

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
 Data File : VY018252.D
 Acq On : 14 May 2024 12:22
 Operator : SY/MD
 Sample : VY0514SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0514SBL01

Quant Time: May 15 04:12:38 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)

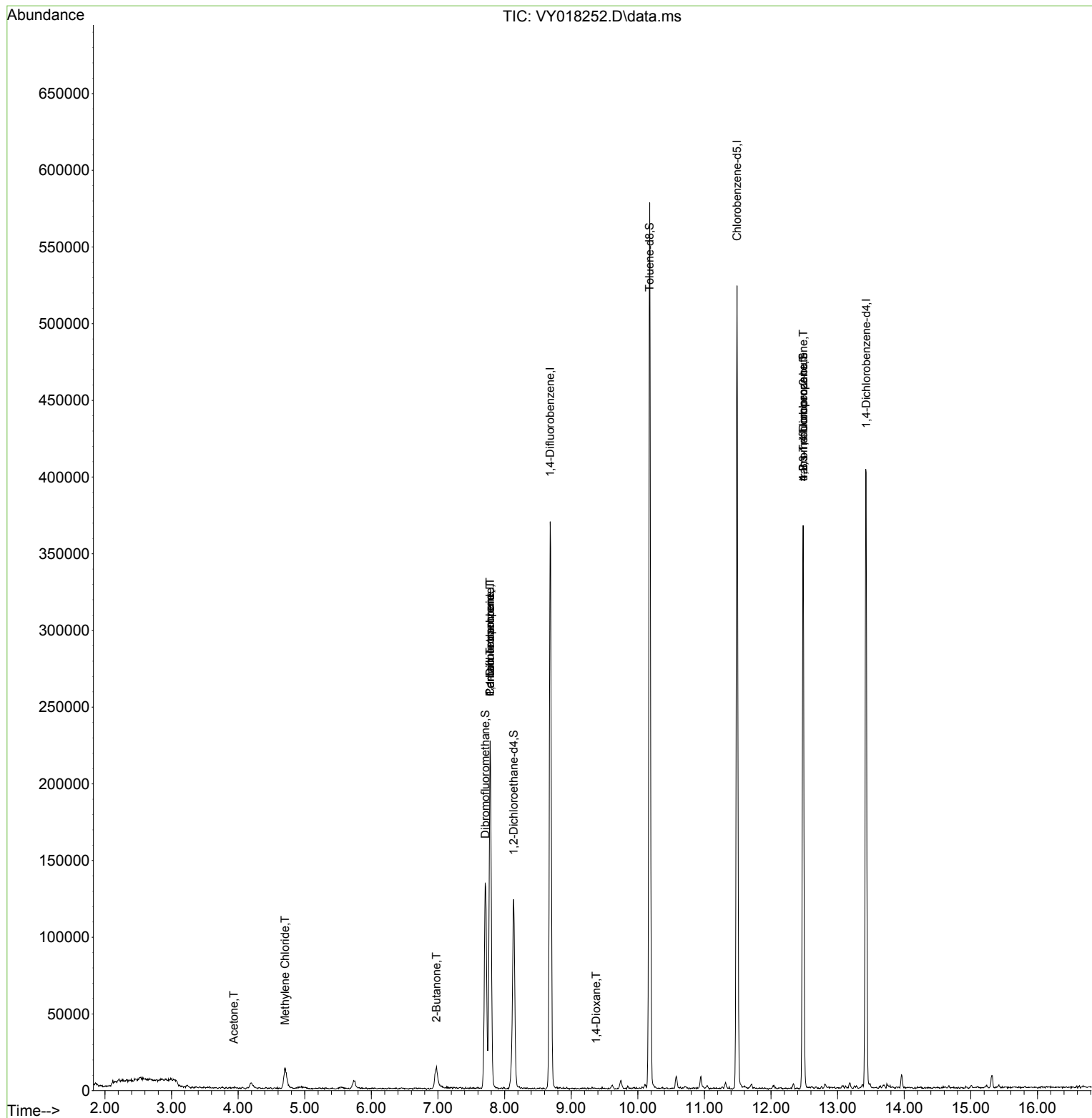
Internal Standards						
1) Pentafluorobenzene	7.783	168	177258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	336468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	296409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85247	65.372	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.740%			
35) Dibromofluoromethane	7.710	113	99641	56.349	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.700%			
50) Toluene-d8	10.179	98	380914	54.665	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.320%			
62) 4-Bromofluorobenzene	12.483	95	110864	49.266	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.540%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	574	Below Cal	#	96
13) Acrolein	3.753	56	81	Below Cal	#	44
16) Acetone	3.936	43	1486	5.710	ug/l #	80
20) Methylene Chloride	4.704	84	10194	5.542	ug/l	96
25) 2-Butanone	6.978	43	1308	3.144	ug/l #	68
31) Cyclohexane	7.789	56	3713	Below Cal	#	13
36) 1,1-Dichloropropene	7.783	75	13753	5.425	ug/l #	48
38) Carbon Tetrachloride	7.783	117	17075	6.165	ug/l #	15
49) 1,4-Dioxane	9.374	88	42	3.087	ug/l #	56
76) 1,2,3-Trichloropropane	12.483	75	56482	64.296	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56482	123.877	ug/l #	16

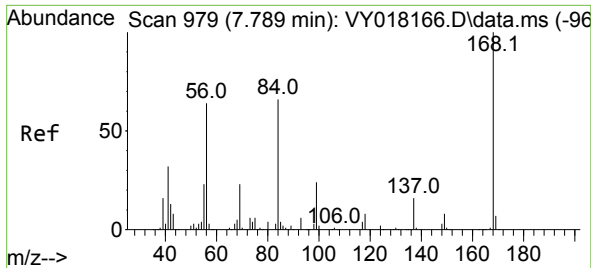
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBL01

Quant Time: May 15 04:12:38 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

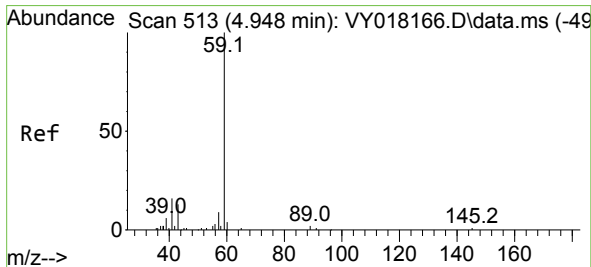
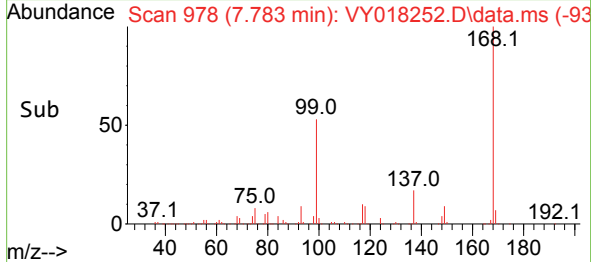
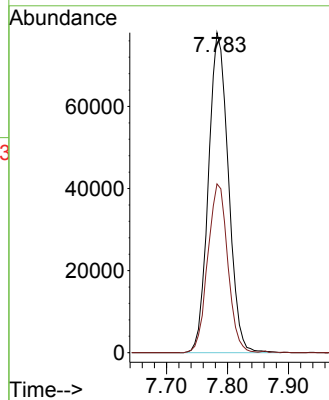
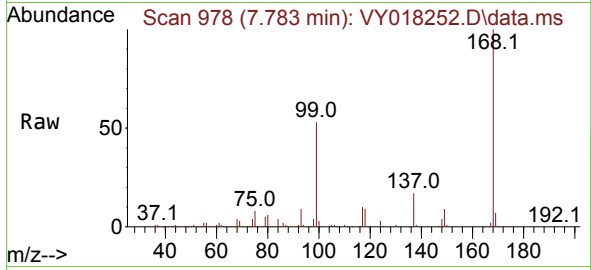




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018252.D
Acq: 14 May 2024 12:22

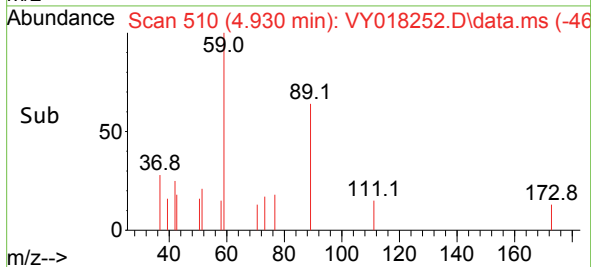
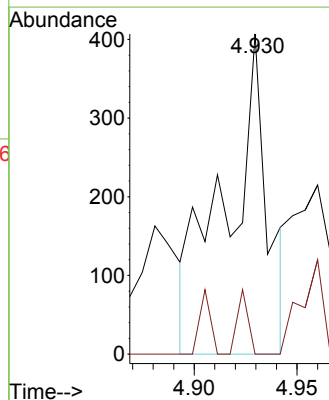
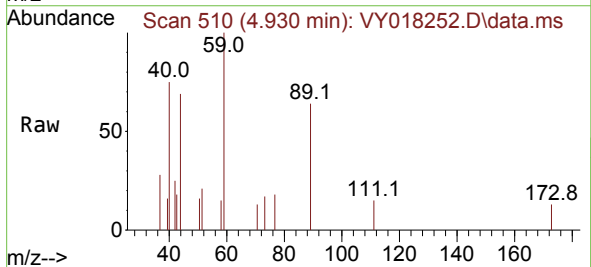
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBL01

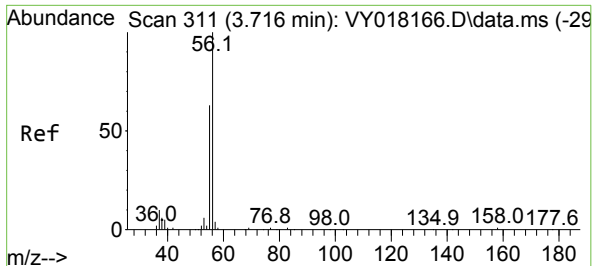
Tgt Ion:168 Resp: 177258
Ion Ratio Lower Upper
168 100
99 52.8 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY018252.D
Acq: 14 May 2024 12:22

Tgt Ion: 59 Resp: 574
Ion Ratio Lower Upper
59 100
57 5.2 3.0 4.6#

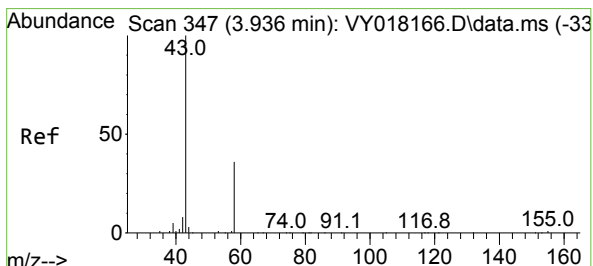
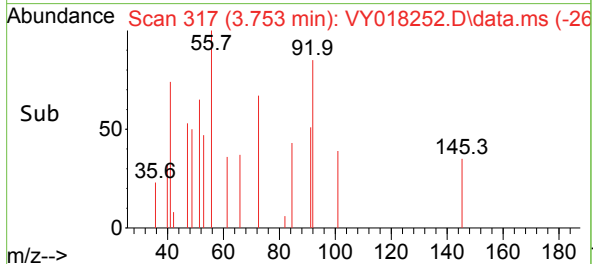
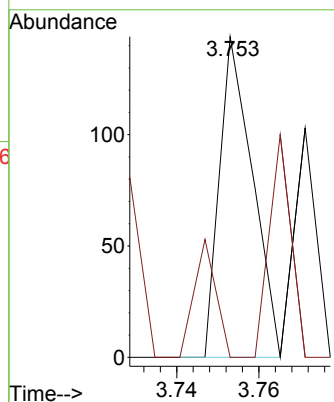
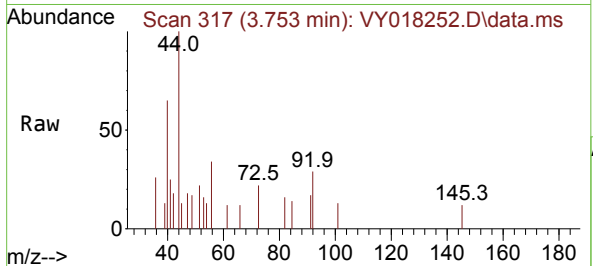




#13
Acrolein
Concen: Below Cal
RT: 3.753 min Scan# 311
Delta R.T. 0.037 min
Lab File: VY018252.D
Acq: 14 May 2024 12:22

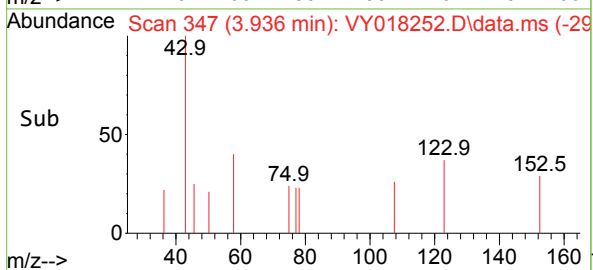
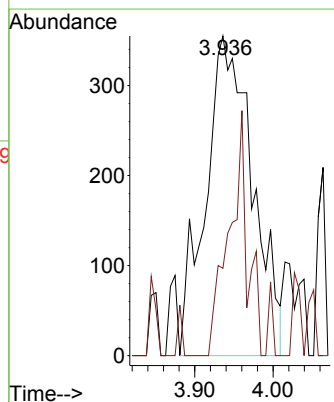
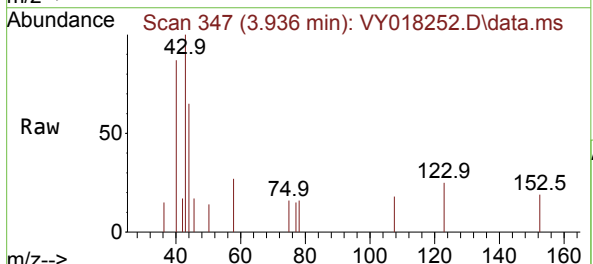
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBL01

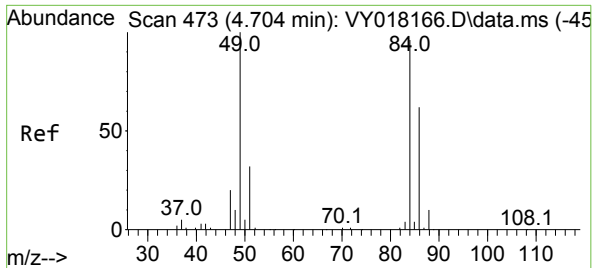
Tgt Ion: 56 Resp: 81
Ion Ratio Lower Upper
56 100
55 23.5 55.7 83.5#



#16
Acetone
Concen: 5.710 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018252.D
Acq: 14 May 2024 12:22

Tgt Ion: 43 Resp: 1486
Ion Ratio Lower Upper
43 100
58 27.3 31.7 47.5#

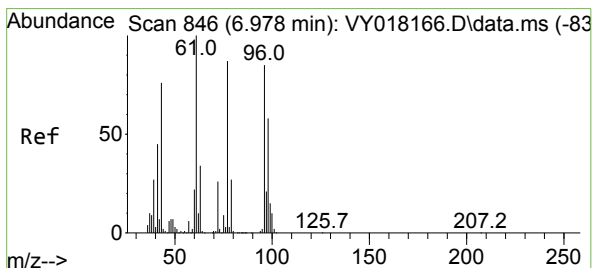
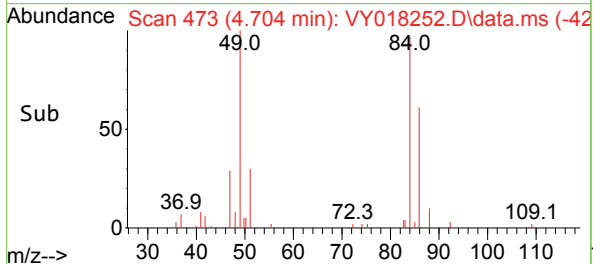
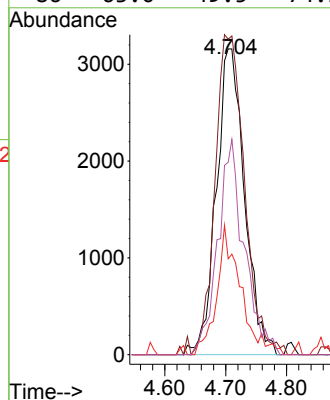
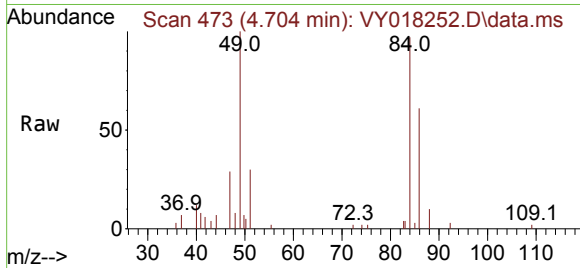




#20
Methylene Chloride
Concen: 5.542 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018252.D
Acq: 14 May 2024 12:22

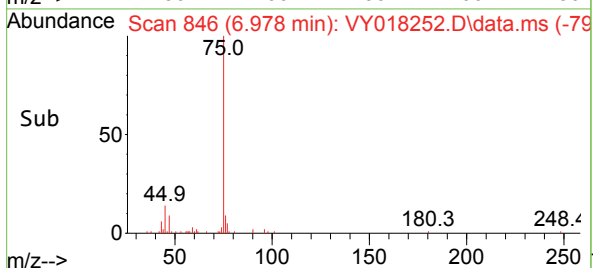
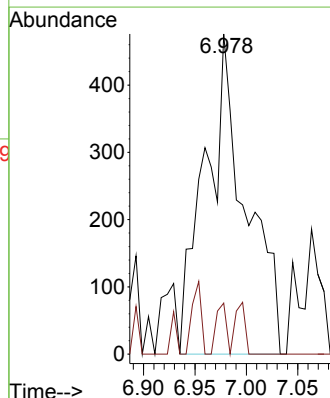
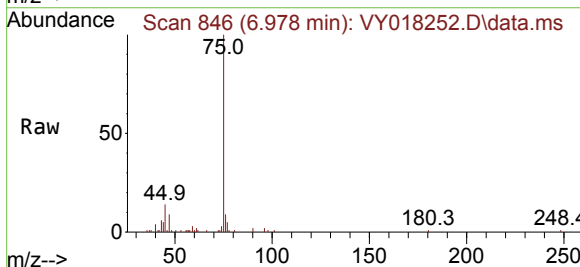
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBL01

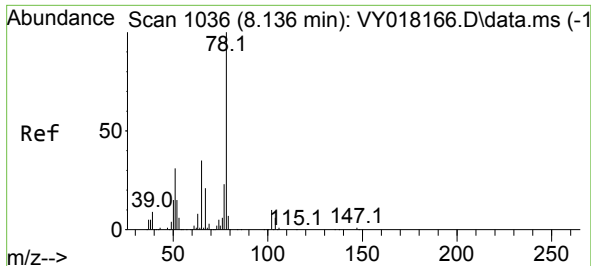
Tgt Ion:	84	Resp:	10194
Ion	Ratio	Lower	Upper
84	100		
49	100.9	84.4	126.6
51	29.7	26.0	39.0
86	63.0	49.5	74.3



#25
2-Butanone
Concen: 3.144 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY018252.D
Acq: 14 May 2024 12:22

Tgt Ion:	43	Resp:	1308
Ion	Ratio	Lower	Upper
43	100		
72	16.0	27.3	40.9#





#33

1,2-Dichloroethane-d4

Concen: 65.372 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018252.D

Acq: 14 May 2024 12:22

Instrument :

MSVOA_Y

ClientSampleId :

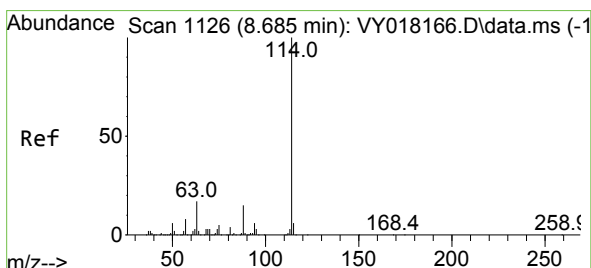
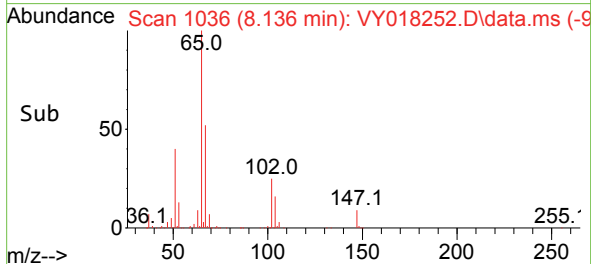
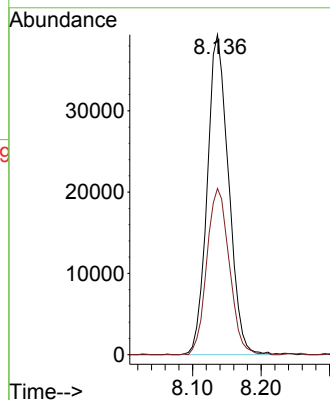
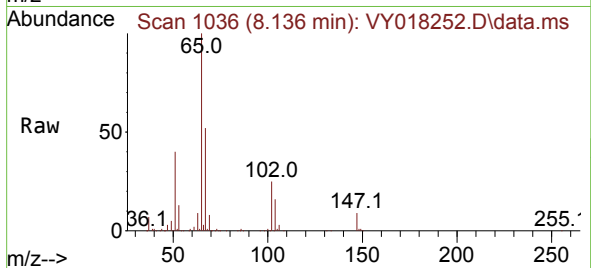
VY0514SBL01

Tgt Ion: 65 Resp: 85247

Ion Ratio Lower Upper

65 100

67 54.7 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: VY018252.D

Acq: 14 May 2024 12:22

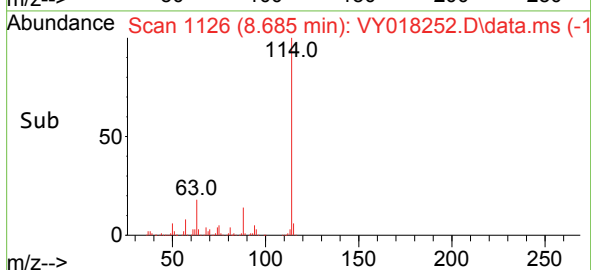
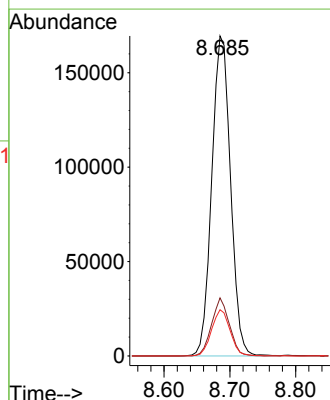
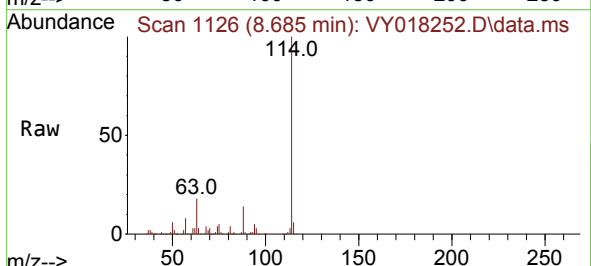
Tgt Ion: 114 Resp: 336468

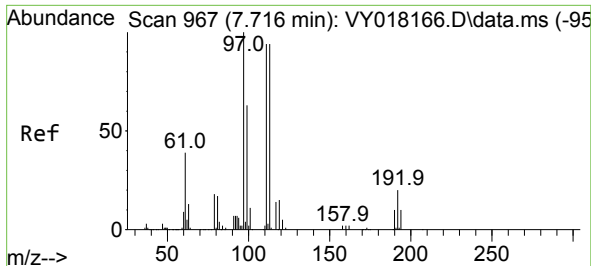
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 56.349 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY018252.D

Acq: 14 May 2024 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0514SBL01

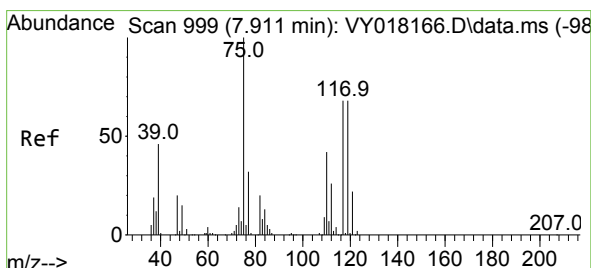
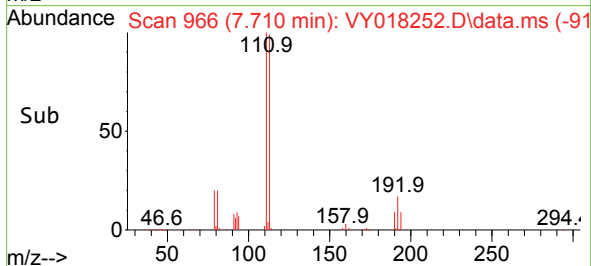
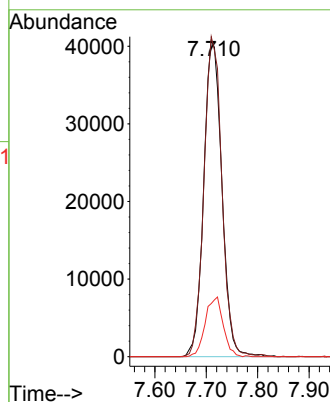
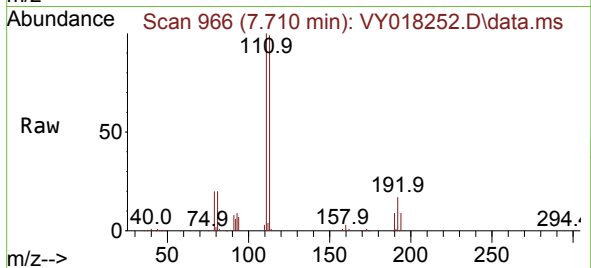
Tgt Ion:113 Resp: 99641

Ion Ratio Lower Upper

113 100

111 100.2 82.2 123.4

192 18.7 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.425 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY018252.D

Acq: 14 May 2024 12:22

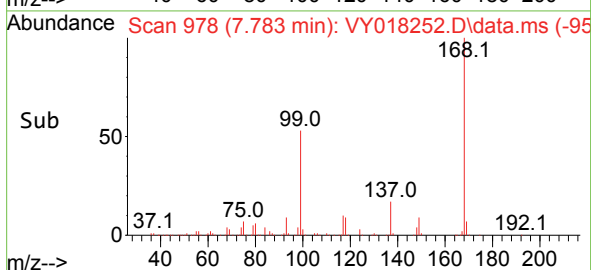
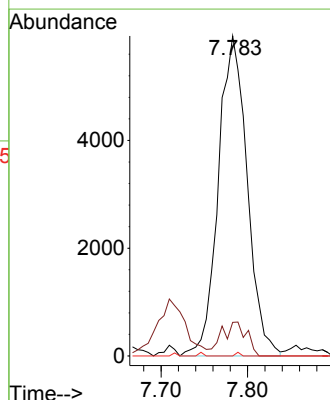
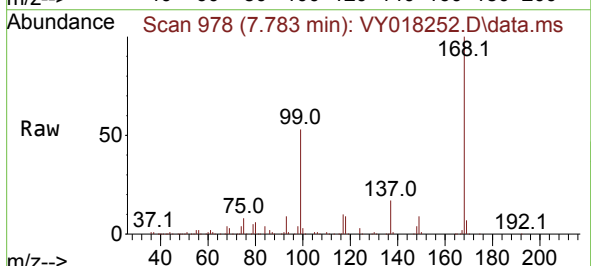
Tgt Ion: 75 Resp: 13753

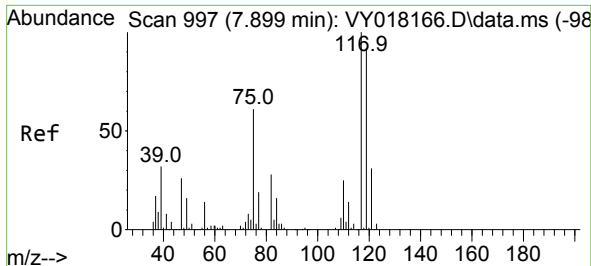
Ion Ratio Lower Upper

75 100

110 9.2 19.0 57.0#

77 0.2 25.3 37.9#

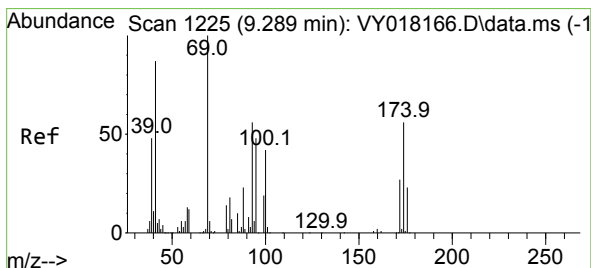
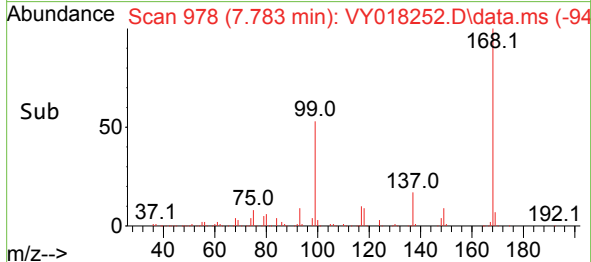
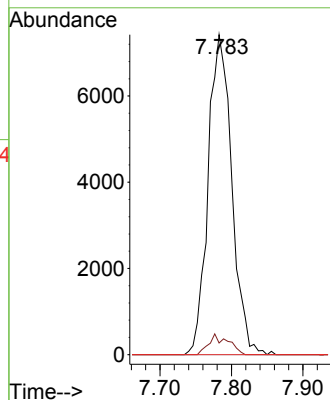
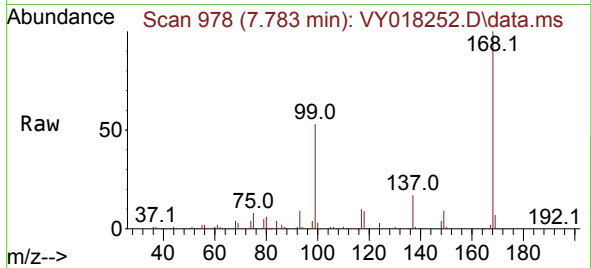




#38
Carbon Tetrachloride
Concen: 6.165 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018252.D
Acq: 14 May 2024 12:22

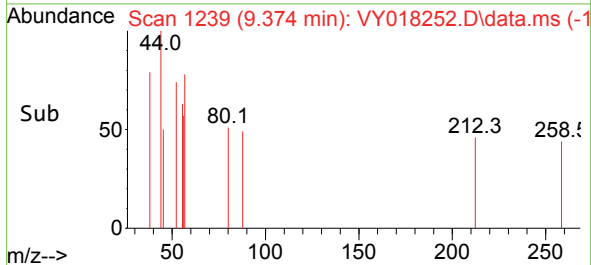
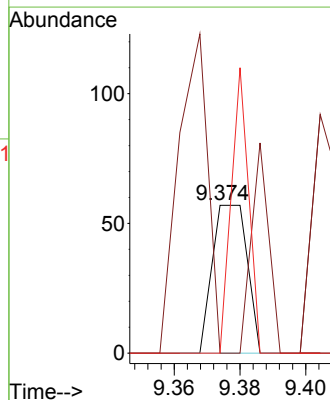
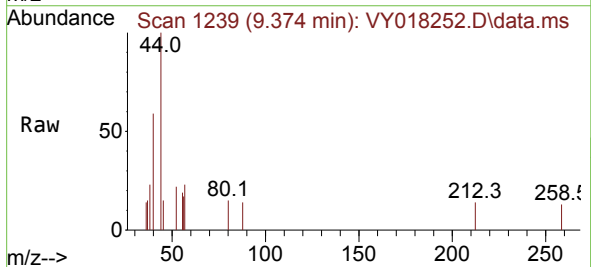
Instrument :
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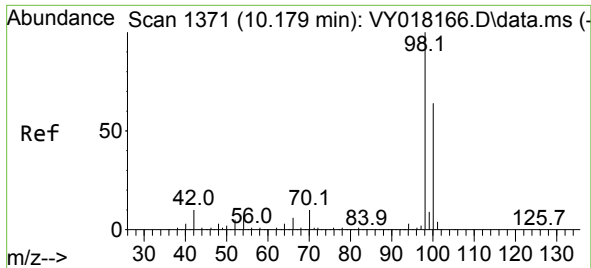
Tgt Ion:117 Resp: 17075
Ion Ratio Lower Upper
117 100
119 3.7 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 3.087 ug/l
RT: 9.374 min Scan# 1239
Delta R.T. 0.085 min
Lab File: VY018252.D
Acq: 14 May 2024 12:22

Tgt Ion: 88 Resp: 42
Ion Ratio Lower Upper
88 100
43 71.4 0.0 0.0#
58 95.2 49.3 73.9#

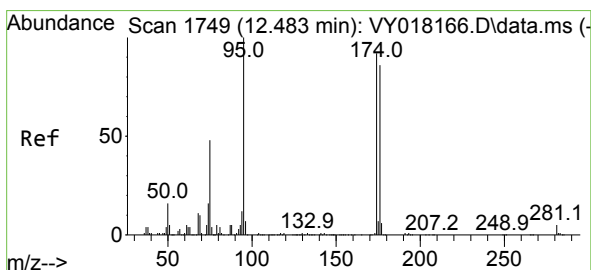
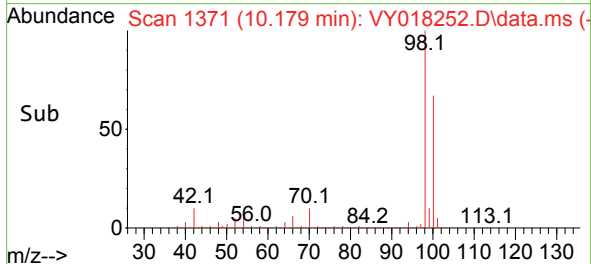
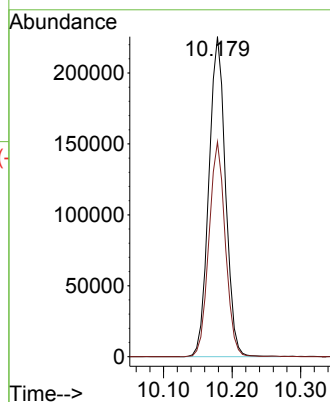
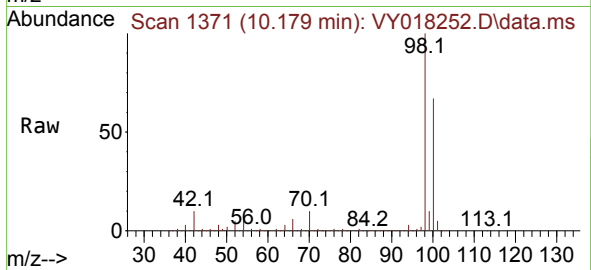




#50
Toluene-d8
Concen: 54.665 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018252.D
Acq: 14 May 2024 12:22

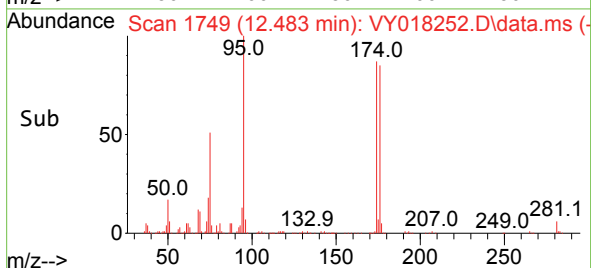
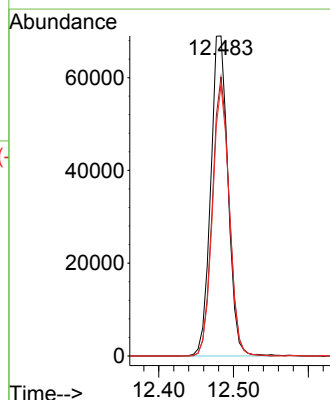
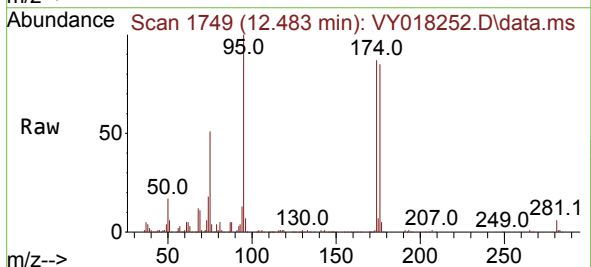
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBL01

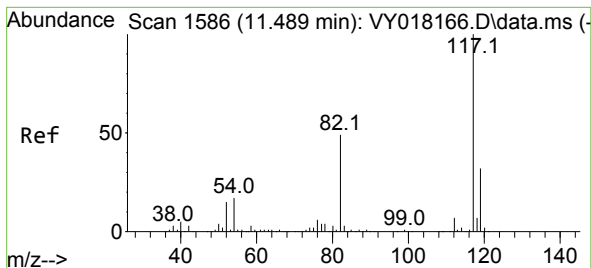
Tgt Ion: 98 Resp: 380914
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.266 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018252.D
Acq: 14 May 2024 12:22

Tgt Ion: 95 Resp: 110864
Ion Ratio Lower Upper
95 100
174 84.9 0.0 175.6
176 82.1 0.0 171.4

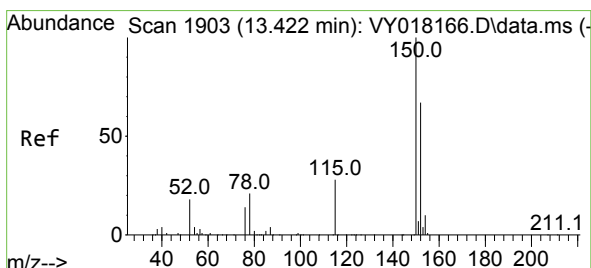
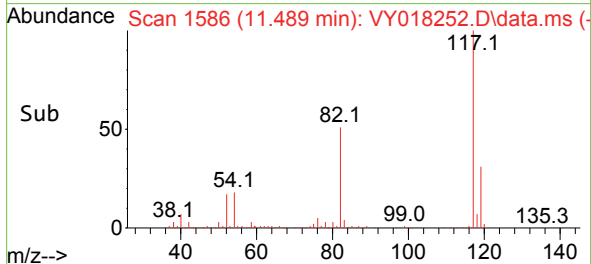
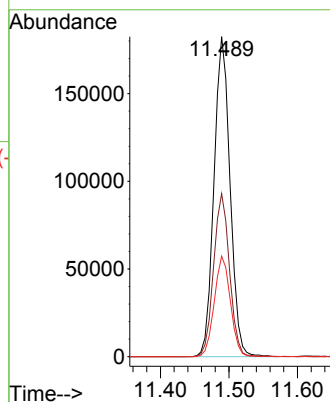
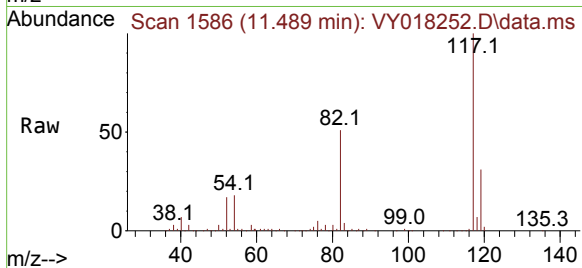




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018252.D
Acq: 14 May 2024 12:22

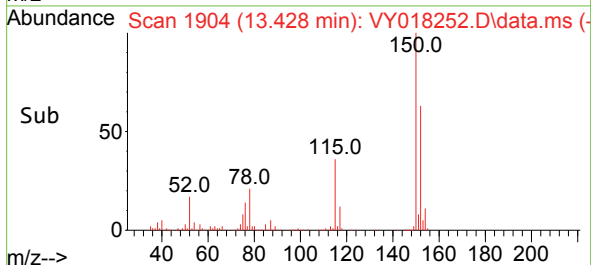
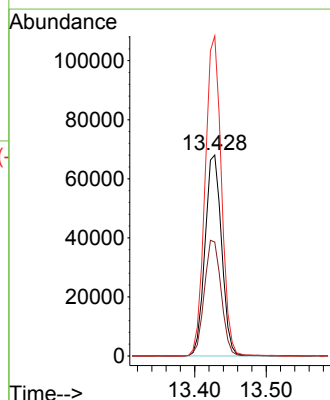
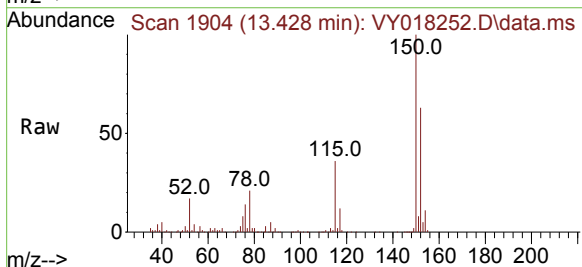
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBL01

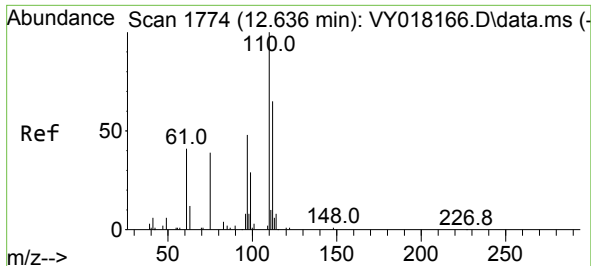
Tgt Ion:117 Resp: 296409
Ion Ratio Lower Upper
117 100
82 50.9 42.4 63.6
119 31.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018252.D
Acq: 14 May 2024 12:22

Tgt Ion:152 Resp: 109749
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 156.3 0.0 345.6

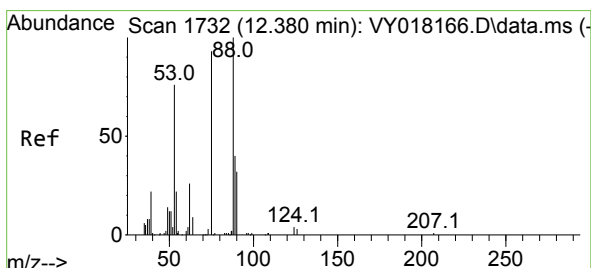
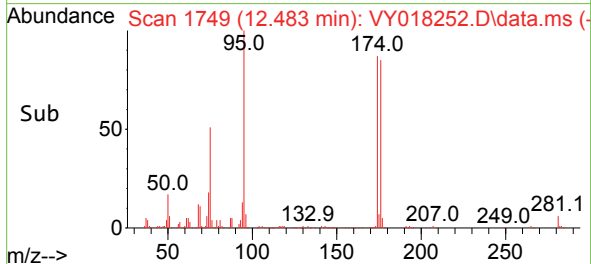
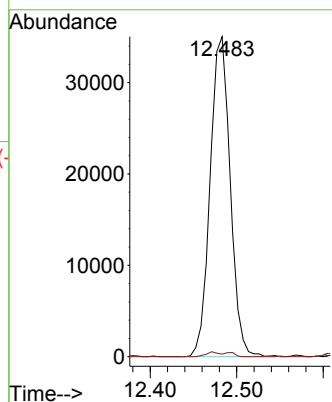
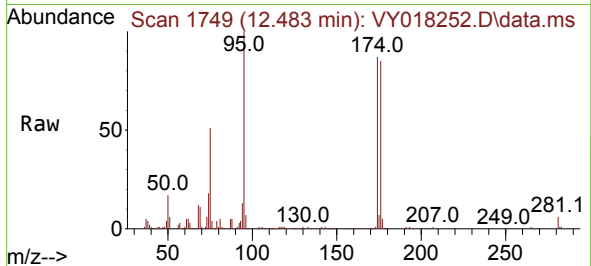




#76
1,2,3-Trichloropropane
Concen: 64.296 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY018252.D
Acq: 14 May 2024 12:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBL01

Tgt Ion: 75 Resp: 56482
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.877 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018252.D
Acq: 14 May 2024 12:22

Tgt Ion: 75 Resp: 56482
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.1 35.8 53.6#

