

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018301.D
 Acq On : 17 May 2024 12:17
 Operator : SY/MD
 Sample : VY0517SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBL01

Quant Time: May 18 00:46:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

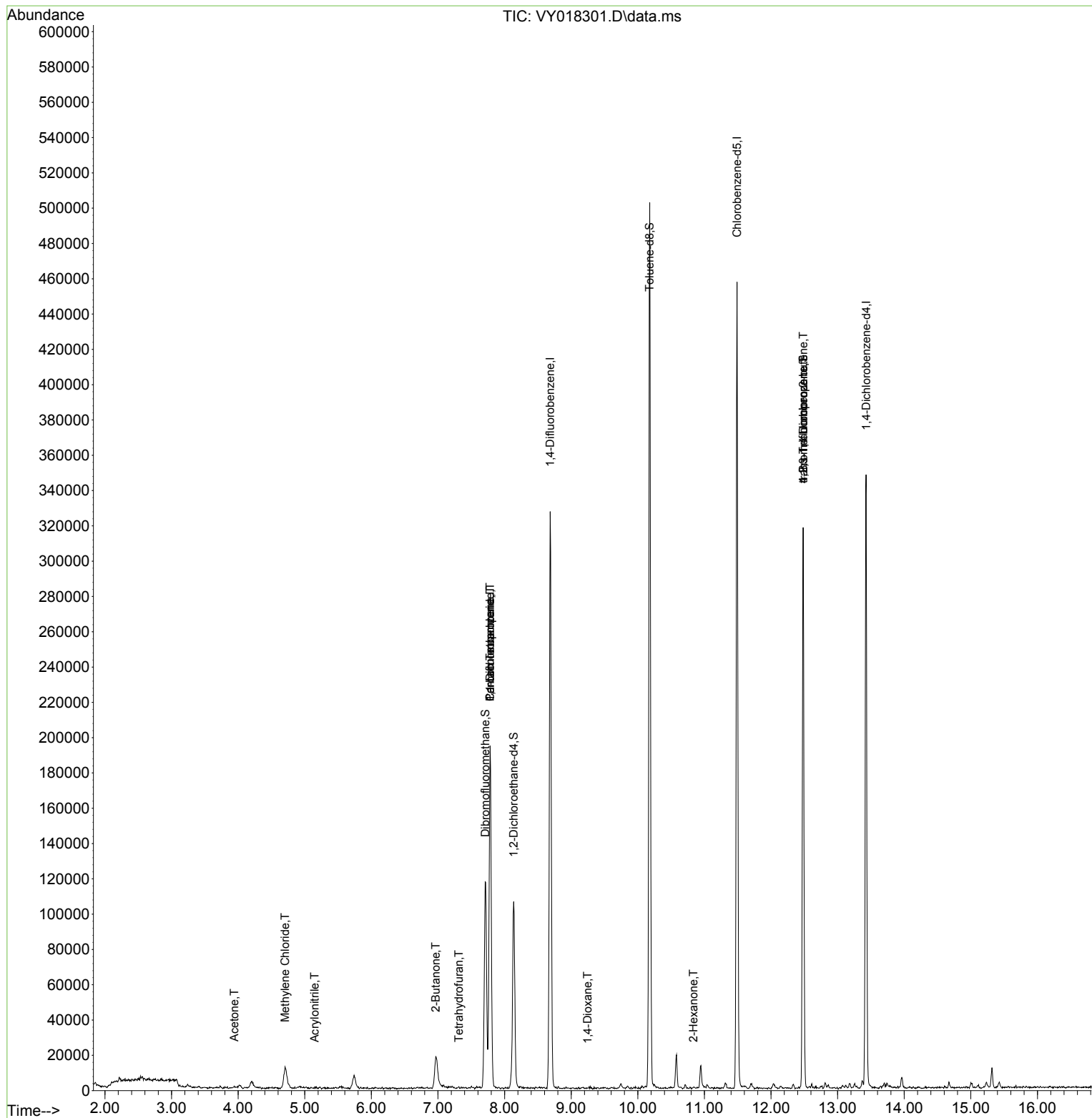
Internal Standards						
1) Pentafluorobenzene	7.783	168	144441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	286818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	252134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76103	71.619	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 143.240%			
35) Dibromofluoromethane	7.710	113	85810	56.927	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.860%			
50) Toluene-d8	10.179	98	329218	55.424	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.840%			
62) 4-Bromofluorobenzene	12.483	95	95837	49.961	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.920%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.930	59	150	Below Cal	#	1
13) Acrolein	3.722	56	126	Below Cal	#	1
15) Acrylonitrile	5.149	53	398	1.444	ug/l #	66
16) Acetone	3.942	43	1445	6.814	ug/l #	78
20) Methylene Chloride	4.704	84	8479	5.657	ug/l #	87
25) 2-Butanone	6.966	43	891	2.629	ug/l #	83
29) Tetrahydrofuran	7.313	42	244	1.091	ug/l #	34
31) Cyclohexane	7.777	56	3582	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	12573	5.818	ug/l #	48
38) Carbon Tetrachloride	7.783	117	15405	6.524	ug/l #	15
49) 1,4-Dioxane	9.246	88	21	1.811	ug/l #	20
59) 2-Hexanone	10.837	43	781	1.192	ug/l	66
76) 1,2,3-Trichloropropane	12.483	75	48136	67.848	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48136	130.721	ug/l #	16

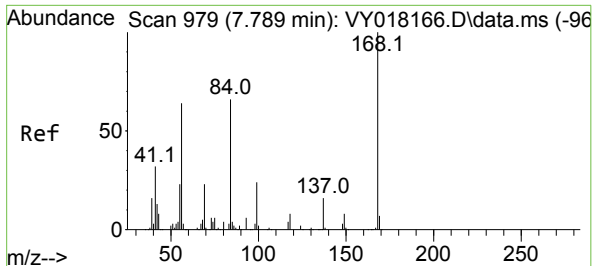
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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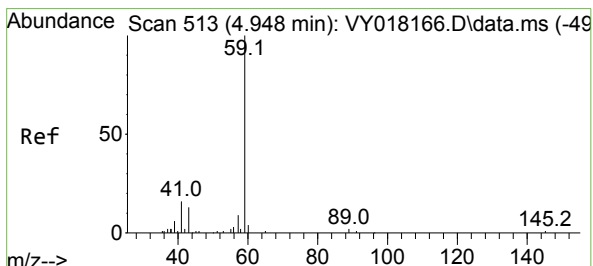
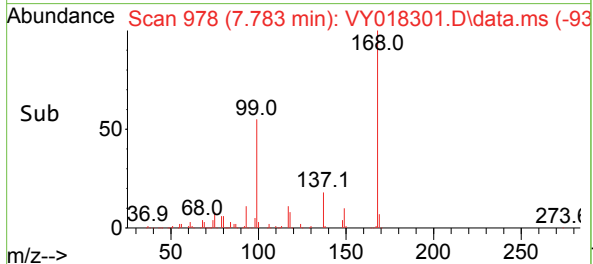
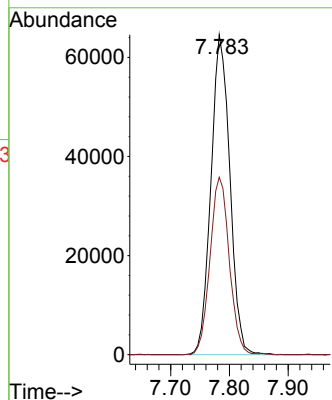
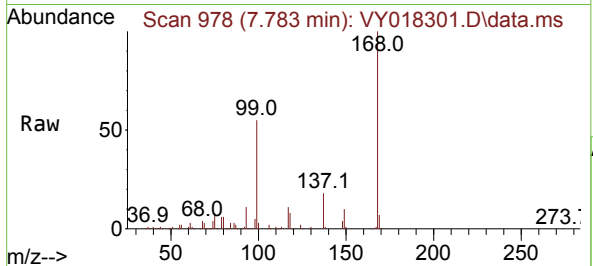




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018301.D
Acq: 17 May 2024 12:17

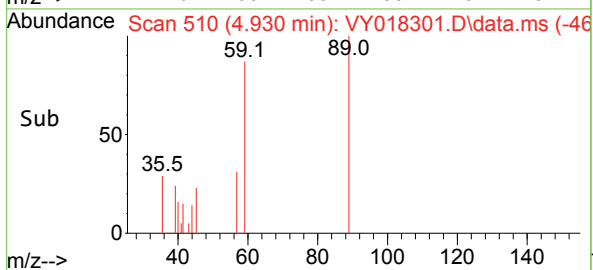
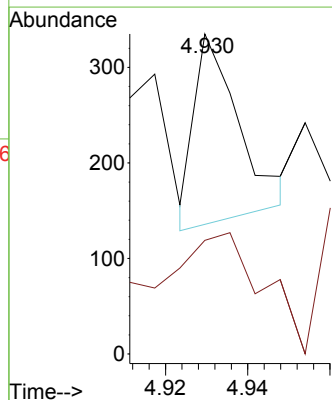
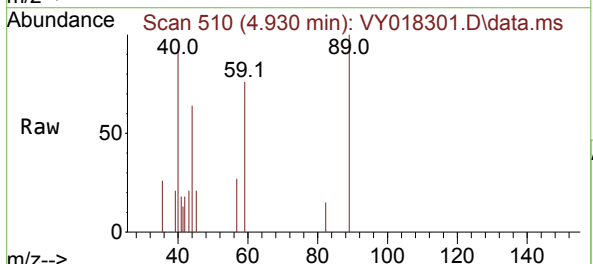
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBL01

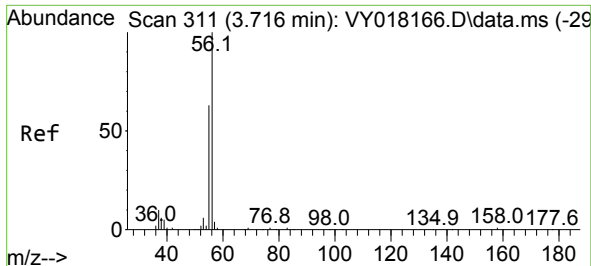
Tgt Ion:168 Resp: 144441
Ion Ratio Lower Upper
168 100
99 55.4 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY018301.D
Acq: 17 May 2024 12:17

Tgt Ion: 59 Resp: 150
Ion Ratio Lower Upper
59 100
57 152.0 3.0 4.6#

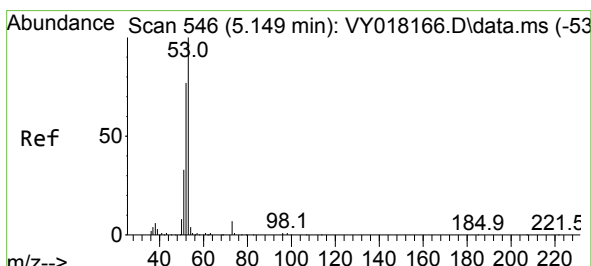
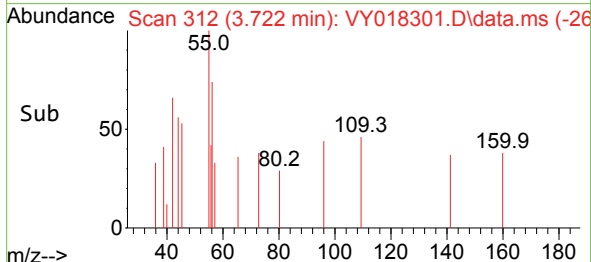
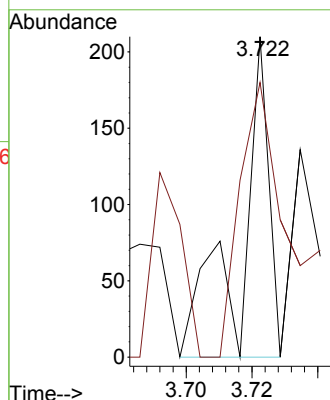
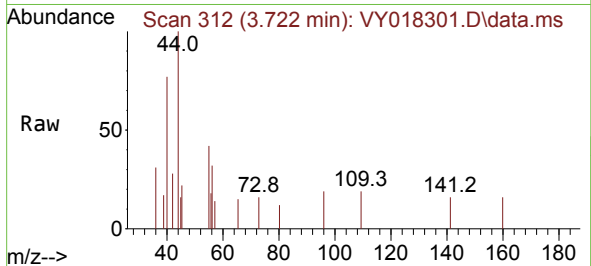




#13
Acrolein
Concen: Below Cal
RT: 3.722 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY018301.D
Acq: 17 May 2024 12:17

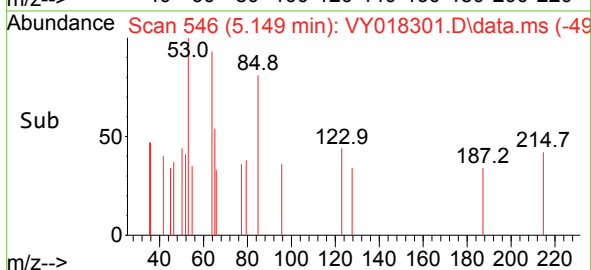
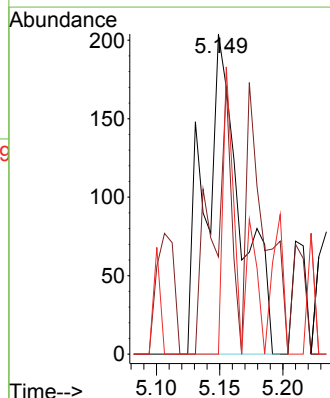
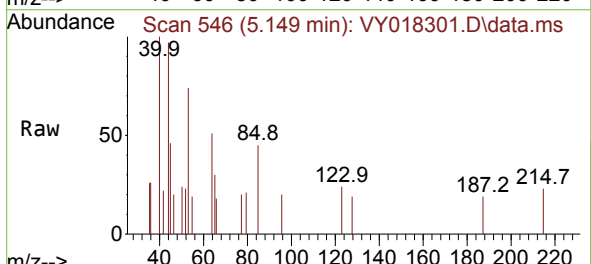
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBL01

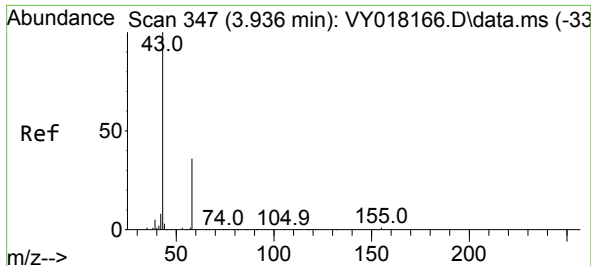
Tgt Ion: 56 Resp: 126
Ion Ratio Lower Upper
56 100
55 165.1 55.7 83.5#



#15
Acrylonitrile
Concen: 1.444 ug/l
RT: 5.149 min Scan# 546
Delta R.T. -0.000 min
Lab File: VY018301.D
Acq: 17 May 2024 12:17

Tgt Ion: 53 Resp: 398
Ion Ratio Lower Upper
53 100
52 43.5 64.7 97.1#
51 25.6 28.4 42.6#





#16

Acetone

Concen: 6.814 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY018301.D

Acq: 17 May 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

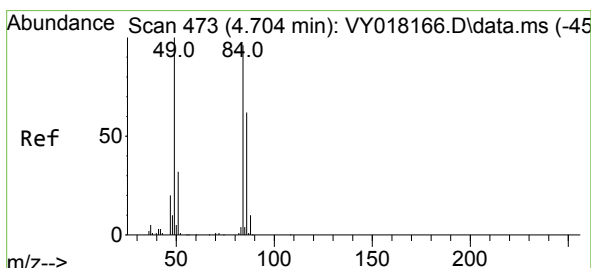
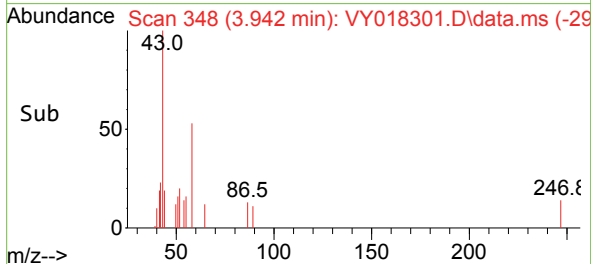
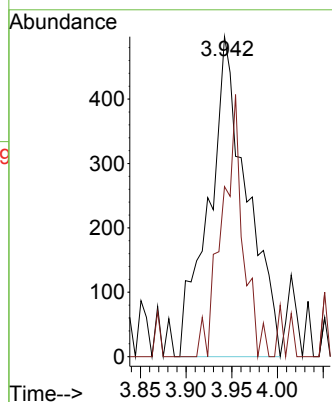
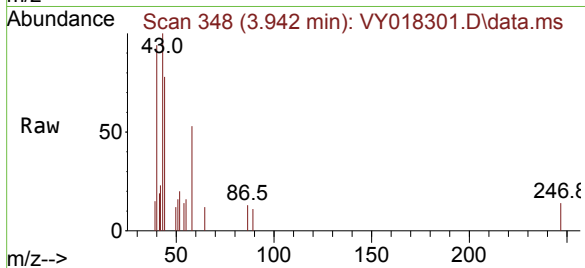
VY0517SBL01

Tgt Ion: 43 Resp: 1445

Ion Ratio Lower Upper

43 100

58 53.1 31.7 47.5#



#20

Methylene Chloride

Concen: 5.657 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.000 min

Lab File: VY018301.D

Acq: 17 May 2024 12:17

Tgt Ion: 84 Resp: 8479

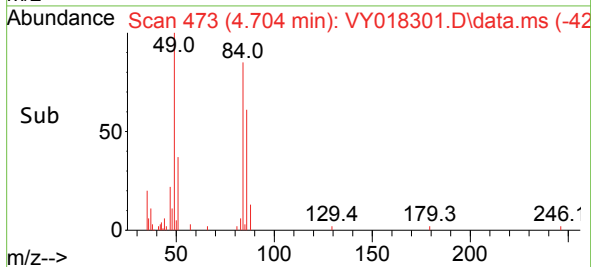
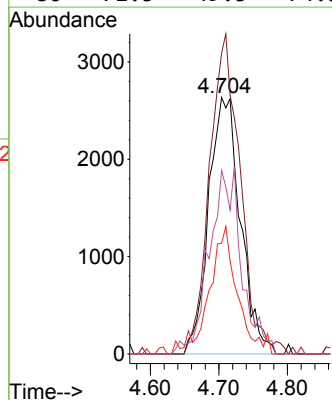
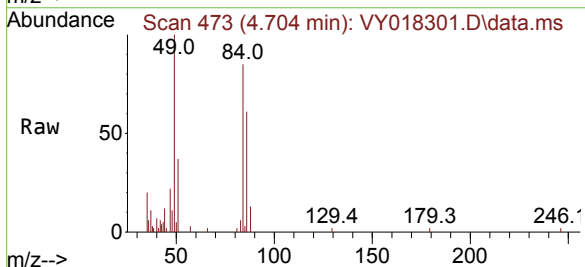
Ion Ratio Lower Upper

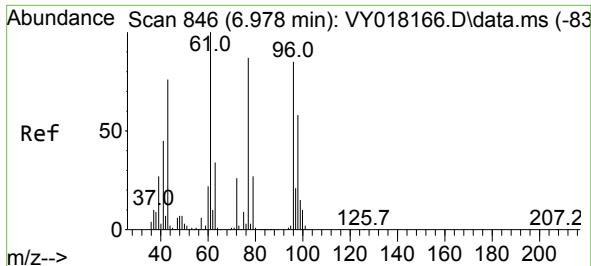
84 100

49 117.3 84.4 126.6

51 43.1 26.0 39.0#

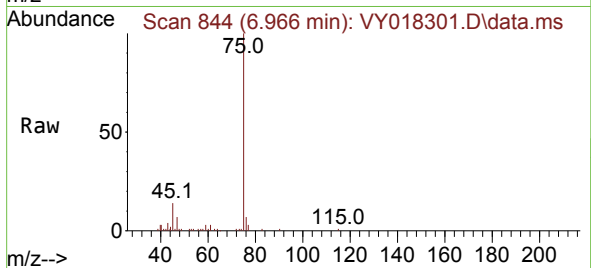
86 71.5 49.5 74.3



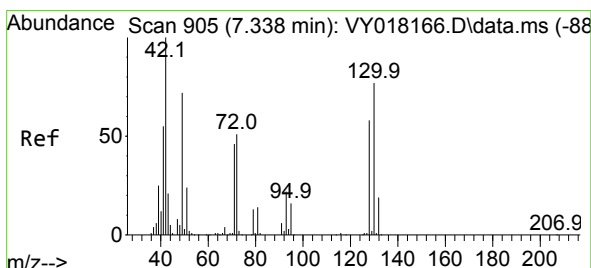
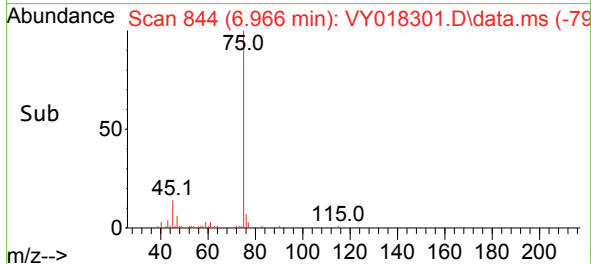
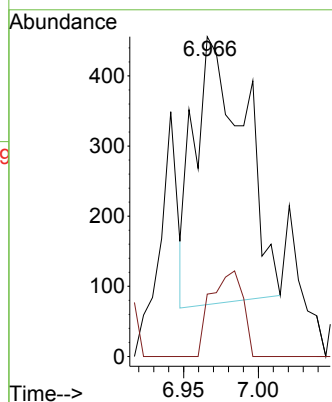


#25
2-Butanone
Concen: 2.629 ug/l
RT: 6.966 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY018301.D
Acq: 17 May 2024 12:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBL01

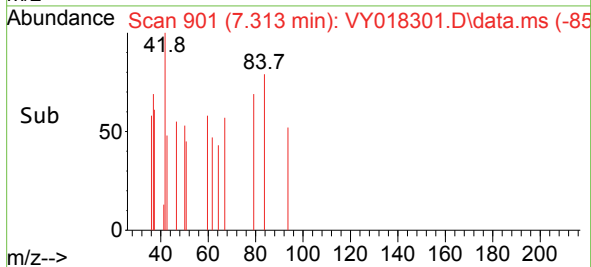
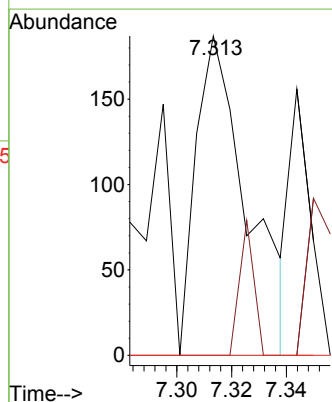
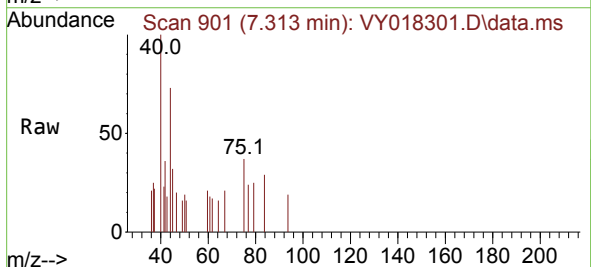


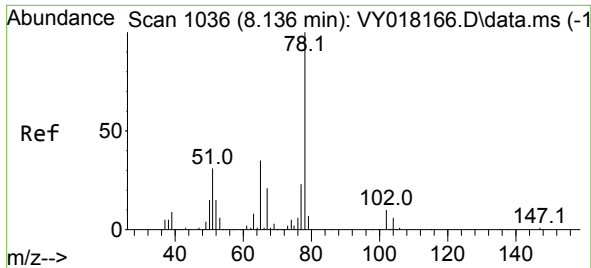
Tgt Ion: 43 Resp: 891
Ion Ratio Lower Upper
43 100
72 24.1 27.3 40.9#



#29
Tetrahydrofuran
Concen: 1.091 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.024 min
Lab File: VY018301.D
Acq: 17 May 2024 12:17

Tgt Ion: 42 Resp: 244
Ion Ratio Lower Upper
42 100
72 11.9 43.0 64.4#
71 0.0 40.8 61.2#

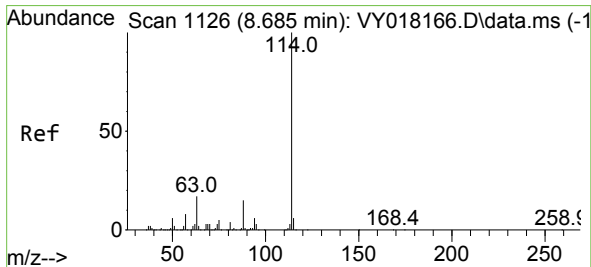
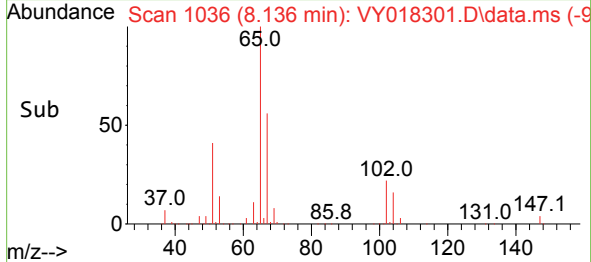
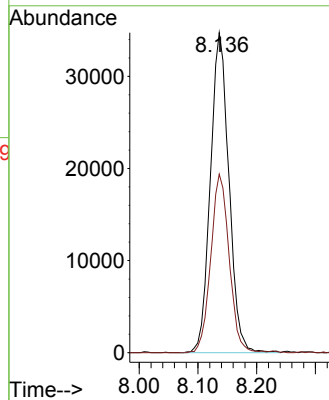
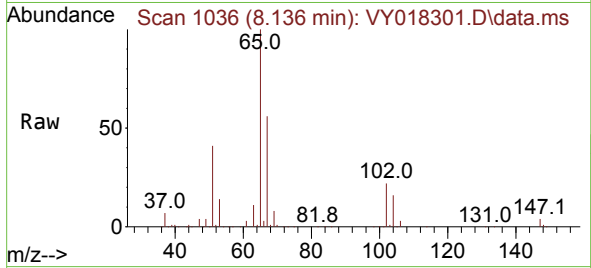




#33
1,2-Dichloroethane-d4
Concen: 71.619 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018301.D
Acq: 17 May 2024 12:17

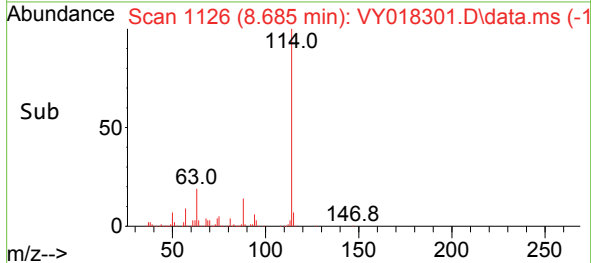
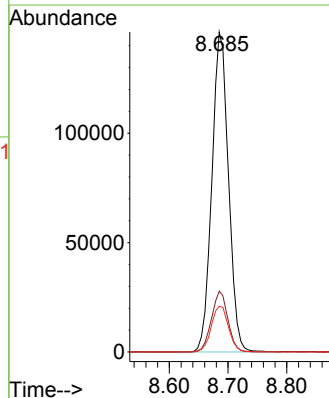
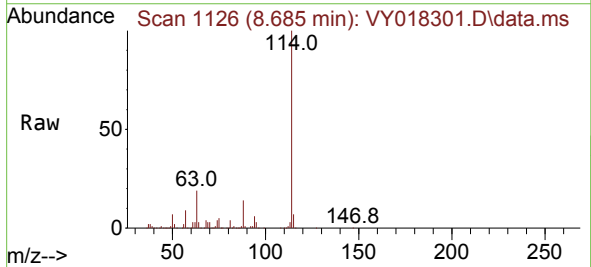
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBL01

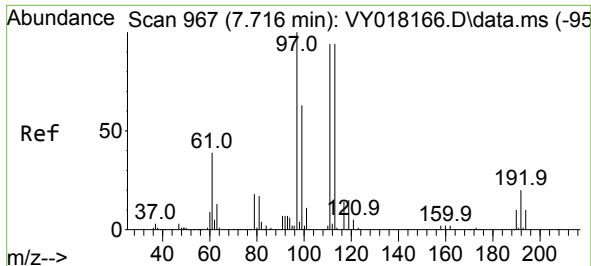
Tgt Ion: 65 Resp: 76103
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018301.D
Acq: 17 May 2024 12:17

Tgt Ion: 114 Resp: 286818
Ion Ratio Lower Upper
114 100
63 19.0 0.0 35.0
88 14.3 0.0 27.2

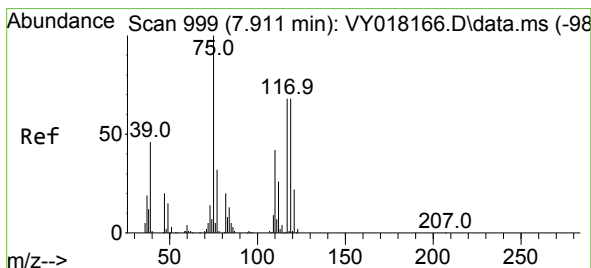
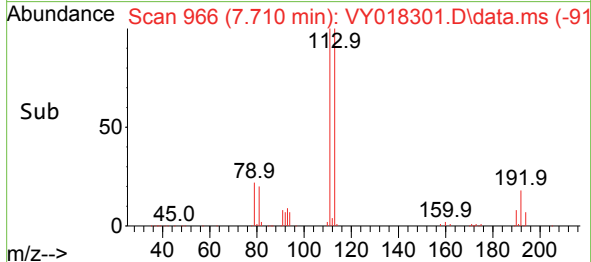
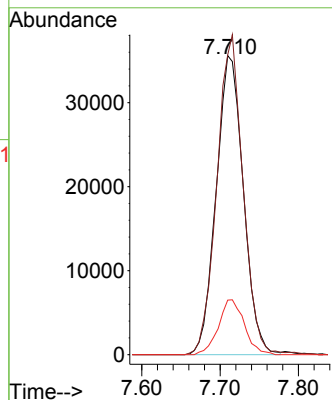
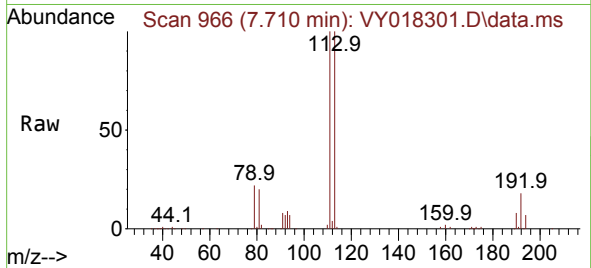




#35
Dibromofluoromethane
Concen: 56.927 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY018301.D
Acq: 17 May 2024 12:17

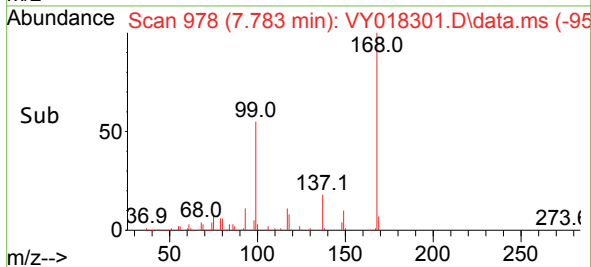
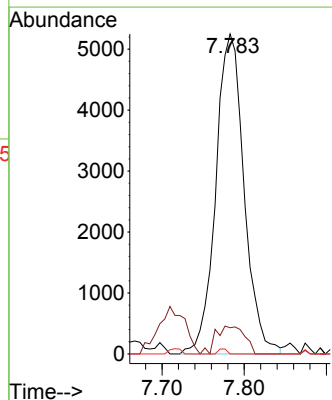
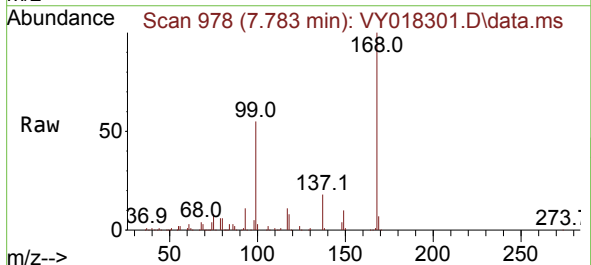
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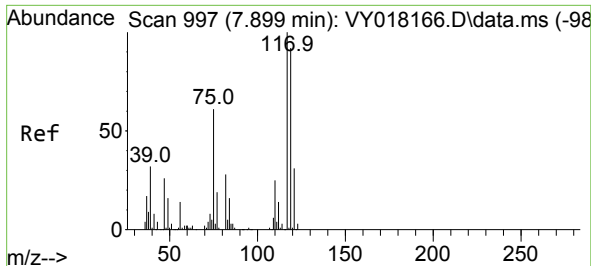
Tgt Ion:113 Resp: 85810
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.818 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018301.D
Acq: 17 May 2024 12:17

Tgt Ion: 75 Resp: 12573
Ion Ratio Lower Upper
75 100
110 8.8 19.0 57.0#
77 0.5 25.3 37.9#

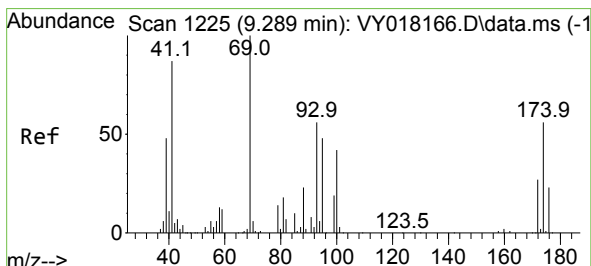
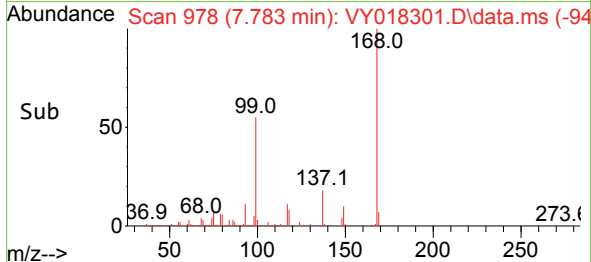
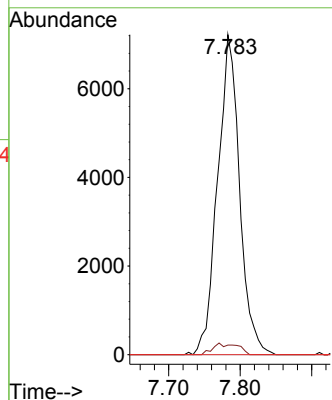
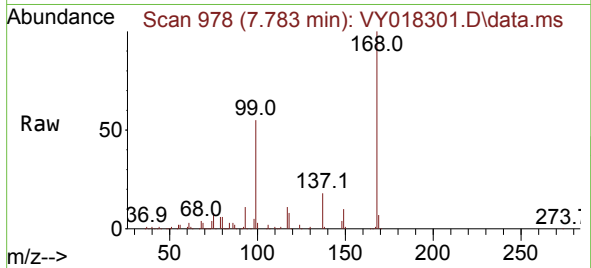




#38
Carbon Tetrachloride
Concen: 6.524 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018301.D
Acq: 17 May 2024 12:17

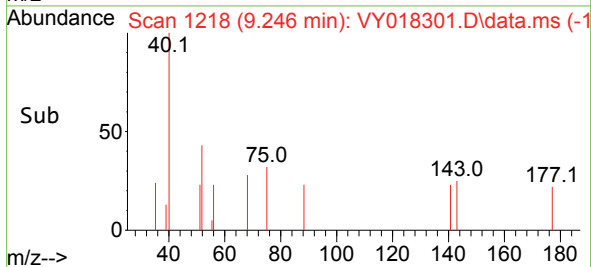
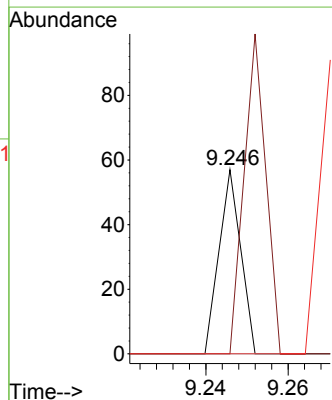
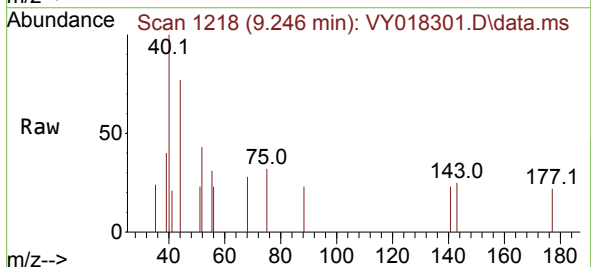
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBL01

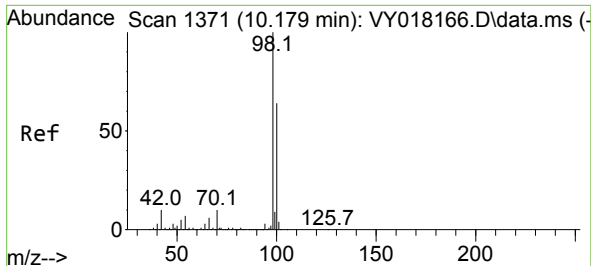
Tgt Ion:117 Resp: 15405
Ion Ratio Lower Upper
117 100
119 3.0 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.811 ug/l
RT: 9.246 min Scan# 1218
Delta R.T. -0.043 min
Lab File: VY018301.D
Acq: 17 May 2024 12:17

Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 171.4 0.0 0.0#
58 0.0 49.3 73.9#

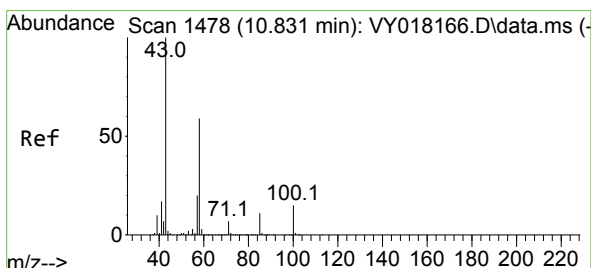
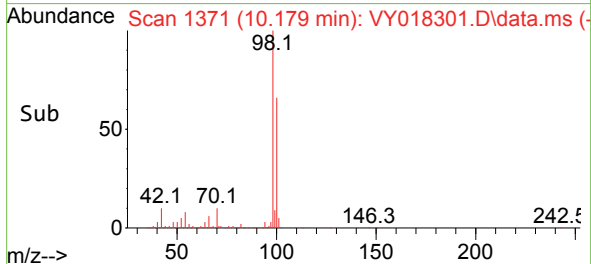
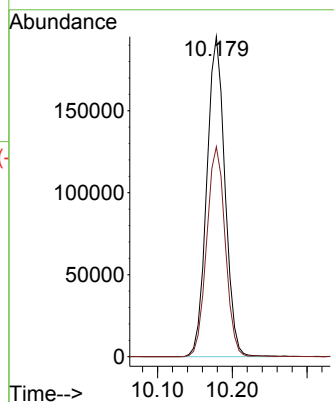
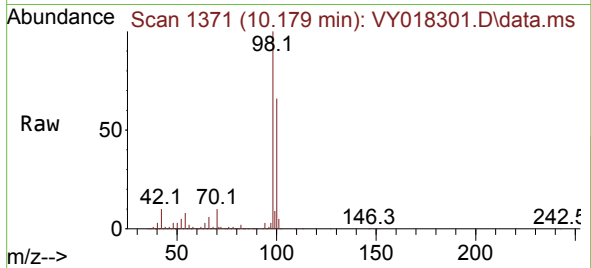




#50
Toluene-d8
Concen: 55.424 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018301.D
Acq: 17 May 2024 12:17

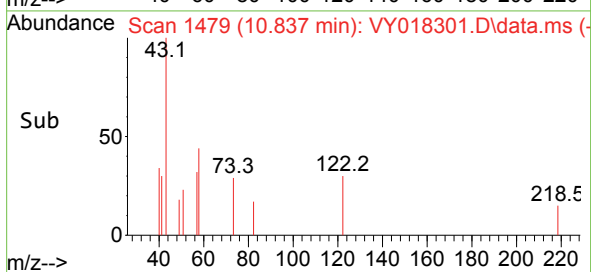
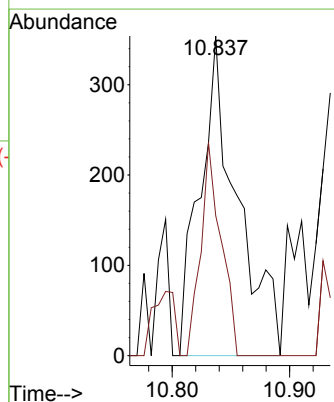
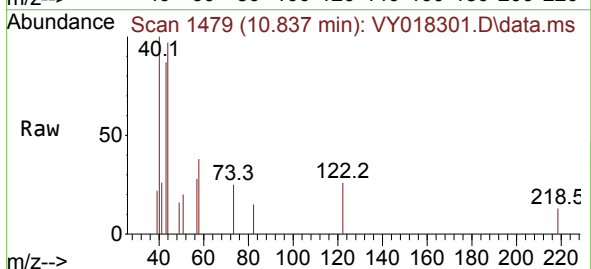
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBL01

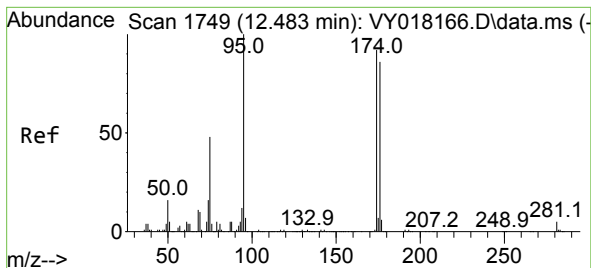
Tgt Ion: 98 Resp: 329218
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0



#59
2-Hexanone
Concen: 1.192 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY018301.D
Acq: 17 May 2024 12:17

Tgt Ion: 43 Resp: 781
Ion Ratio Lower Upper
43 100
58 36.2 31.4 94.0

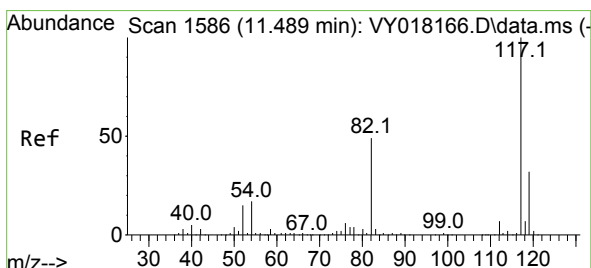
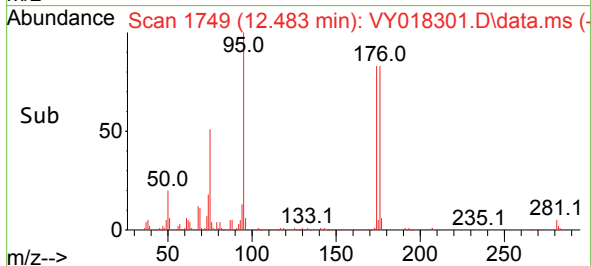
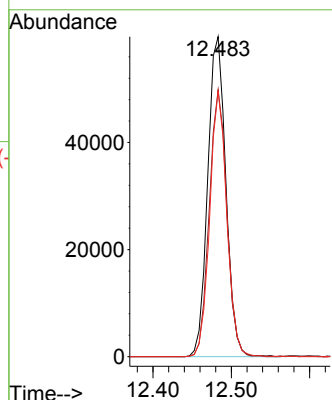
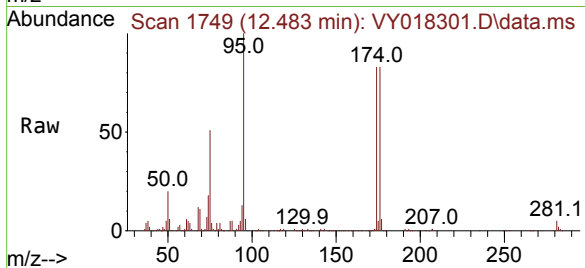




#62
4-Bromofluorobenzene
Concen: 49.961 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018301.D
Acq: 17 May 2024 12:17

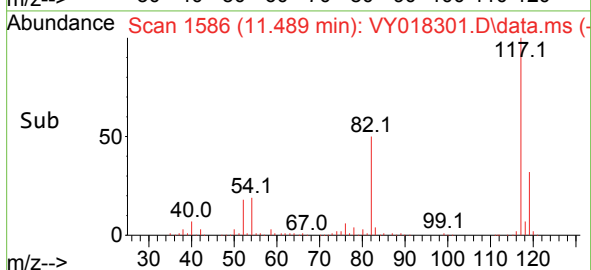
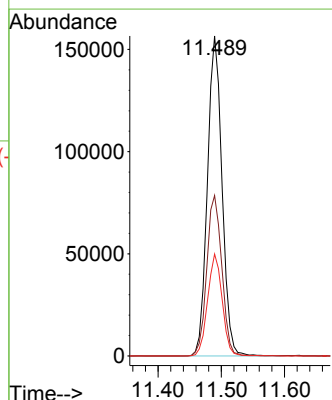
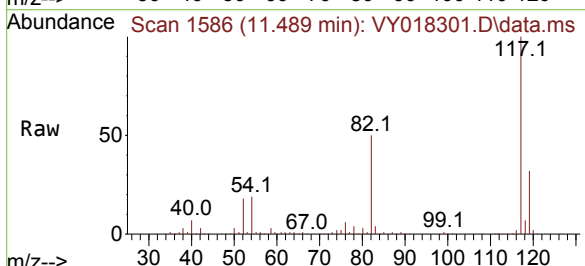
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBL01

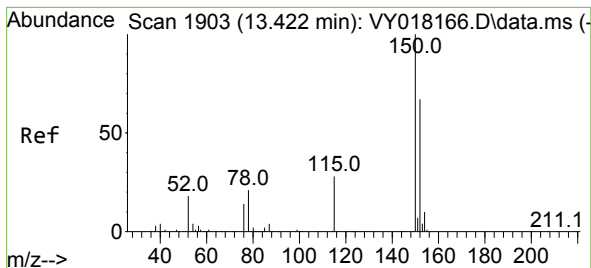
Tgt Ion: 95 Resp: 95837
Ion Ratio Lower Upper
95 100
174 81.2 0.0 175.6
176 78.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018301.D
Acq: 17 May 2024 12:17

Tgt Ion: 117 Resp: 252134
Ion Ratio Lower Upper
117 100
82 50.1 42.4 63.6
119 31.8 25.9 38.9

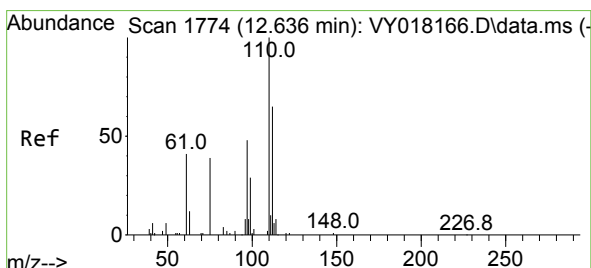
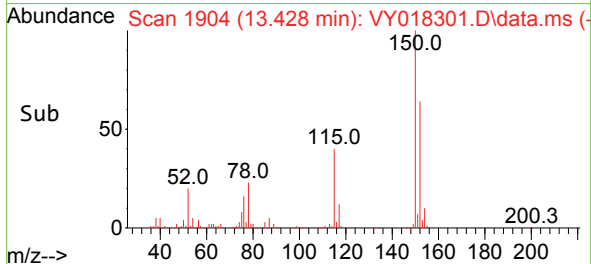
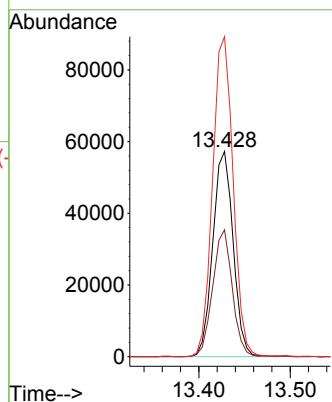
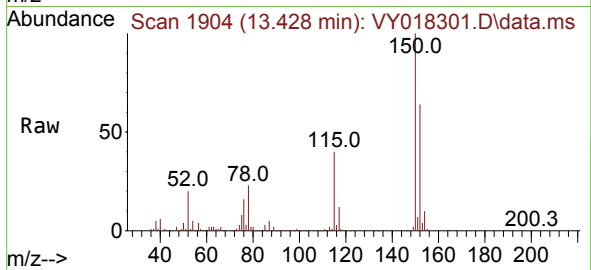




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY018301.D
Acq: 17 May 2024 12:17

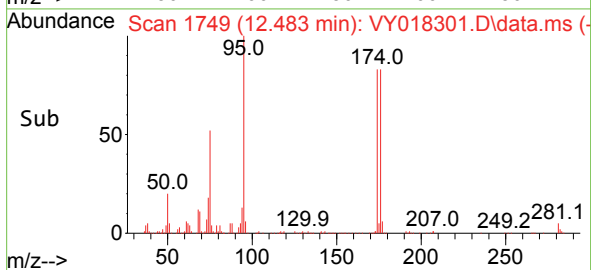
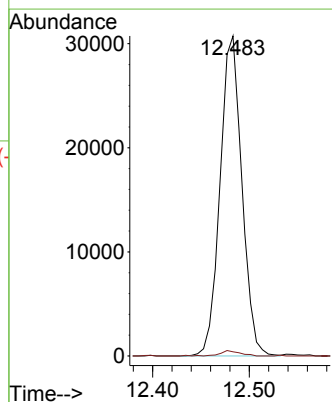
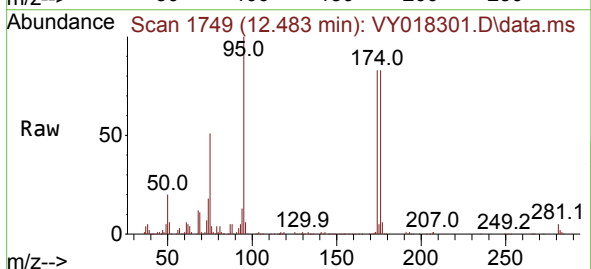
Instrument :
MSVOA_Y
ClientSampleId :
VY0517SBL01

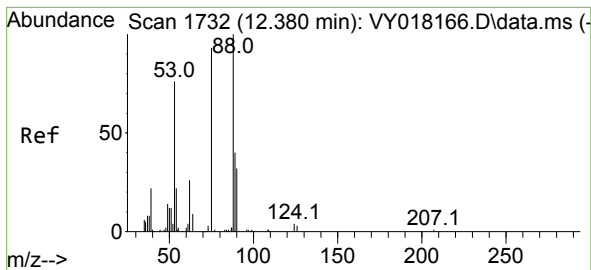
Tgt Ion:152 Resp: 88635
Ion Ratio Lower Upper
152 100
115 59.7 28.2 84.7
150 157.2 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 67.848 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY018301.D
Acq: 17 May 2024 12:17

Tgt Ion: 75 Resp: 48136
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.721 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018301.D
 Acq: 17 May 2024 12:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBL01

Tgt Ion: 75 Resp: 48136
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.5 35.8 53.6#

