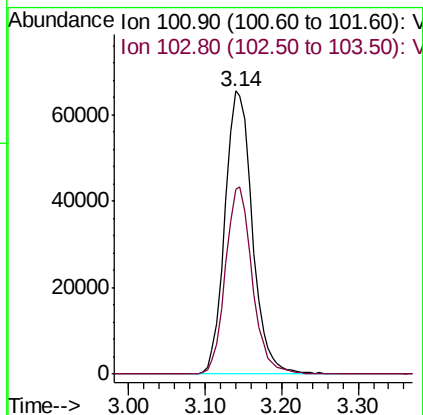
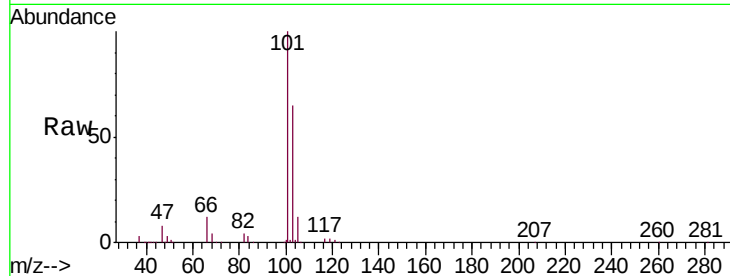


#7

Trichlorofluoromethane
 Concen: 45.326 ug/l
 RT: 3.14 min Scan# 230
 Delta R.T. -0.01 min
 Lab File: VY002499.D
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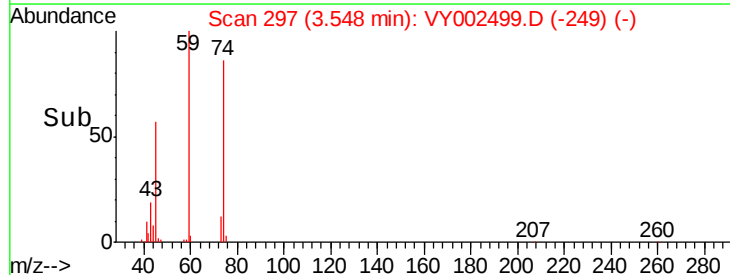
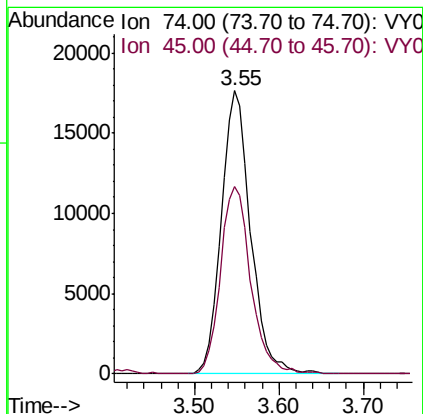
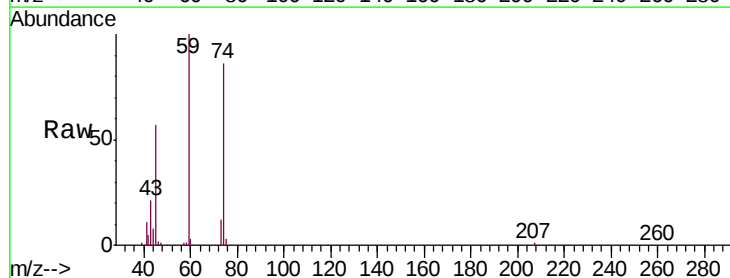
Tgt Ion:101 Resp: 162762
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.5 78.7

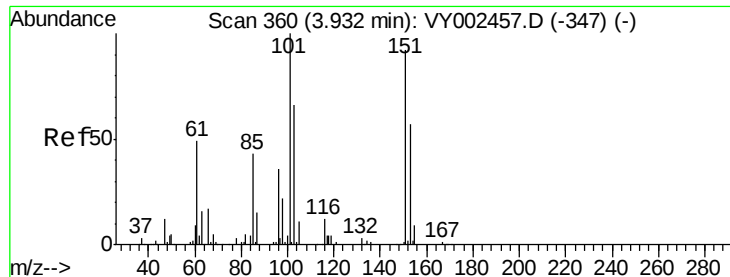


#8

Diethyl Ether
 Concen: 28.366 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. -0.01 min
 Lab File: VY002499.D
 Acq: 29 Apr 2020 10:38

Tgt Ion: 74 Resp: 41986
 Ion Ratio Lower Upper
 74 100
 45 68.4 44.0 132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.828 ug/l

RT: 3.92 min Scan# 358

Delta R.T. -0.01 min

Lab File: VY002499.D

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VSTDCCC050

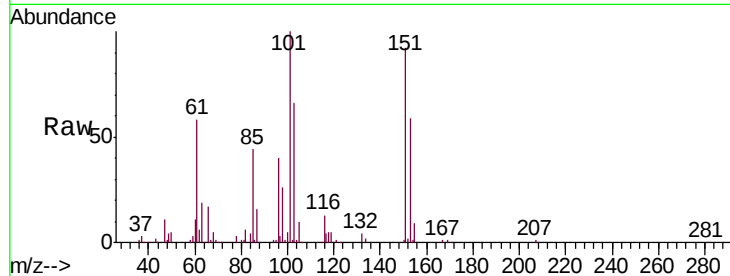
Tgt Ion:101 Resp: 125639

Ion Ratio Lower Upper

101 100

85 43.1 34.1 51.1

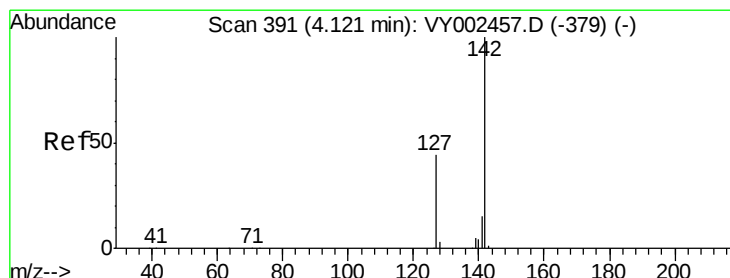
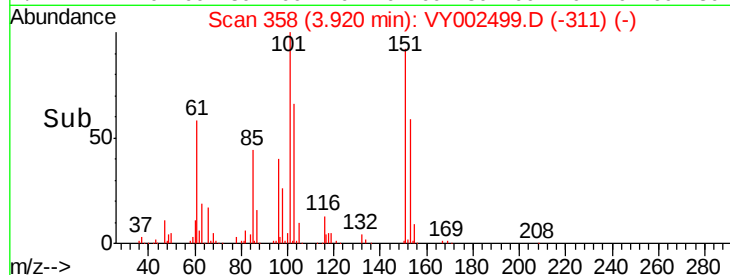
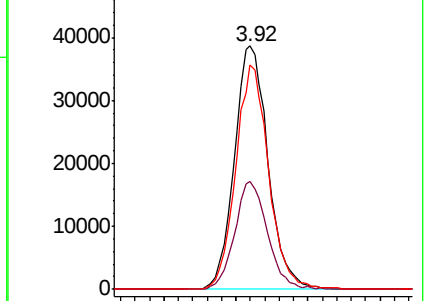
151 90.0 70.3 105.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.389 ug/l

RT: 4.11 min Scan# 390

Delta R.T. -0.01 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

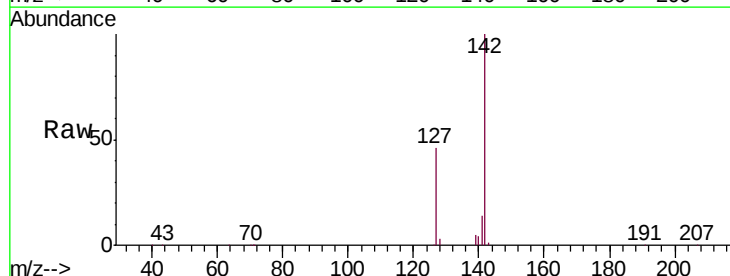
Tgt Ion:142 Resp: 192146

Ion Ratio Lower Upper

142 100

127 44.9 35.8 53.8

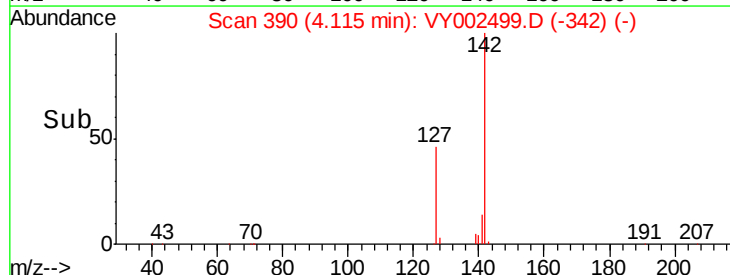
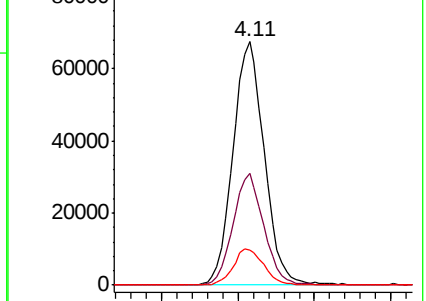
141 14.6 11.6 17.4

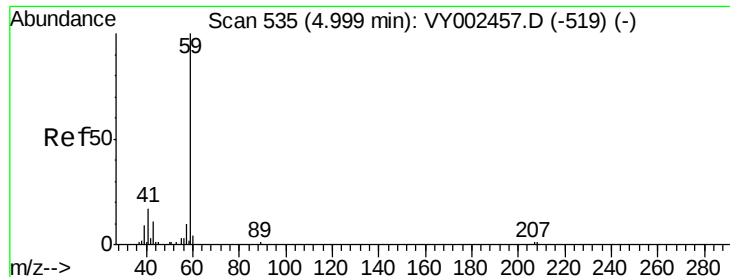


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

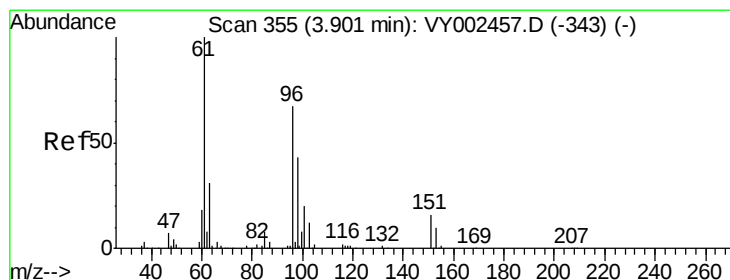
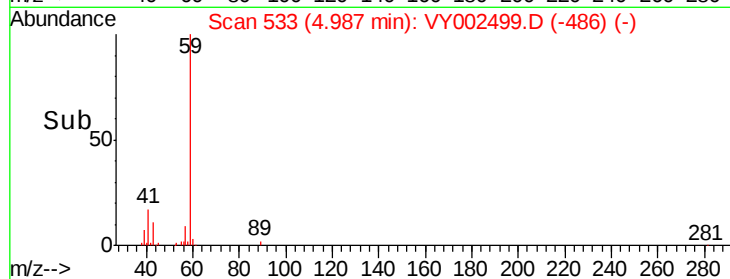
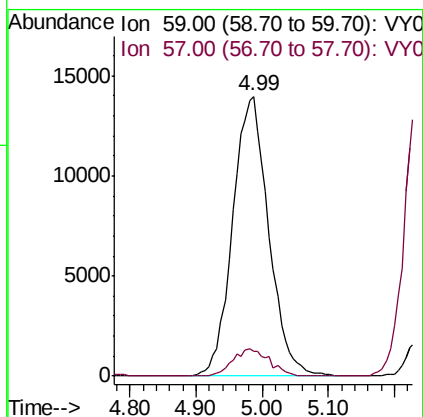
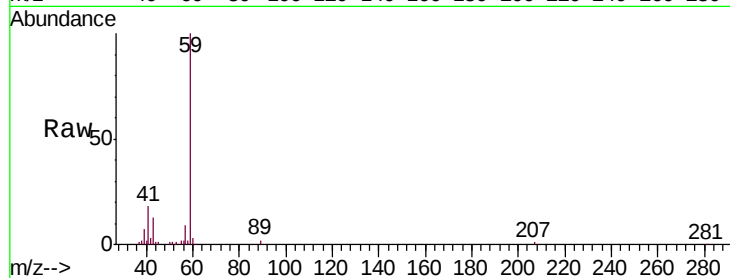




#11
Tert butyl alcohol
Concen: 216.453 ug/l
RT: 4.99 min Scan# 533
Delta R.T. -0.01 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

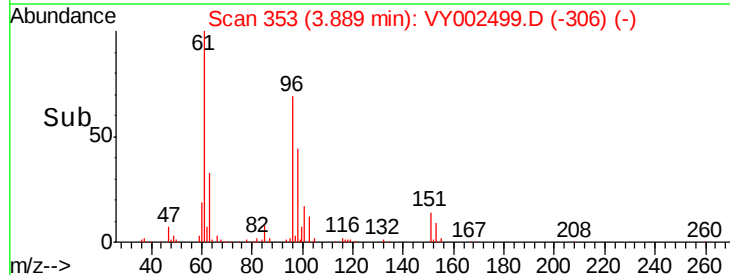
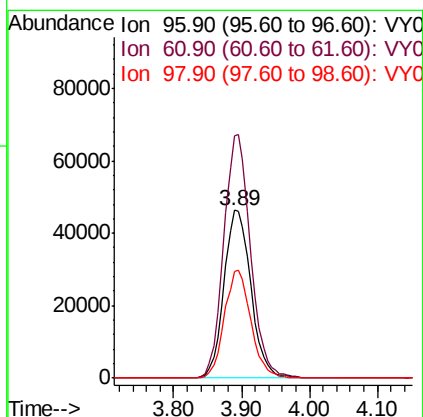
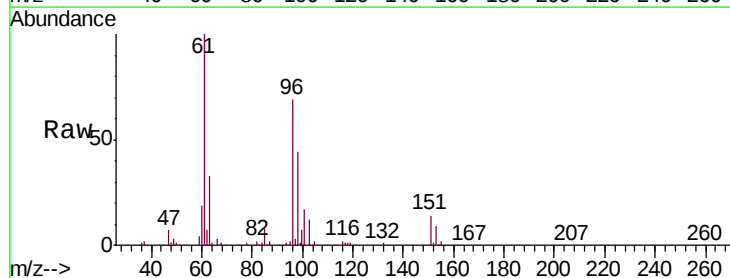
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

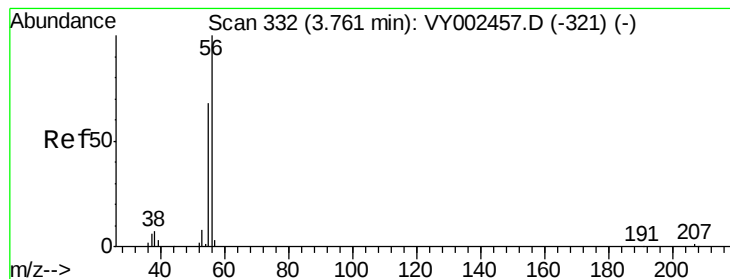
Tgt Ion: 59 Resp: 52678
Ion Ratio Lower Upper
59 100
57 9.9 8.4 12.6



#12
1,1-Dichloroethene
Concen: 50.277 ug/l
RT: 3.89 min Scan# 353
Delta R.T. -0.01 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

Tgt Ion: 96 Resp: 127329
Ion Ratio Lower Upper
96 100
61 143.9 119.0 178.6
98 63.3 51.4 77.2





#13

Acrolein

Concen: 197.733 ug/l

RT: 3.76 min Scan# 331

Delta R.T. -0.01 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Instrument :

MSVOA_Y

ClientSampleId :

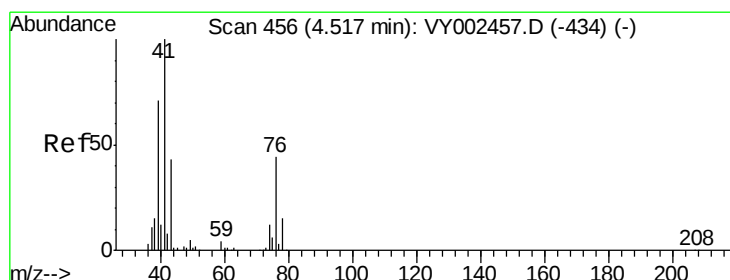
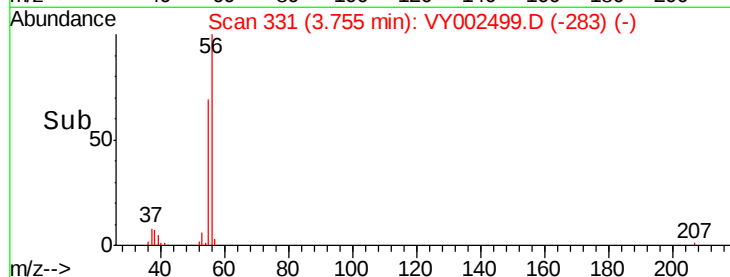
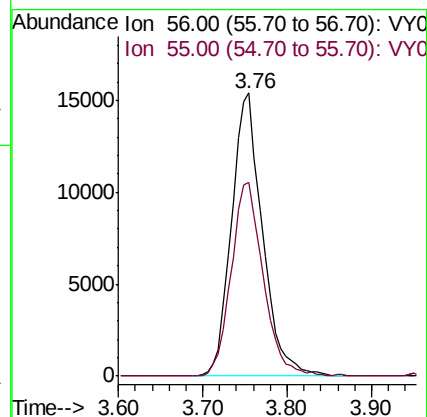
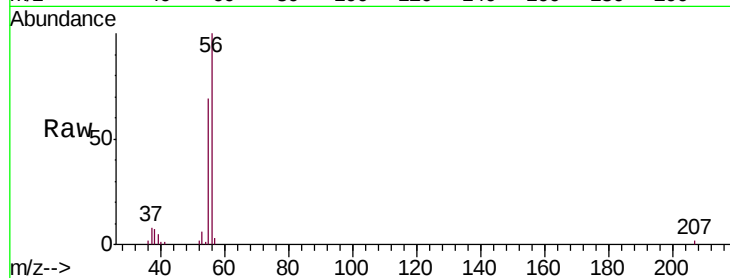
VSTDCCC050

Tgt Ion: 56 Resp: 38522

Ion Ratio Lower Upper

56 100

55 70.6 55.8 83.6



#14

Allyl chloride

Concen: 46.057 ug/l

RT: 4.51 min Scan# 454

Delta R.T. -0.01 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

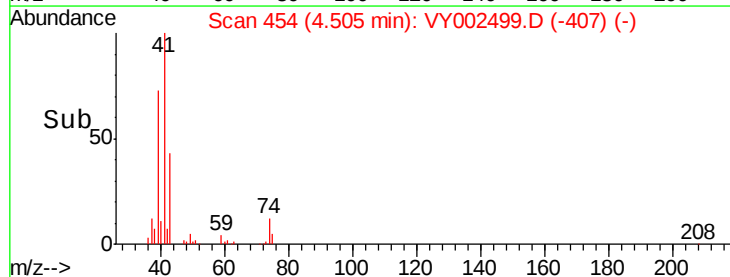
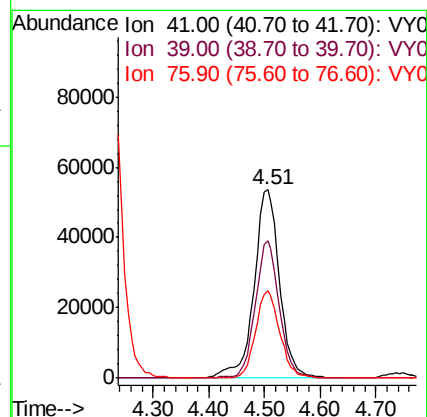
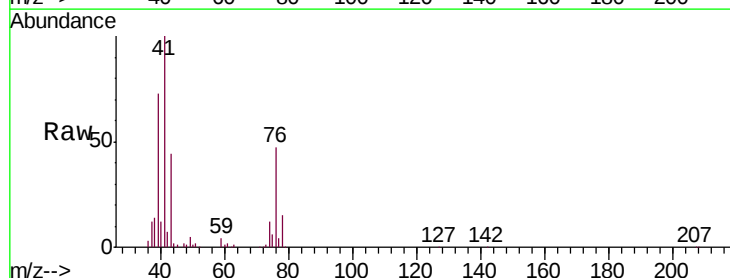
Tgt Ion: 41 Resp: 171414

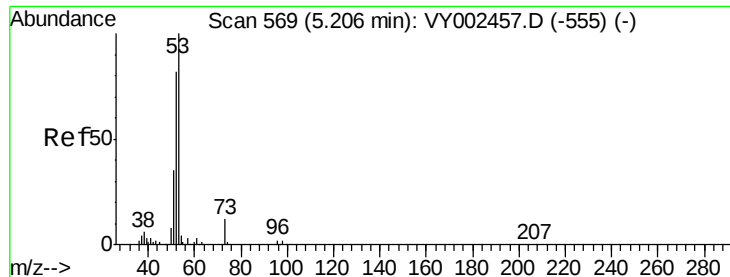
Ion Ratio Lower Upper

41 100

39 68.8 55.1 82.7

76 43.9 34.3 51.5





#15

Acrylonitrile

Concen: 220.970 ug/l

RT: 5.19 min Scan# 567

Delta R.T. -0.01 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

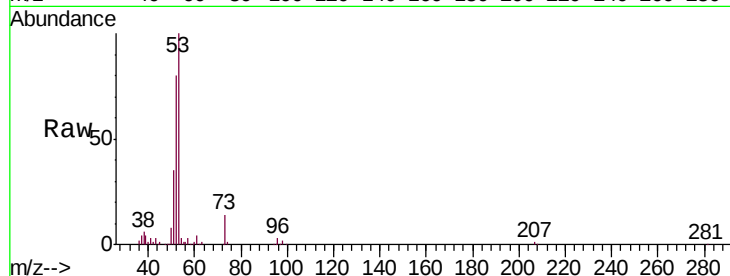
Tgt Ion: 53 Resp: 156491

Ion Ratio Lower Upper

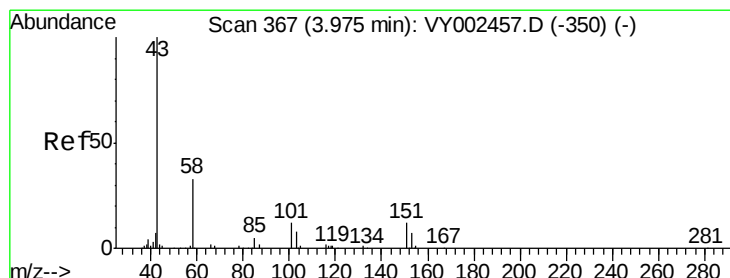
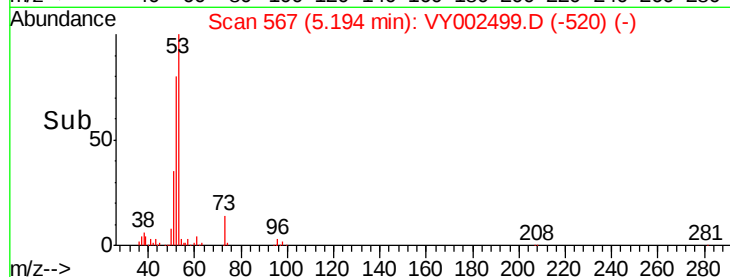
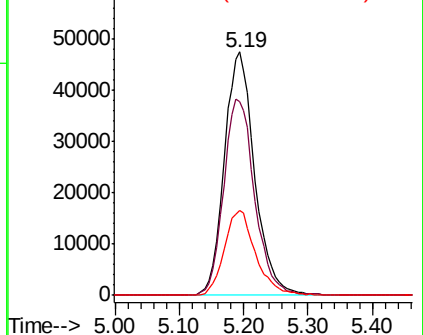
53 100

52 82.4 65.4 98.2

51 36.1 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 244.666 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY002499.D

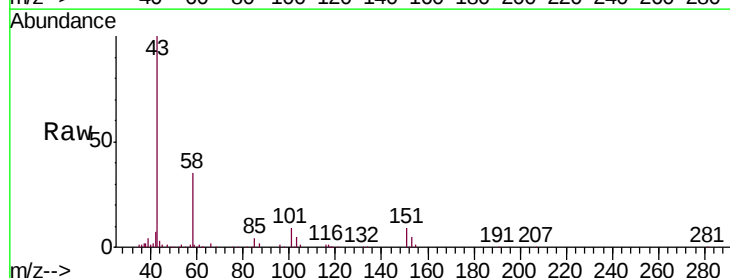
Acq: 29 Apr 2020 10:38

Tgt Ion: 43 Resp: 132213

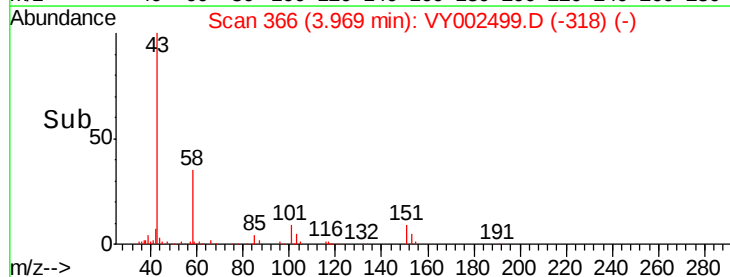
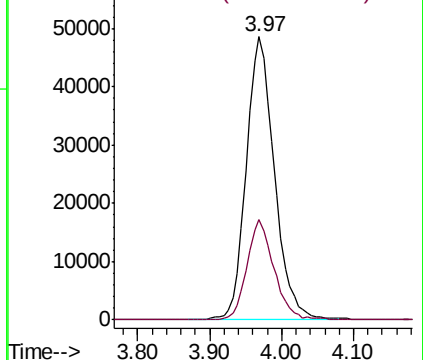
Ion Ratio Lower Upper

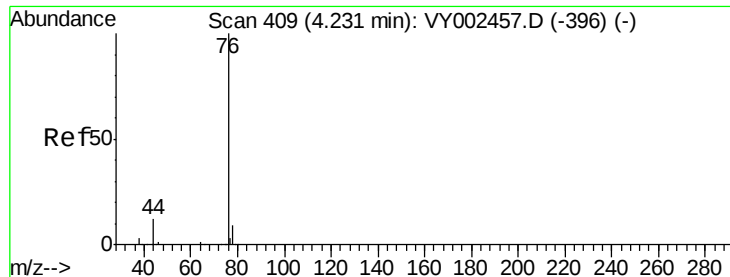
43 100

58 35.2 26.4 39.6



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





#17

Carbon Disulfide

Concen: 47.477 ug/l

RT: 4.21 min Scan# 406

Delta R.T. -0.02 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Instrument :

MSVOA_Y

ClientSampleId :

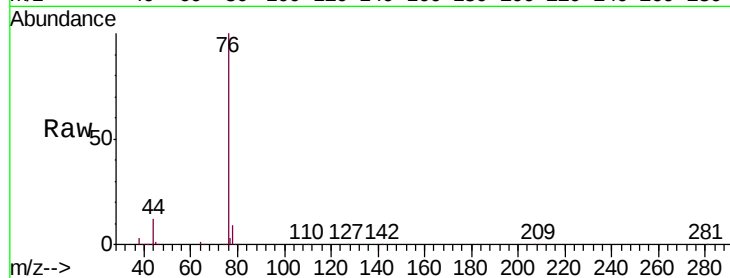
VSTDCCC050

Tgt Ion: 76 Resp: 374919

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY002457.D (-396) (-)

Ion 77.90 (77.60 to 78.60): VY002457.D (-396) (-)

4.21

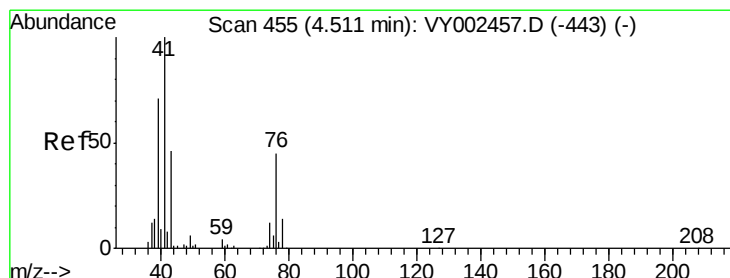
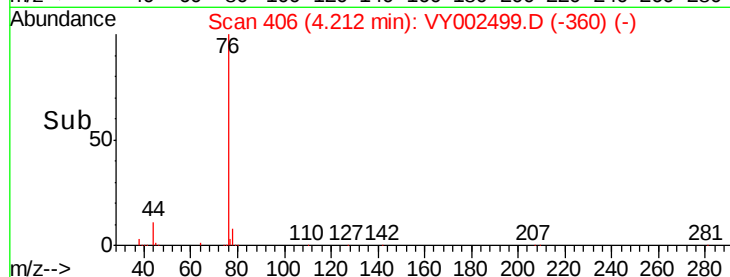
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 41.231 ug/l

RT: 4.50 min Scan# 453

Delta R.T. -0.01 min

Lab File: VY002499.D

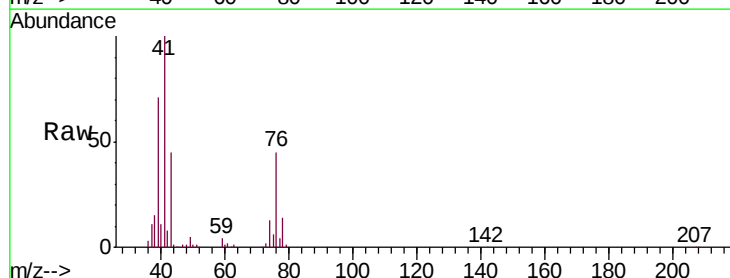
Acq: 29 Apr 2020 10:38

Tgt Ion: 43 Resp: 71695

Ion Ratio Lower Upper

43 100

74 28.4 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-443) (-)

Ion 74.00 (73.70 to 74.70): VY002457.D (-443) (-)

4.50

25000

20000

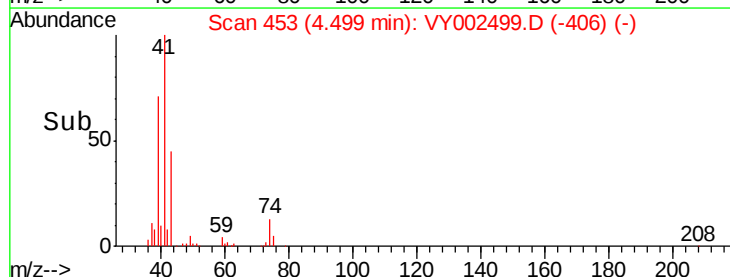
15000

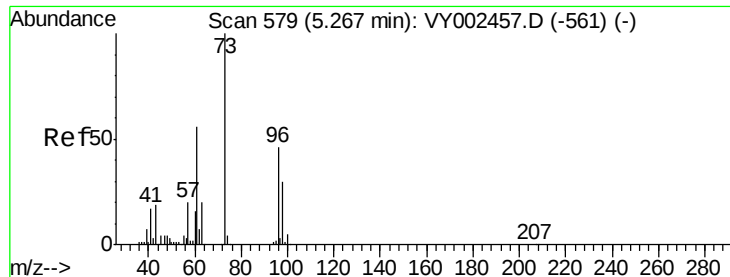
10000

5000

0

Time-->

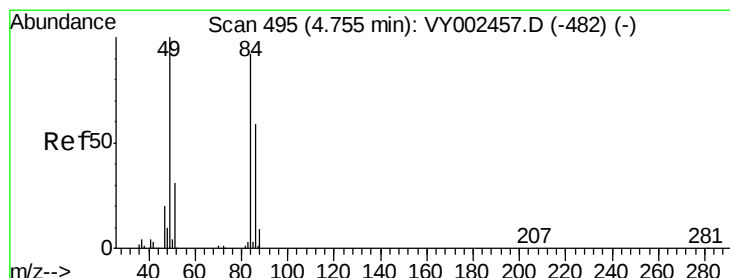
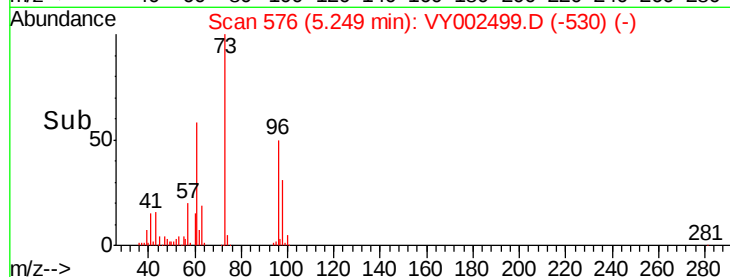
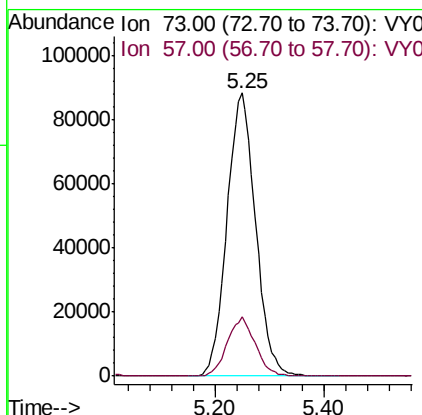
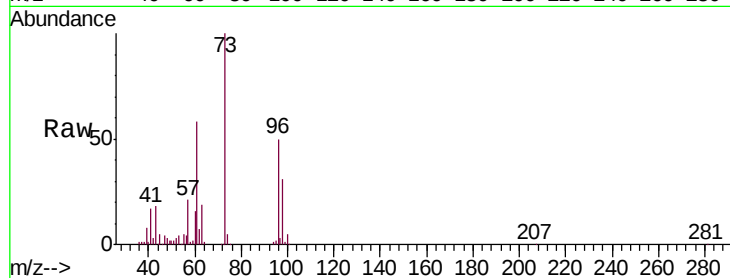




#19
Methyl tert-butyl Ether
Concen: 47.238 ug/l
RT: 5.25 min Scan# 576
Delta R.T. -0.02 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

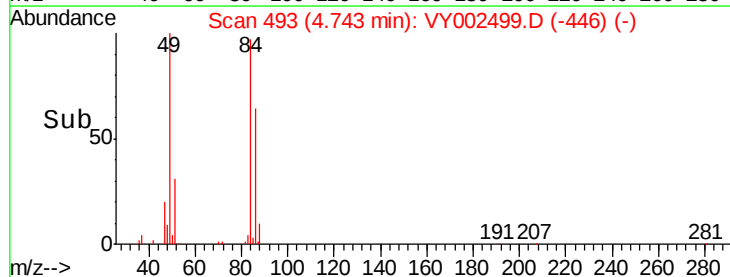
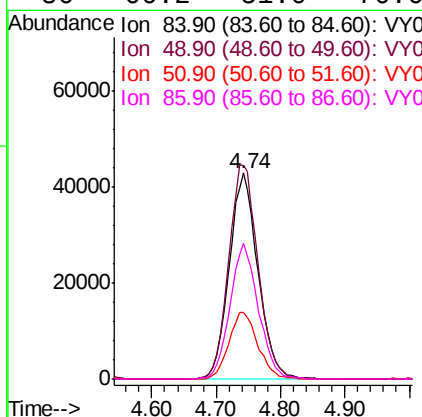
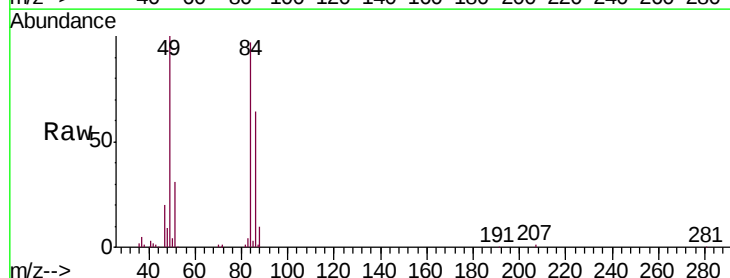
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

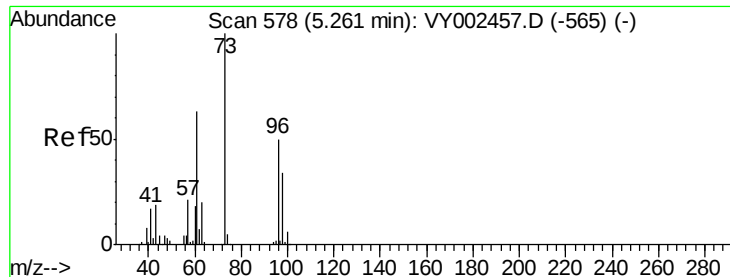
Tgt Ion: 73 Resp: 322821
Ion Ratio Lower Upper
73 100
57 20.8 16.0 24.0



#20
Methylene Chloride
Concen: 43.189 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

Tgt Ion: 84 Resp: 133247
Ion Ratio Lower Upper
84 100
49 103.5 86.9 130.3
51 32.4 27.3 40.9
86 66.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 47.656 ug/l

RT: 5.25 min Scan# 576

Delta R.T. -0.01 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

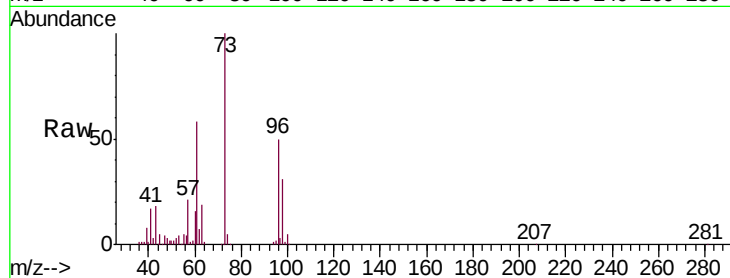
Tgt Ion: 96 Resp: 135881

Ion Ratio Lower Upper

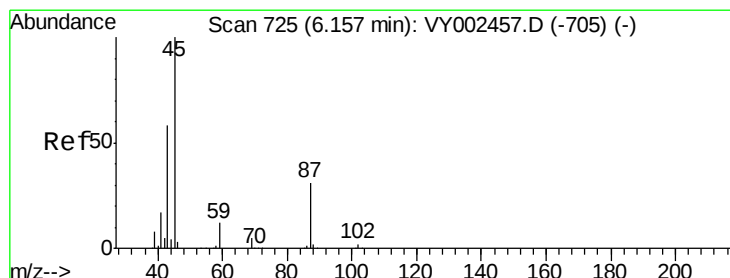
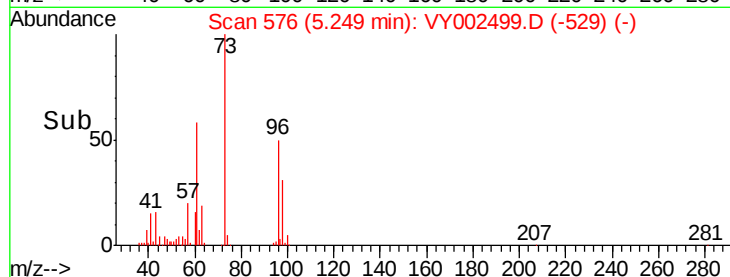
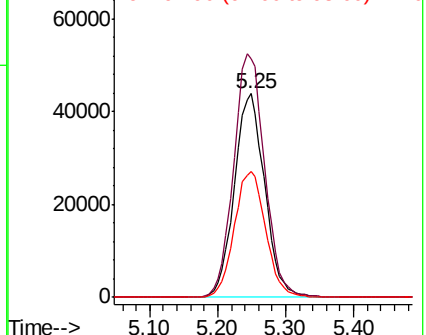
96 100

61 116.8 101.4 152.0

98 61.6 53.6 80.4



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: 44.765 ug/l

RT: 6.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Tgt Ion: 45 Resp: 329419

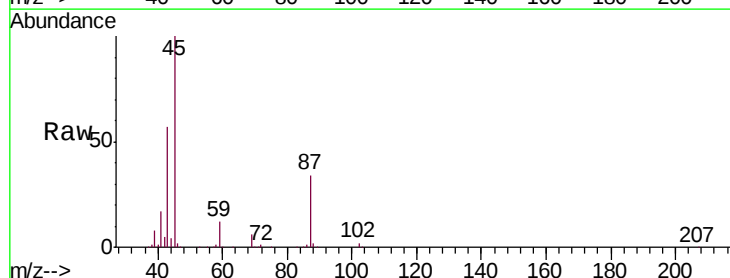
Ion Ratio Lower Upper

45 100

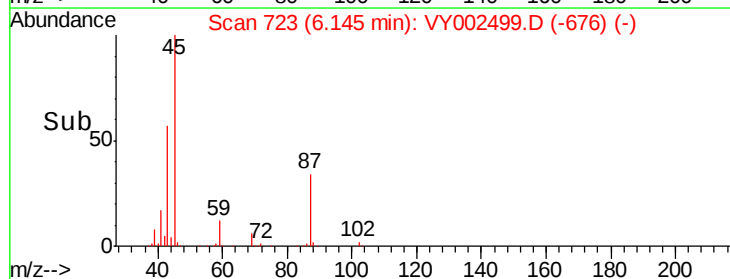
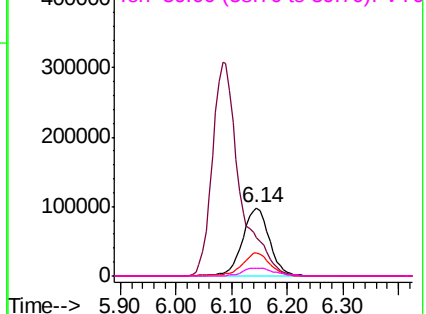
43 56.4 47.1 70.7

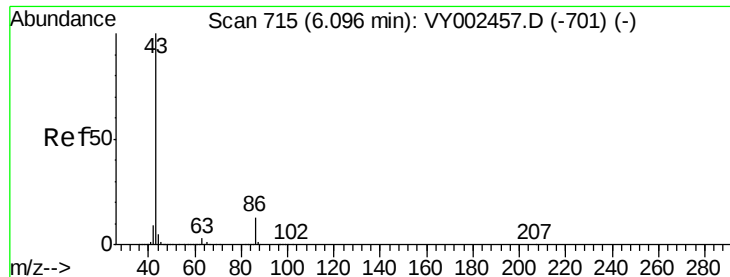
87 34.4 25.0 37.6

59 12.1 9.7 14.5



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

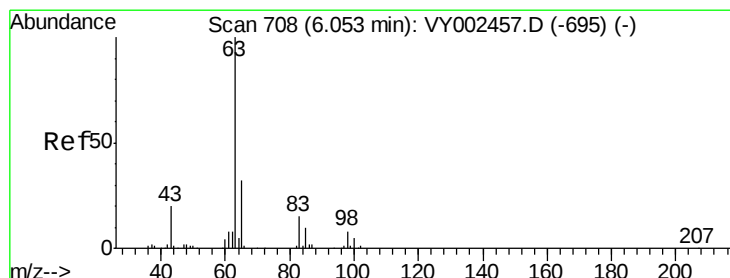
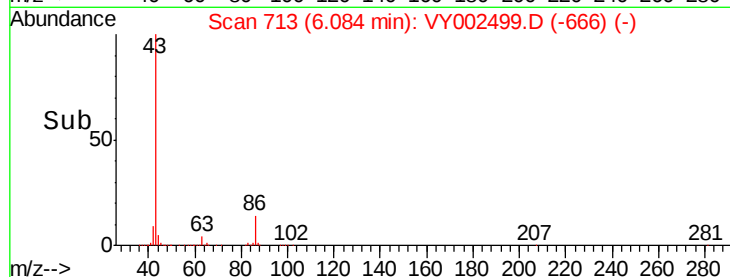
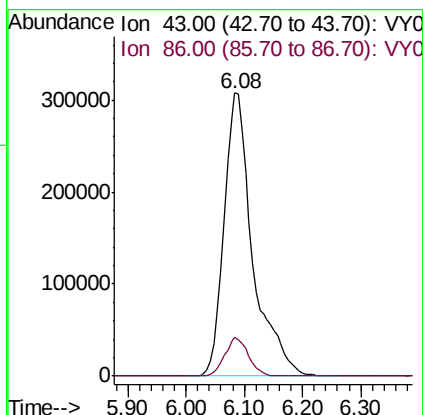
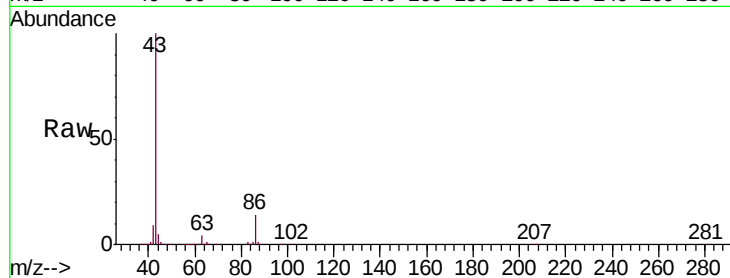




#23
 Vinyl Acetate
 Concen: 225.036 ug/l
 RT: 6.08 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VY002499.D
 Acq: 29 Apr 2020 10:38

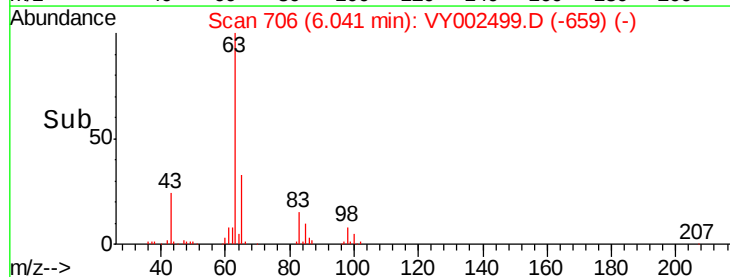
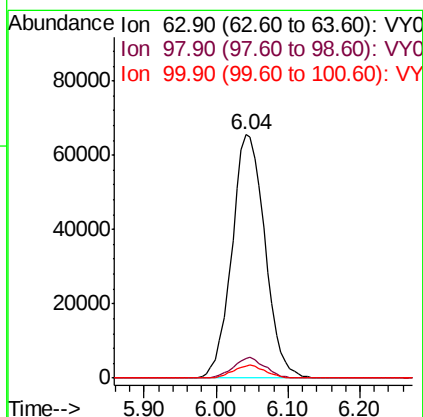
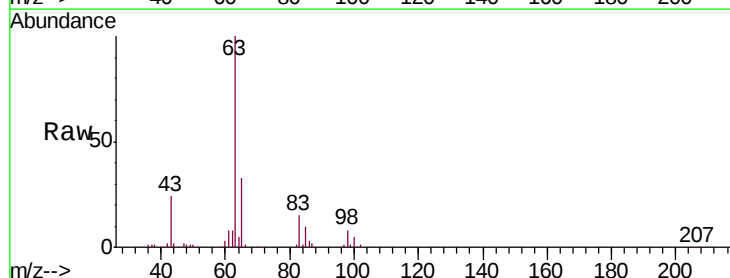
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

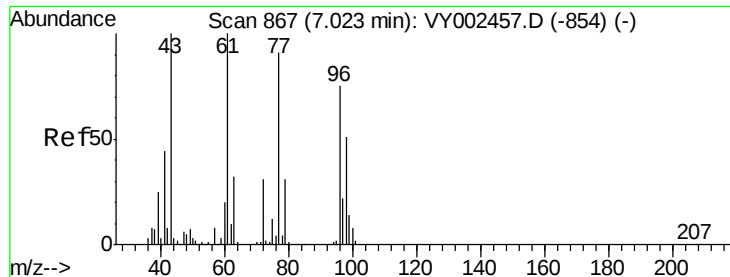
Tgt Ion: 43 Resp: 1052268
 Ion Ratio Lower Upper
 43 100
 86 13.8 10.2 15.4



#24
 1,1-Dichloroethane
 Concen: 46.884 ug/l
 RT: 6.04 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VY002499.D
 Acq: 29 Apr 2020 10:38

Tgt Ion: 63 Resp: 208880
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.1 12.3
 100 4.8 2.5 7.4





#25

2-Butanone

Concen: 213.008 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Instrument :

MSVOA_Y

ClientSampleId :

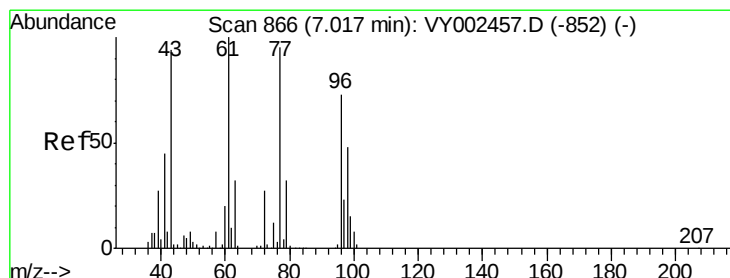
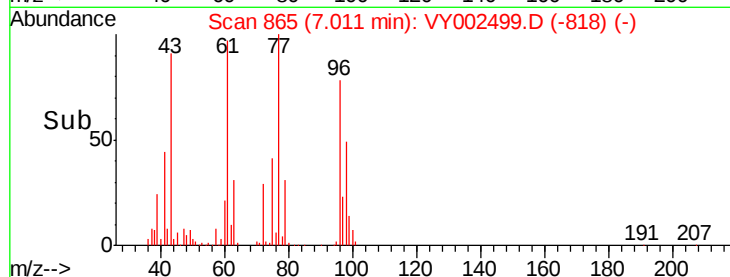
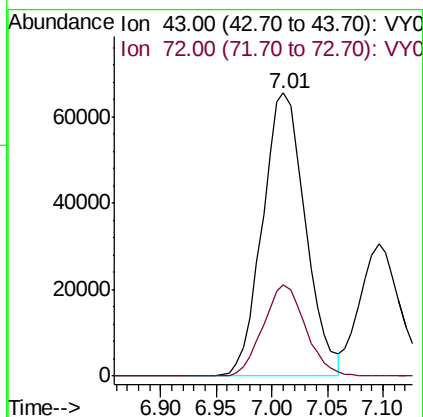
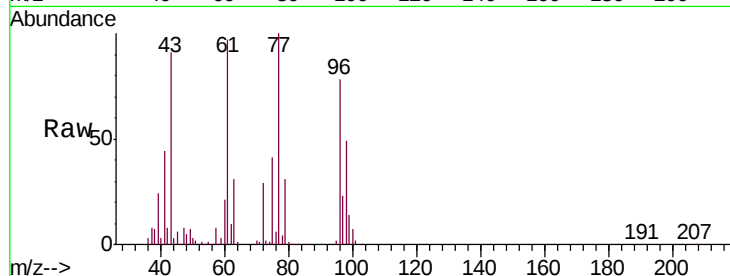
VSTDCCC050

Tgt Ion: 43 Resp: 176343

Ion Ratio Lower Upper

43 100

72 32.3 24.8 37.2



#26

2,2-Dichloropropane

Concen: 51.040 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY002499.D

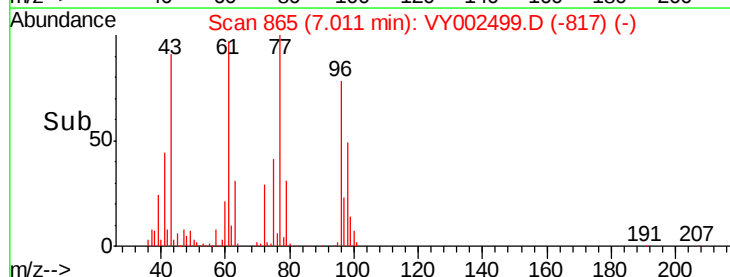
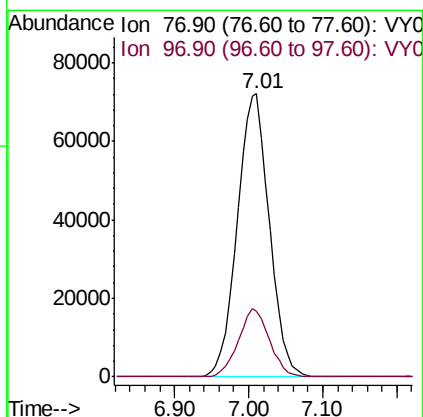
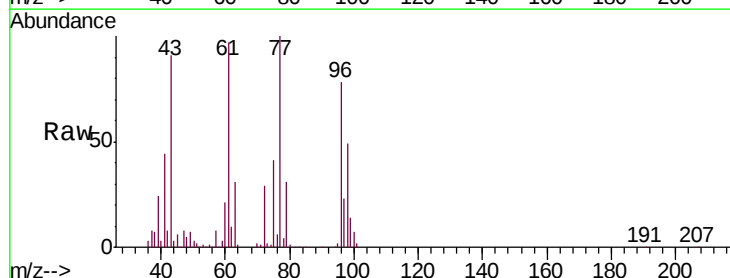
Acq: 29 Apr 2020 10:38

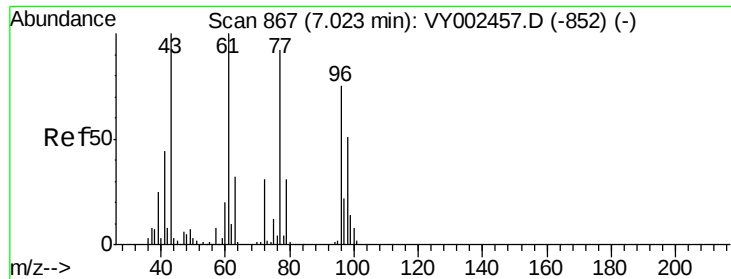
Tgt Ion: 77 Resp: 217472

Ion Ratio Lower Upper

77 100

97 23.3 12.0 36.0

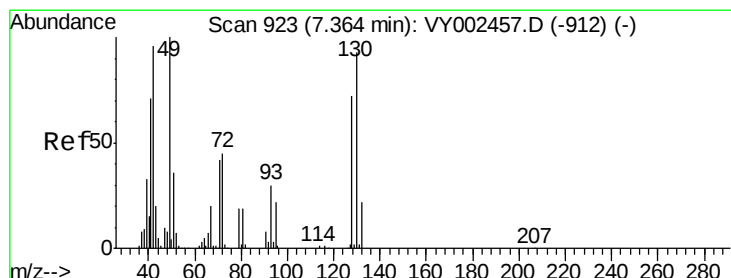
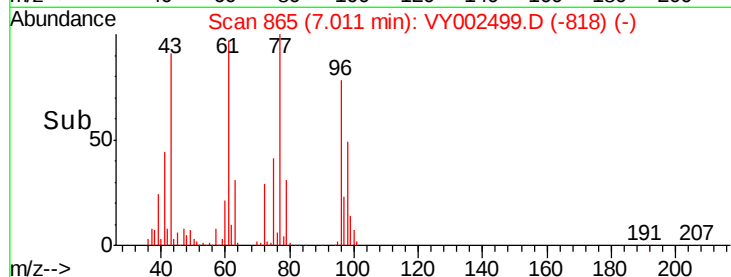
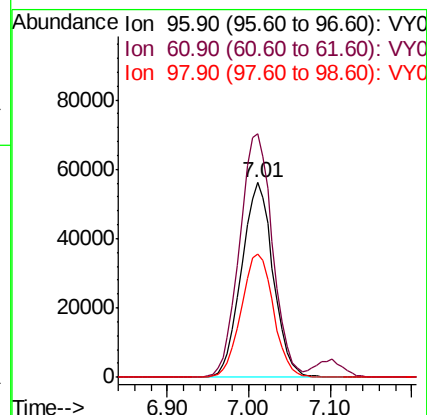
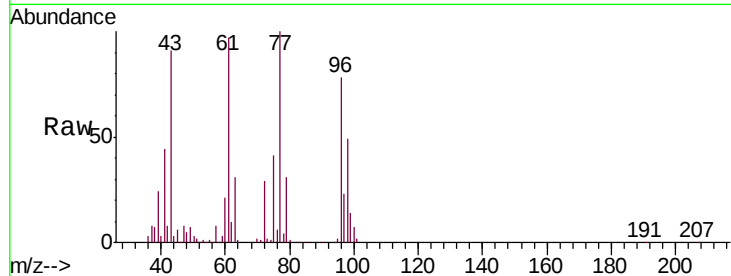




#27
 cis-1,2-Dichloroethene
 Concen: 48.701 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VY002499.D
 Acq: 29 Apr 2020 10:38

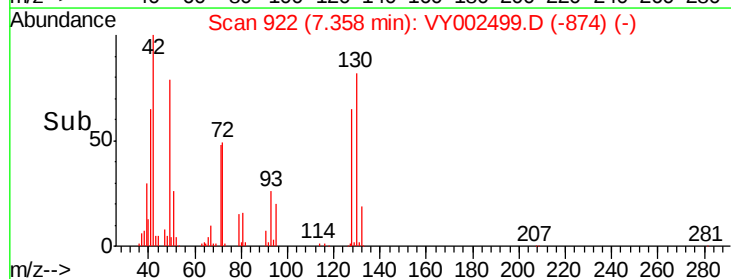
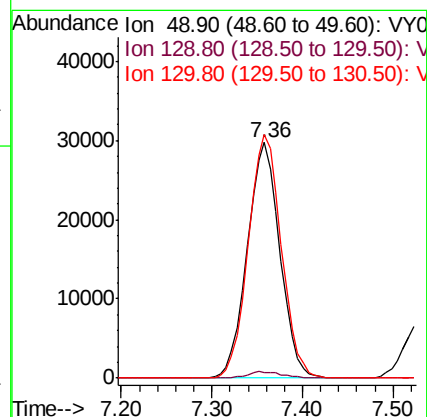
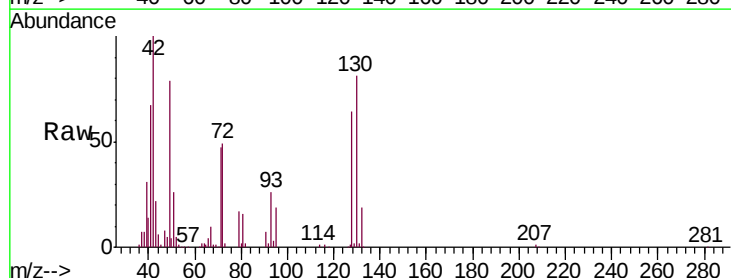
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

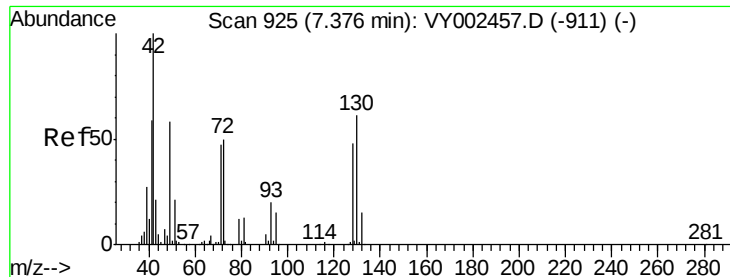
Tgt Ion: 96 Resp: 151034
 Ion Ratio Lower Upper
 96 100
 61 130.2 0.0 262.6
 98 64.6 0.0 131.0



#28
 Bromochloromethane
 Concen: 42.488 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VY002499.D
 Acq: 29 Apr 2020 10:38

Tgt Ion: 49 Resp: 73849
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 5.6
 130 104.6 76.3 114.5

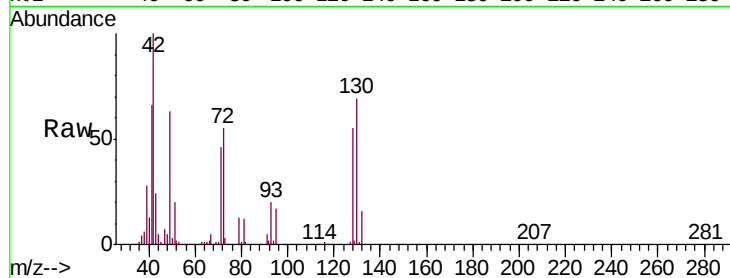




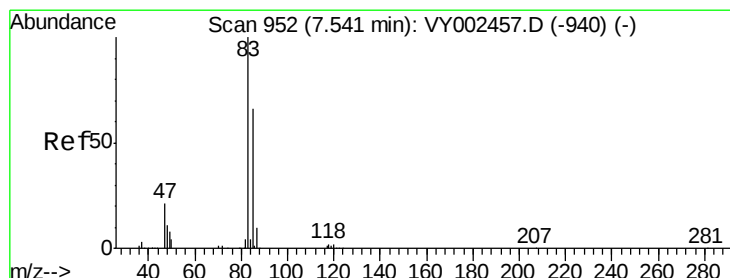
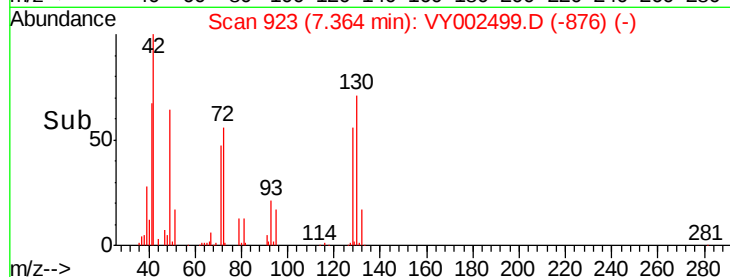
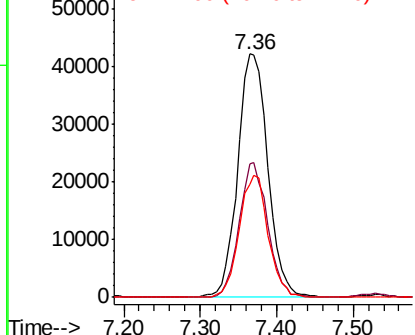
#29
Tetrahydrofuran
Concen: 210.127 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.01 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 115334
Ion Ratio Lower Upper
42 100
72 52.3 39.5 59.3
71 48.1 37.6 56.4

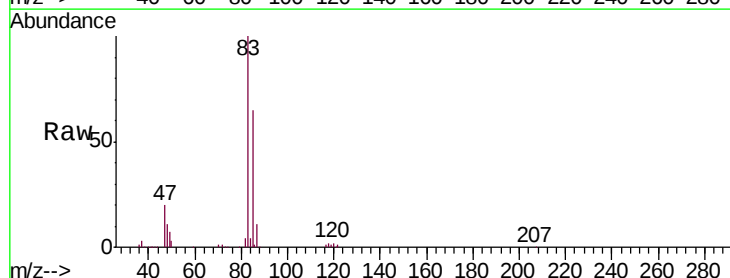


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

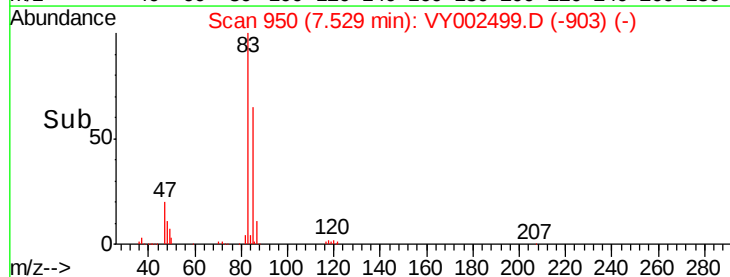
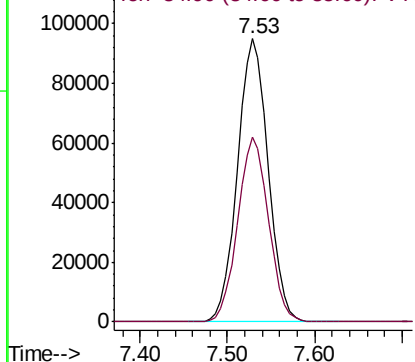


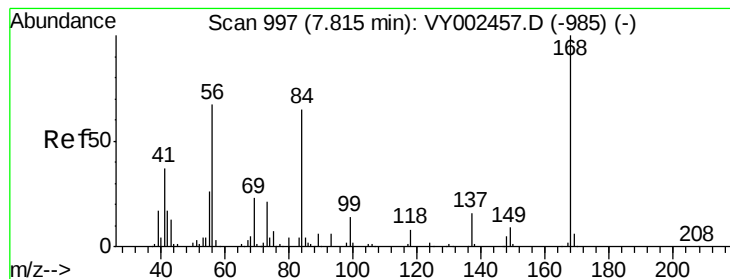
#30
Chloroform
Concen: 48.714 ug/l
RT: 7.53 min Scan# 950
Delta R.T. -0.01 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

Tgt Ion: 83 Resp: 231087
Ion Ratio Lower Upper
83 100
85 65.3 52.4 78.6



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





#31

Cyclohexane

Concen: 44.029 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

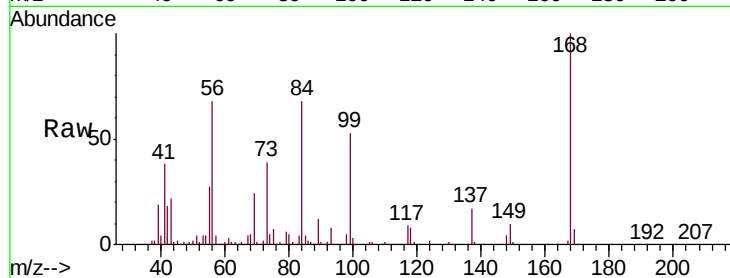
Tgt Ion: 56 Resp: 196154

Ion Ratio Lower Upper

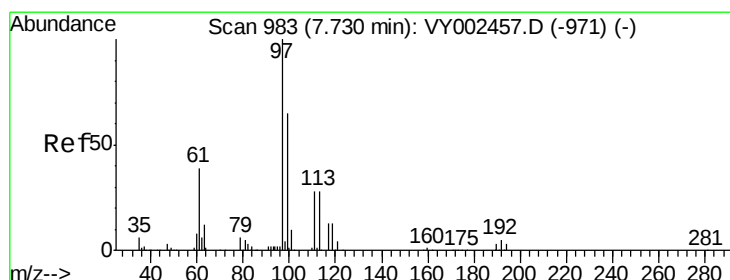
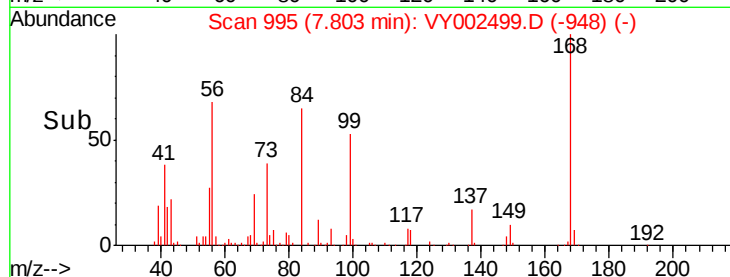
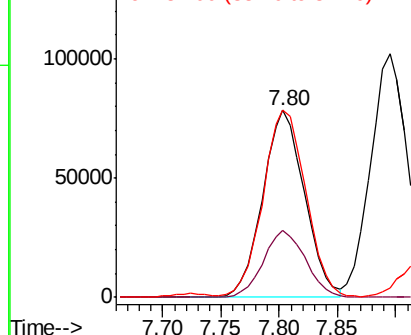
56 100

69 35.7 27.0 40.6

84 97.9 77.4 116.2



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



#32

1,1,1-Trichloroethane

Concen: 50.348 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

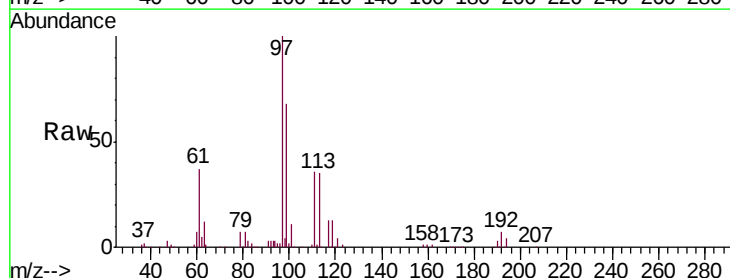
Tgt Ion: 97 Resp: 225678

Ion Ratio Lower Upper

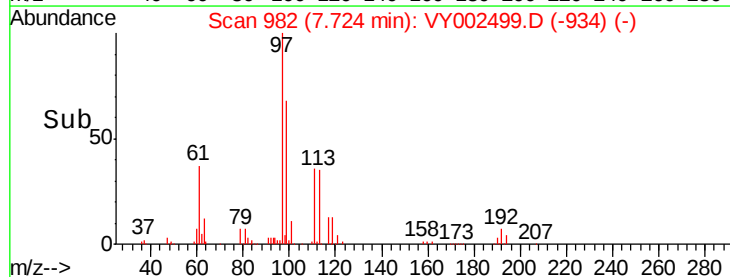
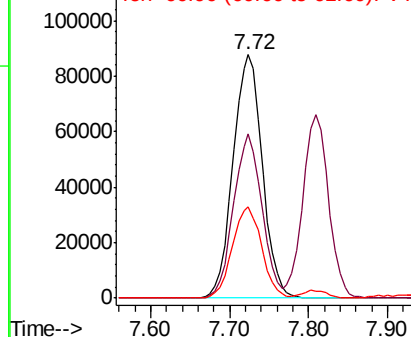
97 100

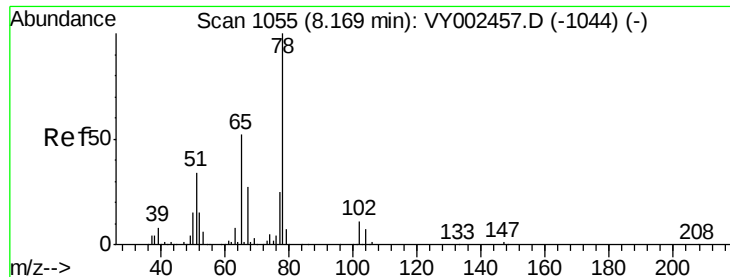
99 65.7 51.6 77.4

61 37.5 30.6 45.8



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





#33

1,2-Dichloroethane-d4

Concen: 44.968 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Instrument :

MSVOA_Y

ClientSampleId :

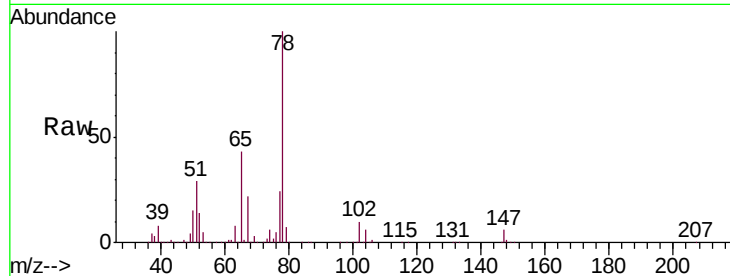
VSTDCCC050

Tgt Ion: 65 Resp: 116275

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.2

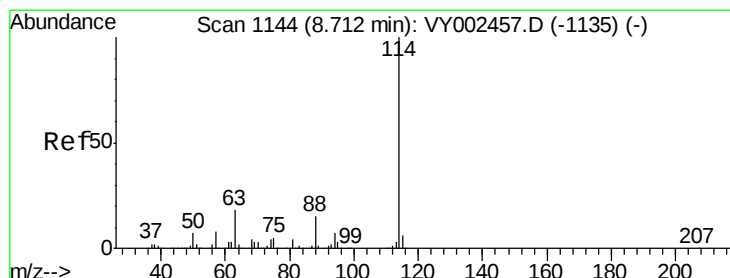
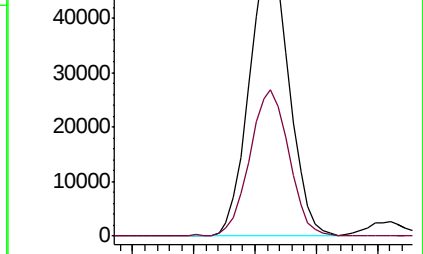
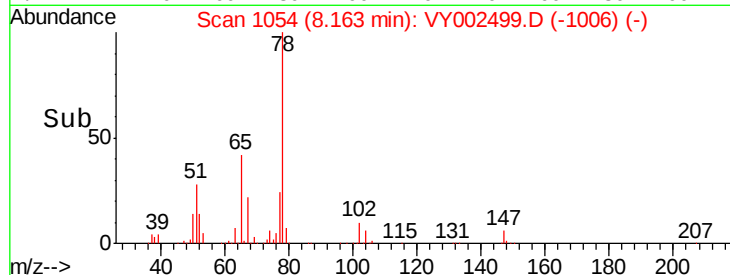


Abundance Ion 64.90 (64.60 to 65.60): VY002457.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY002457.D (-1044) (-)

8.16

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

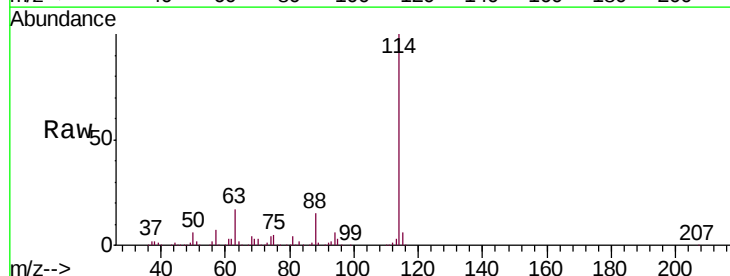
Tgt Ion: 114 Resp: 419283

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.6

88 14.9 0.0 29.4



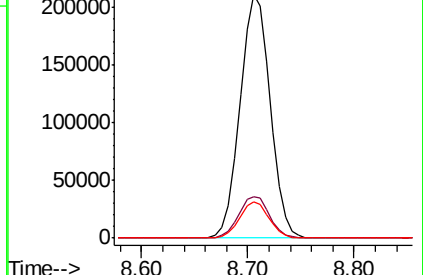
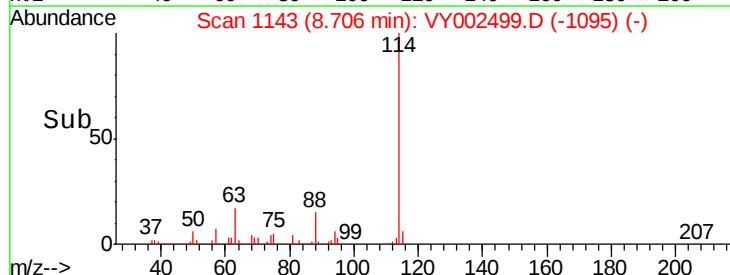
Abundance Ion 113.90 (113.60 to 114.60): VY002457.D (-1135) (-)

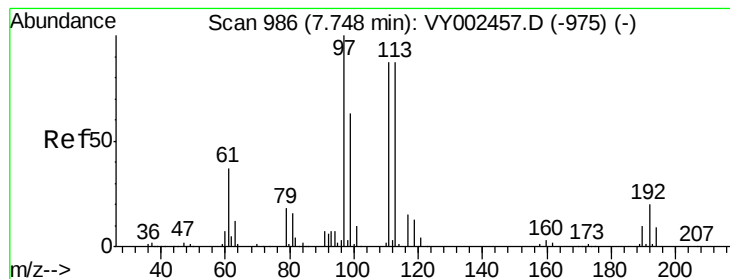
Ion 63.00 (62.70 to 63.70): VY002457.D (-1135) (-)

Ion 87.90 (87.60 to 88.60): VY002457.D (-1135) (-)

8.71

Time-->





#35

Dibromofluoromethane

Concen: 48.737 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

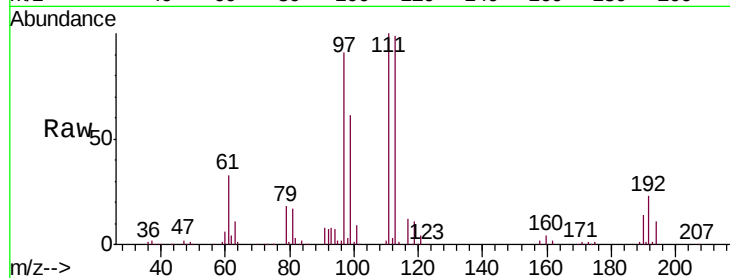
Tgt Ion:113 Resp: 115263

Ion Ratio Lower Upper

113 100

111 104.1 81.0 121.4

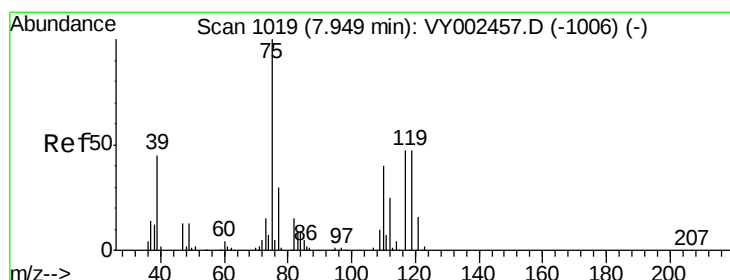
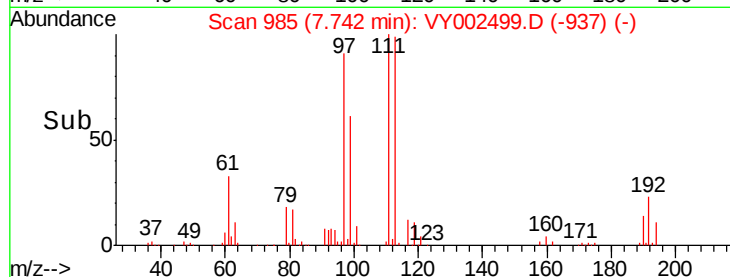
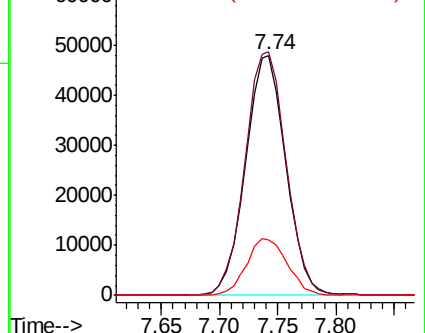
192 24.0 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.760 ug/l

RT: 7.94 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

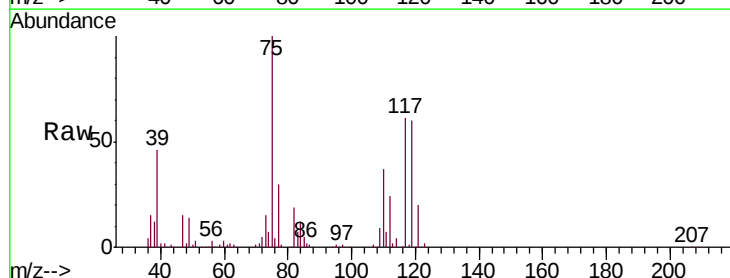
Tgt Ion: 75 Resp: 178895

Ion Ratio Lower Upper

75 100

110 39.6 19.4 58.4

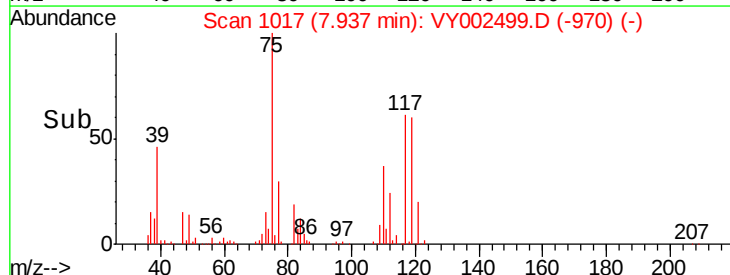
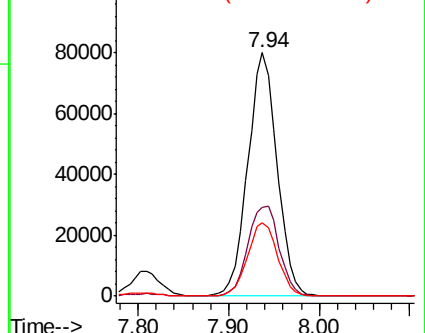
77 31.1 24.7 37.1

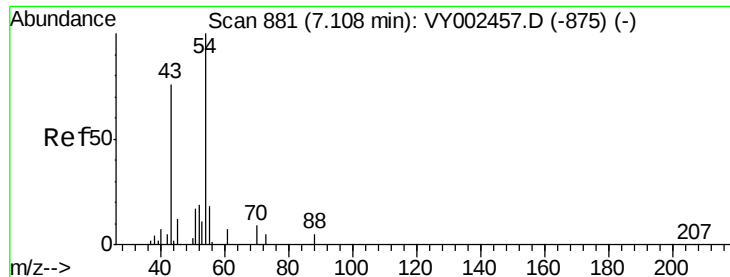


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

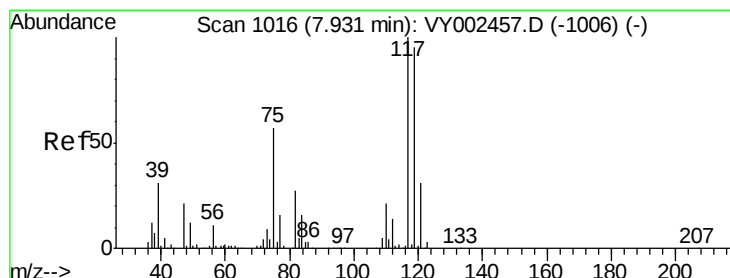
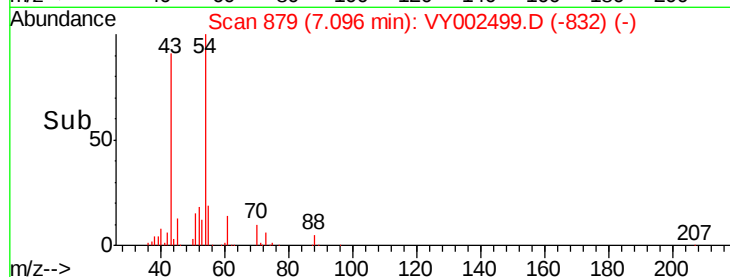
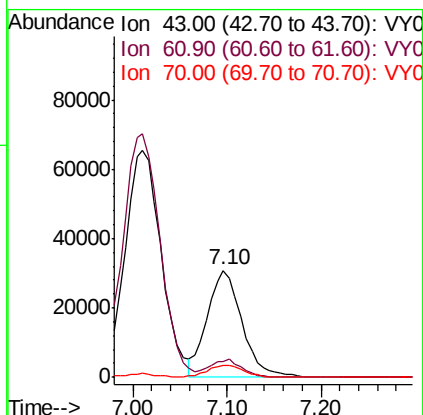
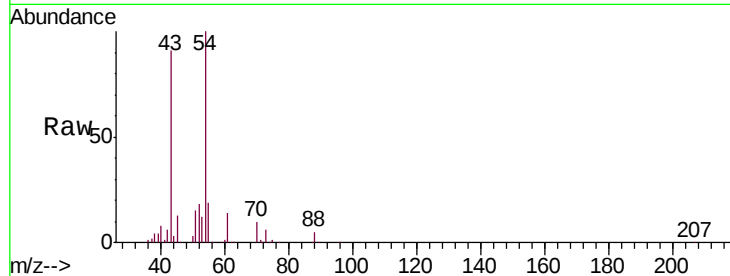




#37
Ethyl Acetate
Concen: 43.974 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

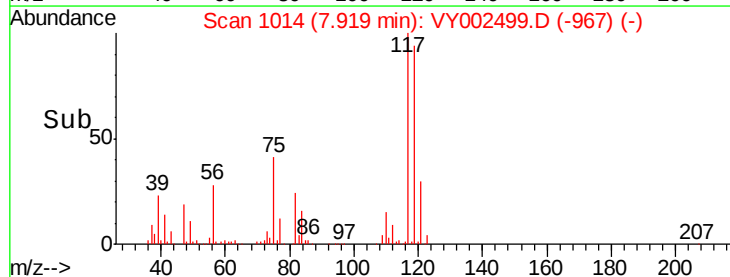
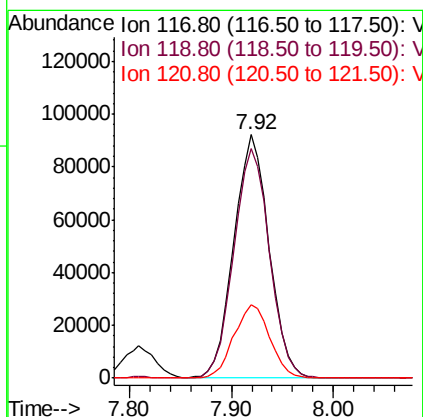
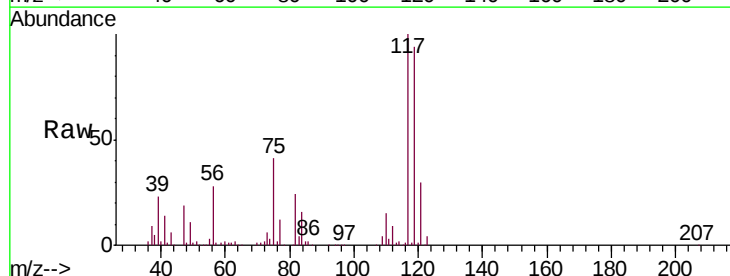
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

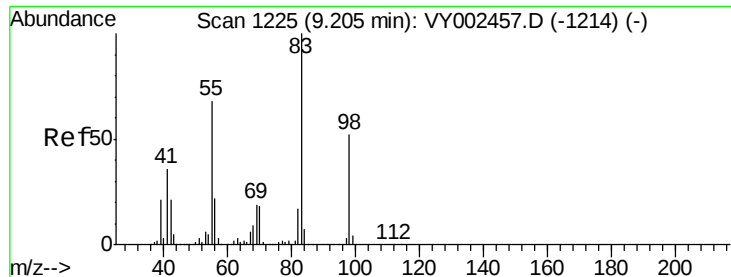
Tgt Ion: 43 Resp: 79424
Ion Ratio Lower Upper
43 100
61 15.7 11.8 17.8
70 12.0 9.3 13.9



#38
Carbon Tetrachloride
Concen: 53.249 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

Tgt Ion: 117 Resp: 220145
Ion Ratio Lower Upper
117 100
119 94.3 75.9 113.9
121 30.2 24.5 36.7

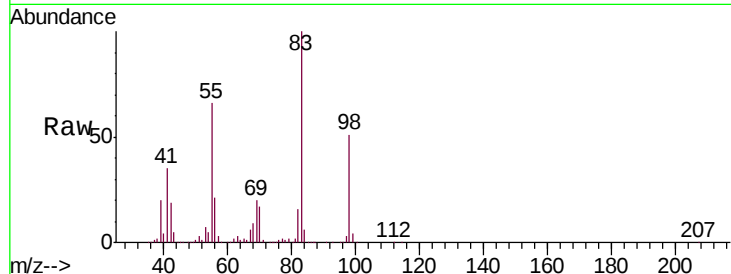




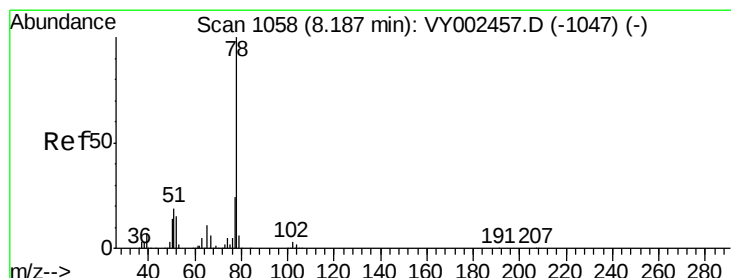
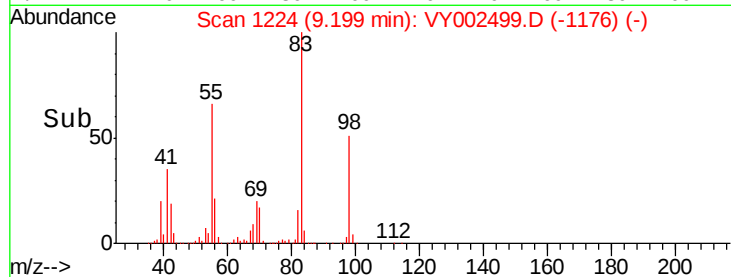
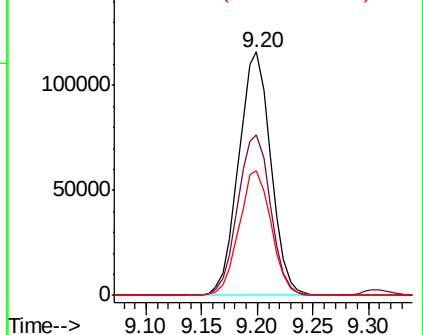
#39
Methylcyclohexane
Concen: 49.511 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 232201
Ion Ratio Lower Upper
83 100
55 65.9 54.2 81.2
98 51.3 41.9 62.9

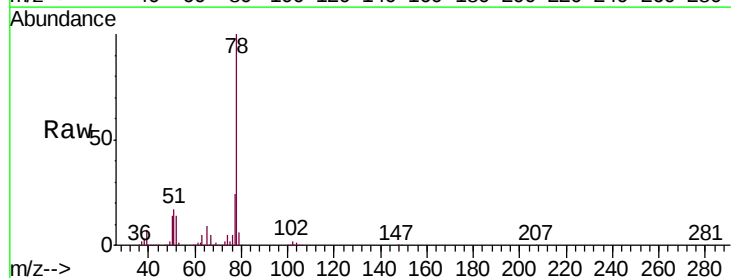


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

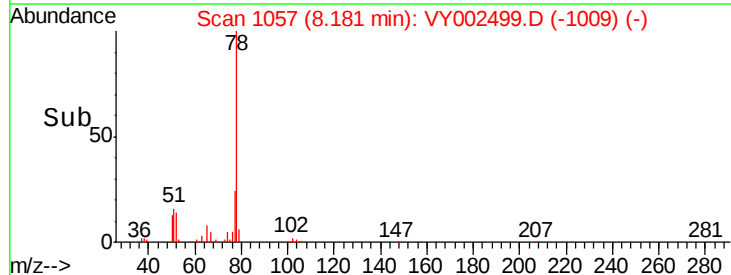
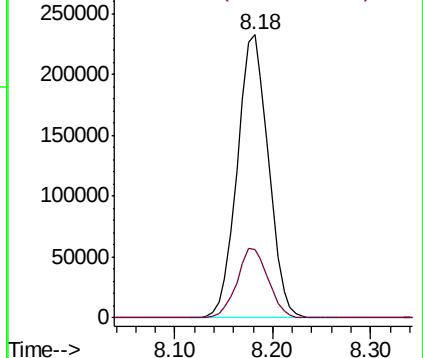


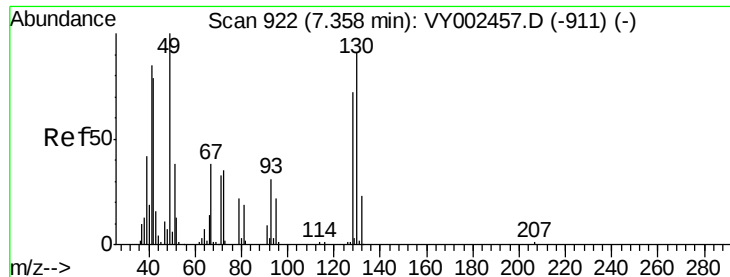
#40
Benzene
Concen: 49.564 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

Tgt Ion: 78 Resp: 515022
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#41

Methacrylonitrile

Concen: 99.941 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.01 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 111211

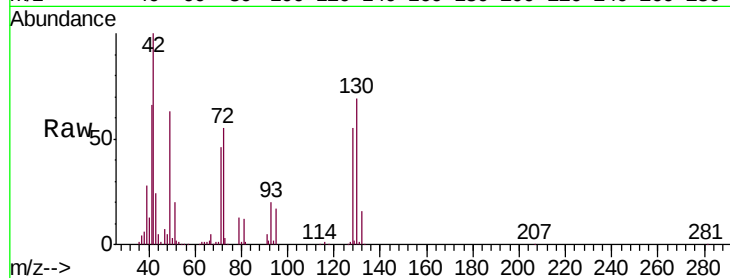
Ion Ratio Lower Upper

41 100

39 48.0 85.7 128.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

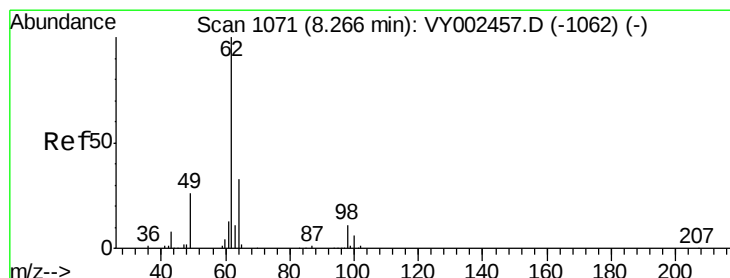
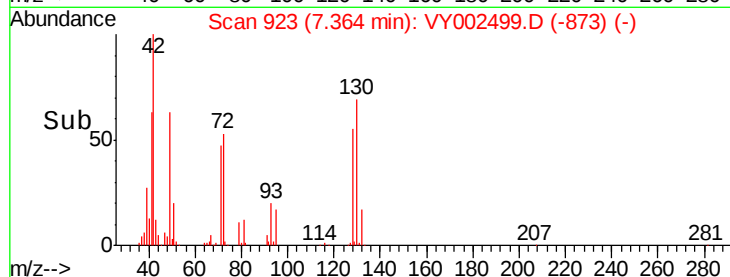
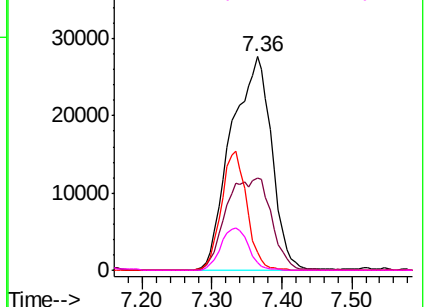


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 49.357 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VY002499.D

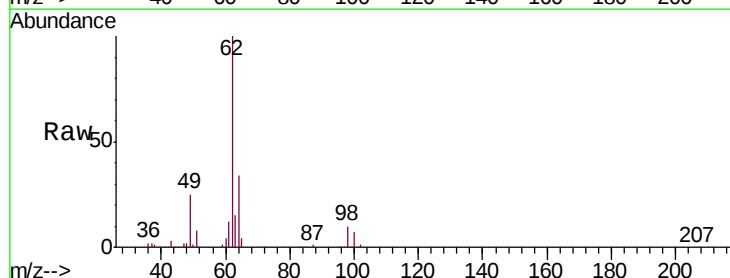
Acq: 29 Apr 2020 10:38

Tgt Ion: 62 Resp: 148988

Ion Ratio Lower Upper

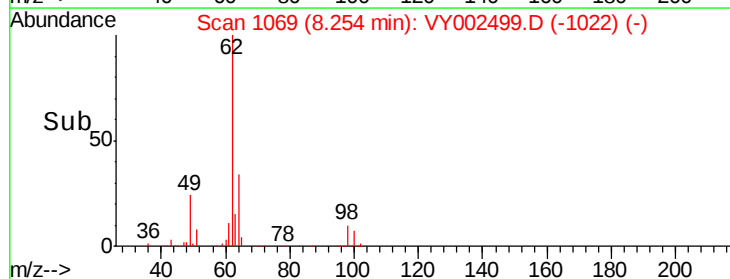
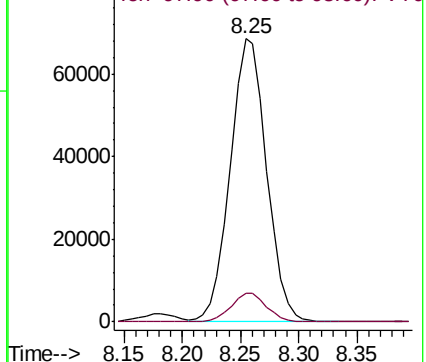
62 100

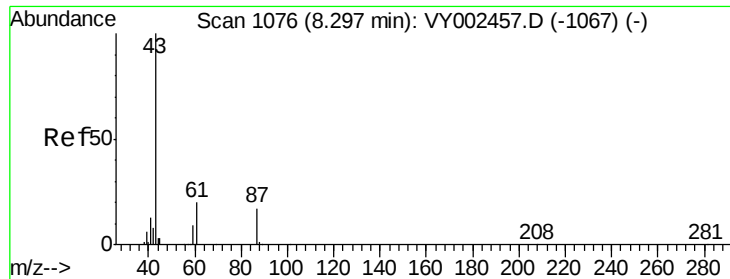
98 9.9 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 45.484 ug/l

RT: 8.29 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

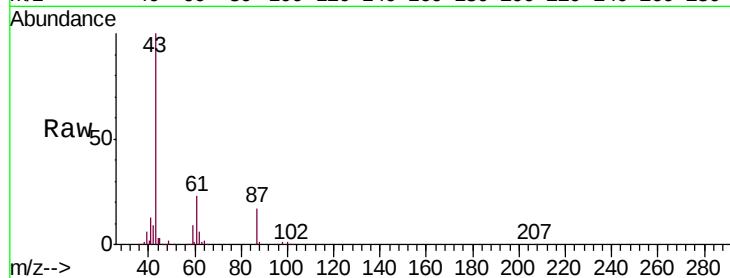
Tgt Ion: 43 Resp: 153649

Ion Ratio Lower Upper

43 100

61 31.8 25.0 37.4

87 16.1 13.0 19.4

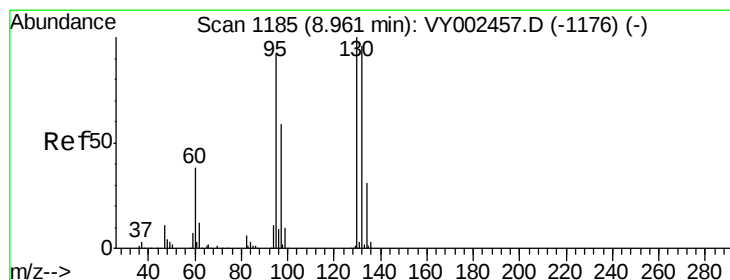
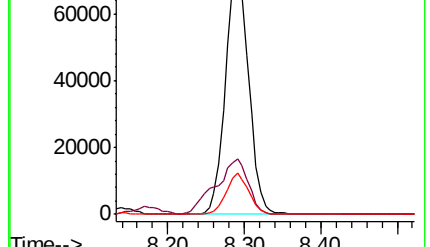
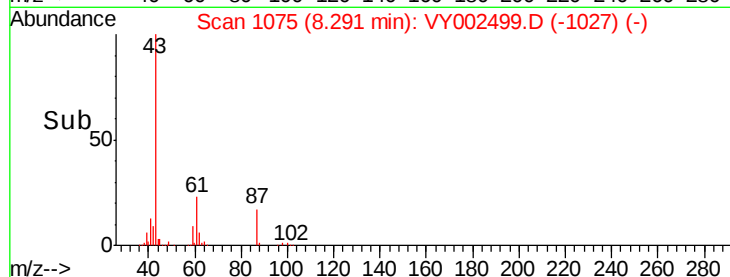


Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-1067) (-)

Ion 61.00 (60.70 to 61.70): VY002457.D (-1067) (-)

Ion 87.00 (86.70 to 87.70): VY002457.D (-1067) (-)

Time-->



#44

Trichloroethene

Concen: 50.458 ug/l

RT: 8.96 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VY002499.D

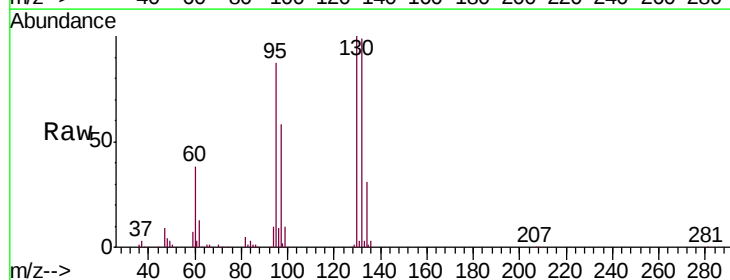
Acq: 29 Apr 2020 10:38

Tgt Ion: 130 Resp: 163945

Ion Ratio Lower Upper

130 100

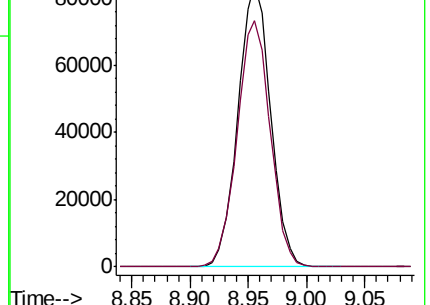
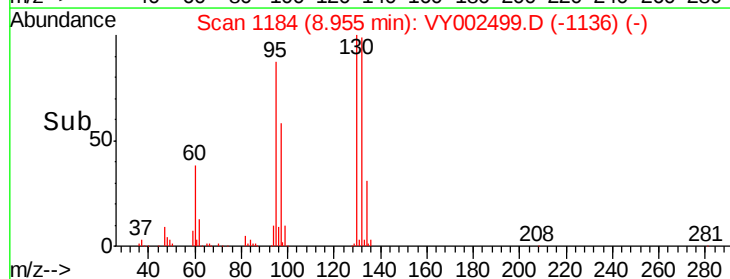
95 87.1 0.0 184.2

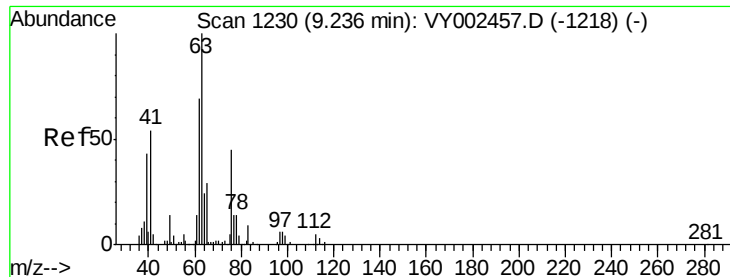


Abundance Ion 129.80 (129.50 to 130.50): VY002457.D (-1176) (-)

Ion 94.90 (94.60 to 95.60): VY002457.D (-1176) (-)

Time-->

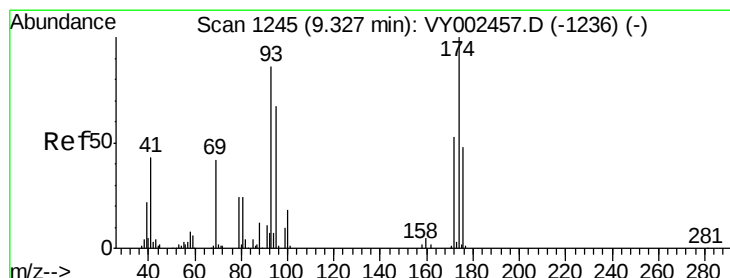
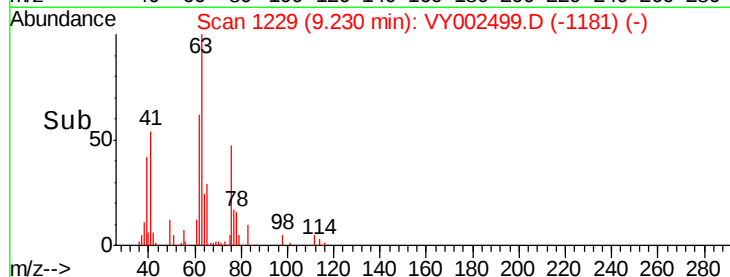
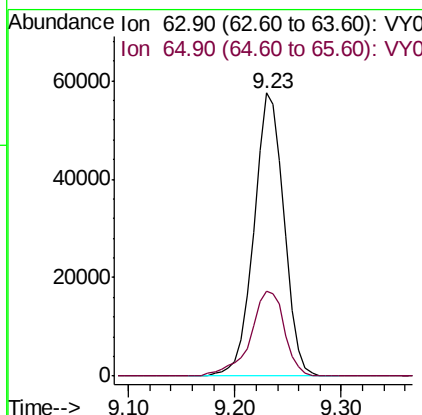
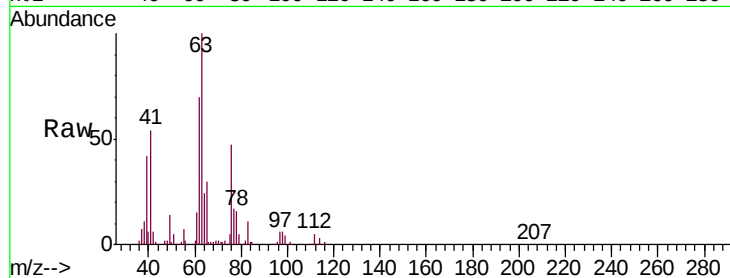




#45
 1,2-Dichloropropane
 Concen: 47.603 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY002499.D
 Acq: 29 Apr 2020 10:38

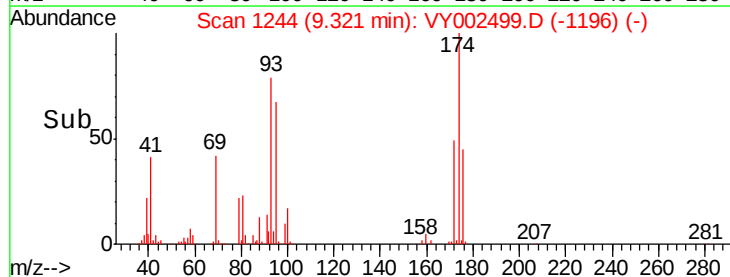
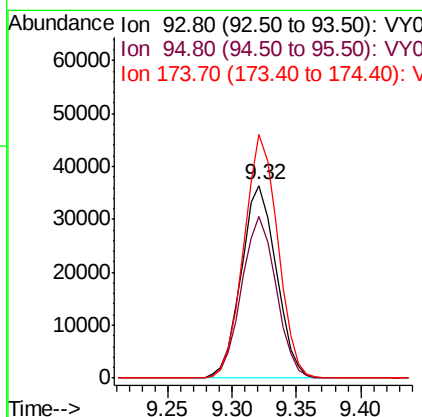
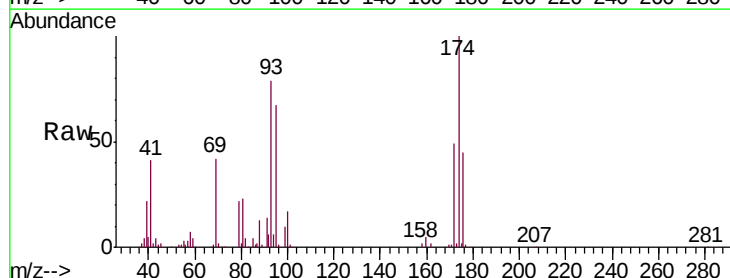
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

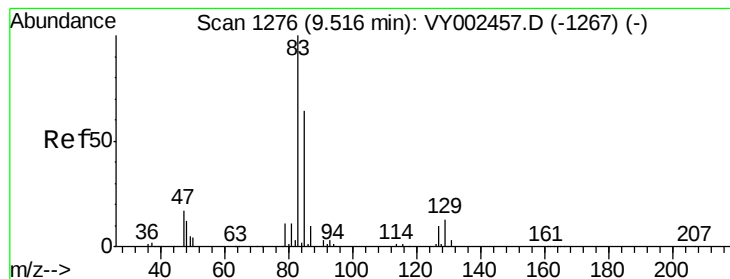
Tgt Ion: 63 Resp: 114004
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.4 35.0



#46
 Dibromomethane
 Concen: 48.806 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: VY002499.D
 Acq: 29 Apr 2020 10:38

Tgt Ion: 93 Resp: 68385
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.4 98.0
 174 122.7 94.8 142.2





#47

Bromodichloromethane

Concen: 51.043 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

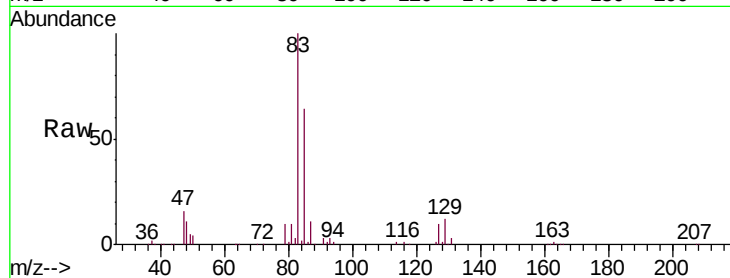
Tgt Ion: 83 Resp: 178853

Ion Ratio Lower Upper

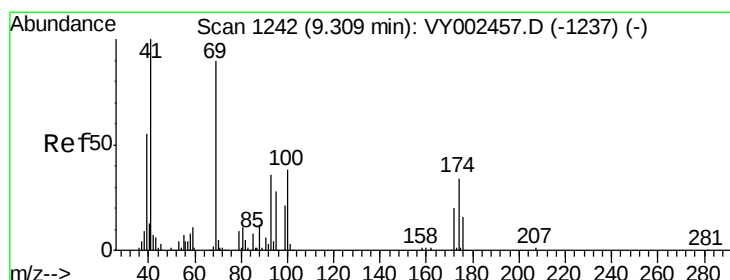
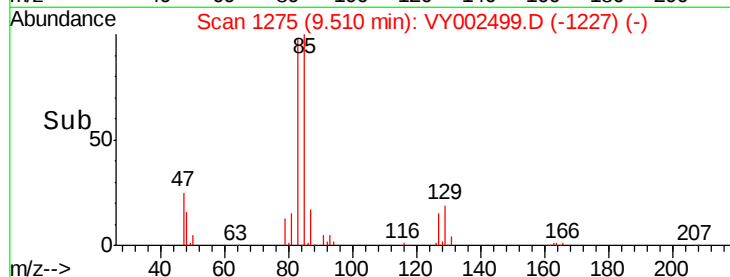
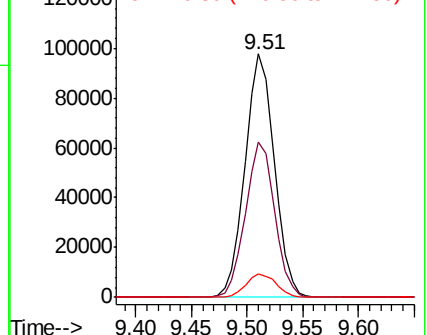
83 100

85 63.6 51.2 76.8

127 9.7 7.7 11.5



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: 45.485 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

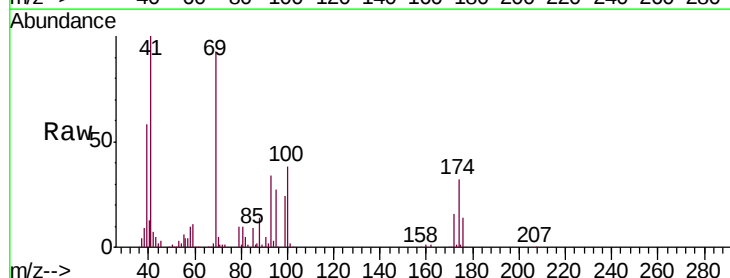
Tgt Ion: 41 Resp: 70144

Ion Ratio Lower Upper

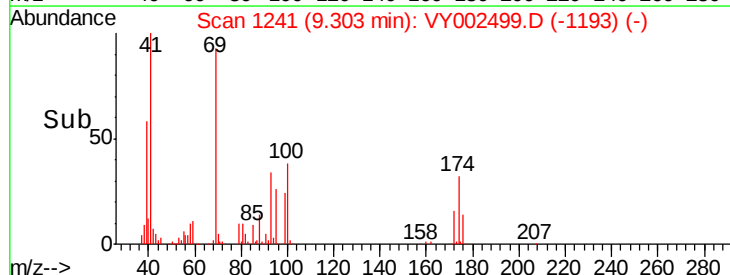
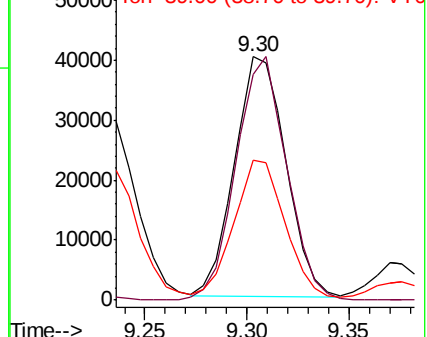
41 100

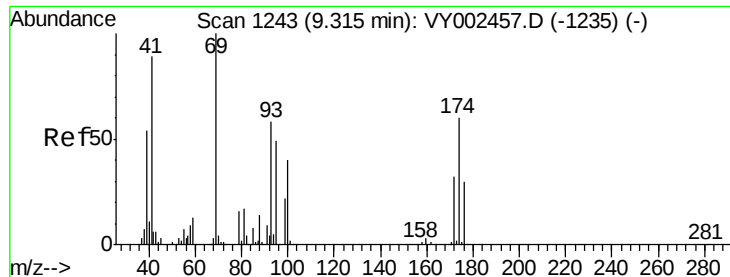
69 100.0 77.9 116.9

39 59.1 47.9 71.9



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

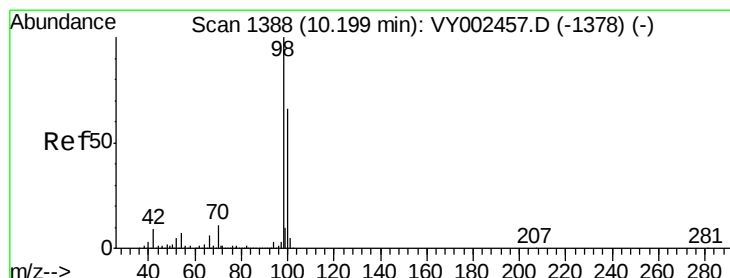
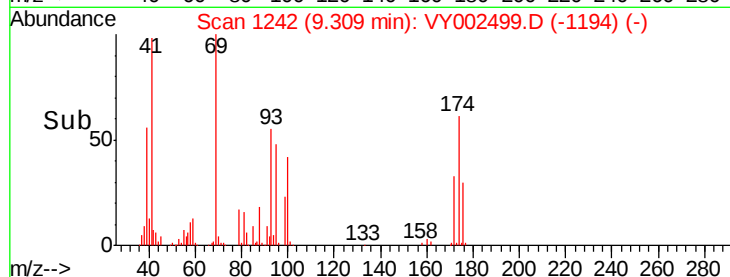
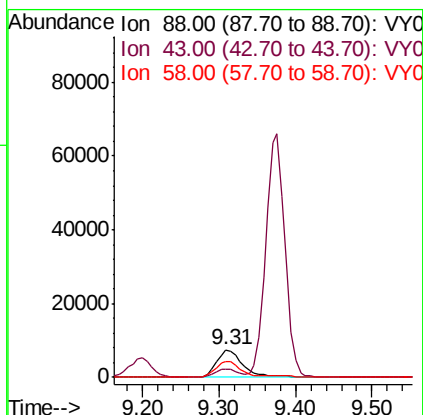
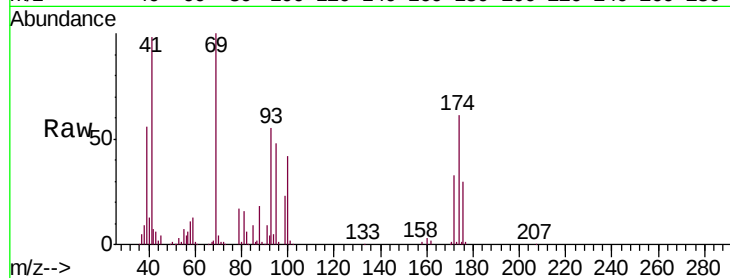




#49
1,4-Dioxane
Concen: 1020.577 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

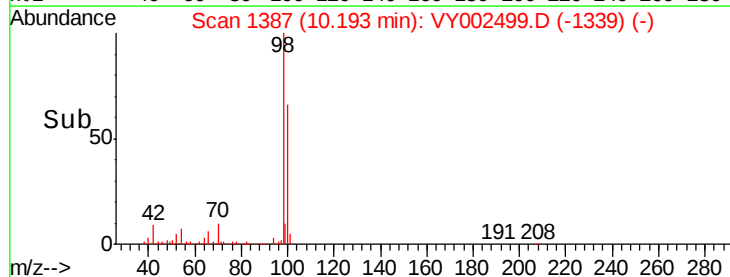
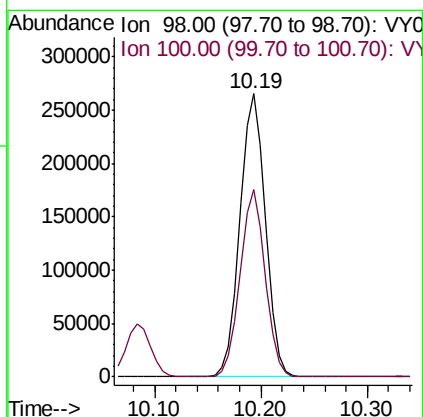
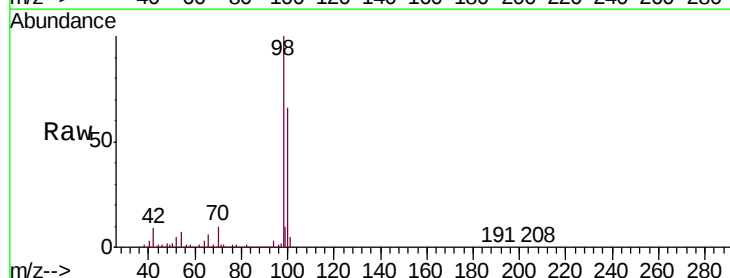
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

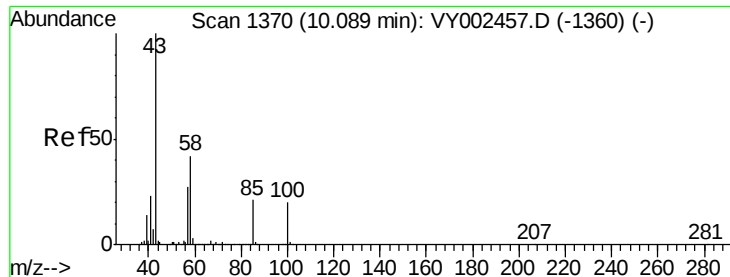
Tgt Ion: 88 Resp: 18224
Ion Ratio Lower Upper
88 100
43 26.9 22.9 34.3
58 60.8 49.5 74.3



#50
Toluene-d8
Concen: 47.020 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

Tgt Ion: 98 Resp: 446948
Ion Ratio Lower Upper
98 100
100 64.9 51.1 76.7

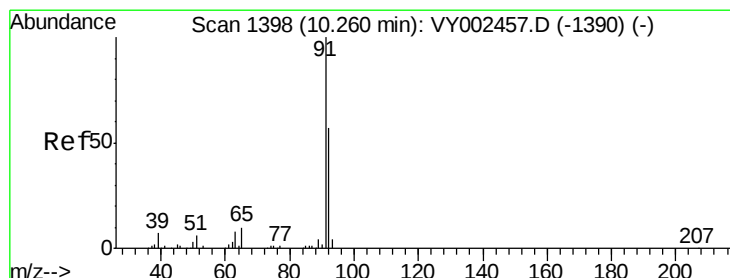
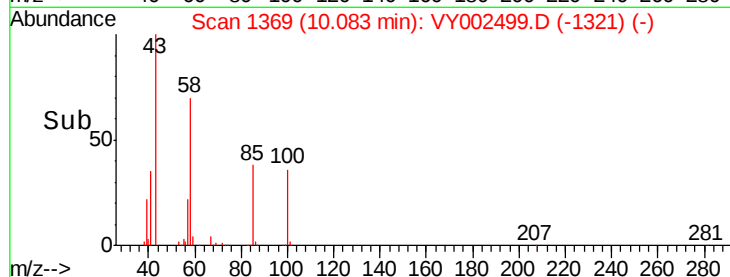
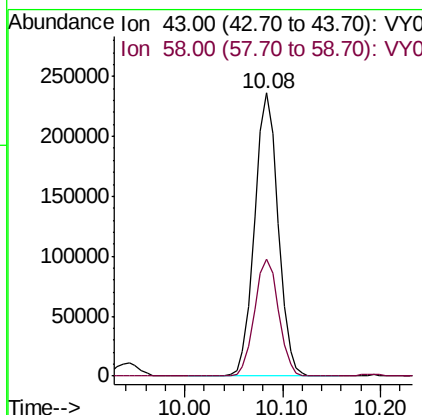
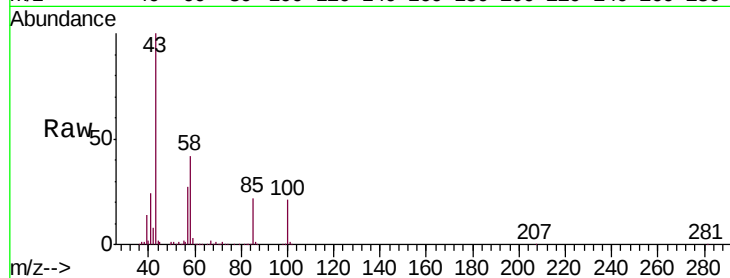




#51
 4-Methyl-2-Pentanone
 Concen: 224.843 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: VY002499.D
 Acq: 29 Apr 2020 10:38

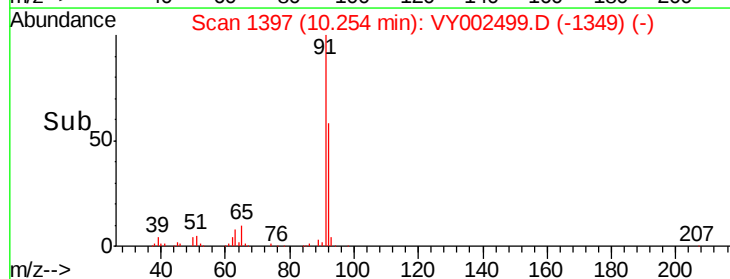
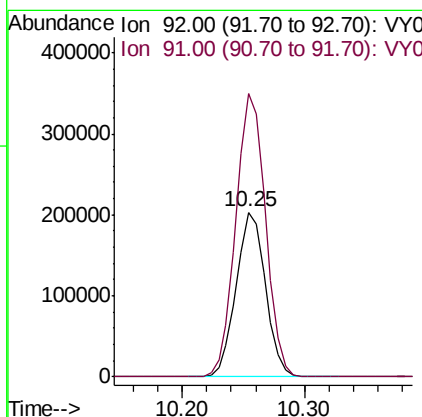
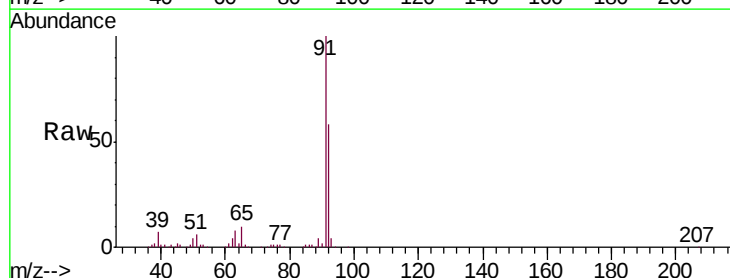
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

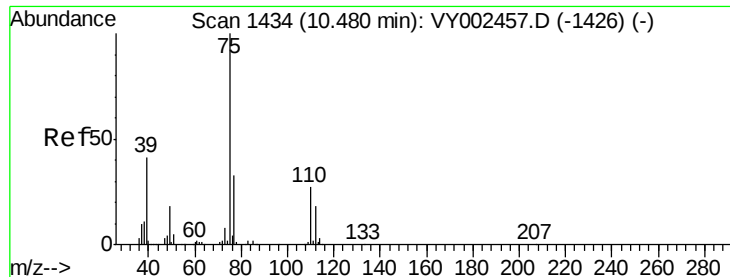
Tgt Ion: 43 Resp: 394517
 Ion Ratio Lower Upper
 43 100
 58 42.3 33.2 49.8



#52
 Toluene
 Concen: 50.344 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VY002499.D
 Acq: 29 Apr 2020 10:38

Tgt Ion: 92 Resp: 336746
 Ion Ratio Lower Upper
 92 100
 91 174.8 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 50.585 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Instrument :

MSVOA_Y

ClientSampleId :

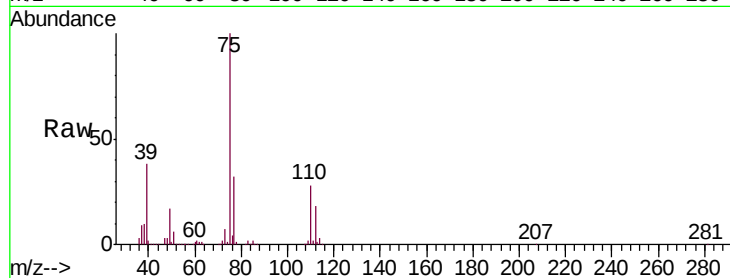
VSTDCCC050

Tgt Ion: 75 Resp: 186142

Ion Ratio Lower Upper

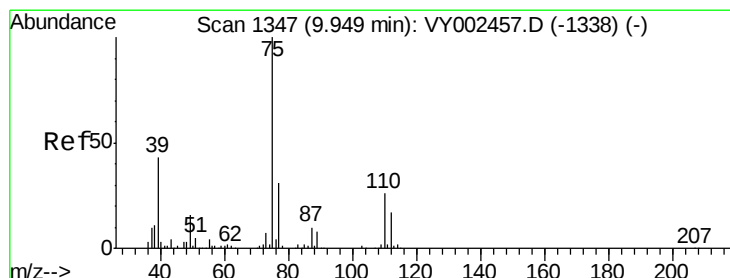
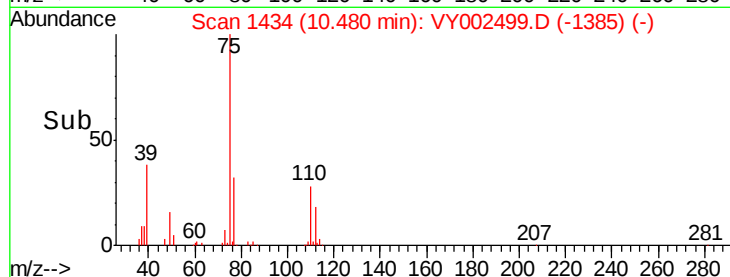
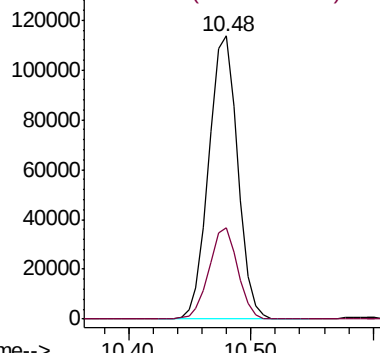
75 100

77 32.3 26.4 39.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 50.142 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. -0.01 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

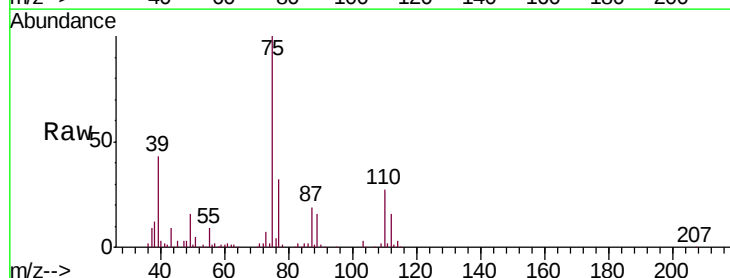
Tgt Ion: 75 Resp: 211186

Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8

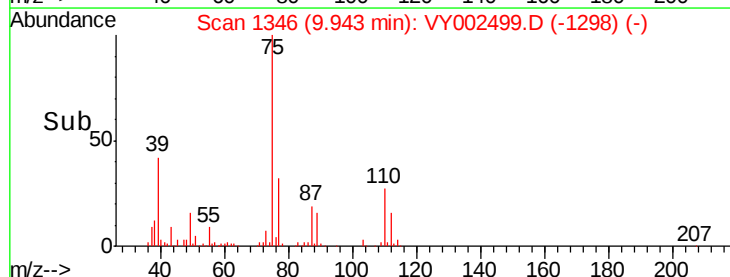
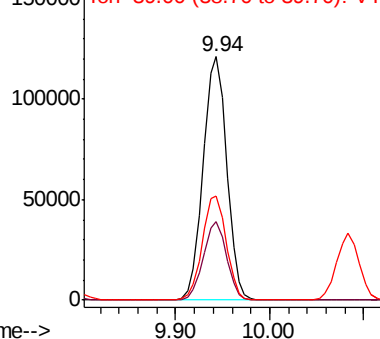
39 42.5 34.2 51.2

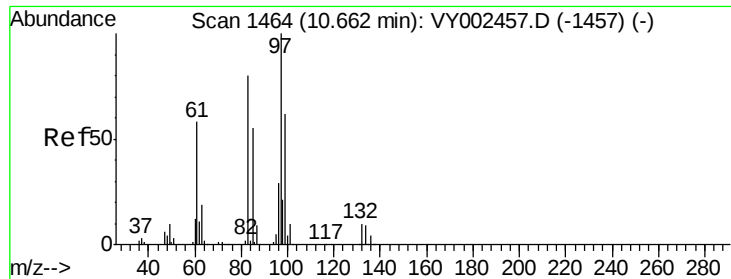


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

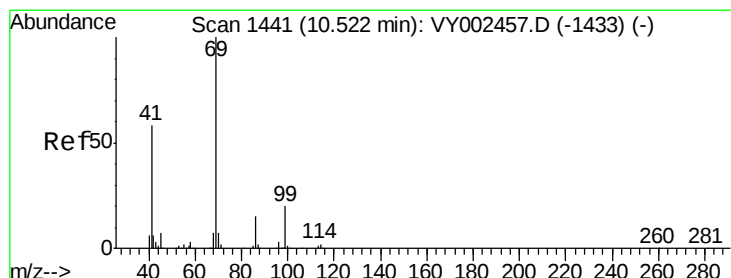
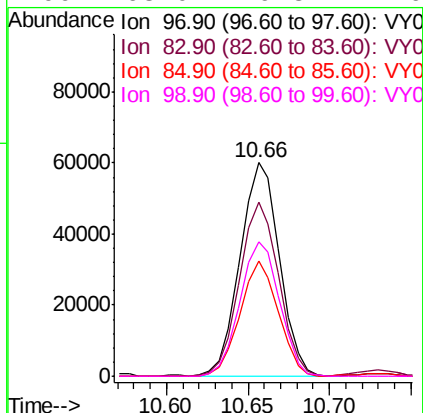
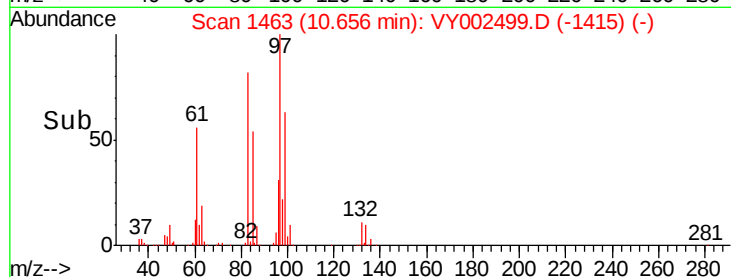
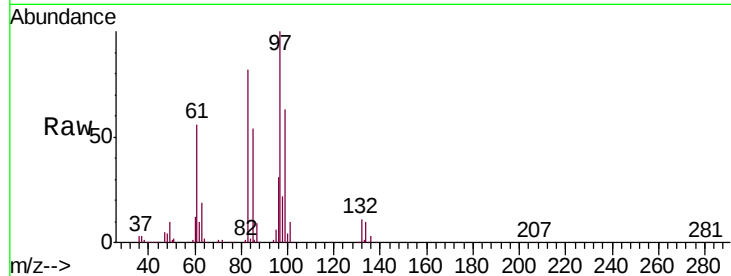




#55
 1,1,2-Trichloroethane
 Concen: 48.851 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: VY002499.D
 Acq: 29 Apr 2020 10:38

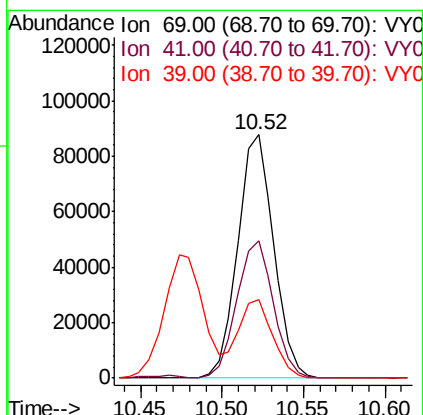
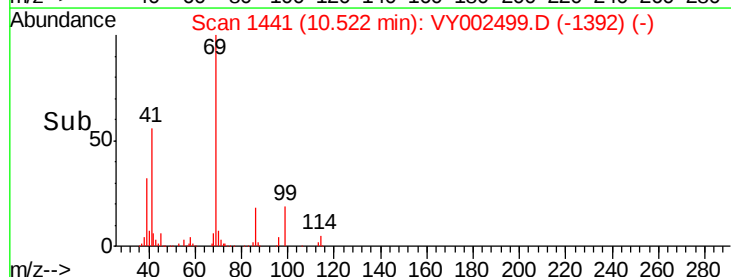
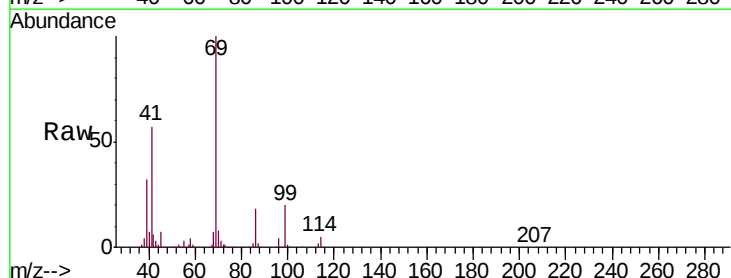
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

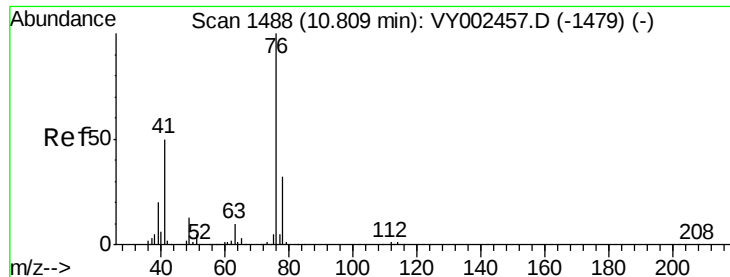
Tgt Ion:	97	Resp:	101204
Ion	Ratio	Lower	Upper
97	100		
83	81.6	63.8	95.8
85	54.0	43.9	65.9
99	63.0	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 47.538 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY002499.D
 Acq: 29 Apr 2020 10:38

Tgt Ion:	69	Resp:	134569
Ion	Ratio	Lower	Upper
69	100		
41	57.5	47.5	71.3
39	32.2	25.7	38.5





#57

1,3-Dichloropropane

Concen: 47.582 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Instrument :

MSVOA_Y

ClientSampleId :

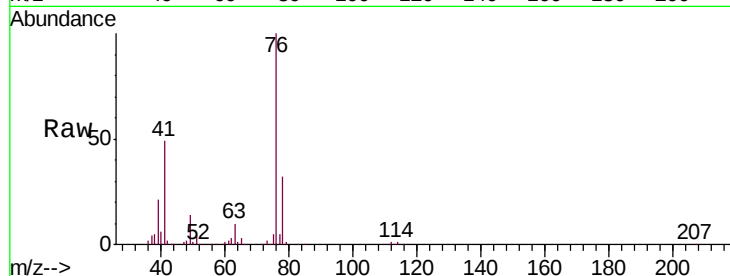
VSTDCCC050

Tgt Ion: 76 Resp: 166425

Ion Ratio Lower Upper

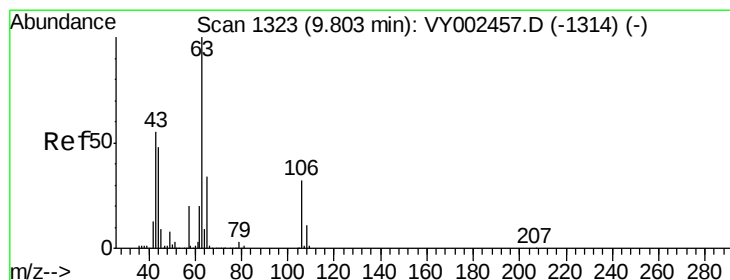
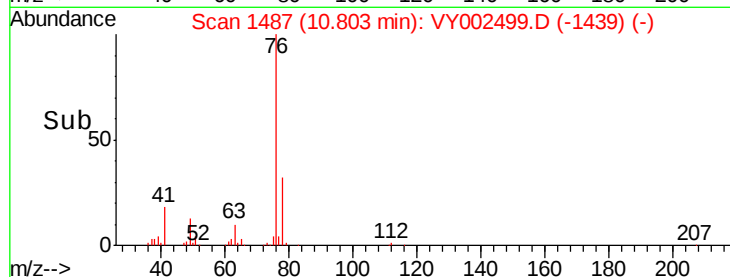
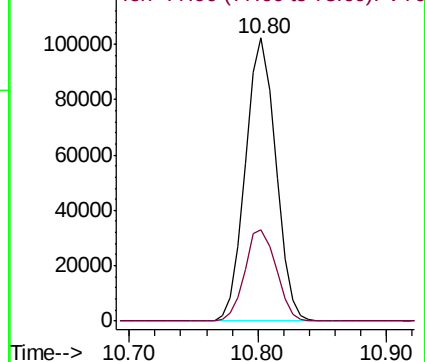
76 100

78 33.4 26.2 39.4



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: 227.518 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VY002499.D

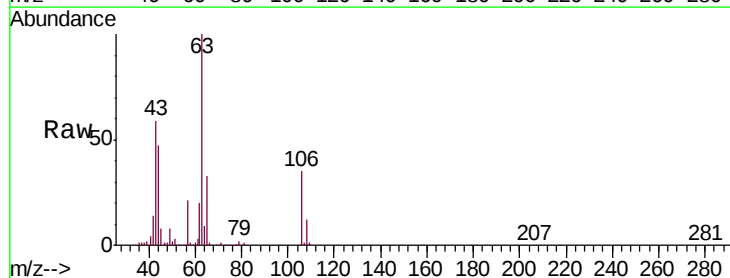
Acq: 29 Apr 2020 10:38

Tgt Ion: 63 Resp: 311447

Ion Ratio Lower Upper

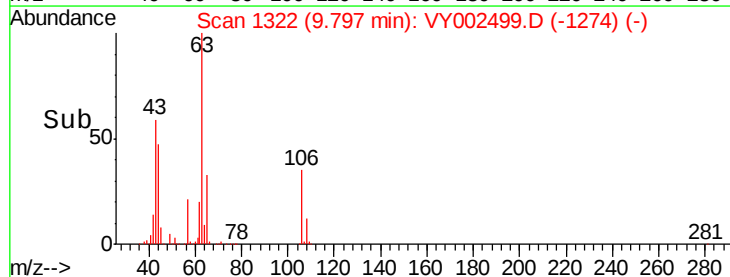
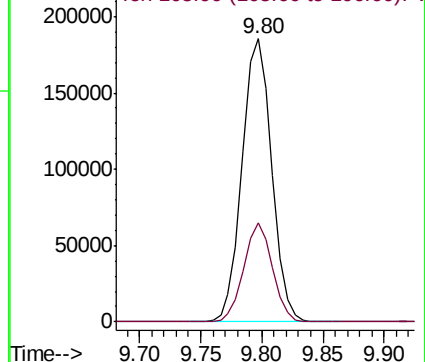
63 100

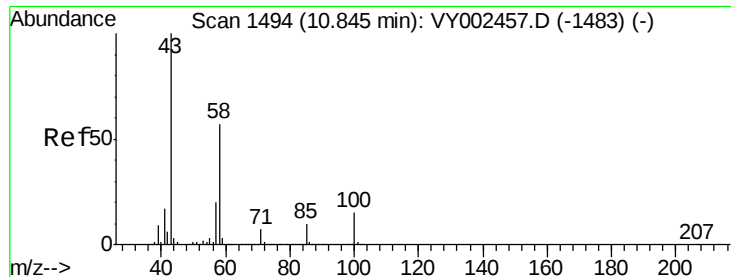
106 33.7 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

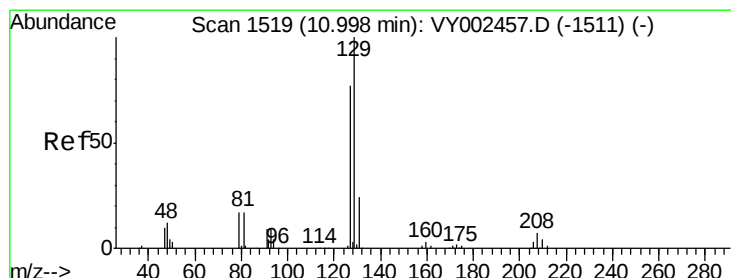
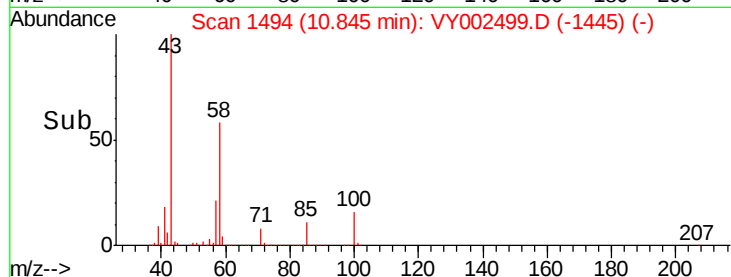
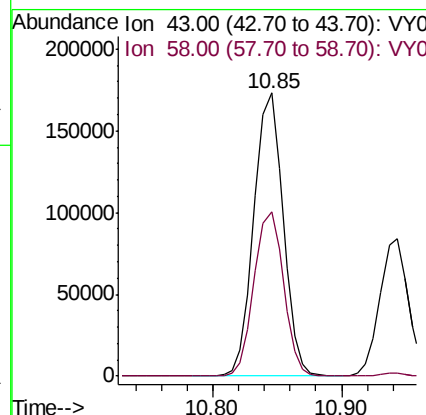
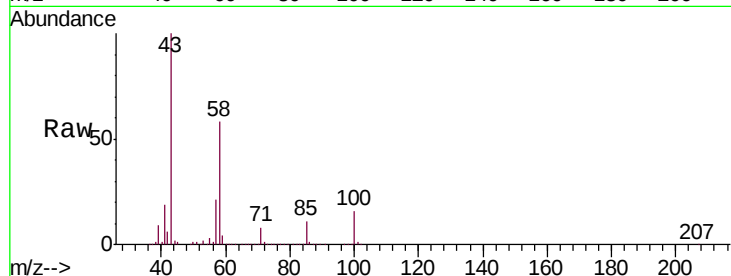




#59
2-Hexanone
Concen: 222.299 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

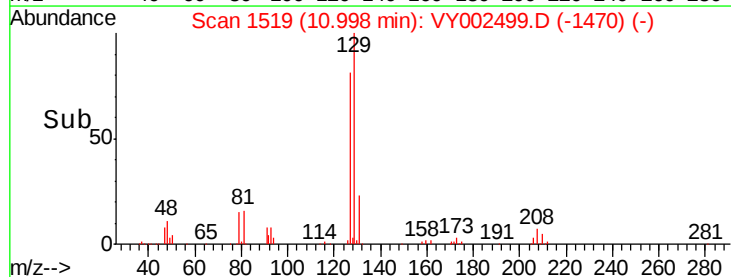
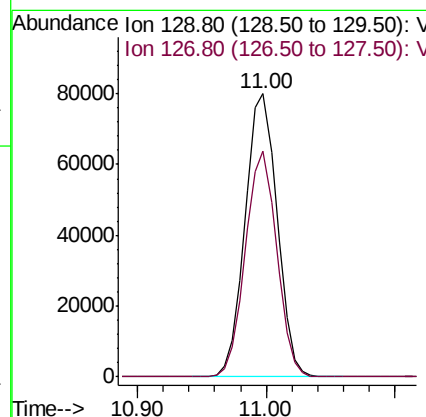
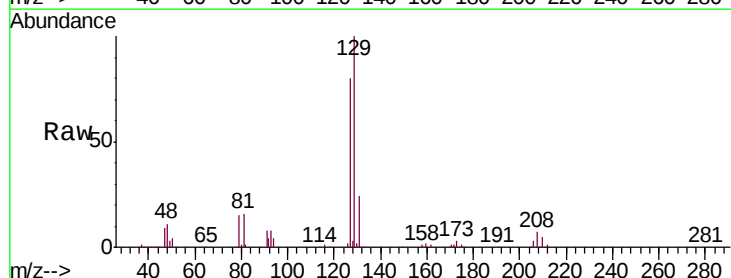
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

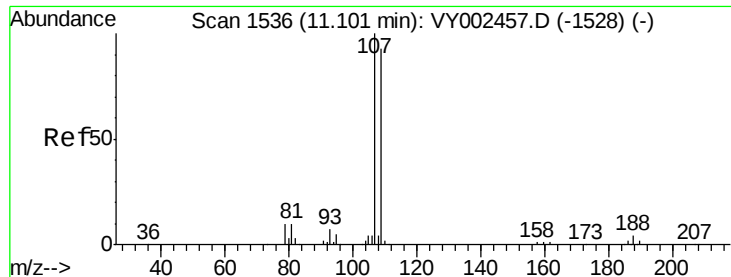
Tgt Ion: 43 Resp: 271882
Ion Ratio Lower Upper
43 100
58 58.7 28.8 86.4



#60
Dibromochloromethane
Concen: 50.512 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

Tgt Ion: 129 Resp: 137120
Ion Ratio Lower Upper
129 100
127 78.2 38.3 114.9

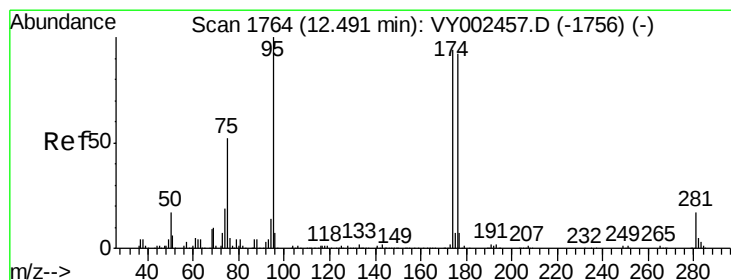
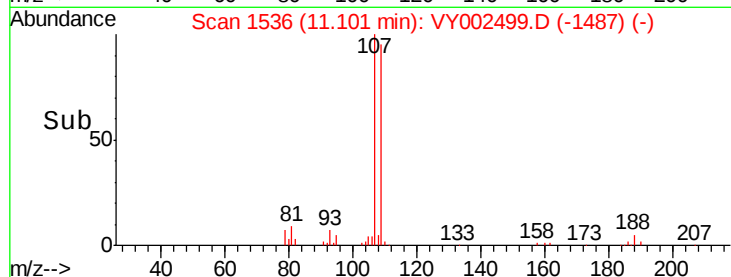
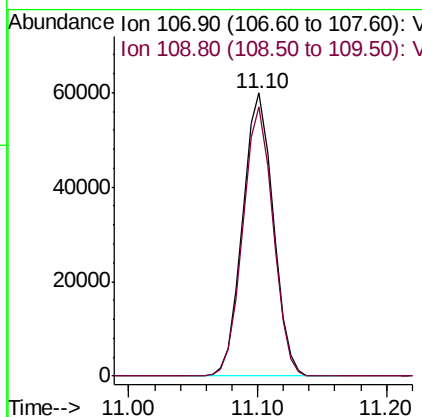
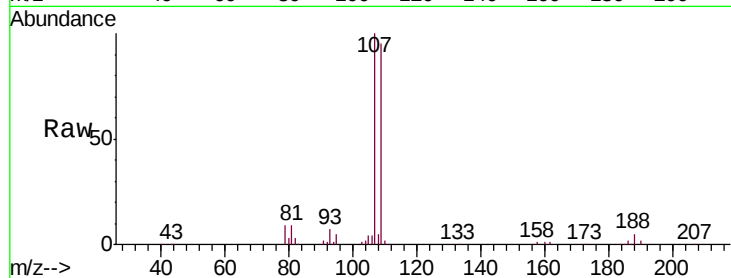




#61
1,2-Dibromoethane
Concen: 47.757 ug/l
RT: 11.10 min Scan# 1536
Delta R.T. 0.00 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

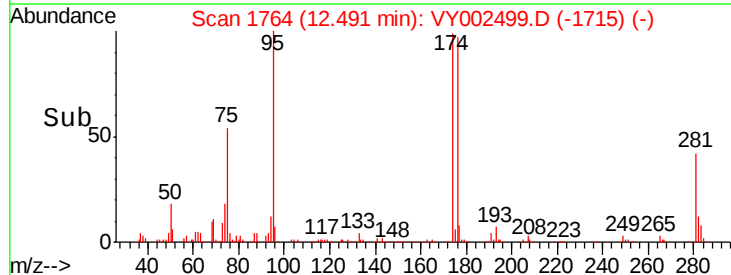
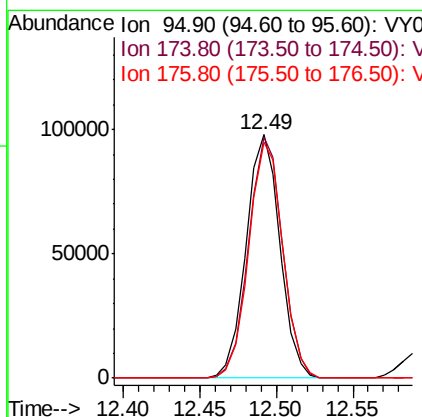
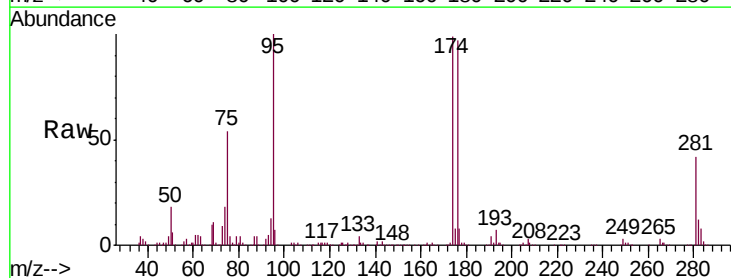
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

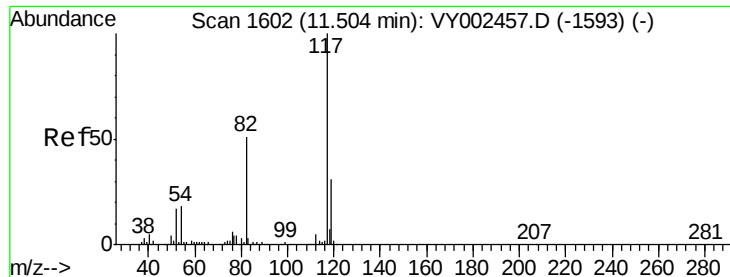
Tgt Ion: 107 Resp: 98109
Ion Ratio Lower Upper
107 100
109 94.0 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 47.111 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

Tgt Ion: 95 Resp: 150260
Ion Ratio Lower Upper
95 100
174 99.8 0.0 193.0
176 97.5 0.0 190.4

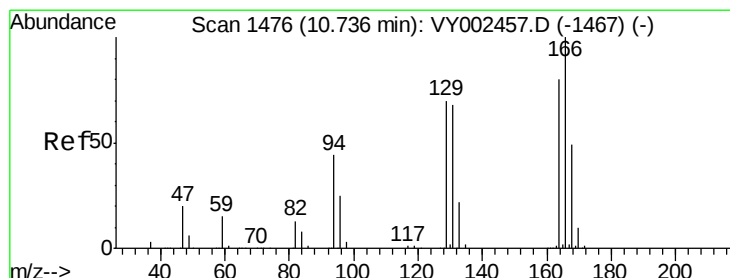
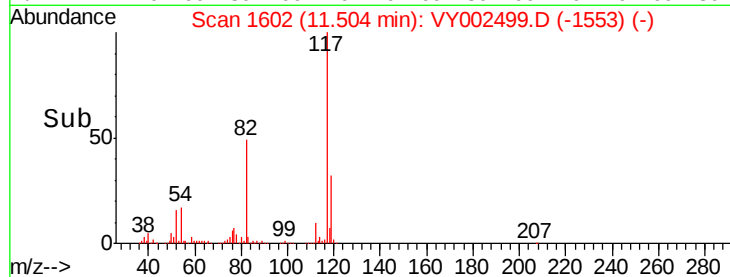
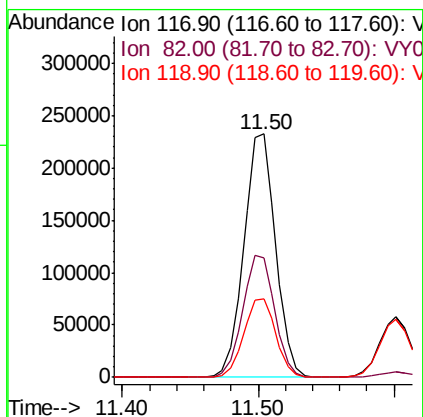
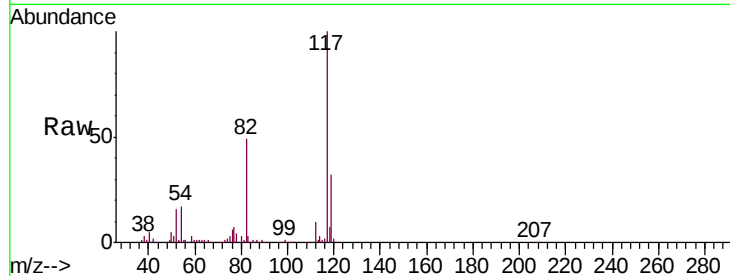




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

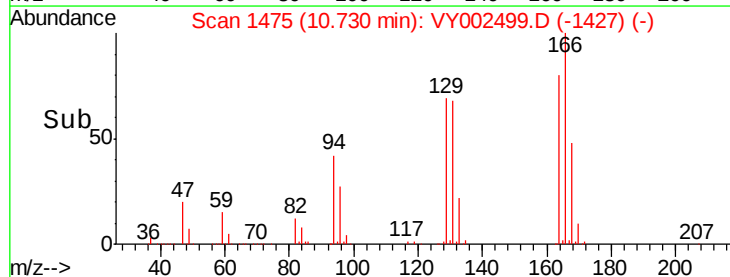
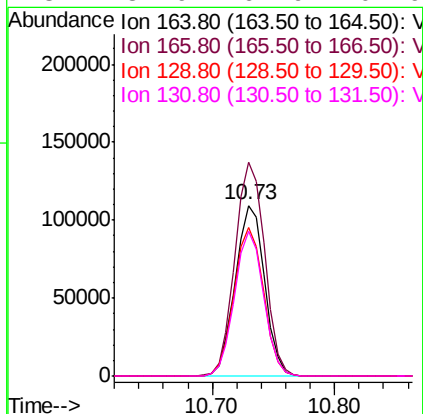
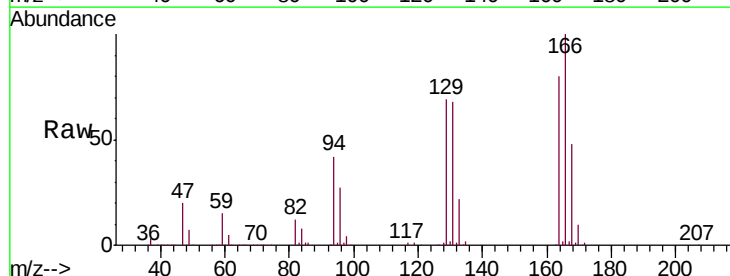
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

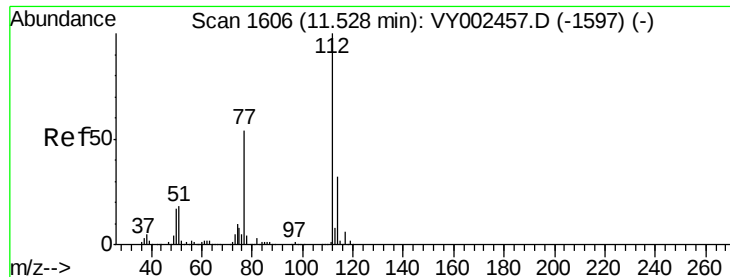
Tgt Ion:117 Resp: 378114
Ion Ratio Lower Upper
117 100
82 49.2 40.8 61.2
119 32.4 25.2 37.8



#64
Tetrachloroethene
Concen: 52.343 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.01 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

Tgt Ion:164 Resp: 181391
Ion Ratio Lower Upper
164 100
166 125.4 100.0 150.0
129 87.1 69.8 104.8
131 84.9 67.9 101.9

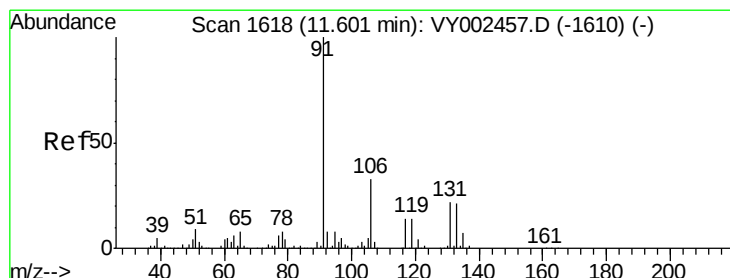
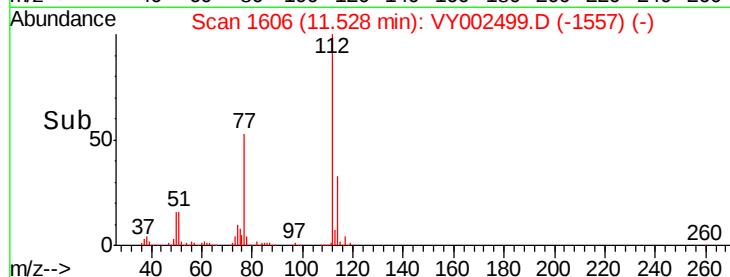
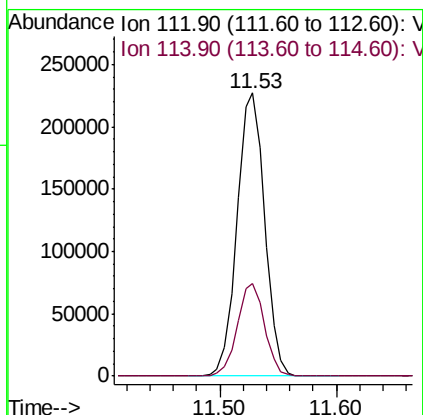
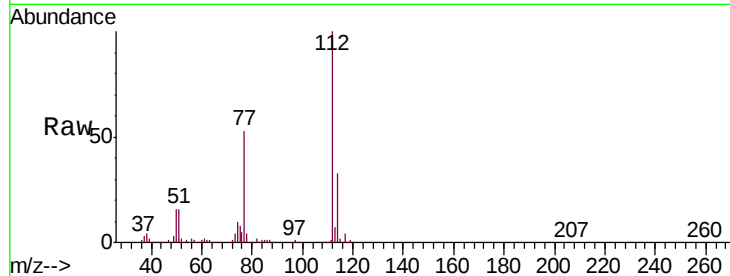




#65
Chlorobenzene
Concen: 51.400 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

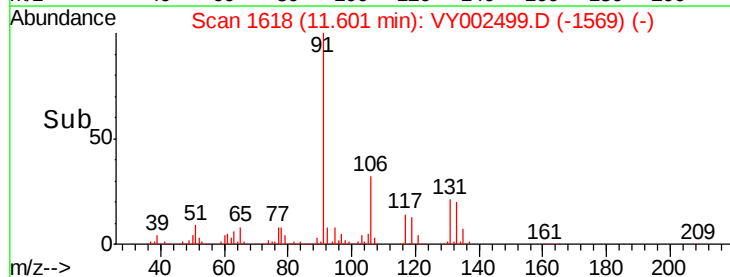
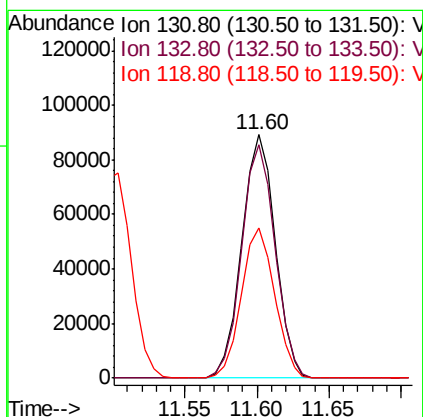
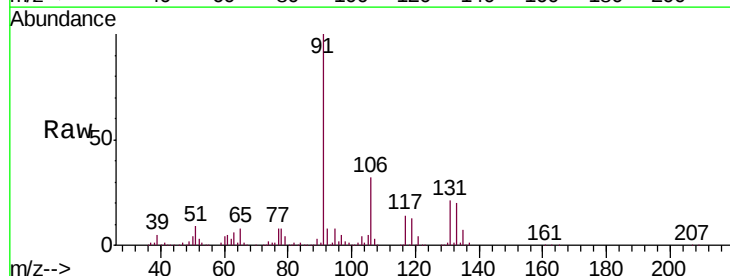
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

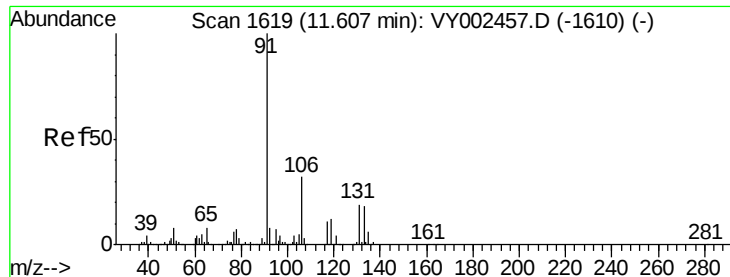
Tgt Ion:112 Resp: 374685
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.478 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

Tgt Ion:131 Resp: 143534
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.4
119 61.4 31.1 93.3

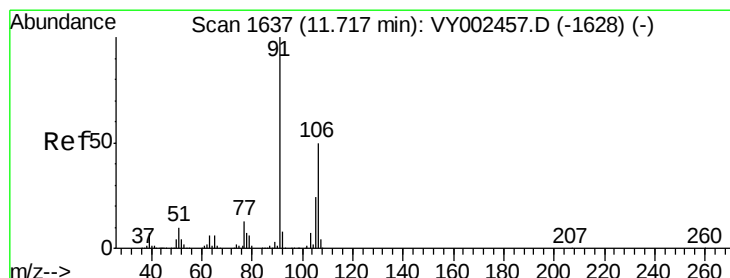
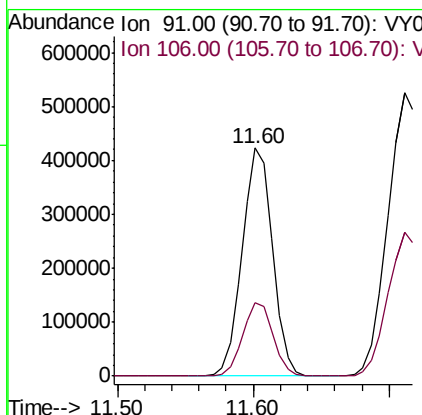
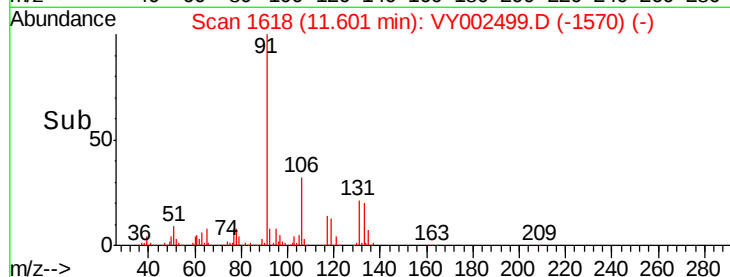
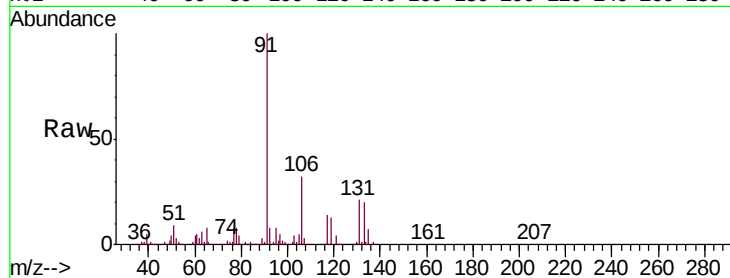




#67
Ethyl Benzene
Concen: 50.823 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

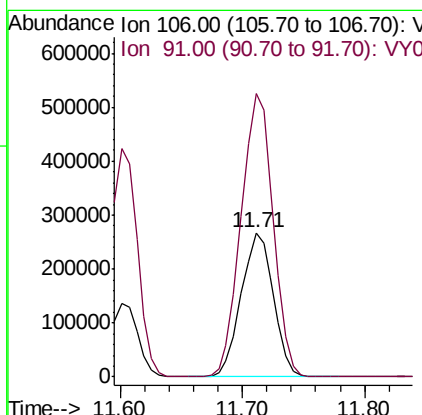
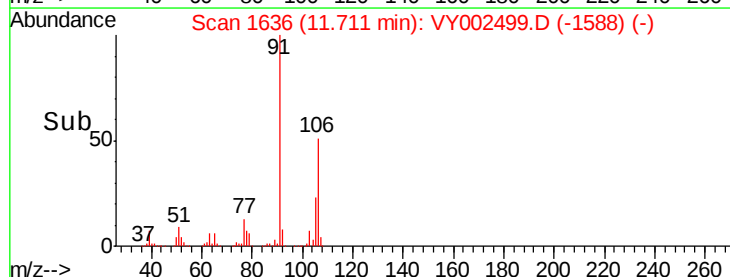
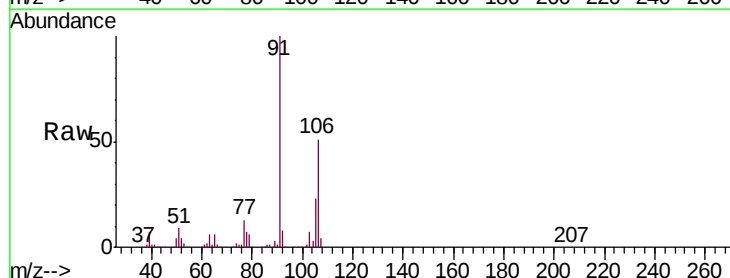
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

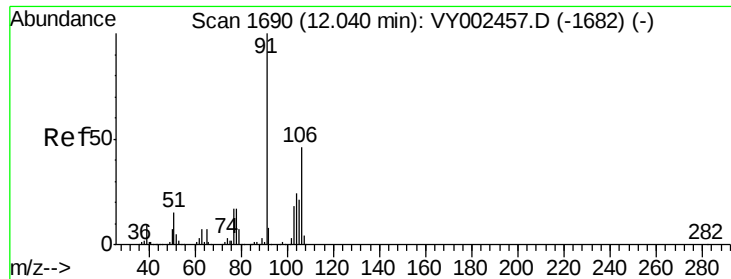
Tgt Ion: 91 Resp: 660272
Ion Ratio Lower Upper
91 100
106 32.0 25.8 38.6



#68
m/p-Xylenes
Concen: 97.712 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.01 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

Tgt Ion: 106 Resp: 488681
Ion Ratio Lower Upper
106 100
91 196.0 159.8 239.6

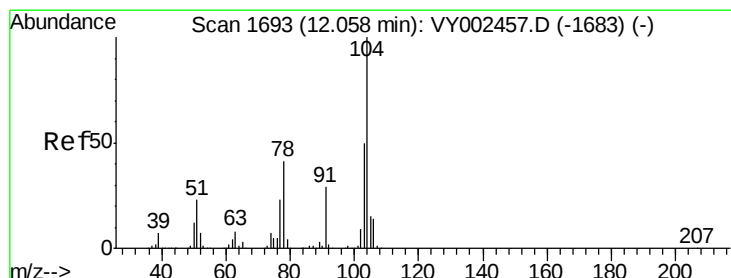
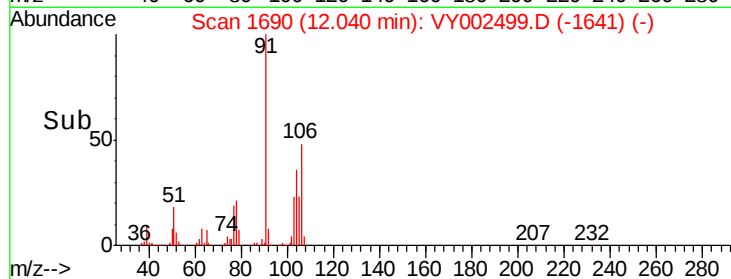
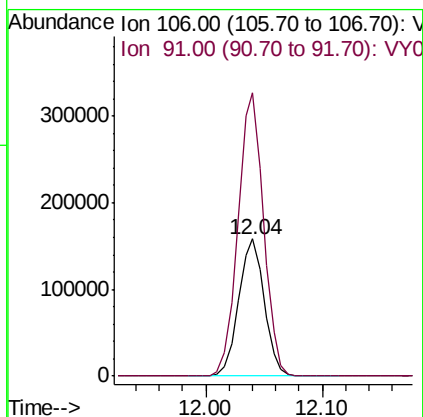
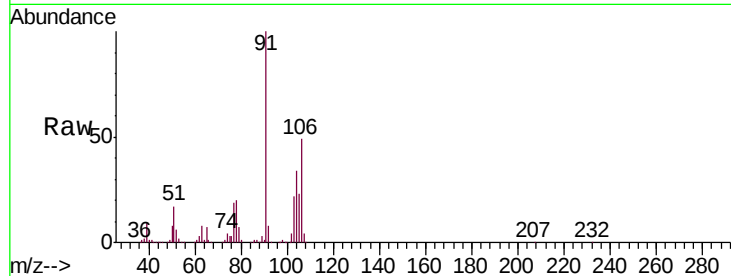




#69
o-Xylene
Concen: 52.298 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

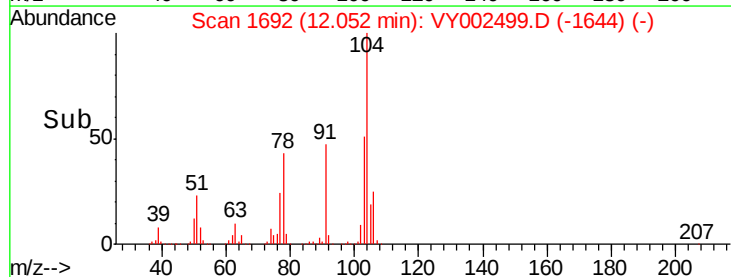
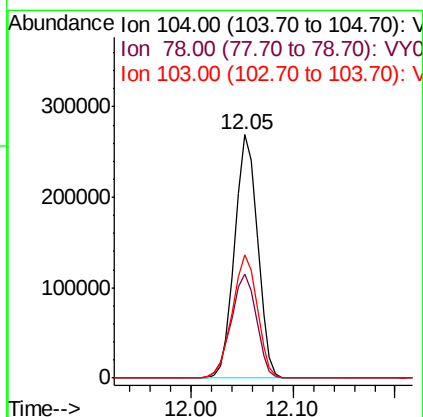
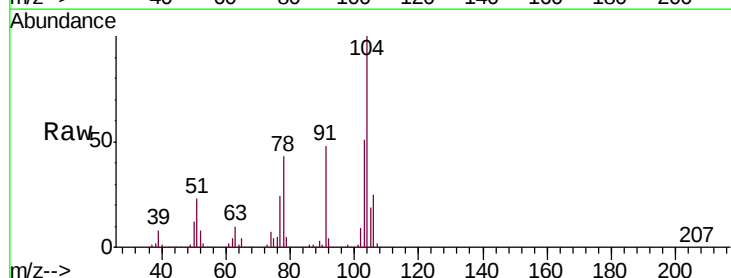
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

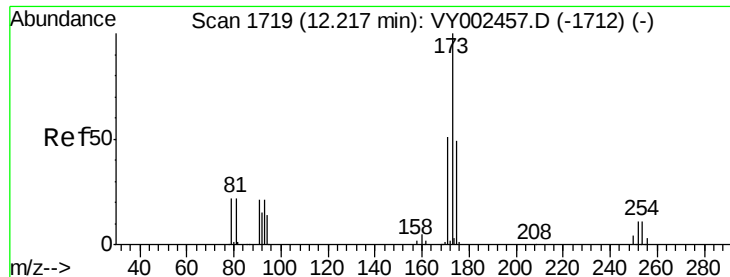
Tgt Ion:106 Resp: 242213
Ion Ratio Lower Upper
106 100
91 205.7 104.5 313.3



#70
Styrene
Concen: 51.750 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

Tgt Ion:104 Resp: 417322
Ion Ratio Lower Upper
104 100
78 47.3 38.0 57.0
103 55.2 44.4 66.6





#71

Bromoform

Concen: 51.198 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

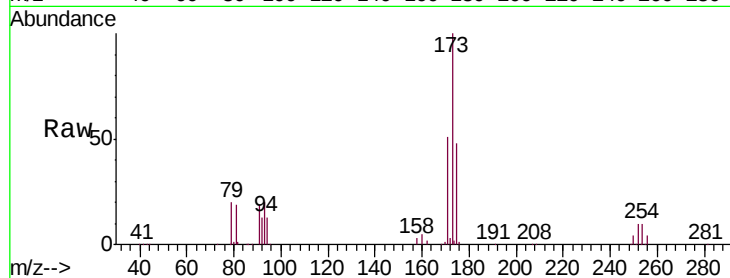
Tgt Ion:173 Resp: 88215

Ion Ratio Lower Upper

173 100

175 49.5 24.3 73.0

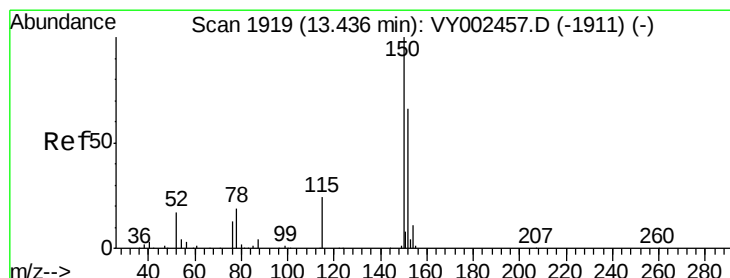
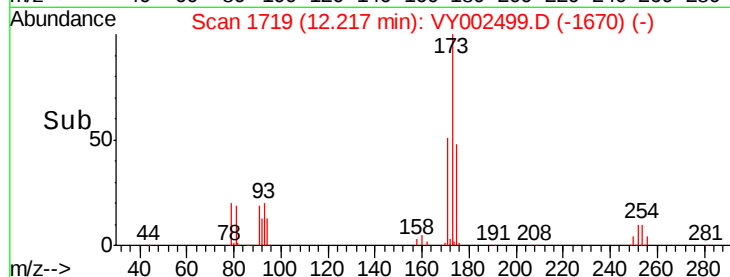
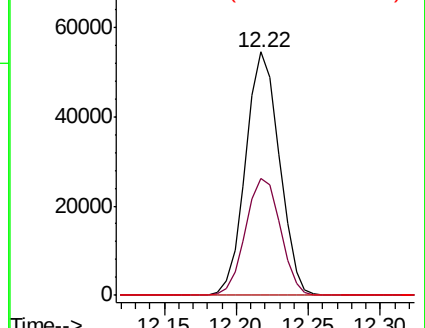
254 0.1 0.1 0.1#



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: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

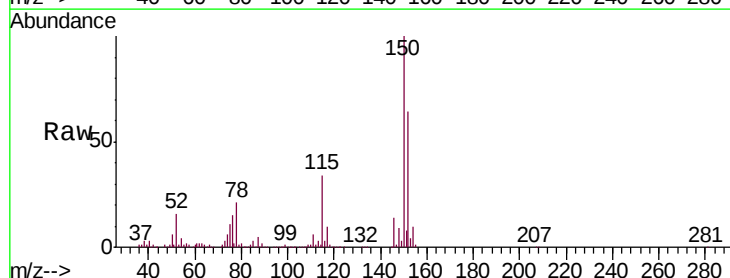
Tgt Ion:152 Resp: 198062

Ion Ratio Lower Upper

152 100

115 54.1 27.3 81.8

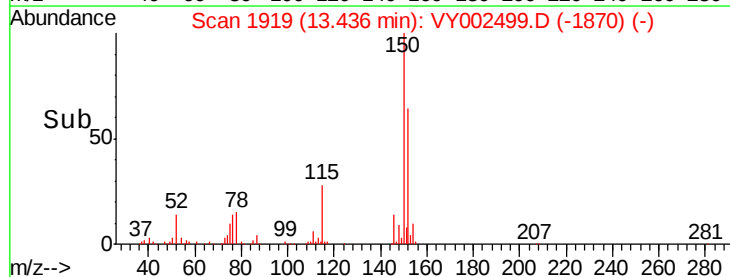
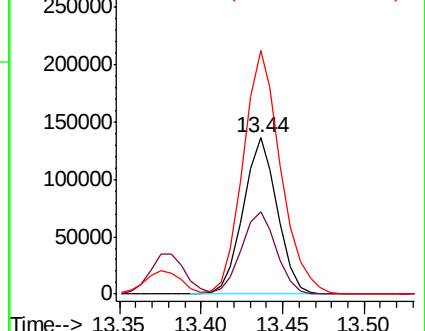
150 172.8 0.0 346.8

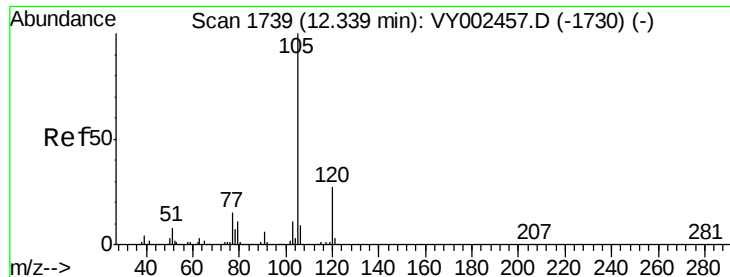


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

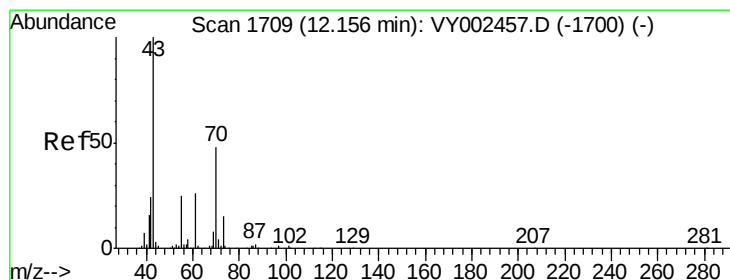
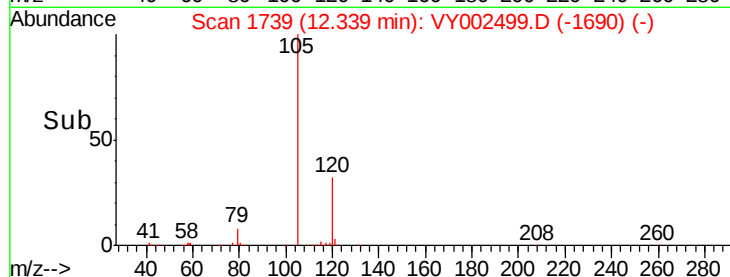
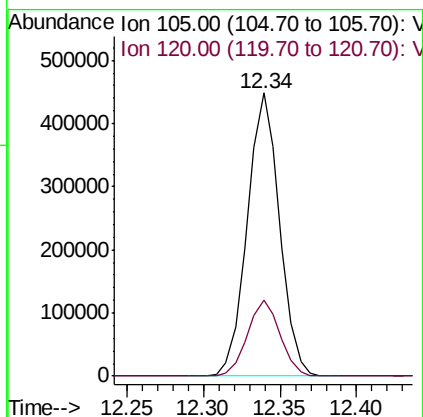
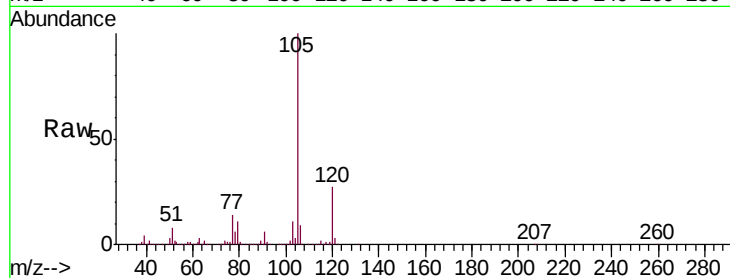




#73
Isopropylbenzene
Concen: 49.479 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

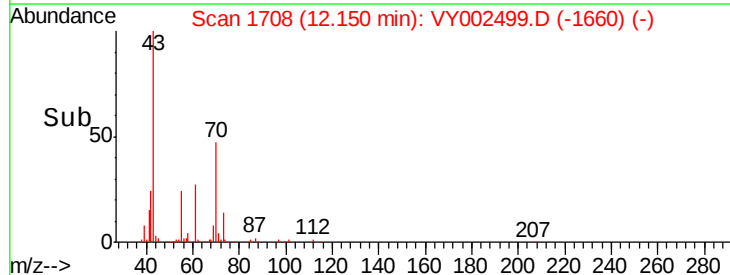
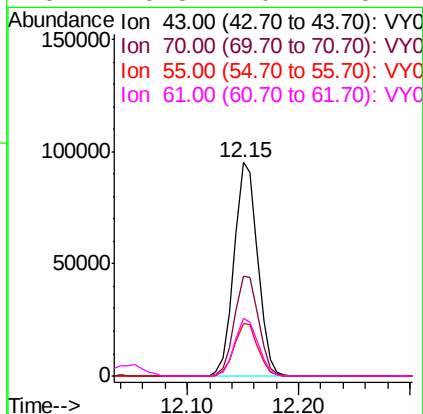
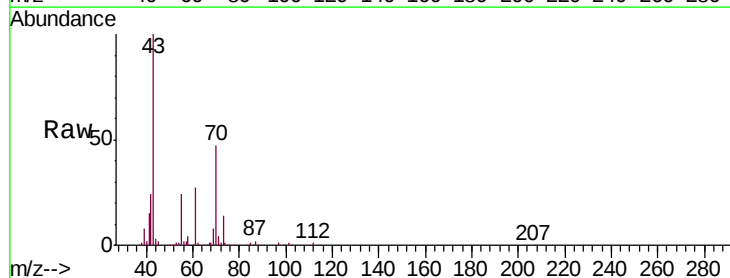
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

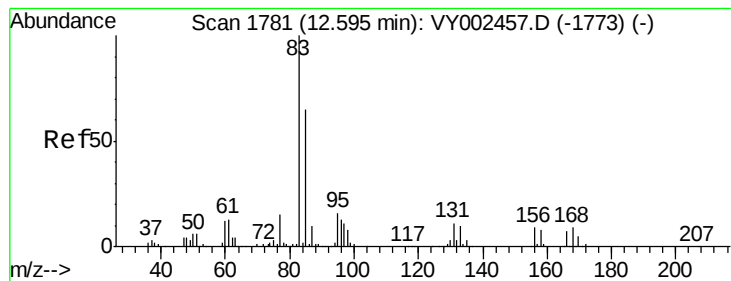
Tgt Ion: 105 Resp: 655172
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.7



#74
N-ethyl acetate
Concen: 44.511 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. -0.01 min
Lab File: VY002499.D
Acq: 29 Apr 2020 10:38

Tgt Ion: 43 Resp: 139664
Ion Ratio Lower Upper
43 100
70 48.0 37.2 55.8
55 24.8 19.6 29.4
61 26.8 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 45.553 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

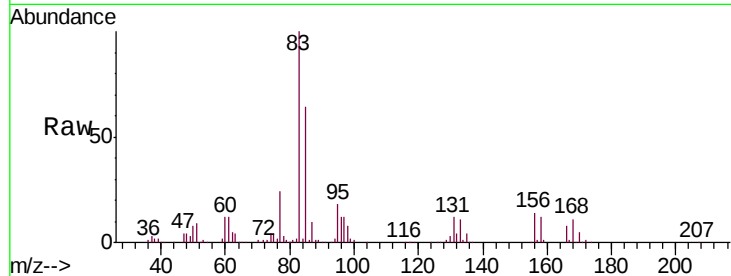
Tgt Ion: 83 Resp: 92639

Ion Ratio Lower Upper

83 100

131 12.8 6.2 18.6

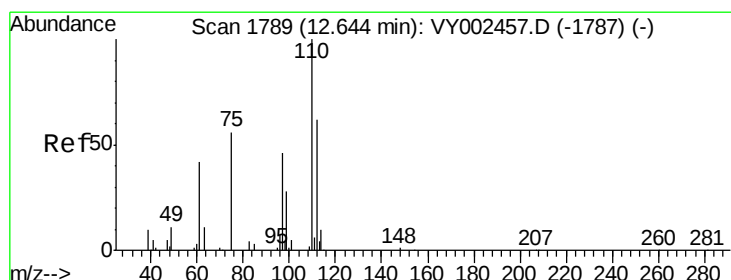
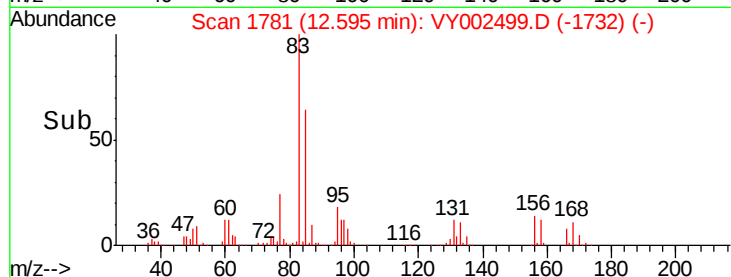
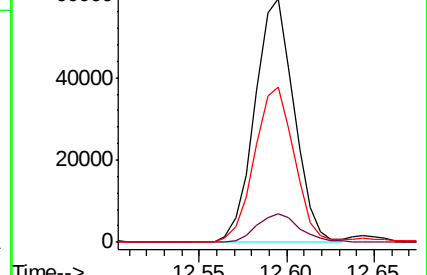
85 64.5 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VY002499.D (-1732) (-)

Ion 130.80 (130.50 to 131.50): VY002499.D (-1732) (-)

Ion 84.90 (84.60 to 85.60): VY002499.D (-1732) (-)



#76

1,2,3-Trichloropropane

Concen: 89.892 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY002499.D

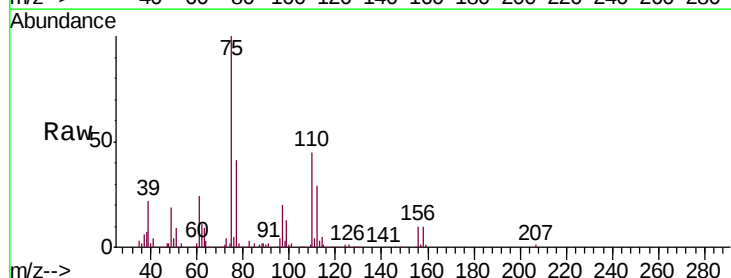
Acq: 29 Apr 2020 10:38

Tgt Ion: 75 Resp: 150900

Ion Ratio Lower Upper

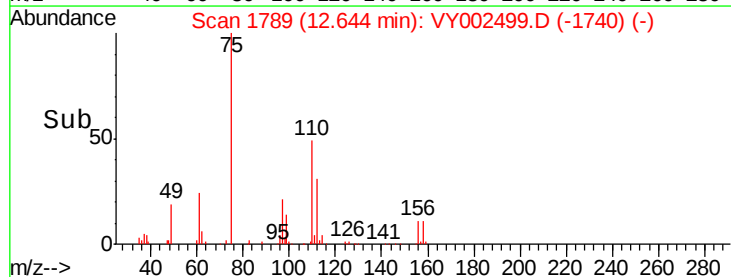
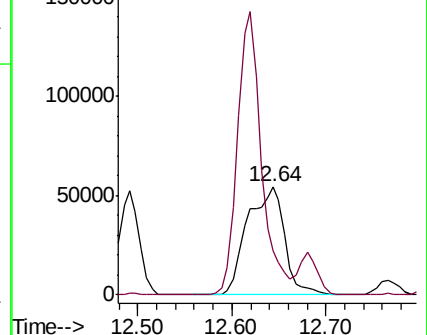
75 100

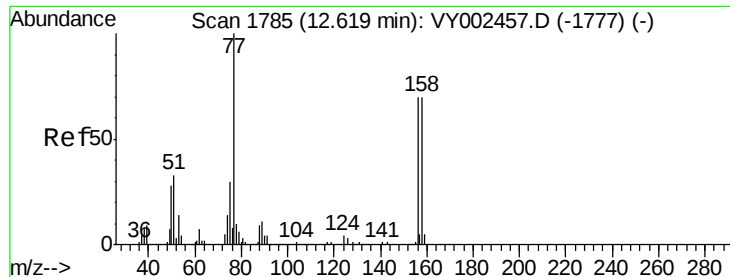
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002499.D (-1740) (-)

Ion 77.00 (76.70 to 77.70): VY002499.D (-1740) (-)





#77

Bromobenzene

Concen: 50.088 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

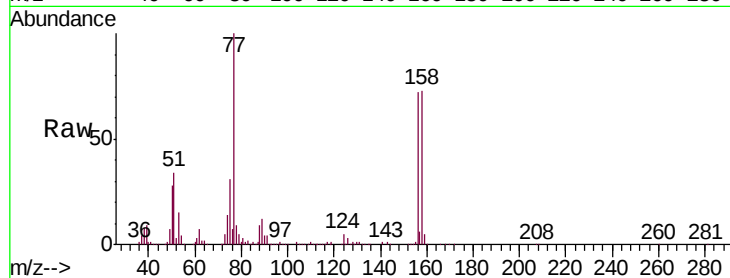
Tgt Ion:156 Resp: 166340

Ion Ratio Lower Upper

156 100

77 152.1 78.5 235.7

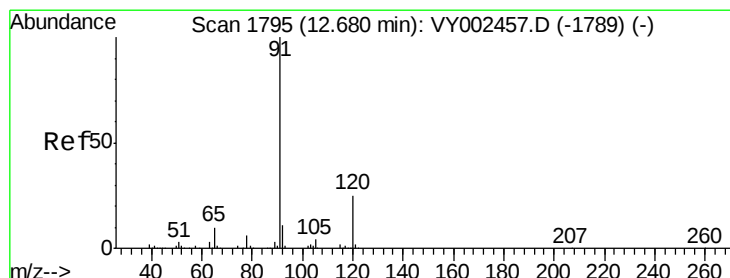
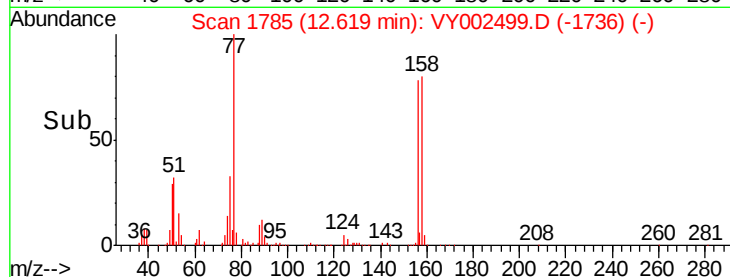
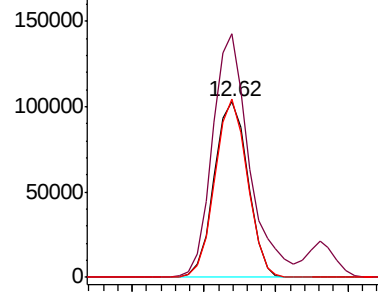
158 97.3 48.4 145.3



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: 49.741 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002499.D

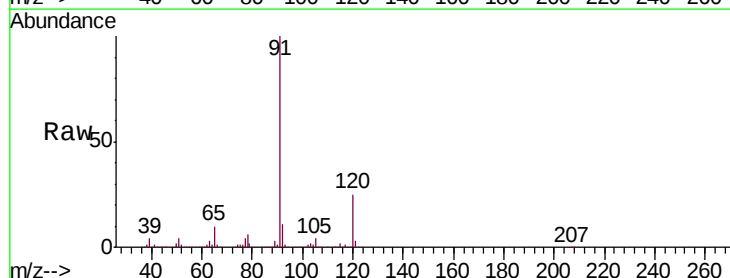
Acq: 29 Apr 2020 10:38

Tgt Ion: 91 Resp: 764724

Ion Ratio Lower Upper

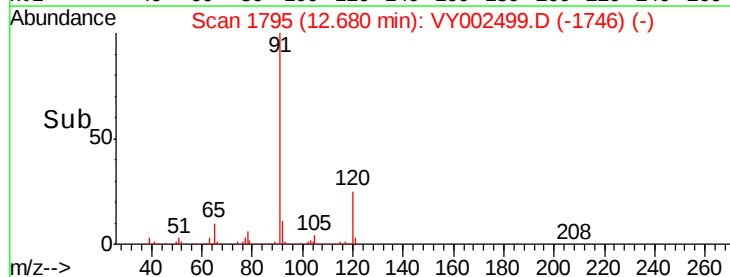
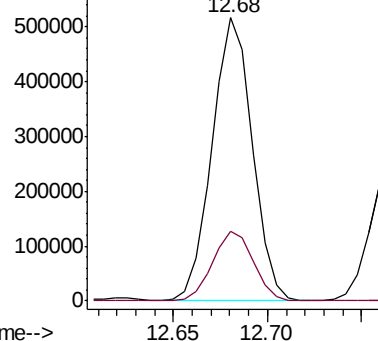
91 100

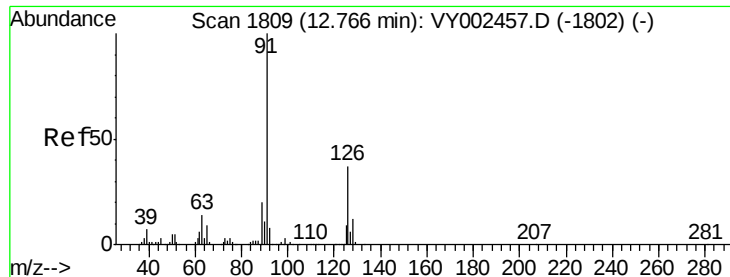
120 24.9 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

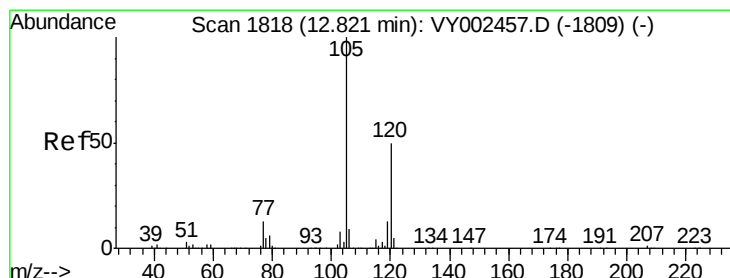
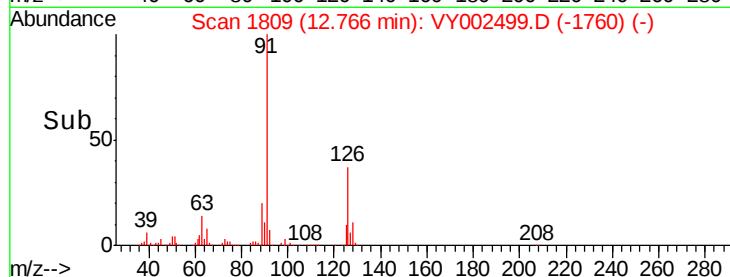
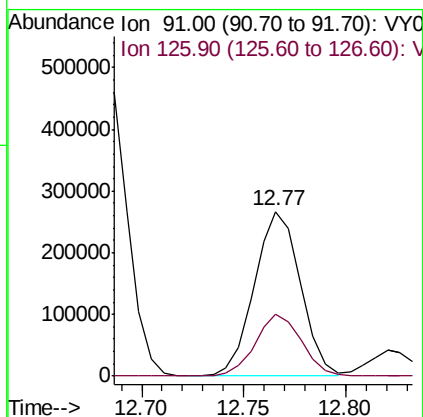
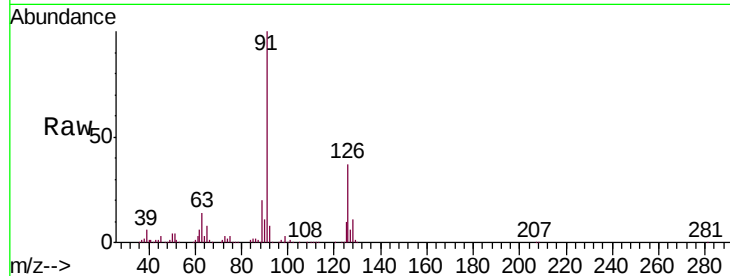




#79
 2-Chlorotoluene
 Concen: 49.913 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY002499.D
 Acq: 29 Apr 2020 10:38

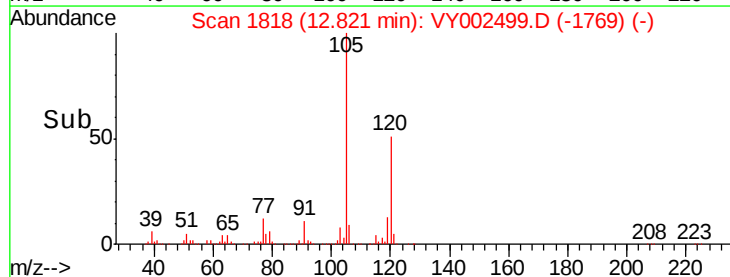
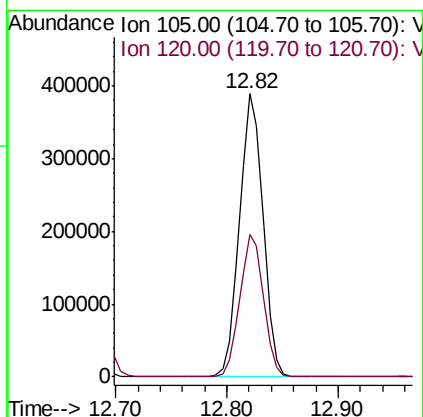
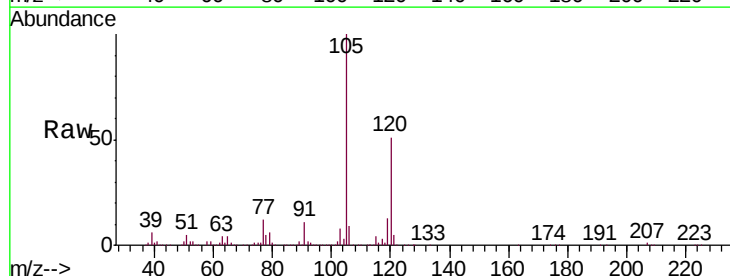
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

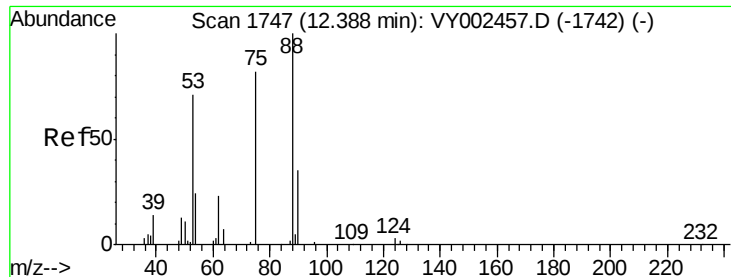
Tgt Ion: 91 Resp: 419906
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 50.555 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY002499.D
 Acq: 29 Apr 2020 10:38

Tgt Ion: 105 Resp: 568159
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 36.744 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

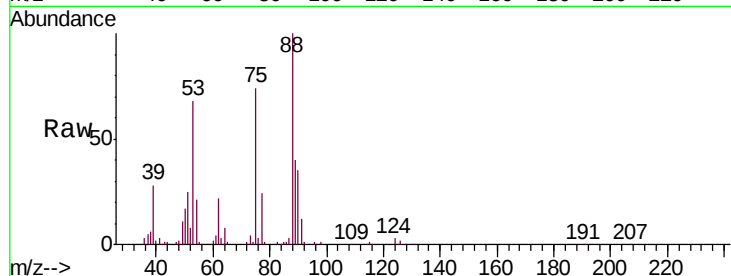
Tgt Ion: 75 Resp: 33333

Ion Ratio Lower Upper

75 100

53 94.3 70.0 105.0

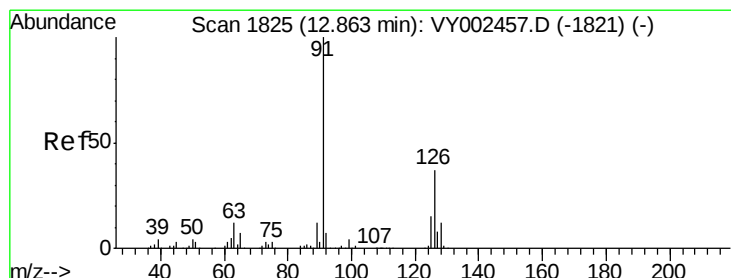
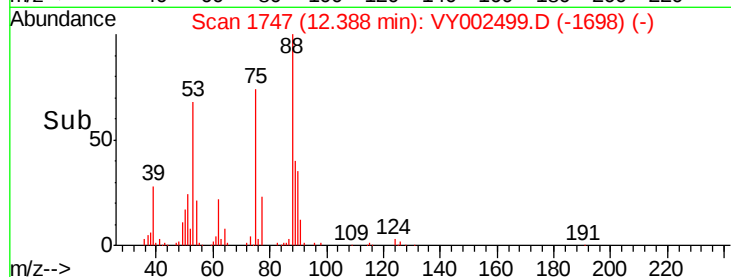
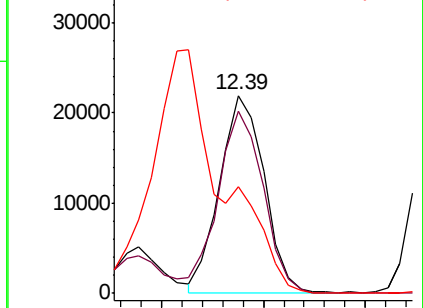
89 0.0 34.9 52.3#



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: 50.798 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002499.D

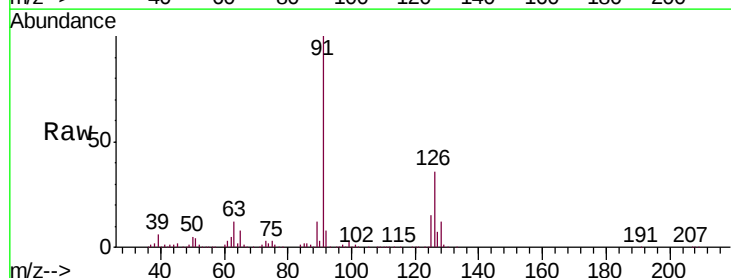
Acq: 29 Apr 2020 10:38

Tgt Ion: 91 Resp: 441683

Ion Ratio Lower Upper

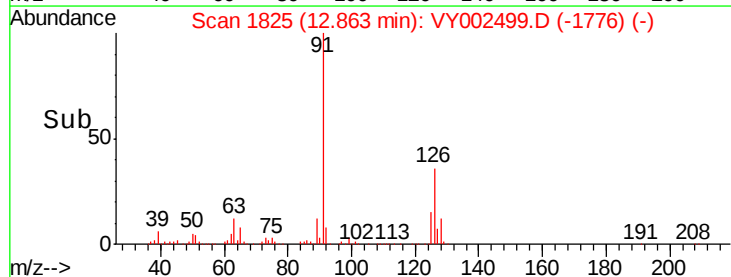
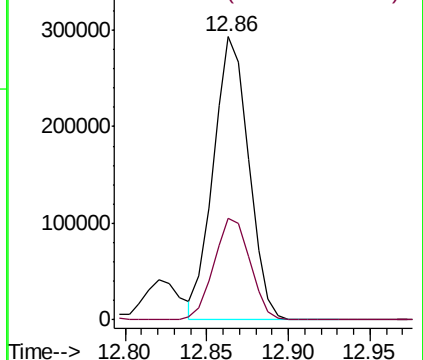
91 100

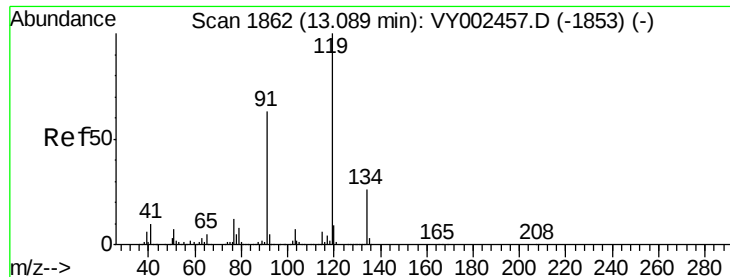
126 37.0 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

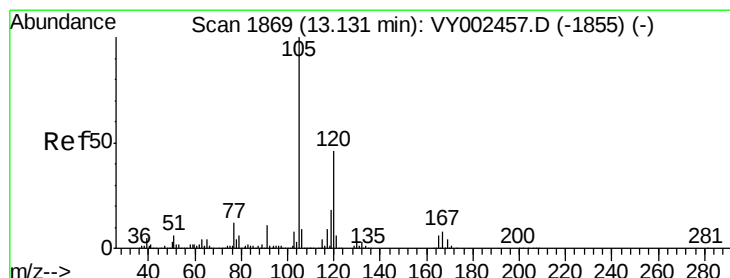
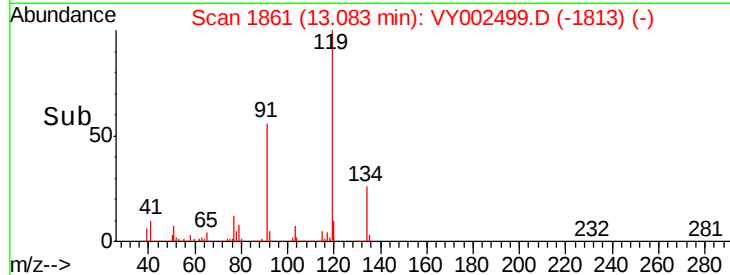
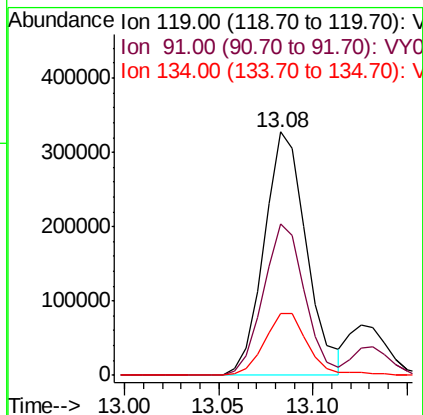
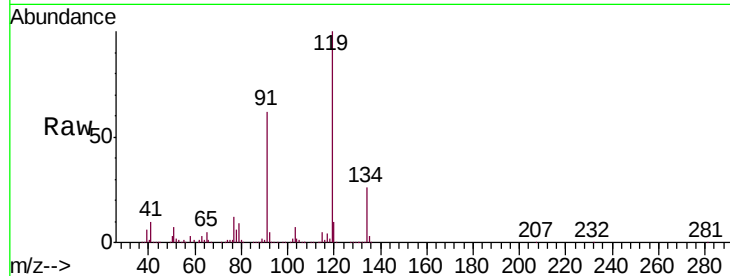




#83
 tert-Butylbenzene
 Concen: 52.289 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VY002499.D
 Acq: 29 Apr 2020 10:38

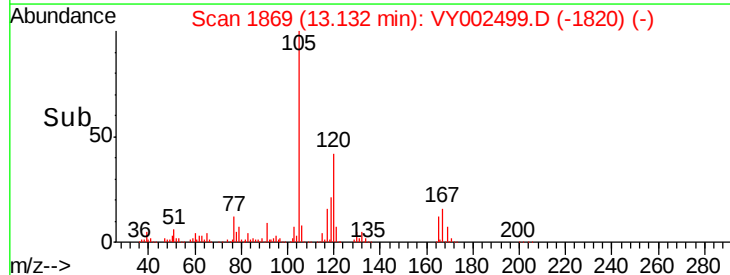
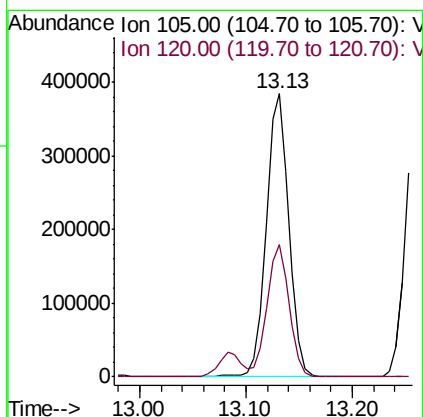
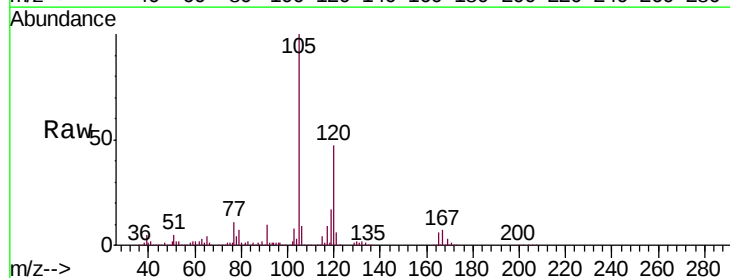
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

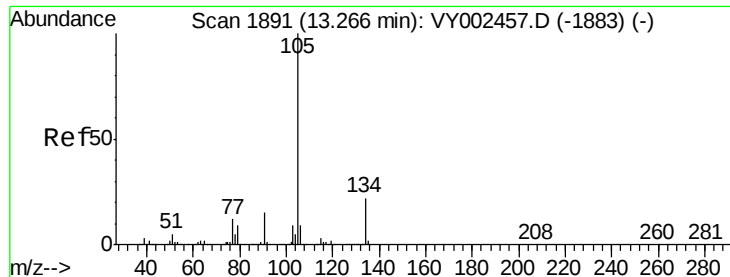
Tgt Ion:119 Resp: 510295
 Ion Ratio Lower Upper
 119 100
 91 60.9 30.8 92.3
 134 26.5 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 52.615 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VY002499.D
 Acq: 29 Apr 2020 10:38

Tgt Ion:105 Resp: 567317
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2

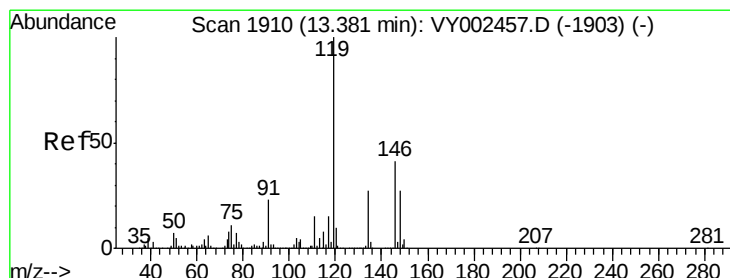
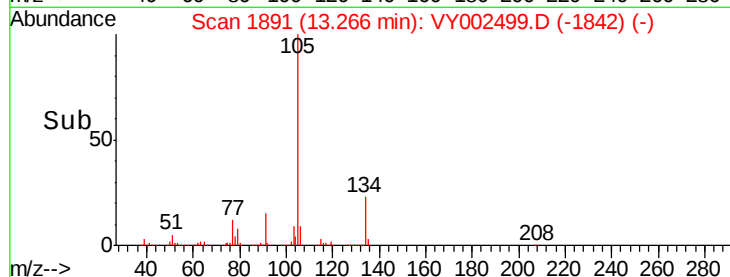
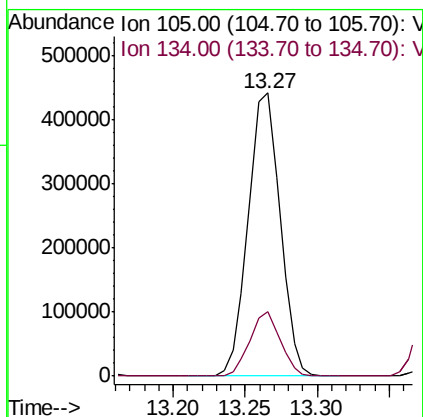
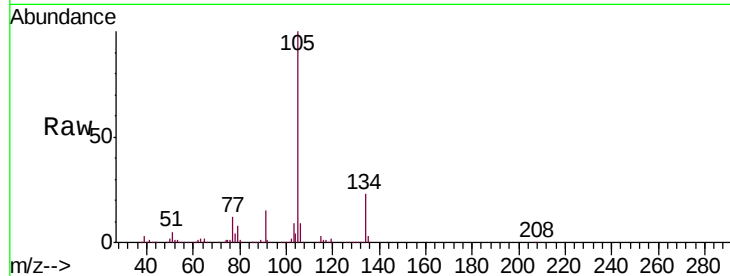




#85
 sec-Butylbenzene
 Concen: 51.930 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VY002499.D
 Acq: 29 Apr 2020 10:38

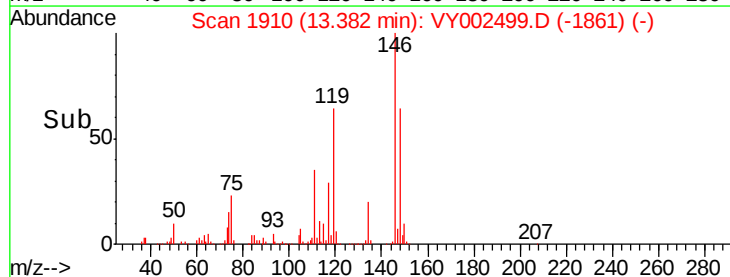
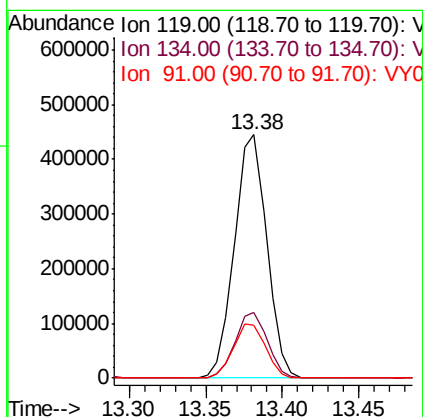
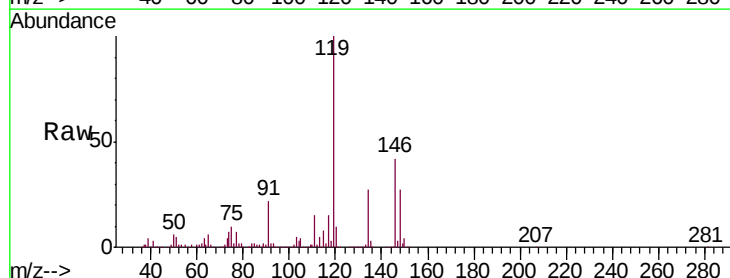
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

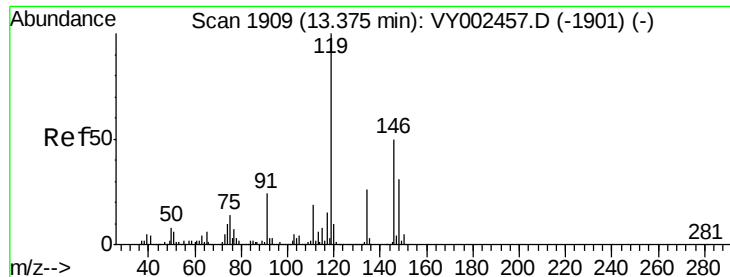
Tgt Ion:105 Resp: 678600
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 52.302 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.00 min
 Lab File: VY002499.D
 Acq: 29 Apr 2020 10:38

Tgt Ion:119 Resp: 651794
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 22.5 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 51.589 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

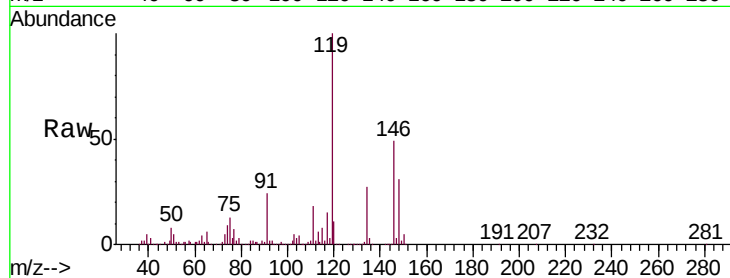
Tgt Ion:146 Resp: 316876

Ion Ratio Lower Upper

146 100

111 36.9 18.8 56.3

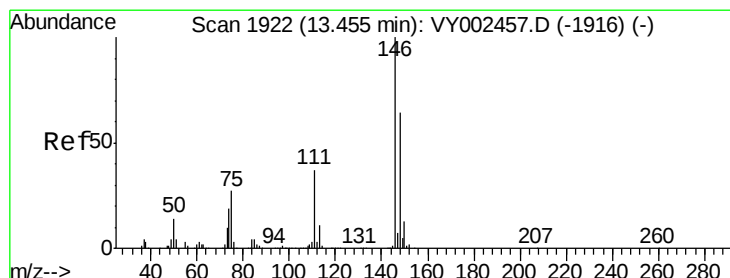
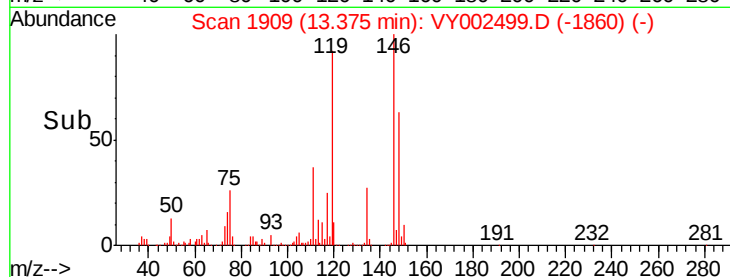
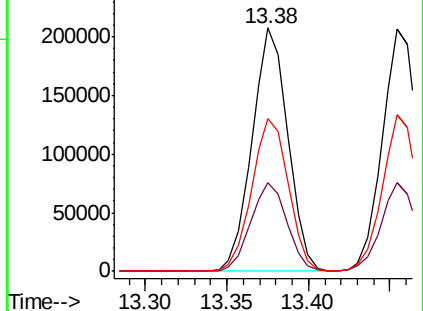
148 64.2 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.405 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VY002499.D

Acq: 29 Apr 2020 10:38

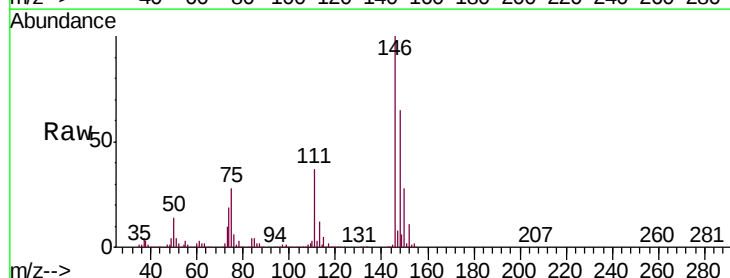
Tgt Ion:146 Resp: 313962

Ion Ratio Lower Upper

146 100

111 36.2 18.1 54.1

148 63.5 32.1 96.5



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

