

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052824\
 Data File : VY018385.D
 Acq On : 28 May 2024 17:13
 Operator : SY/MD
 Sample : P2613-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 29 01:22:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

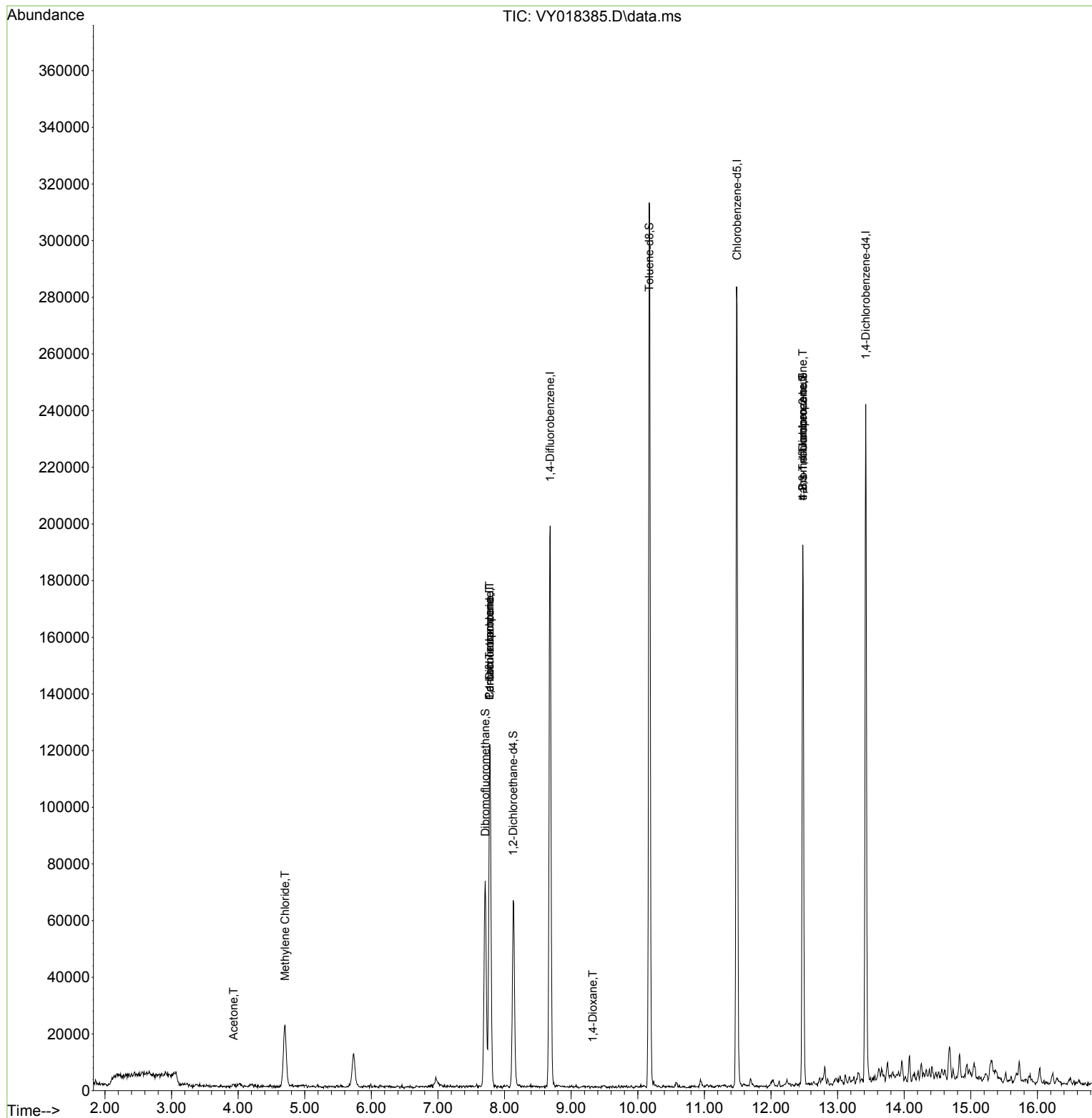
Internal Standards						
1) Pentafluorobenzene	7.777	168	88466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	170429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	152184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	48857	58.292	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.580%	
35) Dibromofluoromethane	7.710	113	51741	52.061	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.120%	
50) Toluene-d8	10.173	98	205698	53.085	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.180%	
62) 4-Bromofluorobenzene	12.477	95	60331	50.389	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	398	Below Cal	#	88
13) Acrolein	3.698	56	22	Below Cal	#	41
16) Acetone	3.930	43	1047	6.074	ug/l #	74
20) Methylene Chloride	4.704	84	16622	13.182	ug/l	96
31) Cyclohexane	7.777	56	2514	Below Cal	#	22
36) 1,1-Dichloropropene	7.777	75	8096	5.617	ug/l #	48
38) Carbon Tetrachloride	7.777	117	9353	6.336	ug/l #	16
49) 1,4-Dioxane	9.325	88	22	2.924	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	33078	63.271	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	33078	130.179	ug/l #	16

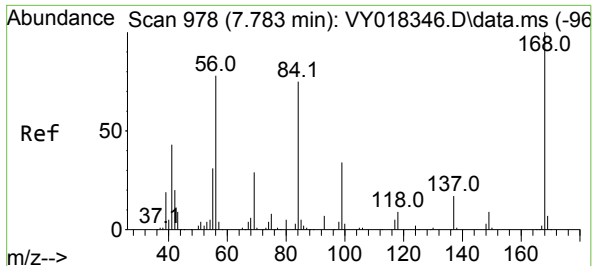
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :

Quant Time: May 29 01:22:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 2024
Response via : Initial Calibration

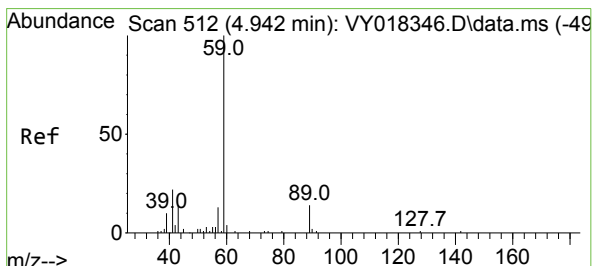
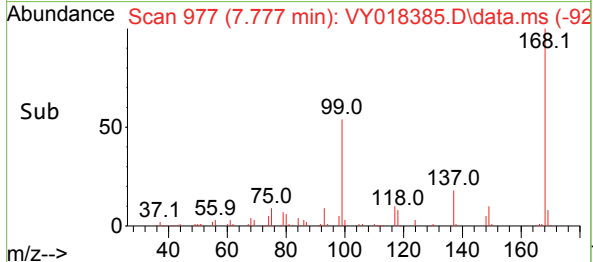
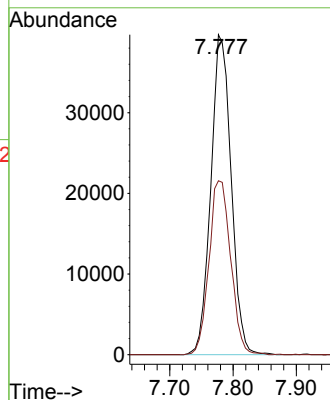
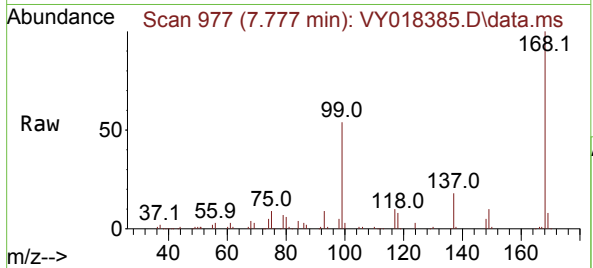




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018385.D
Acq: 28 May 2024 17:13

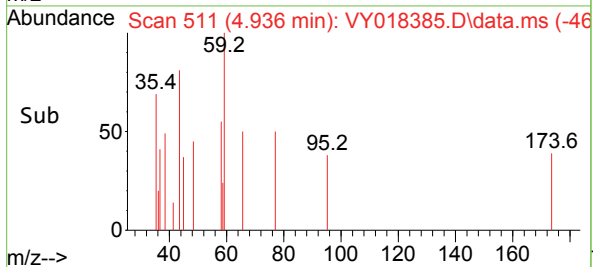
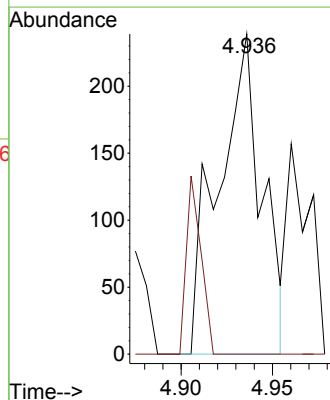
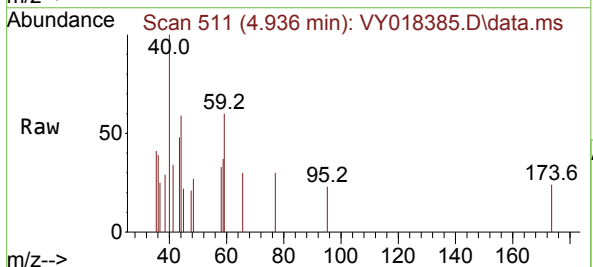
Instrument :
MSVOA_Y
ClientSampleId :

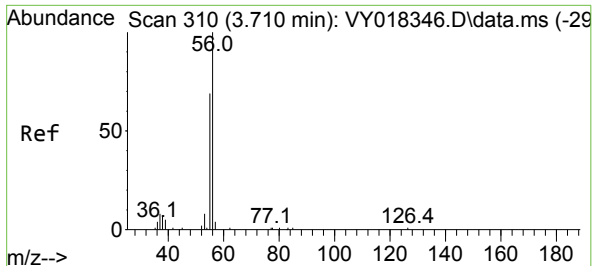
Tgt Ion:168 Resp: 88466
Ion Ratio Lower Upper
168 100
99 54.4 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY018385.D
Acq: 28 May 2024 17:13

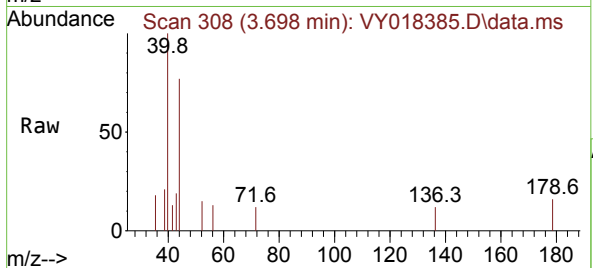
Tgt Ion: 59 Resp: 398
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



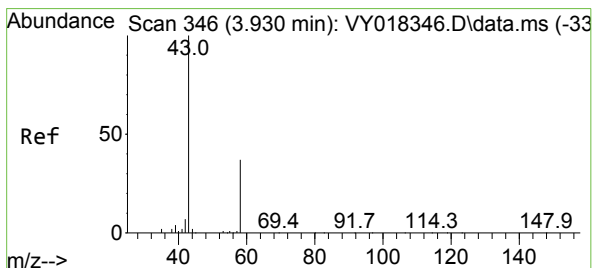
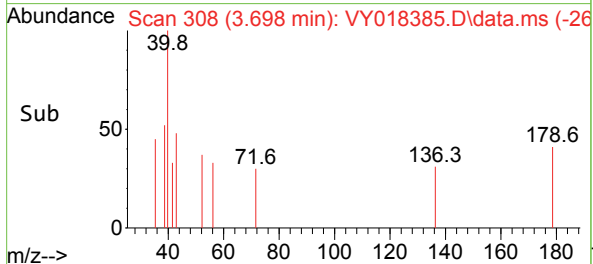
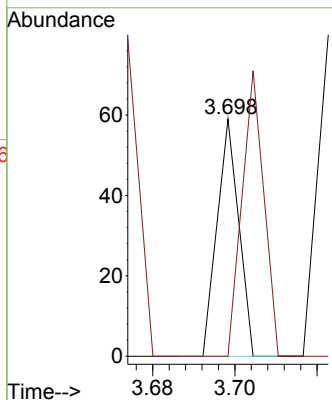


#13
Acrolein
Concen: Below Cal
RT: 3.698 min Scan# 308
Delta R.T. -0.012 min
Lab File: VY018385.D
Acq: 28 May 2024 17:13

Instrument :
MSVOA_Y
ClientSampleId :

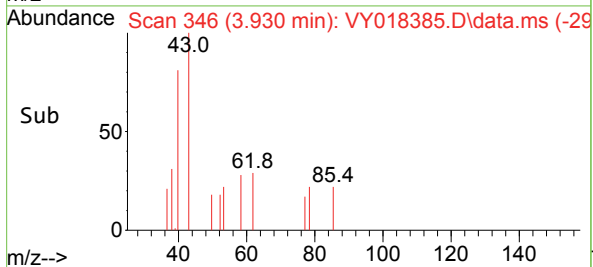
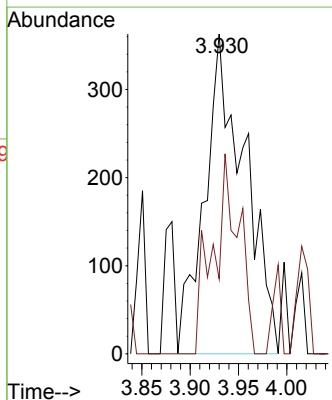
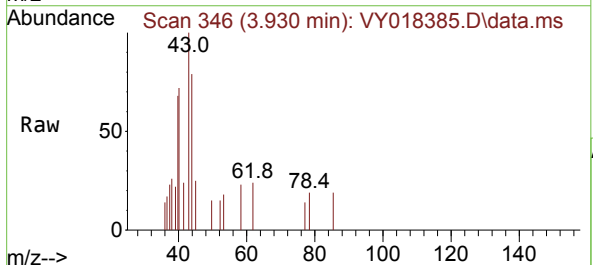


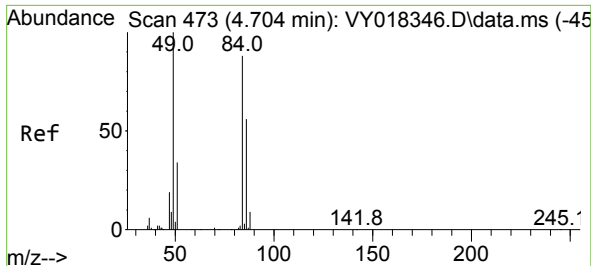
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 118.2 55.7 83.5#



#16
Acetone
Concen: 6.074 ug/l
RT: 3.930 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY018385.D
Acq: 28 May 2024 17:13

Tgt Ion: 43 Resp: 1047
Ion Ratio Lower Upper
43 100
58 23.4 31.7 47.5#

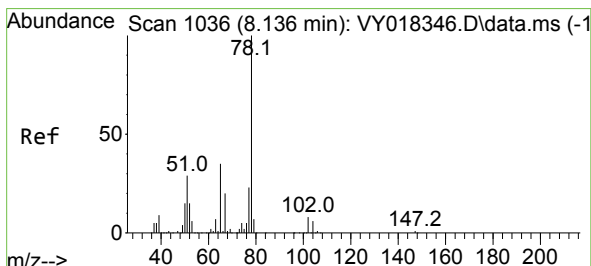
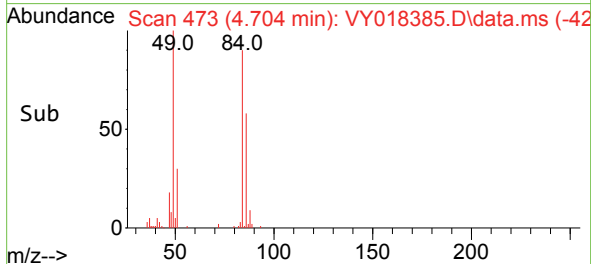
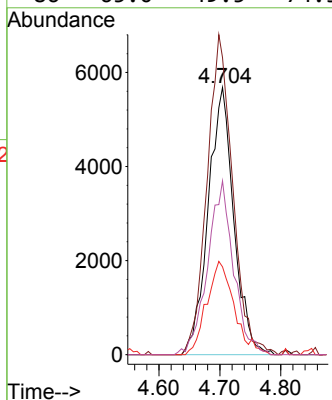
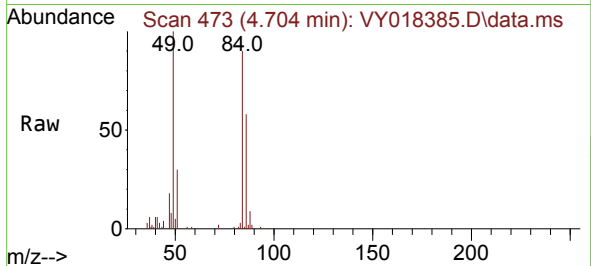




#20
Methylene Chloride
Concen: 13.182 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018385.D
Acq: 28 May 2024 17:13

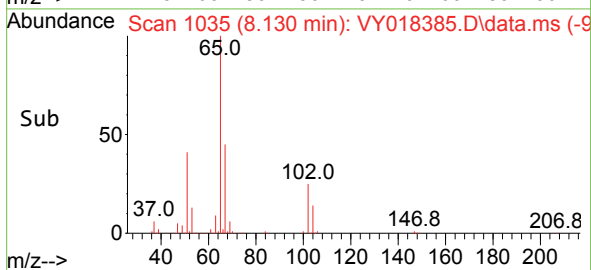
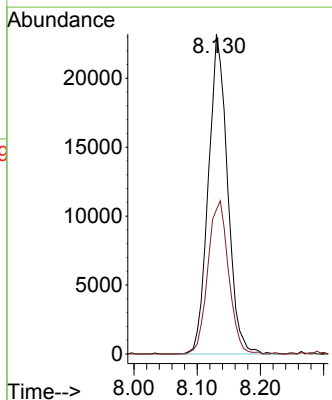
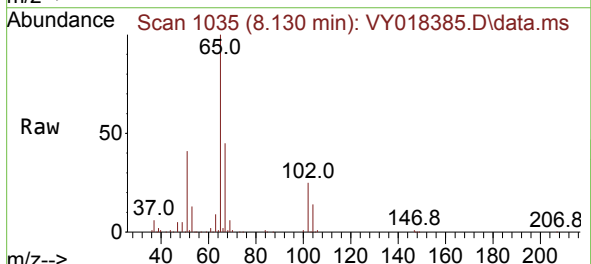
Instrument :
MSVOA_Y
ClientSampleId :

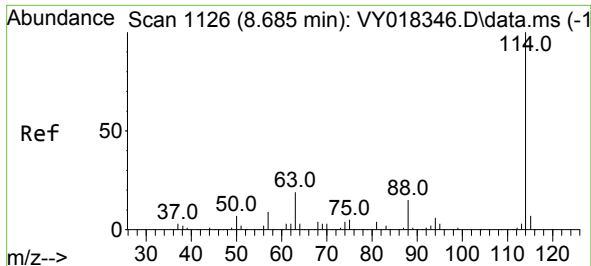
Tgt Ion:	84	Resp:	16622
Ion	Ratio	Lower	Upper
84	100		
49	111.2	84.4	126.6
51	32.9	26.0	39.0
86	65.0	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 58.292 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018385.D
Acq: 28 May 2024 17:13

Tgt Ion:	65	Resp:	48857
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	109.6

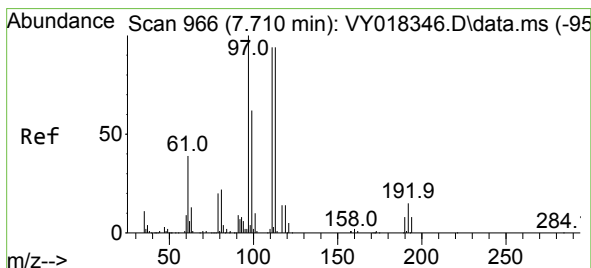
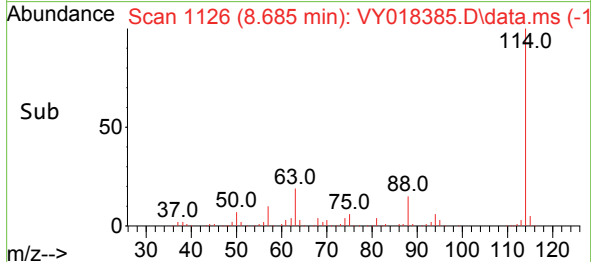
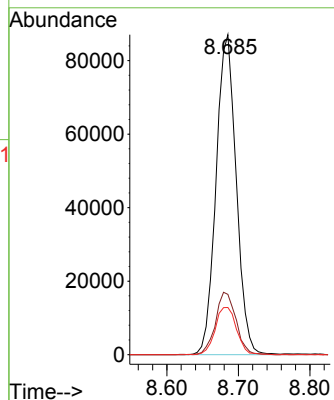
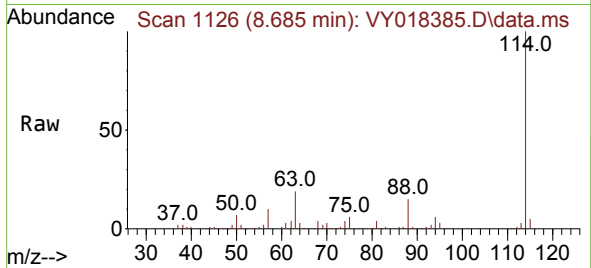




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018385.D
Acq: 28 May 2024 17:13

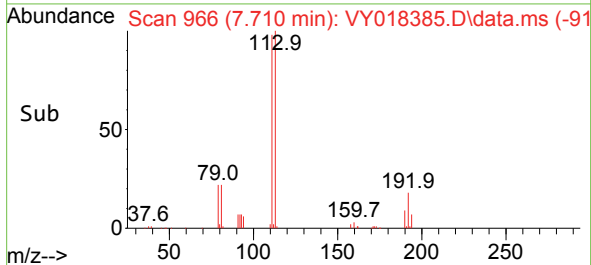
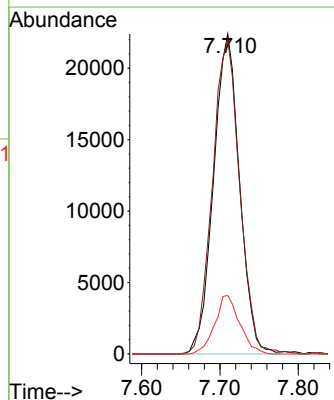
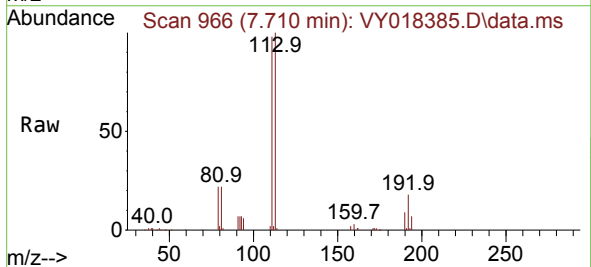
Instrument :
MSVOA_Y
ClientSampleId :

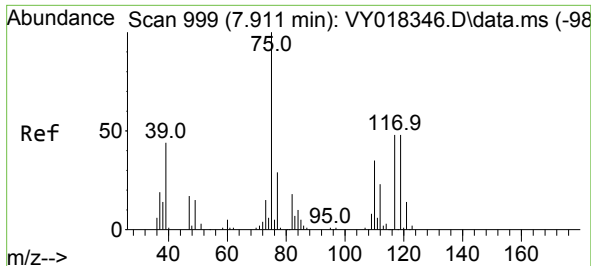
Tgt Ion:114 Resp: 170429
Ion Ratio Lower Upper
114 100
63 18.9 0.0 35.0
88 14.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.061 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY018385.D
Acq: 28 May 2024 17:13

Tgt Ion:113 Resp: 51741
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 17.5 15.9 23.9

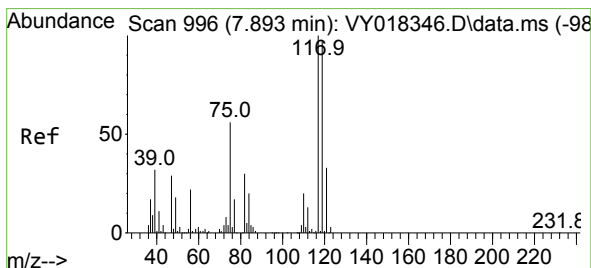
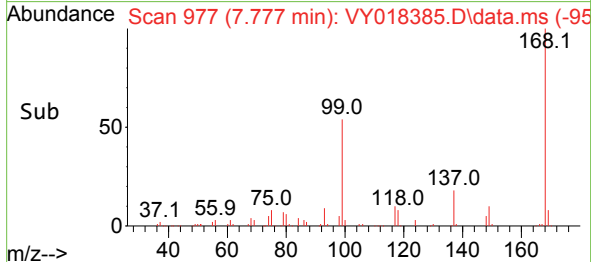
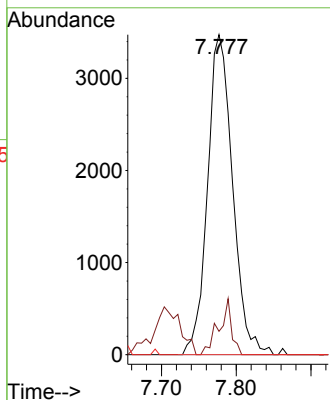
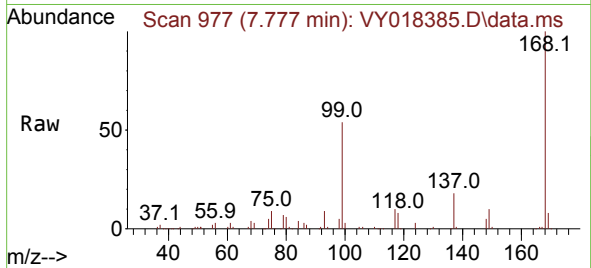




#36
1,1-Dichloropropene
Concen: 5.617 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018385.D
Acq: 28 May 2024 17:13

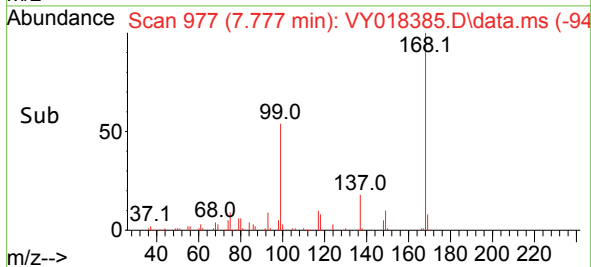
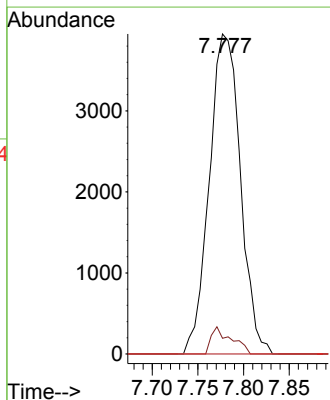
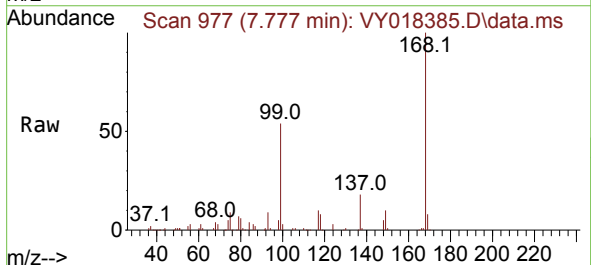
Instrument :
MSVOA_Y
ClientSampleId :

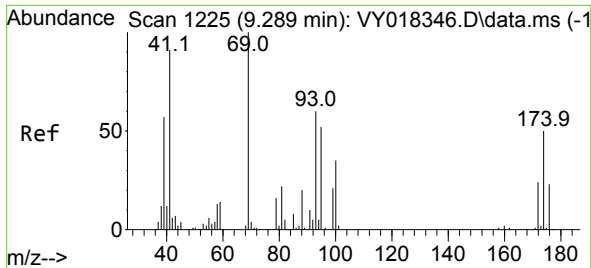
Tgt Ion: 75 Resp: 8096
Ion Ratio Lower Upper
75 100
110 8.9 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.336 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY018385.D
Acq: 28 May 2024 17:13

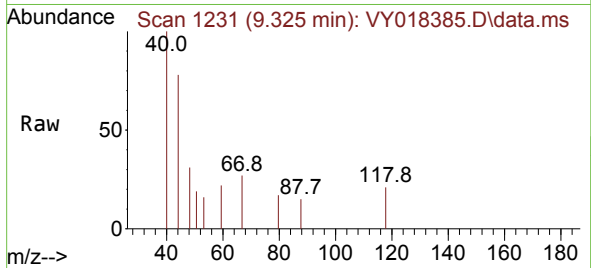
Tgt Ion: 117 Resp: 9353
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.0 36.0#



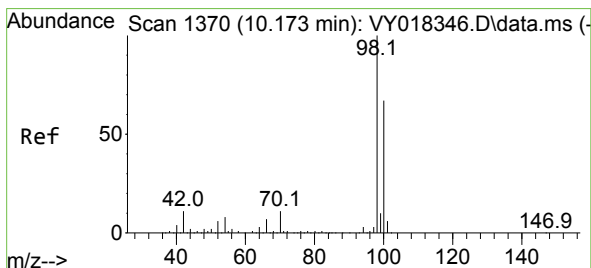
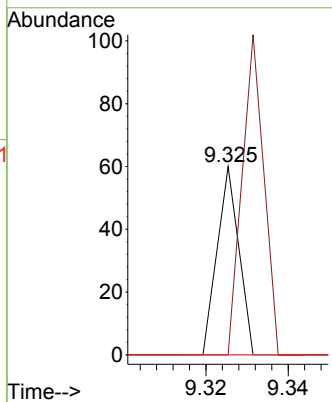
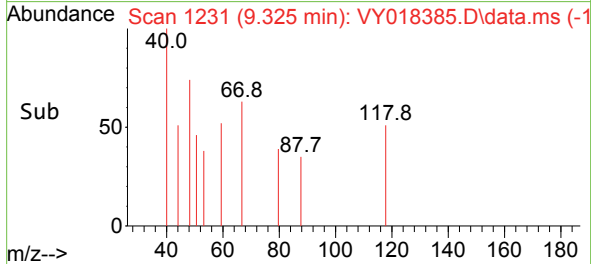


#49
1,4-Dioxane
Concen: 2.924 ug/l
RT: 9.325 min Scan# 1225
Delta R.T. 0.037 min
Lab File: VY018385.D
Acq: 28 May 2024 17:13

Instrument :
MSVOA_Y
ClientSampleId :

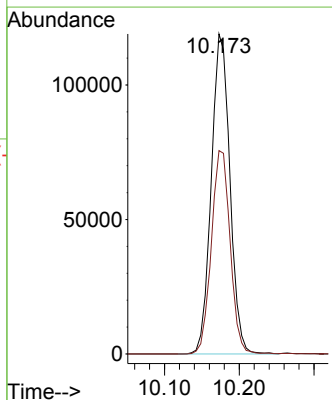
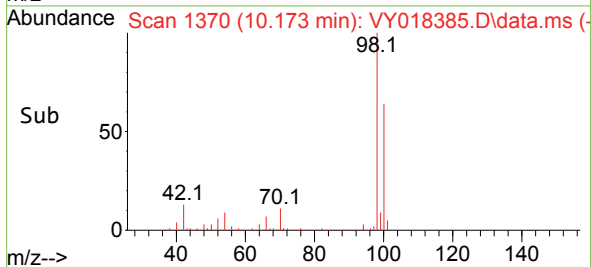
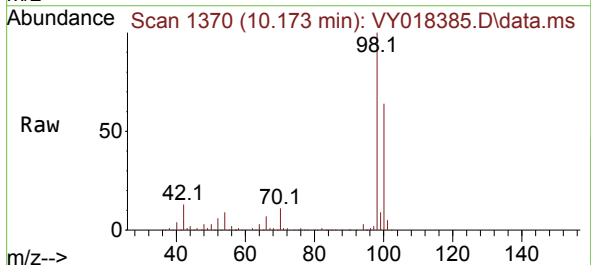


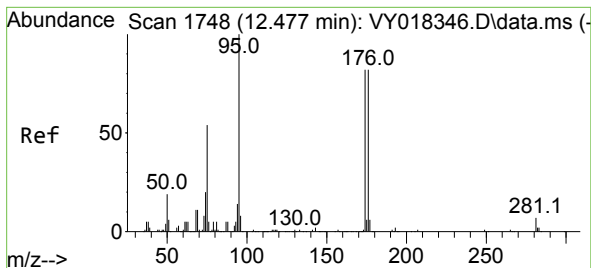
Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 168.2 0.0 0.0#
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 53.085 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018385.D
Acq: 28 May 2024 17:13

Tgt Ion: 98 Resp: 205698
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

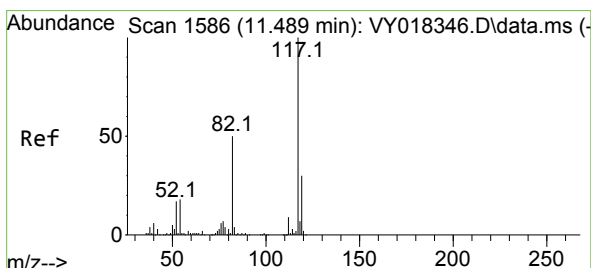
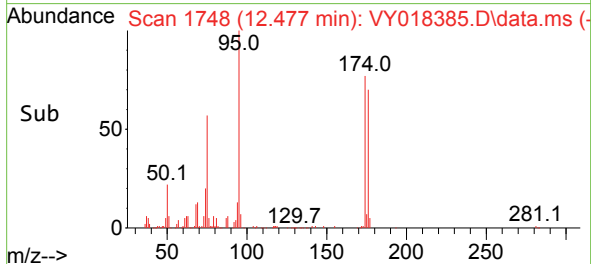
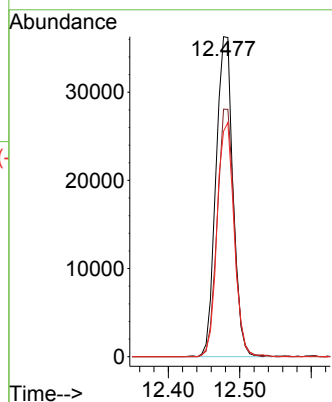
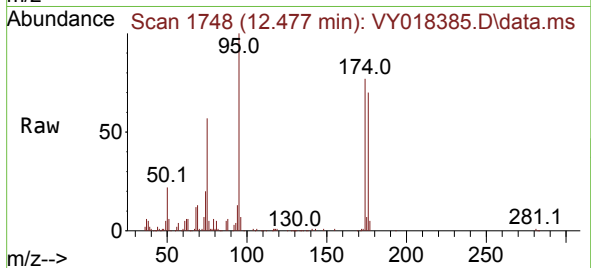




#62
4-Bromofluorobenzene
Concen: 50.389 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018385.D
Acq: 28 May 2024 17:13

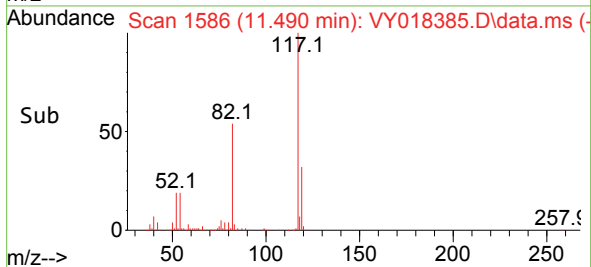
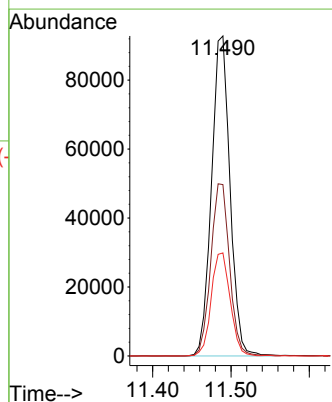
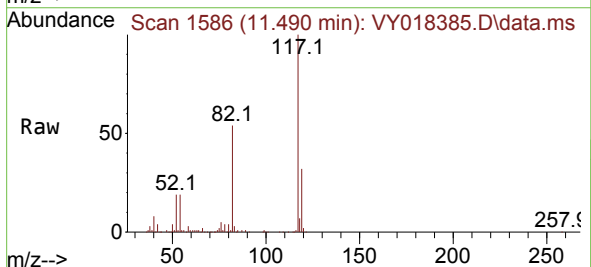
Instrument :
MSVOA_Y
ClientSampleId :

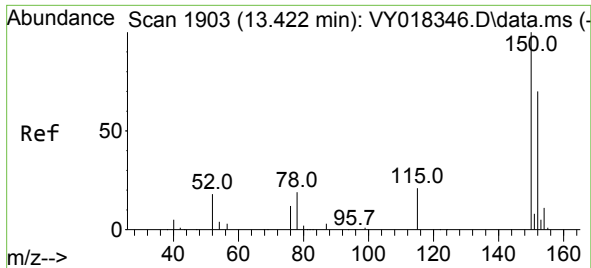
Tgt Ion: 95 Resp: 60331
Ion Ratio Lower Upper
95 100
174 76.8 0.0 175.6
176 72.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018385.D
Acq: 28 May 2024 17:13

Tgt Ion: 117 Resp: 152184
Ion Ratio Lower Upper
117 100
82 53.5 42.4 63.6
119 32.2 25.9 38.9

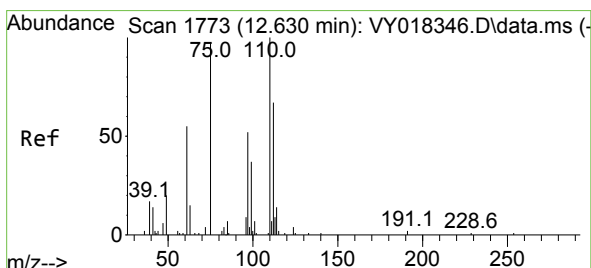
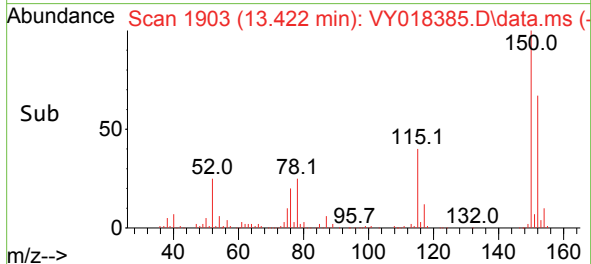
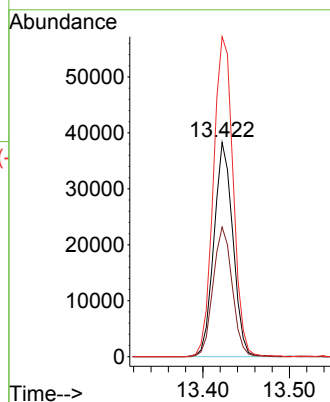
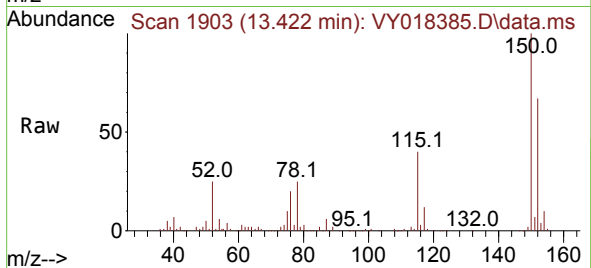




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018385.D
 Acq: 28 May 2024 17:13

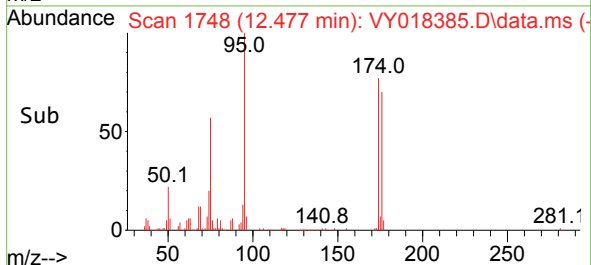
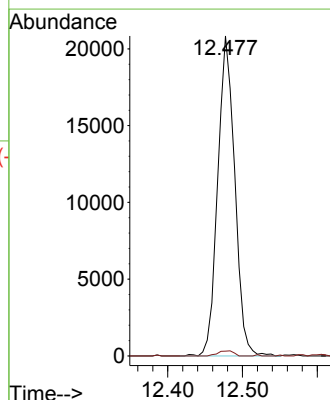
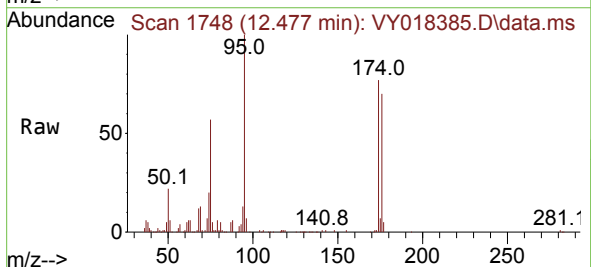
Instrument :
 MSVOA_Y
 ClientSampleId :

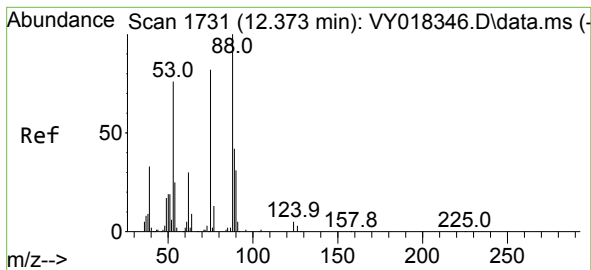
Tgt Ion:152 Resp: 58168
 Ion Ratio Lower Upper
 152 100
 115 61.0 28.2 84.7
 150 155.9 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 63.271 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY018385.D
 Acq: 28 May 2024 17:13

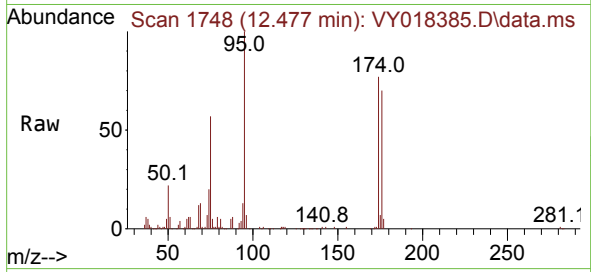
Tgt Ion: 75 Resp: 33078
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.179 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018385.D
 Acq: 28 May 2024 17:13

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.2	35.8	53.6#

