

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018195.D
 Acq On : 08 May 2024 17:59
 Operator : SY/MD
 Sample : P2411-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 09 02:29:37 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)

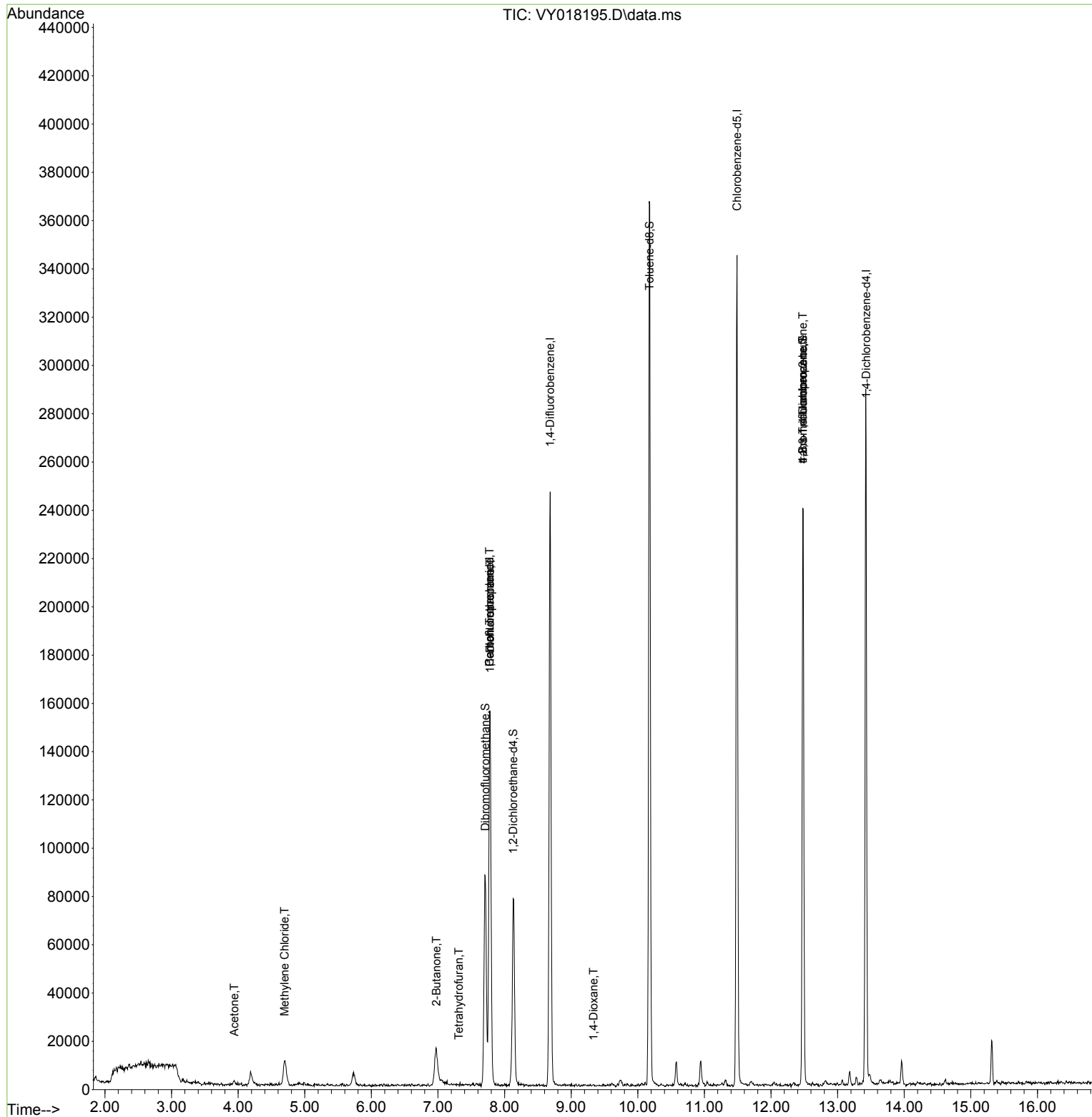
Internal Standards						
1) Pentafluorobenzene	7.776	168	125242	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	228909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	195743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	55661	60.411	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.820%	
35) Dibromofluoromethane	7.709	113	65536	54.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.960%	
50) Toluene-d8	10.178	98	252360	53.233	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.460%	
62) 4-Bromofluorobenzene	12.477	95	76328	49.856	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	517	Below Cal	#	58
13) Acrolein	3.716	56	98	Below Cal	#	35
16) Acetone	3.942	43	2445	13.298	ug/l	90
20) Methylene Chloride	4.698	84	7943	6.112	ug/l	92
25) 2-Butanone	6.978	43	321	1.092	ug/l #	41
29) Tetrahydrofuran	7.313	42	331	1.706	ug/l #	42
31) Cyclohexane	7.783	56	2539	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	9872	5.724	ug/l #	49
38) Carbon Tetrachloride	7.776	117	12373	6.566	ug/l #	16
49) 1,4-Dioxane	9.337	88	19	2.053	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	38008	61.695	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	38008	118.865	ug/l #	16

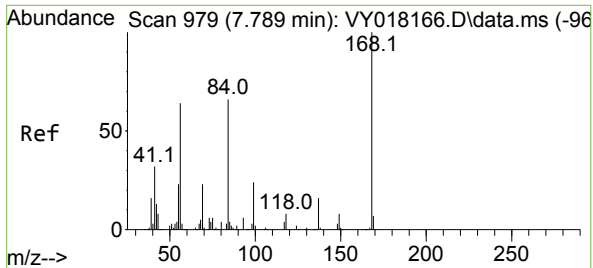
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
Data File : VY018195.D
Acq On : 08 May 2024 17:59
Operator : SY/MD
Sample : P2411-03
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

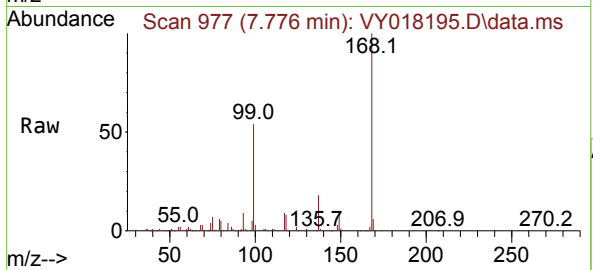
Quant Time: May 09 02:29:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration



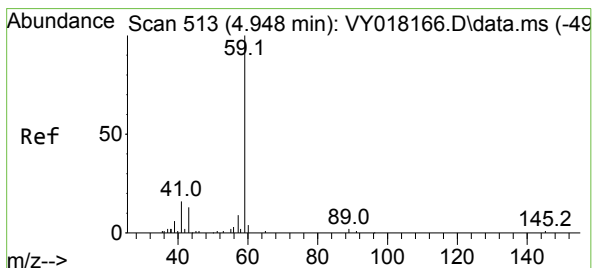
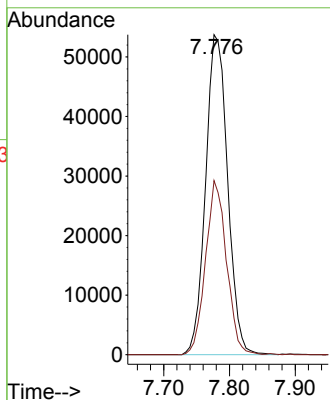
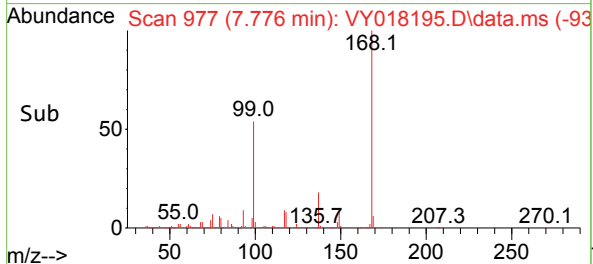


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.013 min
Lab File: VY018195.D
Acq: 08 May 2024 17:59

Instrument :
MSVOA_Y
ClientSampleId :

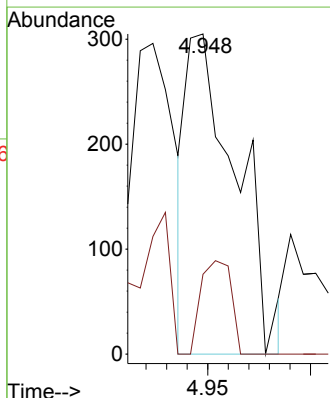
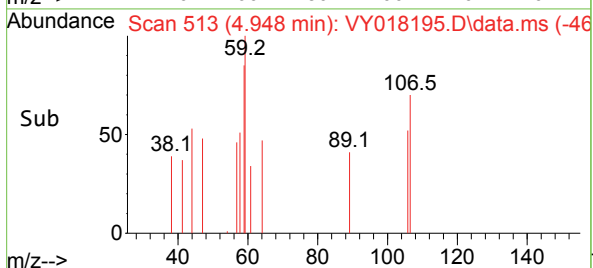
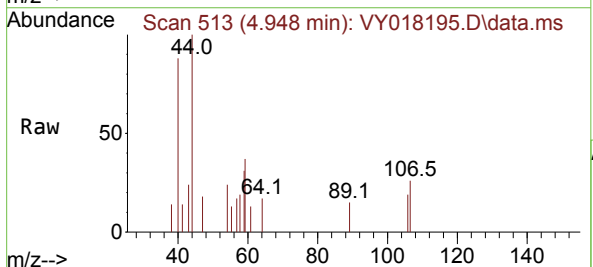


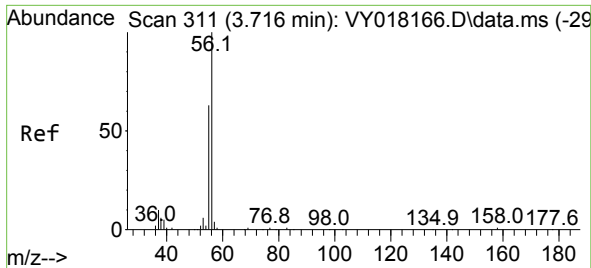
Tgt Ion:168 Resp: 125242
Ion Ratio Lower Upper
168 100
99 54.4 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY018195.D
Acq: 08 May 2024 17:59

Tgt Ion: 59 Resp: 517
Ion Ratio Lower Upper
59 100
57 17.6 3.0 4.6#

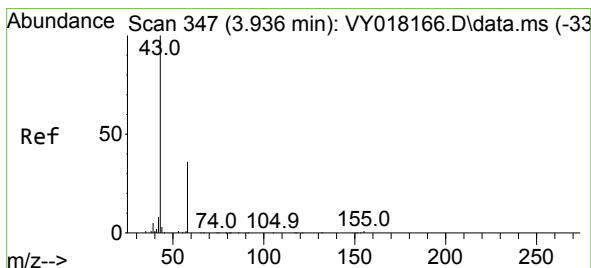
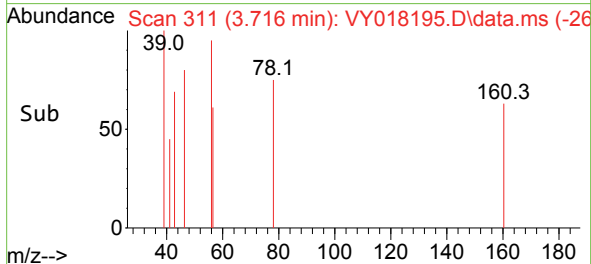
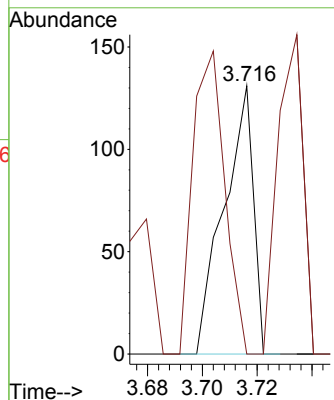
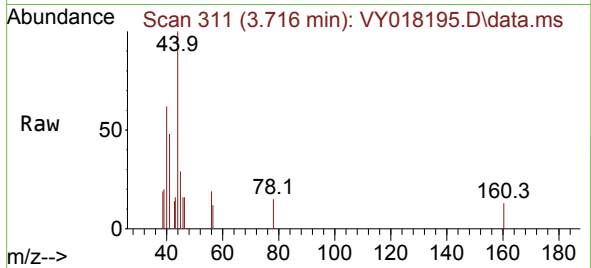




#13
Acrolein
Concen: Below Cal
RT: 3.716 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY018195.D
Acq: 08 May 2024 17:59

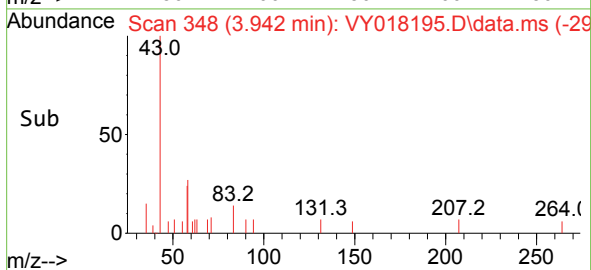
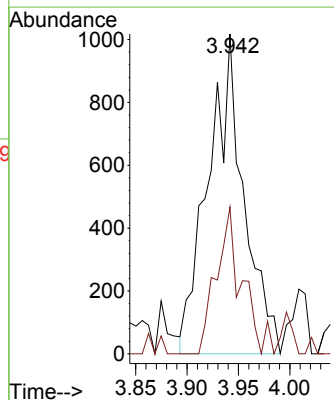
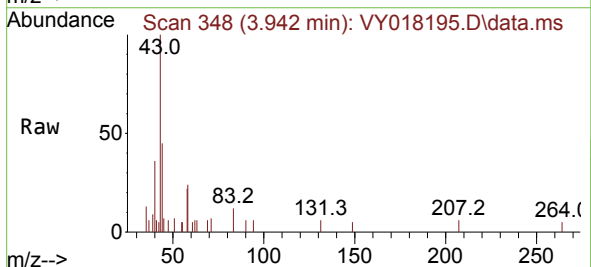
Instrument :
MSVOA_Y
ClientSampleId :

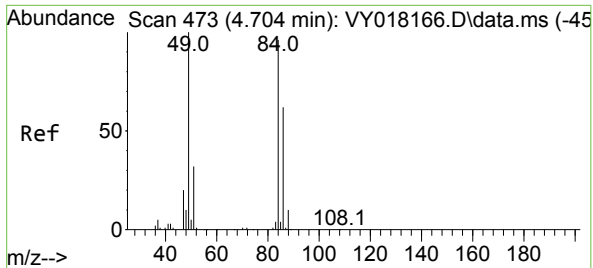
Tgt Ion: 56 Resp: 98
Ion Ratio Lower Upper
56 100
55 122.4 55.7 83.5#



#16
Acetone
Concen: 13.298 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018195.D
Acq: 08 May 2024 17:59

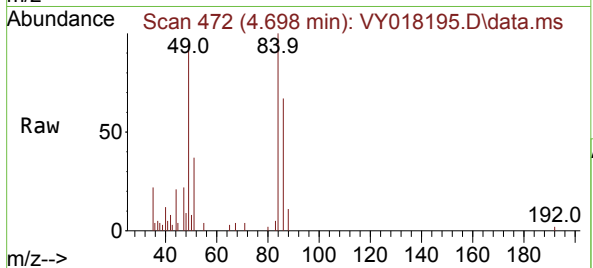
Tgt Ion: 43 Resp: 2445
Ion Ratio Lower Upper
43 100
58 45.9 31.7 47.5



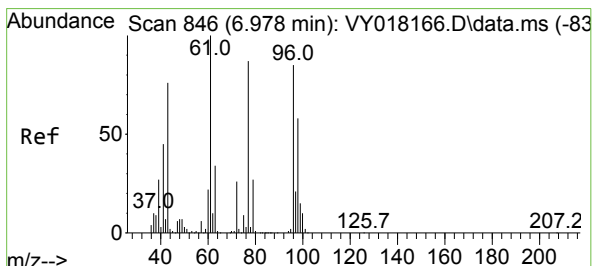
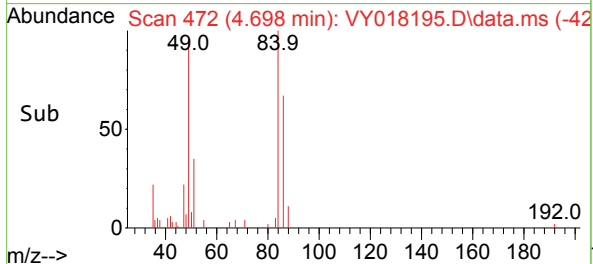
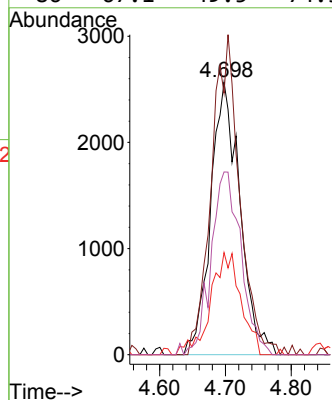


#20
Methylene Chloride
Concen: 6.112 ug/l
RT: 4.698 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY018195.D
Acq: 08 May 2024 17:59

Instrument :
MSVOA_Y
ClientSampleId :

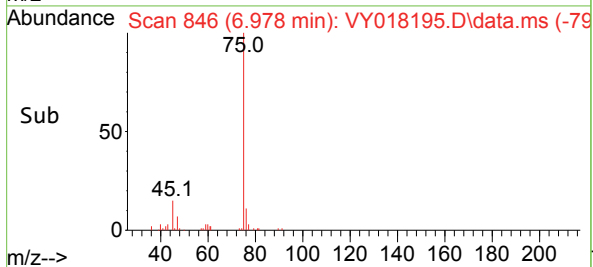
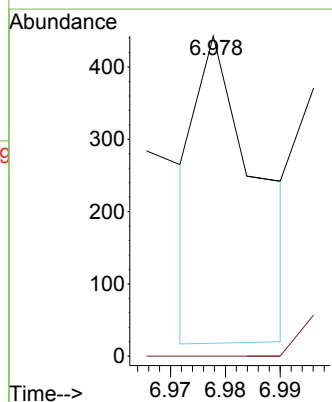
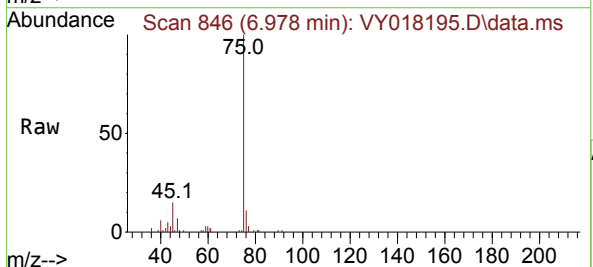


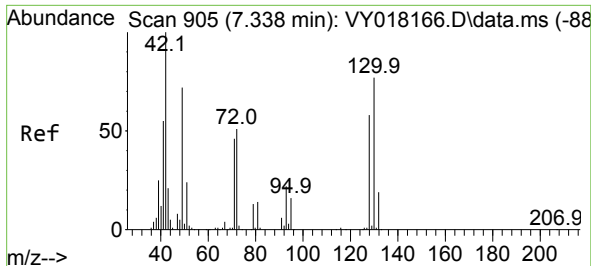
Tgt Ion: 84	Resp: 7943
Ion Ratio	Lower Upper
84 100	
49 96.0	84.4 126.6
51 35.4	26.0 39.0
86 67.1	49.5 74.3



#25
2-Butanone
Concen: 1.092 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY018195.D
Acq: 08 May 2024 17:59

Tgt Ion: 43	Resp: 321		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	27.3	40.9#	





#29

Tetrahydrofuran

Concen: 1.706 ug/l

RT: 7.313 min Scan# 905

Delta R.T. -0.025 min

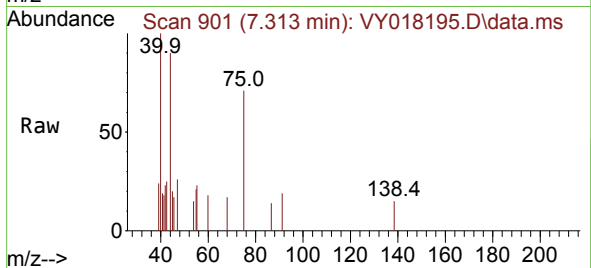
Lab File: VY018195.D

Acq: 08 May 2024 17:59

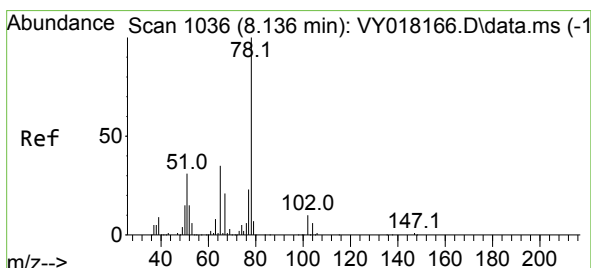
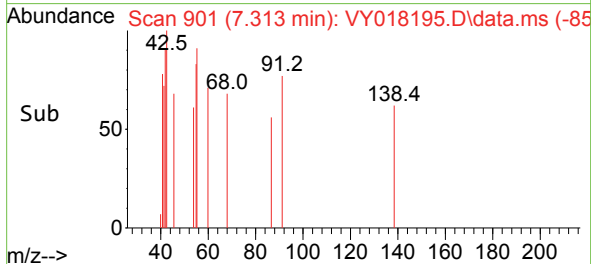
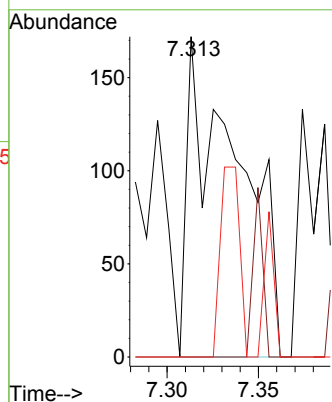
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	331
Ion Ratio	Lower	Upper	
42	100		
72	0.0	43.0	64.4#
71	22.7	40.8	61.2#



#33

1,2-Dichloroethane-d4

Concen: 60.411 ug/l

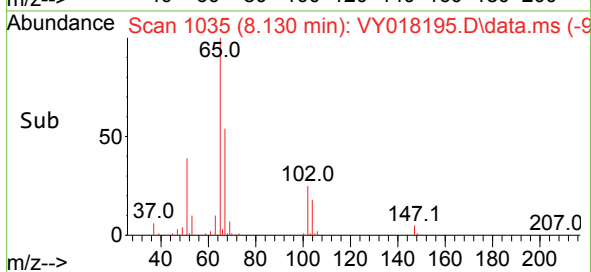
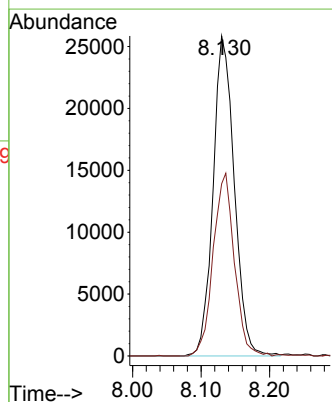
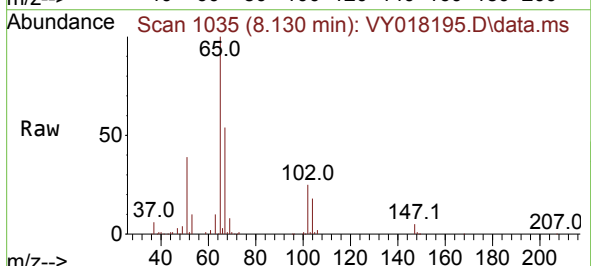
RT: 8.130 min Scan# 1035

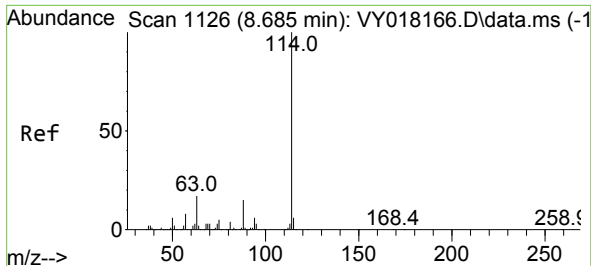
Delta R.T. -0.006 min

Lab File: VY018195.D

Acq: 08 May 2024 17:59

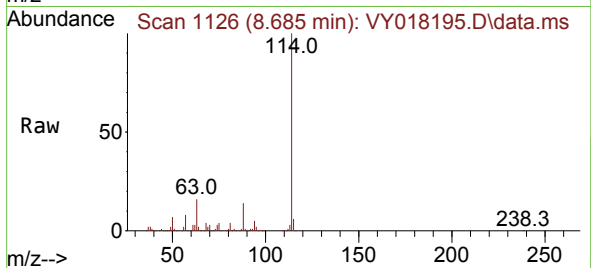
Tgt Ion:	65	Resp:	55661
Ion Ratio	Lower	Upper	
65	100		
67	57.2	0.0	109.6



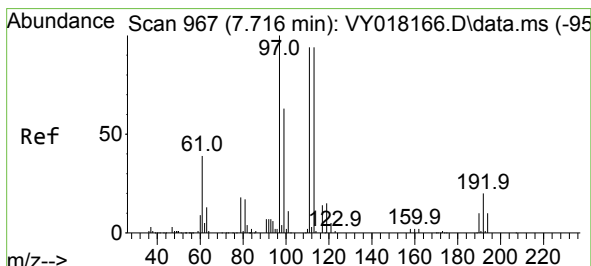
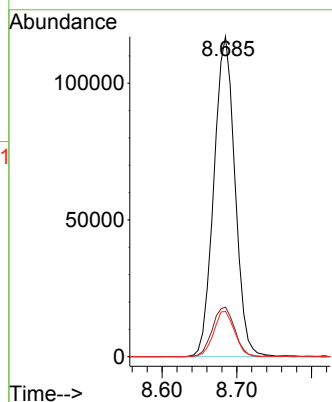
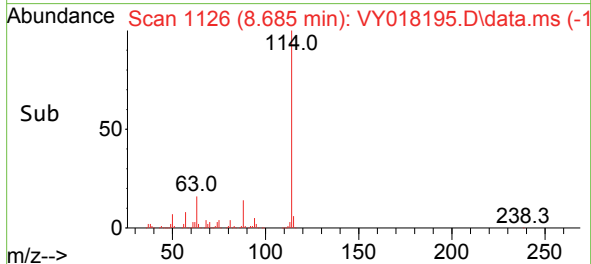


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018195.D
Acq: 08 May 2024 17:59

Instrument :
MSVOA_Y
ClientSampleId :

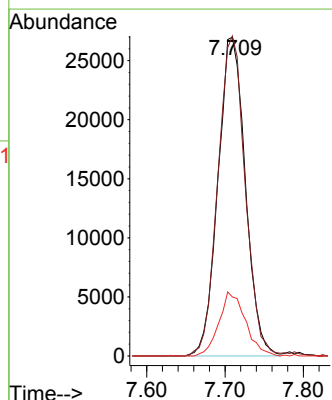
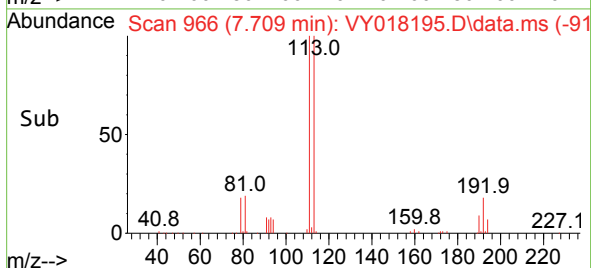
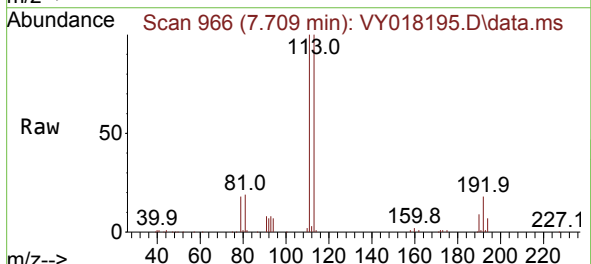


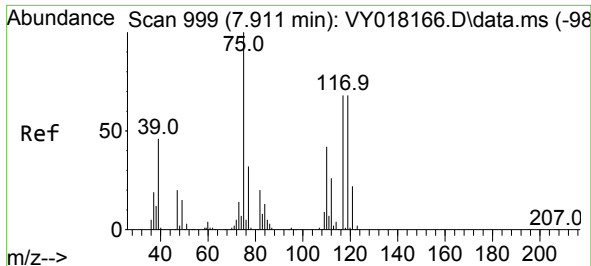
Tgt Ion:114 Resp: 228909
Ion Ratio Lower Upper
114 100
63 15.5 0.0 35.0
88 14.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 54.476 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018195.D
Acq: 08 May 2024 17:59

Tgt Ion:113 Resp: 65536
Ion Ratio Lower Upper
113 100
111 99.9 82.2 123.4
192 19.5 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.724 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

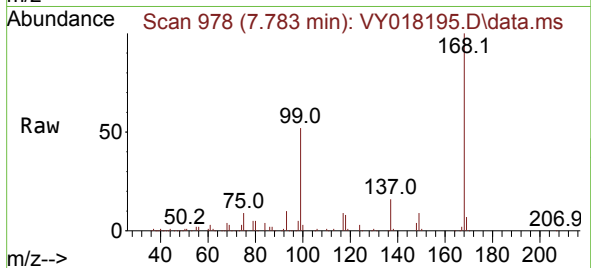
Lab File: VY018195.D

Acq: 08 May 2024 17:59

Instrument :

MSVOA_Y

ClientSampleId :



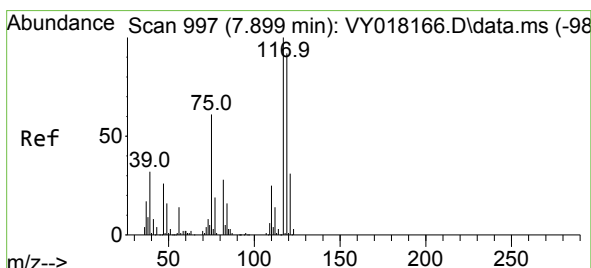
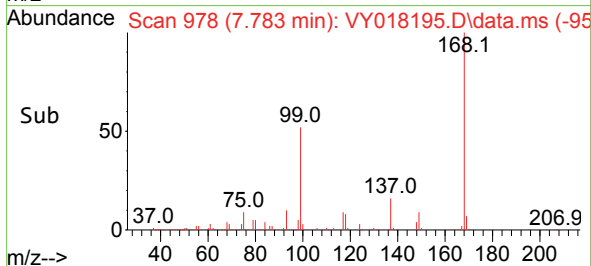
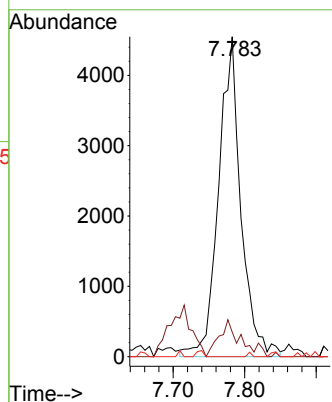
Tgt Ion: 75 Resp: 9872

Ion Ratio Lower Upper

75 100

110 10.0 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.566 ug/l

RT: 7.776 min Scan# 977

Delta R.T. -0.122 min

Lab File: VY018195.D

Acq: 08 May 2024 17:59

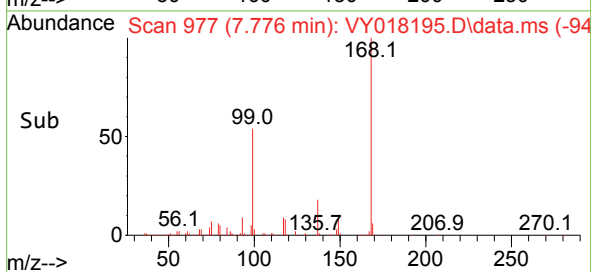
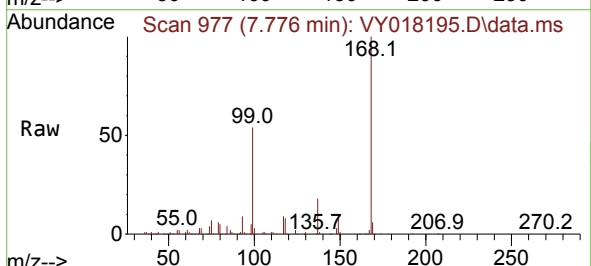
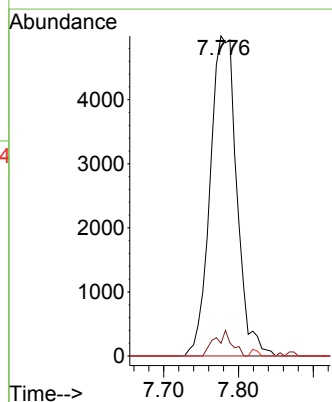
Tgt Ion: 117 Resp: 12373

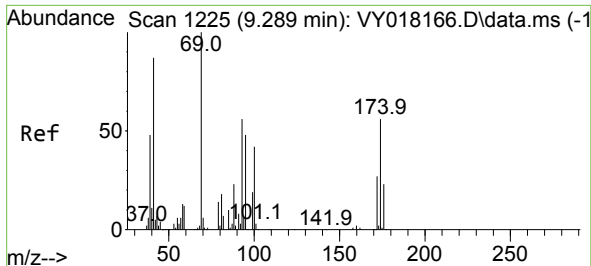
Ion Ratio Lower Upper

117 100

119 3.9 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 2.053 ug/l

RT: 9.337 min Scan# 1225

Delta R.T. 0.049 min

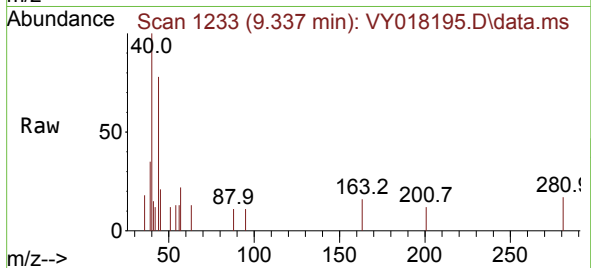
Lab File: VY018195.D

Acq: 08 May 2024 17:59

Instrument :

MSVOA_Y

ClientSampleId :



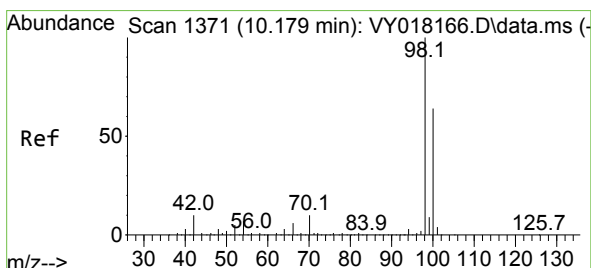
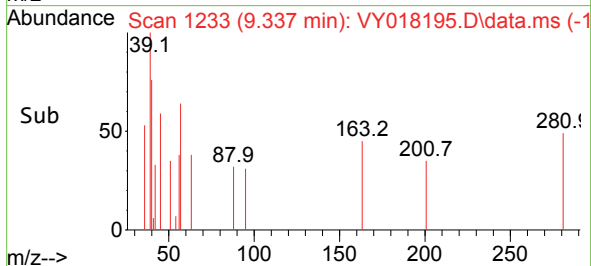
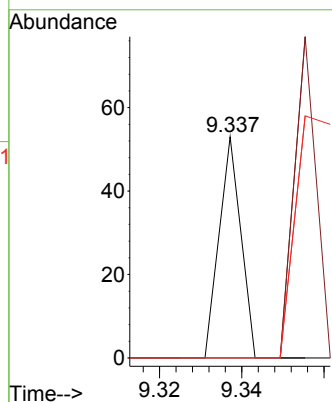
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 257.9 0.0 0.0#

58 221.1 49.3 73.9#



#50

Toluene-d8

Concen: 53.233 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018195.D

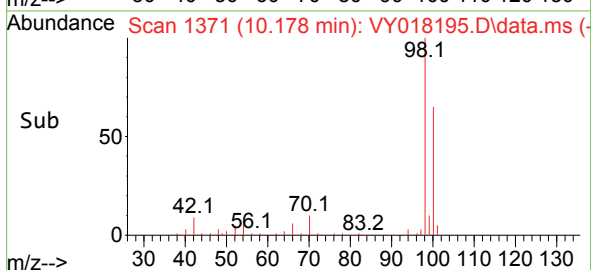
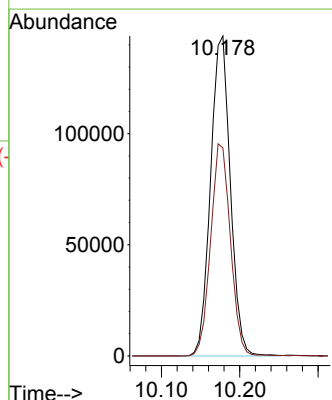
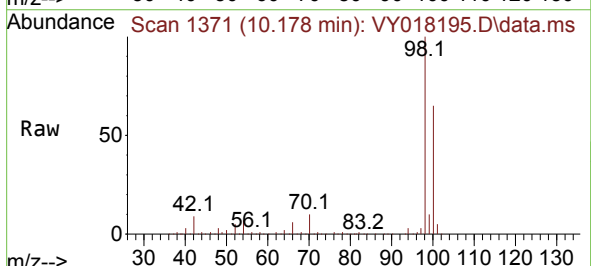
Acq: 08 May 2024 17:59

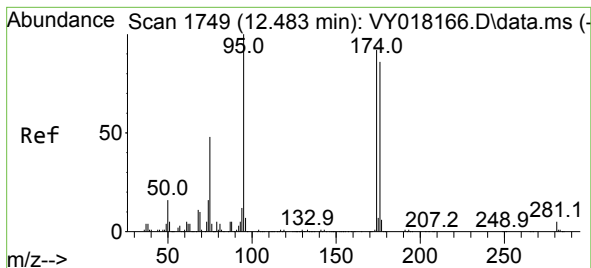
Tgt Ion: 98 Resp: 252360

Ion Ratio Lower Upper

98 100

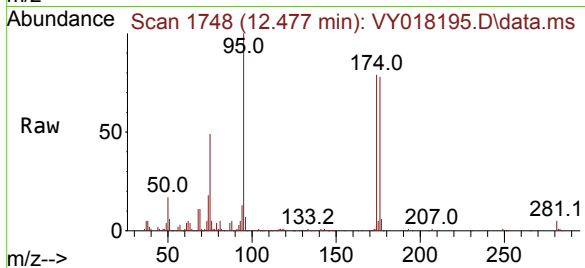
100 66.4 52.0 78.0



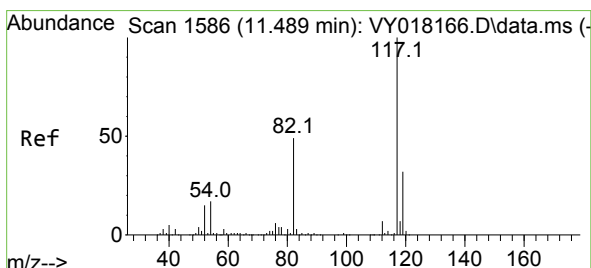
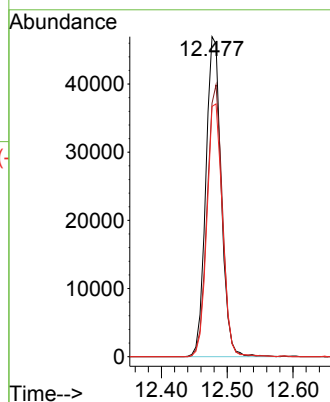
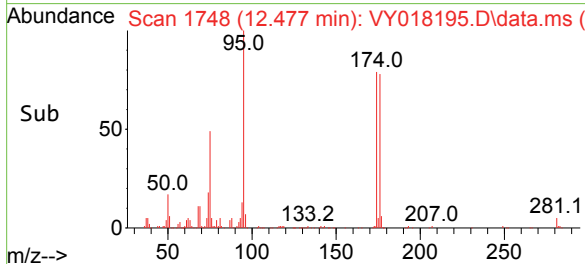


#62
4-Bromofluorobenzene
Concen: 49.856 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018195.D
Acq: 08 May 2024 17:59

Instrument :
MSVOA_Y
ClientSampleId :

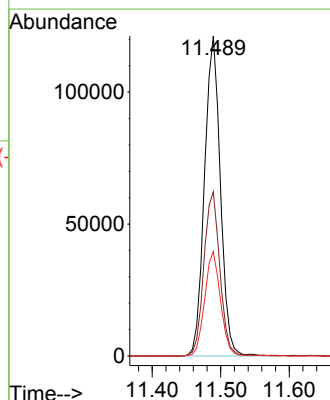
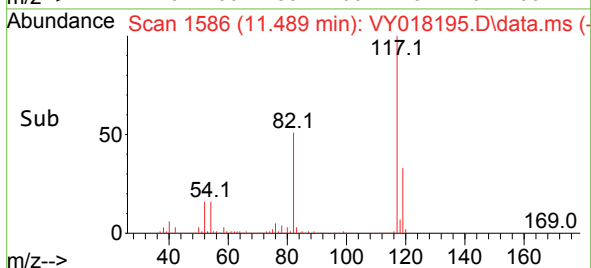
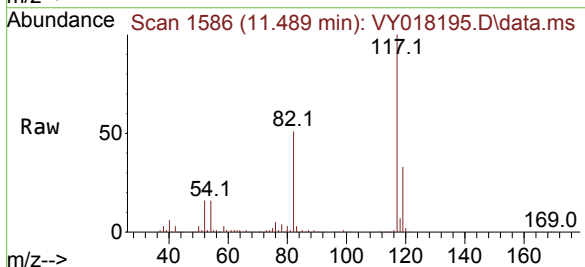


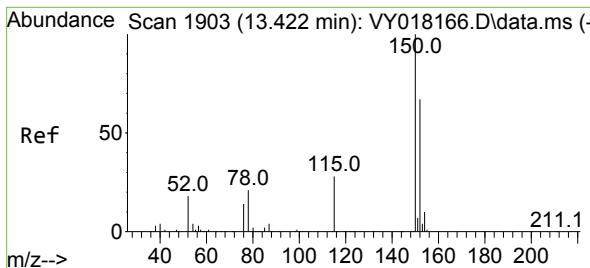
Tgt Ion: 95 Resp: 76328
Ion Ratio Lower Upper
95 100
174 84.6 0.0 175.6
176 80.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018195.D
Acq: 08 May 2024 17:59

Tgt Ion: 117 Resp: 195743
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 32.6 25.9 38.9

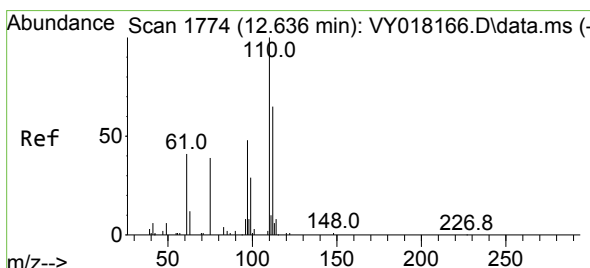
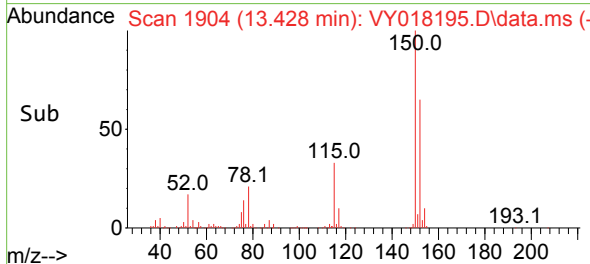
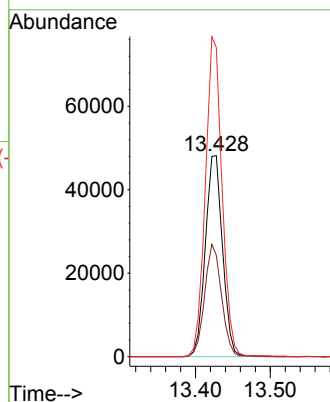
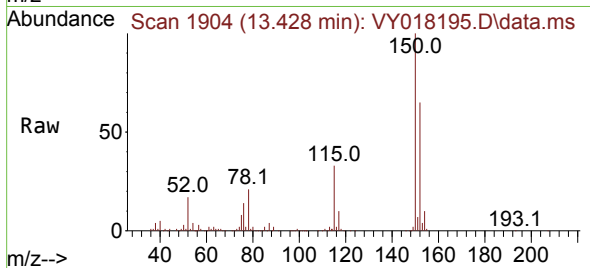




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY018195.D
Acq: 08 May 2024 17:59

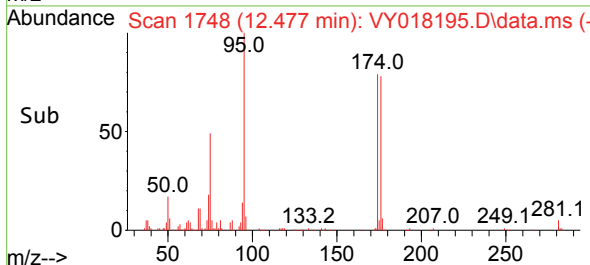
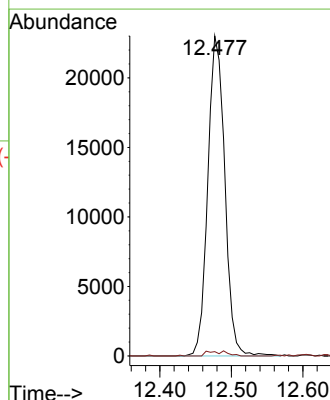
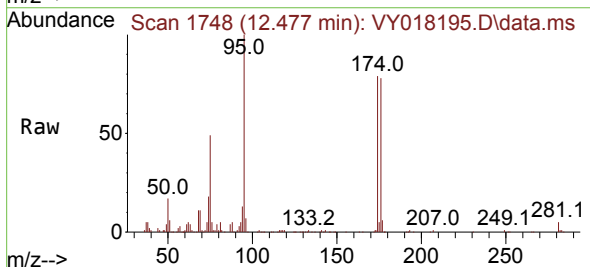
Instrument :
MSVOA_Y
ClientSampleId :

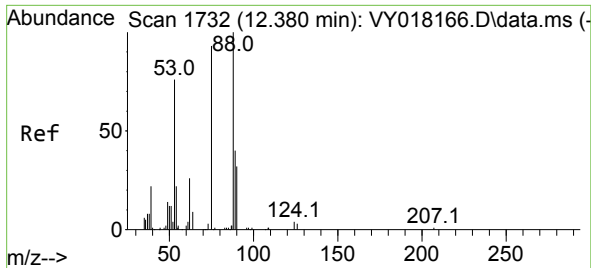
Tgt Ion:152 Resp: 76966
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 154.0 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 61.695 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY018195.D
Acq: 08 May 2024 17:59

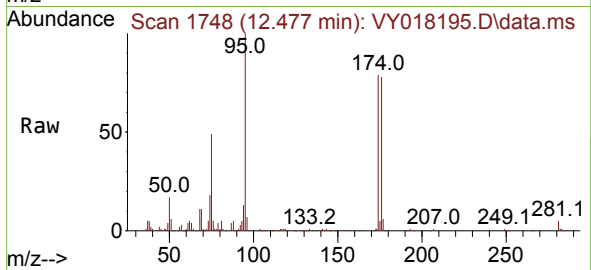
Tgt Ion: 75 Resp: 38008
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 118.865 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY018195.D
Acq: 08 May 2024 17:59

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	66.8	100.2#
89	0.3	35.8	53.6#

