

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016807.D
 Acq On : 22 Dec 2023 14:50
 Operator : SY/MD
 Sample : 05877-06
 Misc : 2.12g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 22 22:59:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

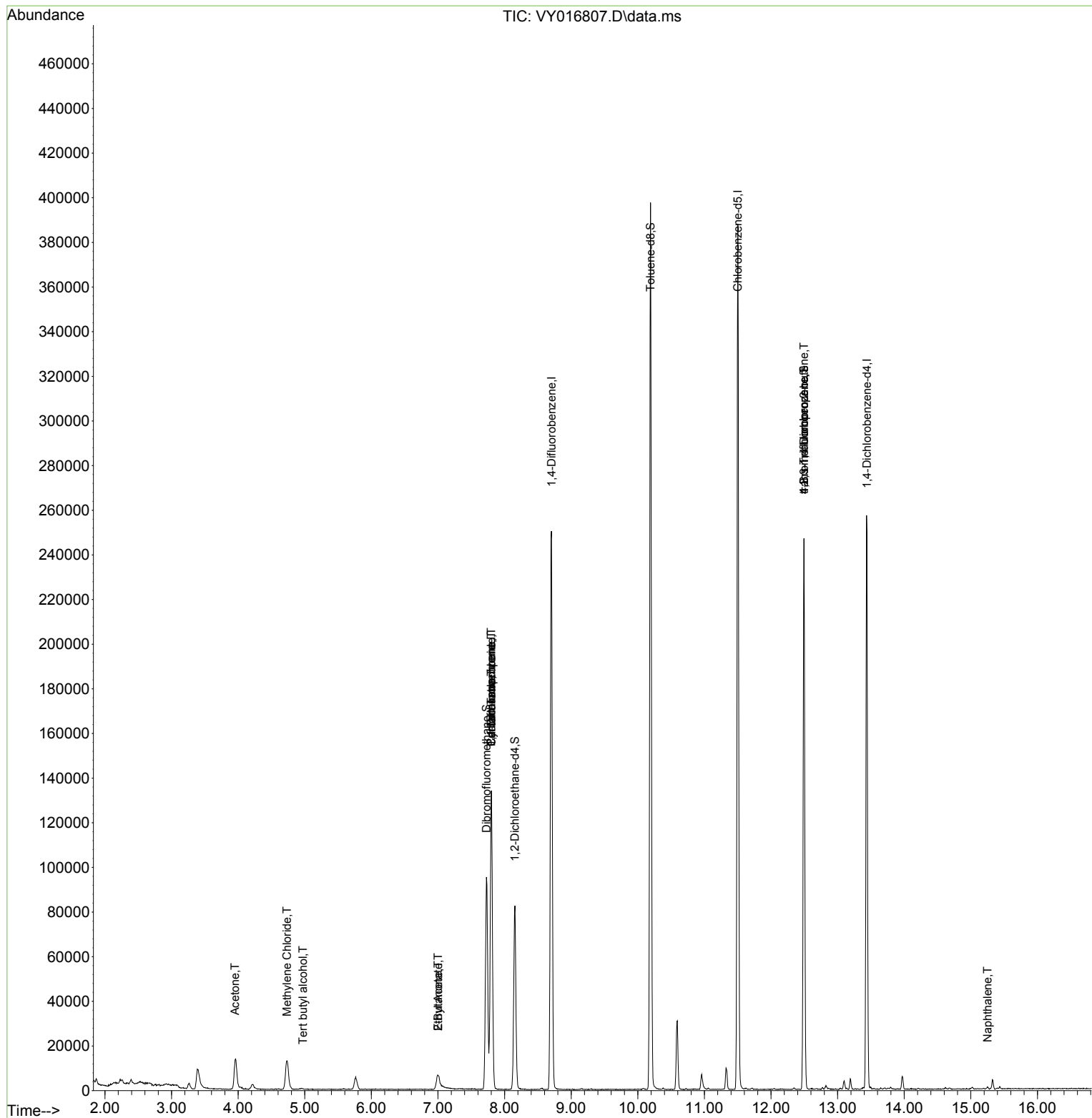
Internal Standards						
1) Pentafluorobenzene	7.801	168	101513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	216160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	207017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	64723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	61585	66.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.920%	
35) Dibromofluoromethane	7.728	113	69542	56.163	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.320%	
50) Toluene-d8	10.191	98	254090	56.924	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.840%	
62) 4-Bromofluorobenzene	12.495	95	70971	49.008	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	736	9.687	ug/l #	75
16) Acetone	3.954	43	25587	102.106	ug/l	98
20) Methylene Chloride	4.734	84	10033	5.072	ug/l #	92
25) 2-Butanone	7.002	43	3679	10.663	ug/l	94
31) Cyclohexane	7.801	56	2162	1.218	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	9152	4.610	ug/l #	48
37) Ethyl Acetate	7.002	43	3679	4.324	ug/l #	76
38) Carbon Tetrachloride	7.801	117	10568	5.380	ug/l #	17
76) 1,2,3-Trichloropropane	12.495	75	37670	52.650	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	37670	123.645	ug/l #	13
95) Naphthalene	15.251	128	962	4.021	ug/l #	89

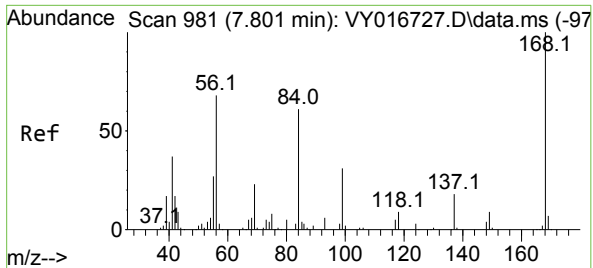
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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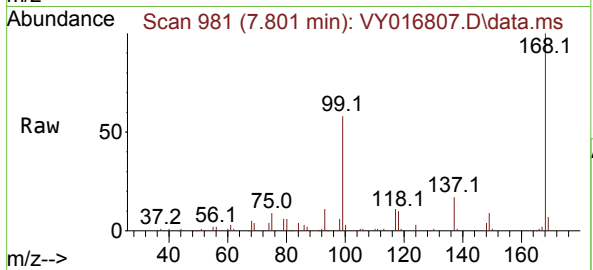
Quant Time: Dec 22 22:59:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration



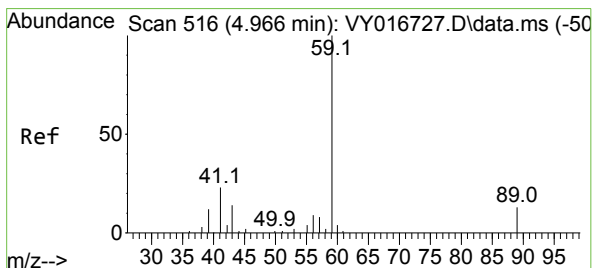
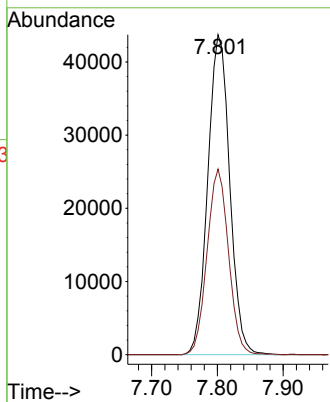
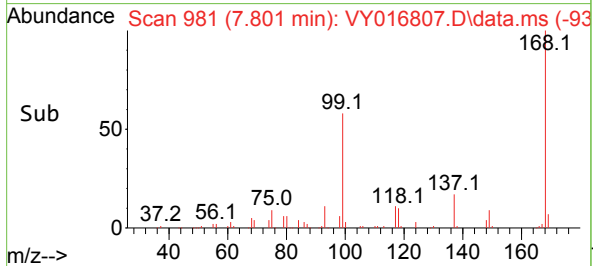


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

Instrument :
MSVOA_Y
ClientSampleId :

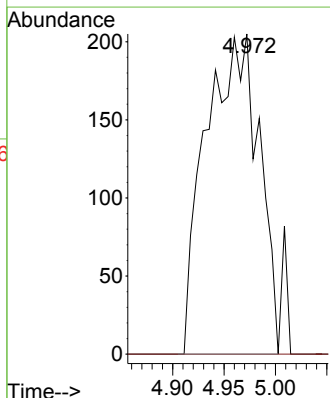
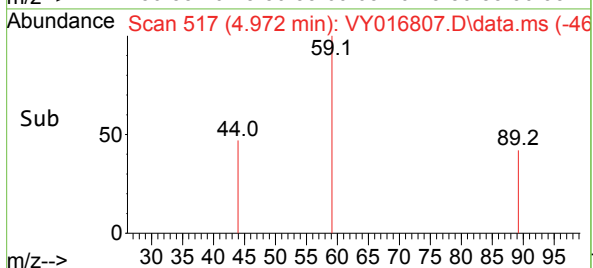
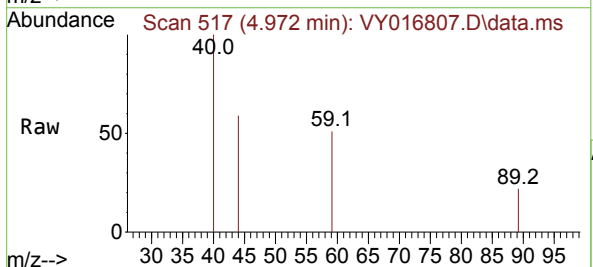


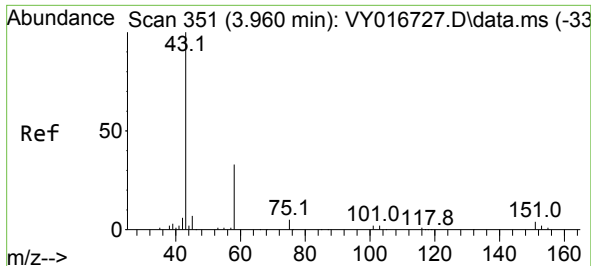
Tgt Ion:168 Resp: 101513
Ion Ratio Lower Upper
168 100
99 58.0 44.2 66.4



#11
Tert butyl alcohol
Concen: 9.687 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

Tgt Ion: 59 Resp: 736
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

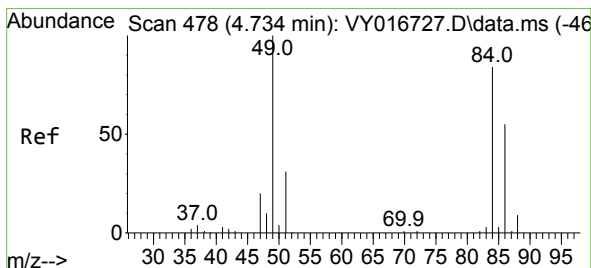
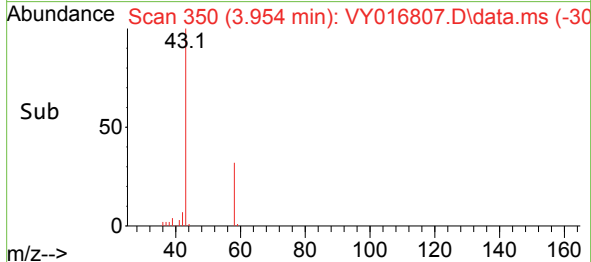
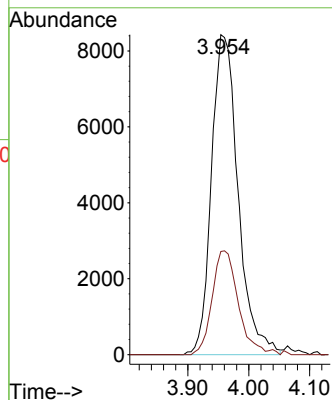
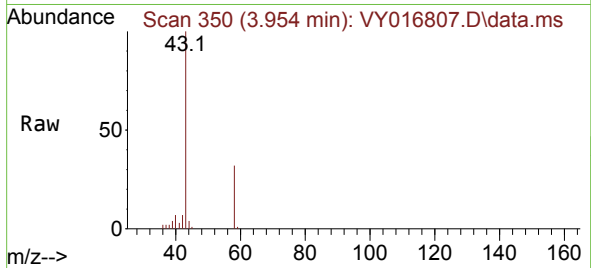




#16
Acetone
Concen: 102.106 ug/l
RT: 3.954 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

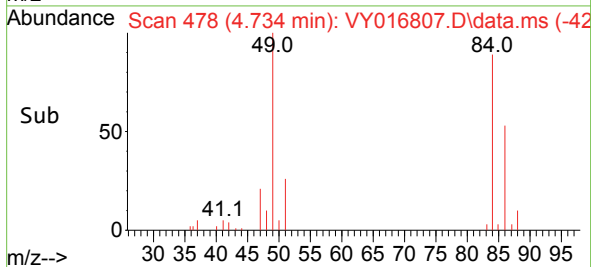
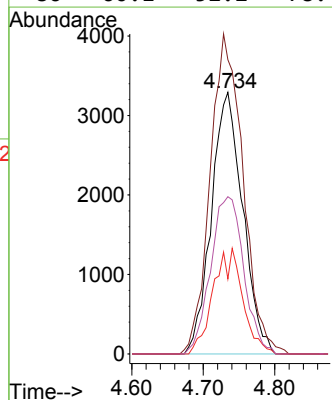
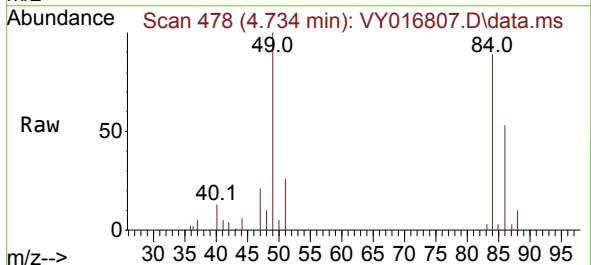
Instrument :
MSVOA_Y
ClientSampleId :

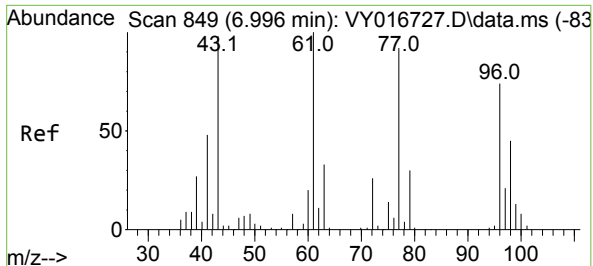
Tgt Ion: 43 Resp: 25587
Ion Ratio Lower Upper
43 100
58 32.2 26.6 39.8



#20
Methylene Chloride
Concen: 5.072 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

Tgt Ion: 84 Resp: 10033
Ion Ratio Lower Upper
84 100
49 112.5 95.2 142.8
51 28.7 29.9 44.9#
86 60.1 52.2 78.4





#25

2-Butanone

Concen: 10.663 ug/l

RT: 7.002 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY016807.D

Acq: 22 Dec 2023 14:50

Instrument :

MSVOA_Y

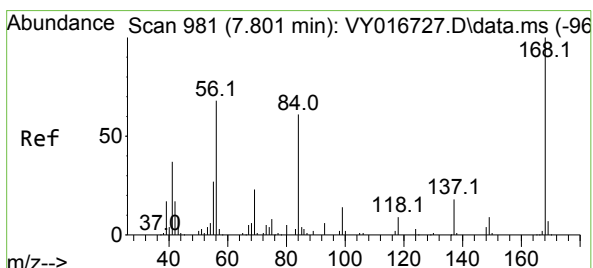
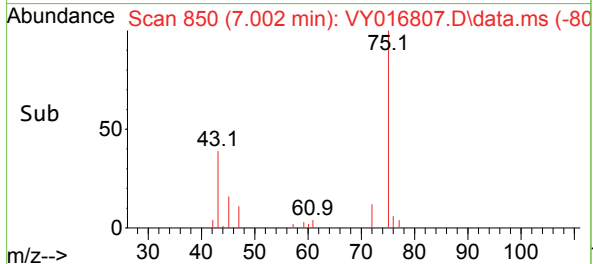
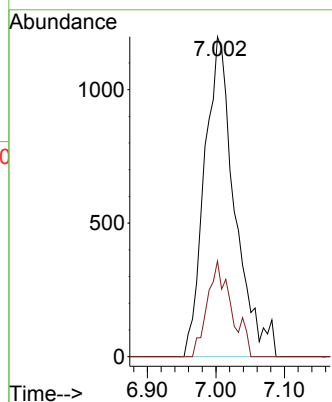
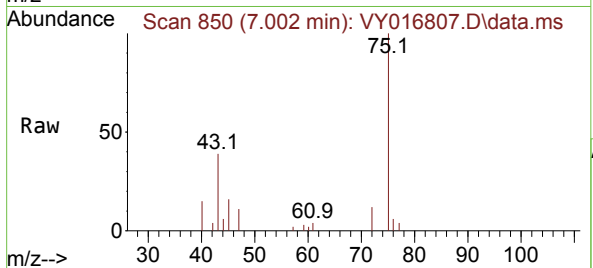
ClientSampleId :

Tgt Ion: 43 Resp: 3679

Ion Ratio Lower Upper

43 100

72 29.9 21.4 32.2



#31

Cyclohexane

Concen: 1.218 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.000 min

Lab File: VY016807.D

Acq: 22 Dec 2023 14:50

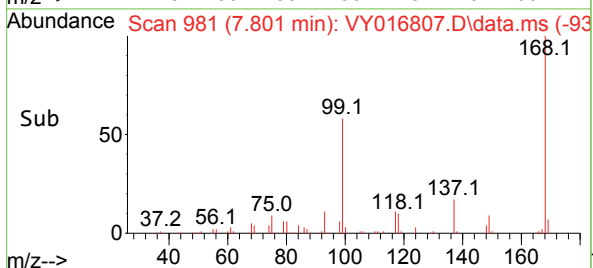
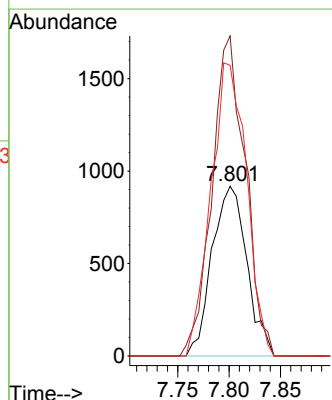
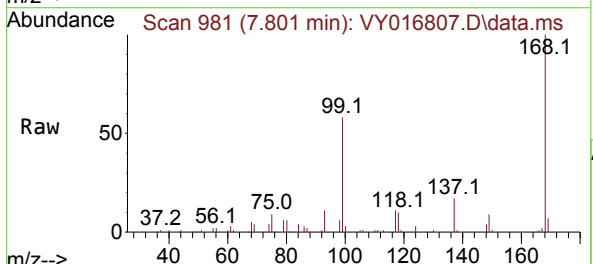
Tgt Ion: 56 Resp: 2162

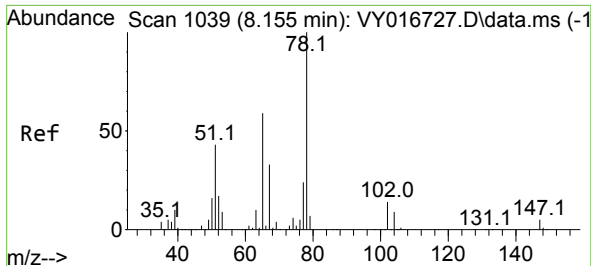
Ion Ratio Lower Upper

56 100

69 188.6 27.0 40.6#

84 171.4 71.8 107.6#

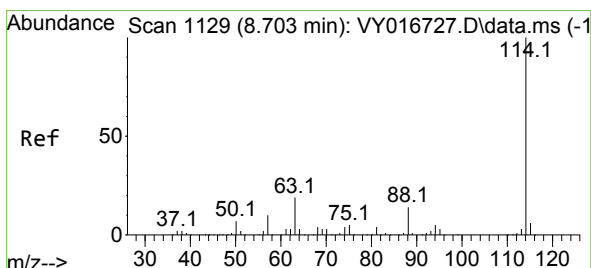
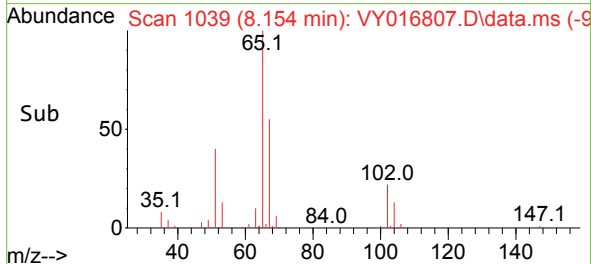
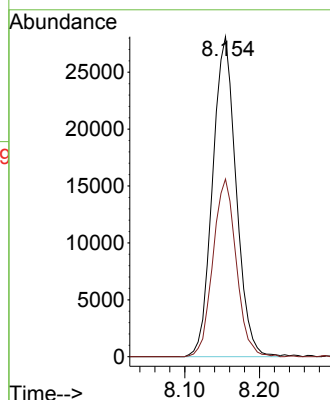
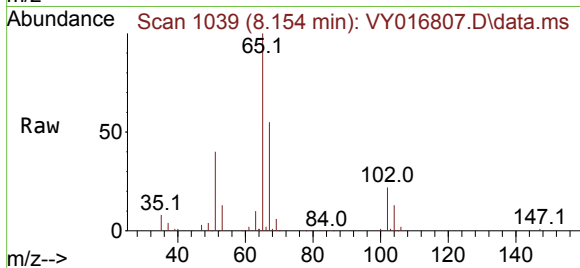




#33
 1,2-Dichloroethane-d4
 Concen: 66.456 ug/l
 RT: 8.154 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016807.D
 Acq: 22 Dec 2023 14:50

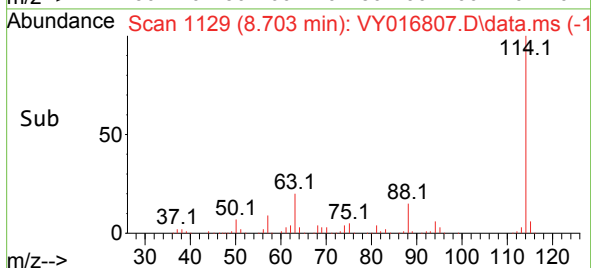
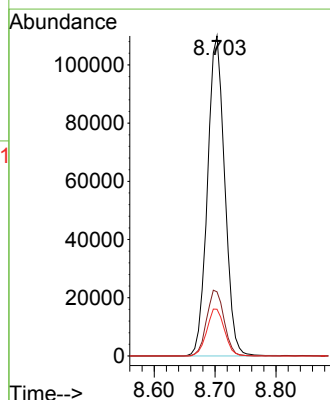
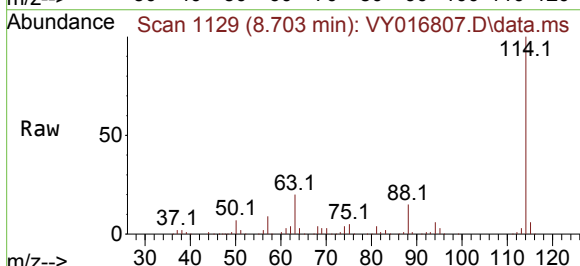
Instrument :
 MSVOA_Y
 ClientSampleId :

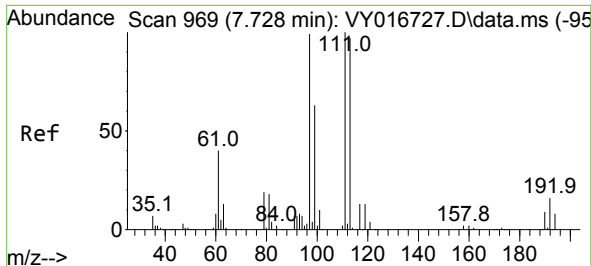
Tgt Ion: 65 Resp: 61585
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VY016807.D
 Acq: 22 Dec 2023 14:50

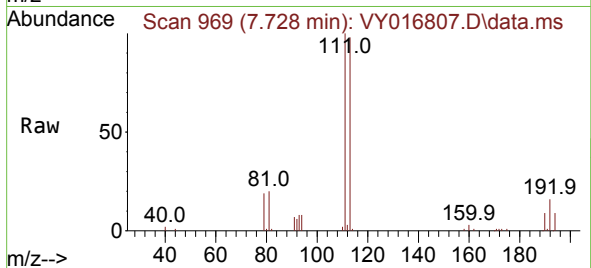
Tgt Ion: 114 Resp: 216160
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 37.4
 88 14.6 0.0 29.0



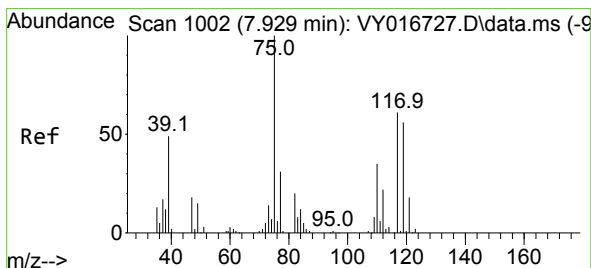
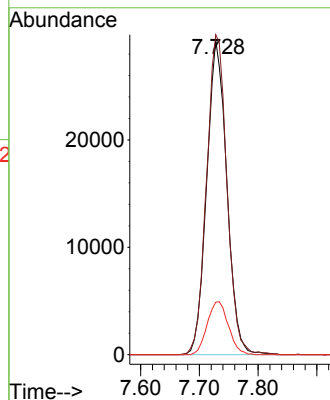
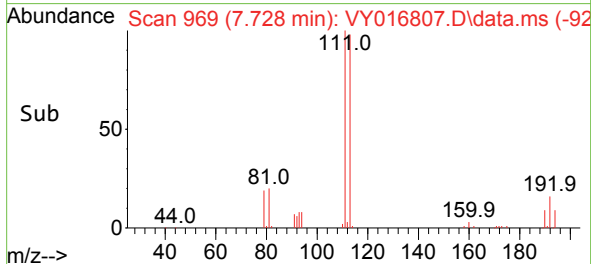


#35
Dibromofluoromethane
Concen: 56.163 ug/l
RT: 7.728 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

Instrument :
MSVOA_Y
ClientSampleId :

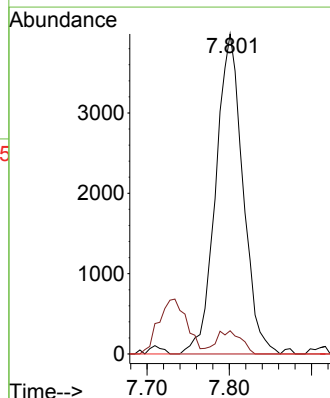
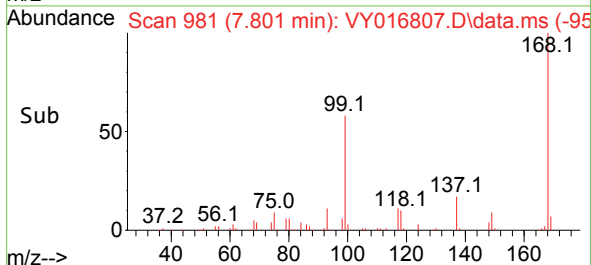
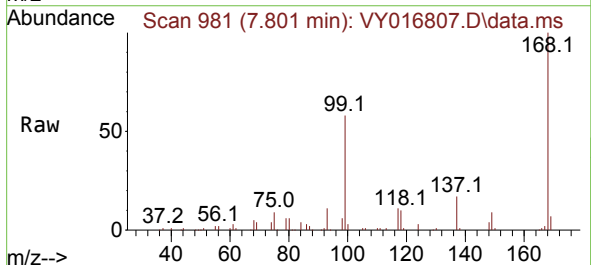


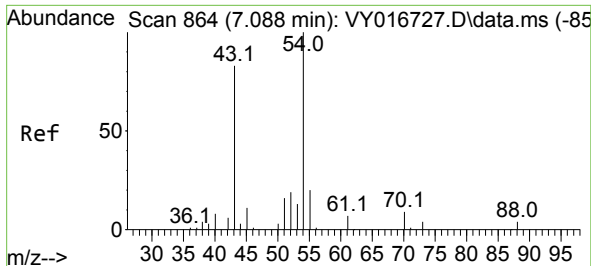
Tgt Ion:113 Resp: 69542
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 17.7 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.610 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

Tgt Ion: 75 Resp: 9152
Ion Ratio Lower Upper
75 100
110 6.6 17.4 52.3#
77 0.0 24.7 37.1#

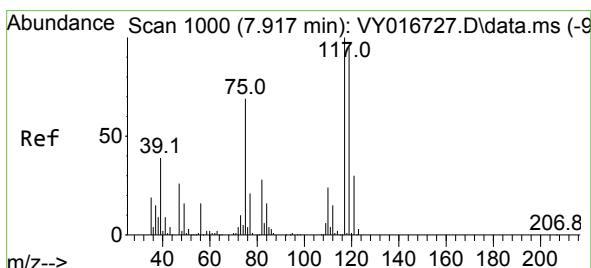
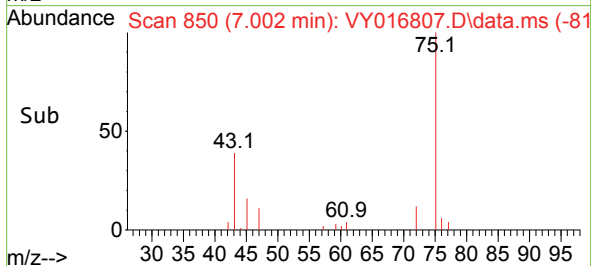
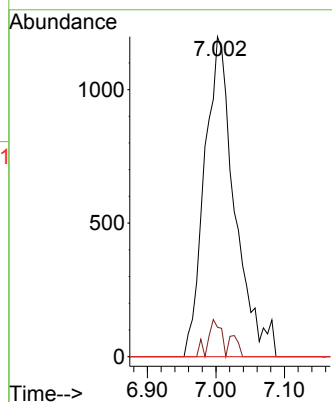
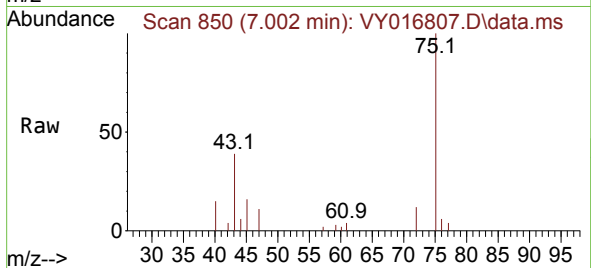




#37
Ethyl Acetate
Concen: 4.324 ug/l
RT: 7.002 min Scan# 81
Delta R.T. -0.085 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

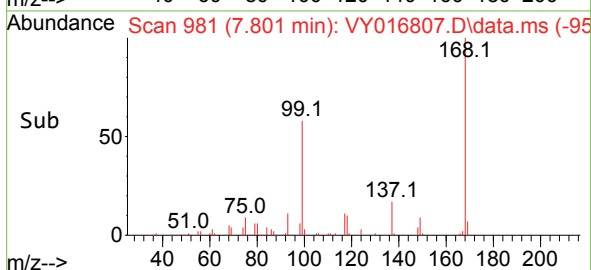
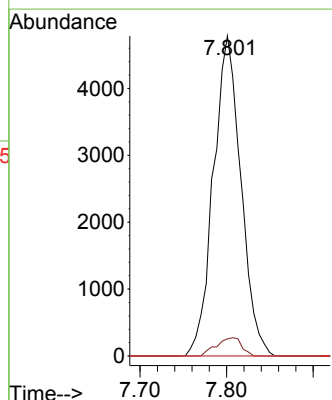
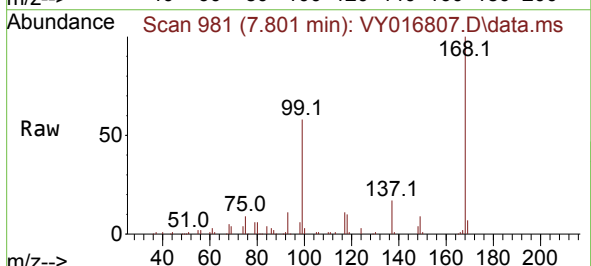
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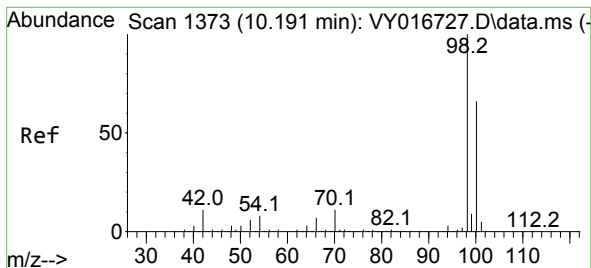
Tgt Ion: 43 Resp: 3679
Ion Ratio Lower Upper
43 100
61 5.0 11.0 16.6#
70 0.0 8.1 12.1#



#38
Carbon Tetrachloride
Concen: 5.380 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

Tgt Ion: 117 Resp: 10568
Ion Ratio Lower Upper
117 100
119 5.3 76.0 114.0#
121 0.0 24.2 36.2#

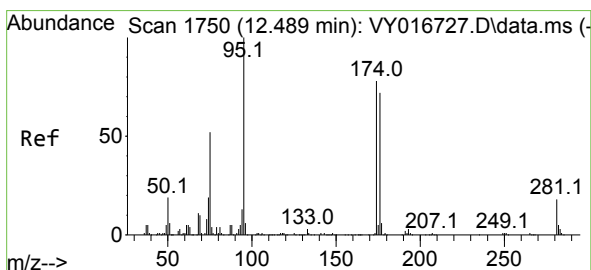
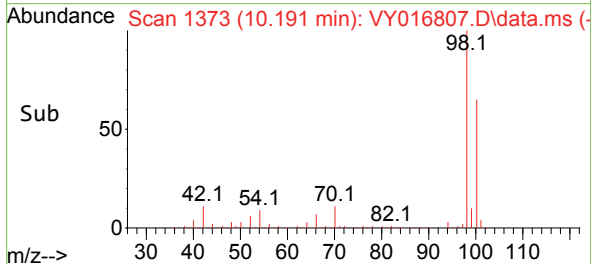
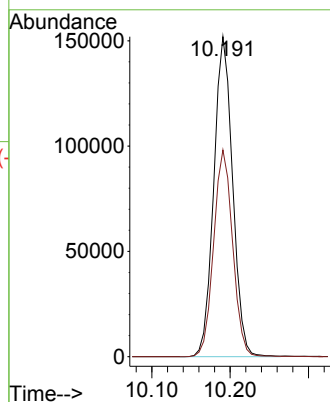
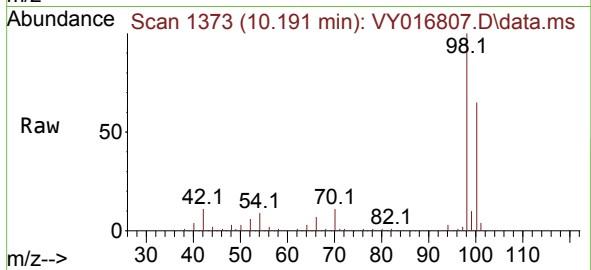




#50
Toluene-d8
Concen: 56.924 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

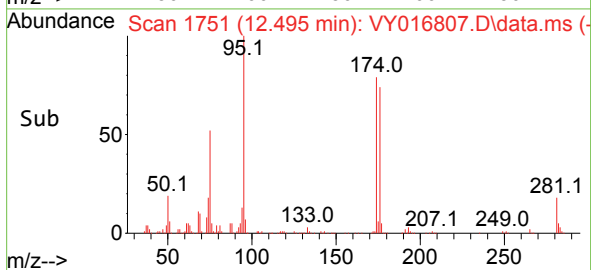
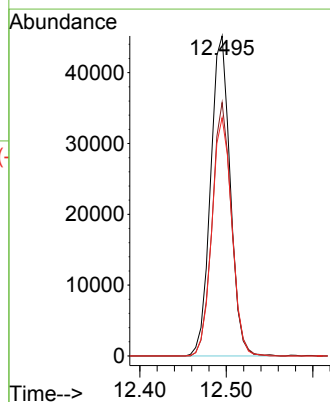
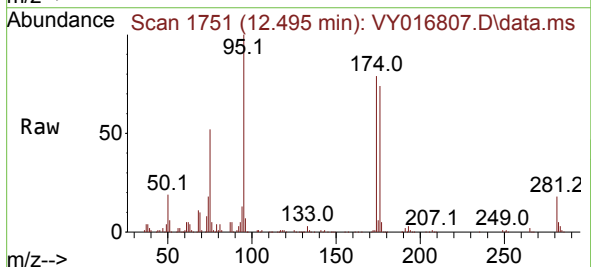
Instrument :
MSVOA_Y
ClientSampleId :

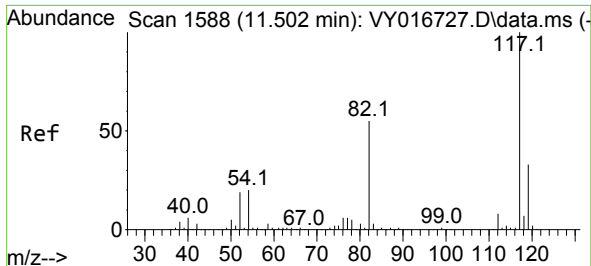
Tgt Ion: 98 Resp: 254090
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 49.008 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

Tgt Ion: 95 Resp: 70971
Ion Ratio Lower Upper
95 100
174 77.8 0.0 160.0
176 75.9 0.0 151.8

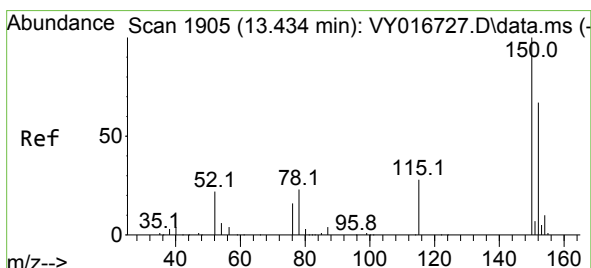
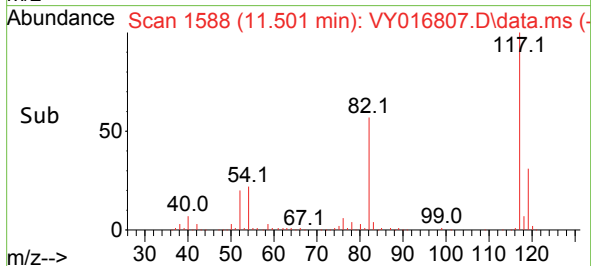
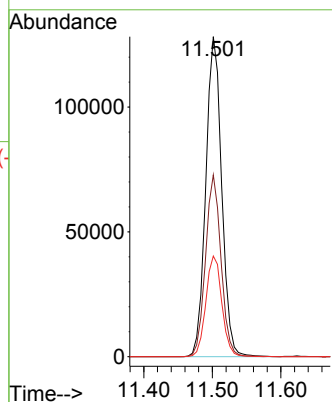
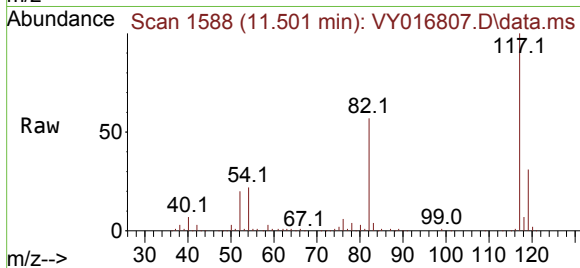




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

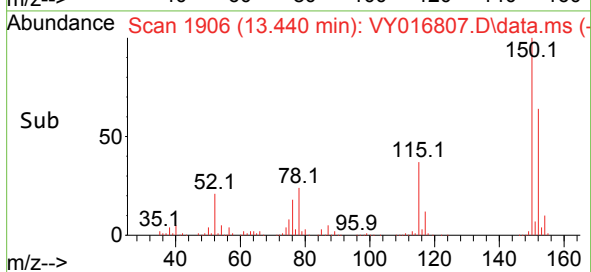
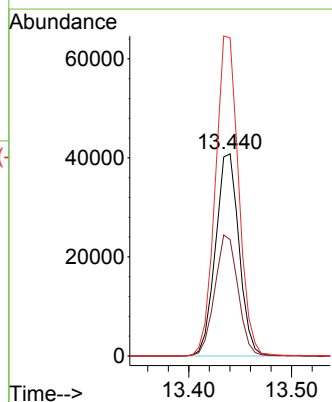
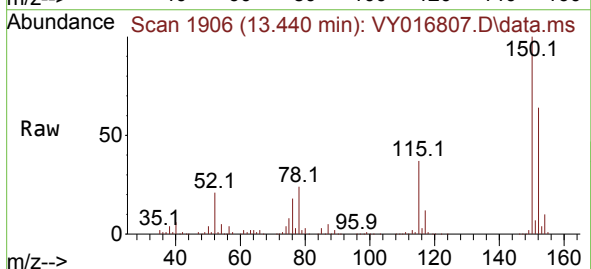
Instrument :
MSVOA_Y
ClientSampleId :

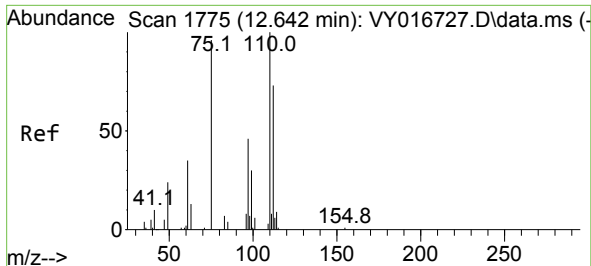
Tgt Ion:117 Resp: 207017
Ion Ratio Lower Upper
117 100
82 56.8 43.8 65.8
119 31.4 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

Tgt Ion:152 Resp: 64723
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.0
150 156.5 0.0 344.6

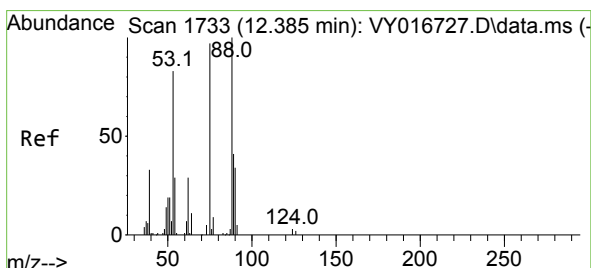
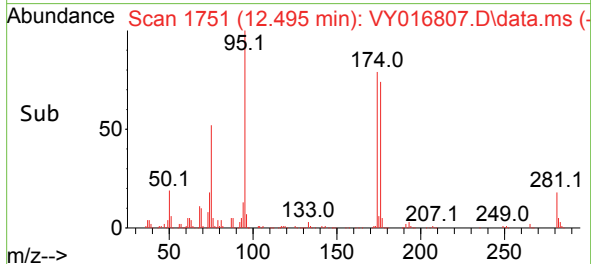
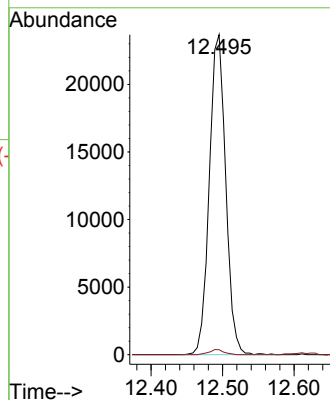
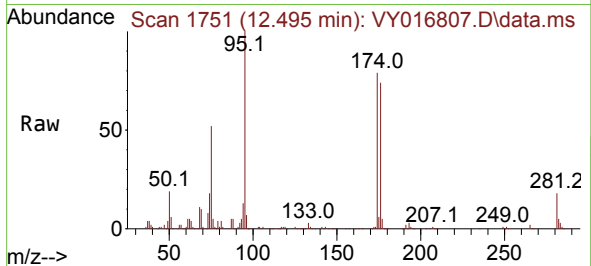




#76
1,2,3-Trichloropropane
Concen: 52.650 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

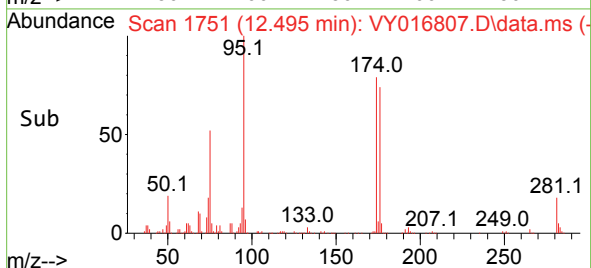
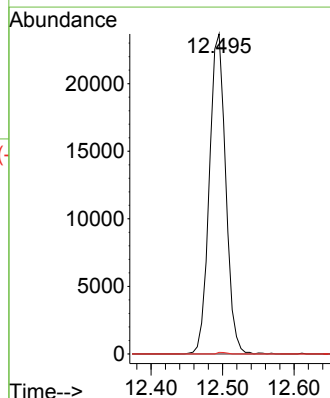
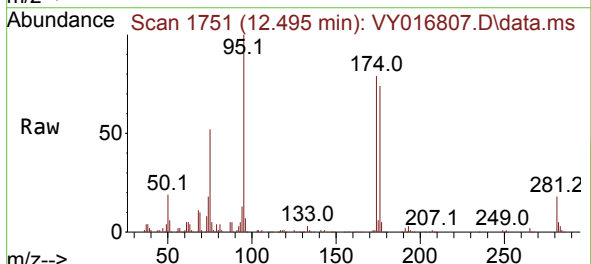
Instrument :
MSVOA_Y
ClientSampleId :

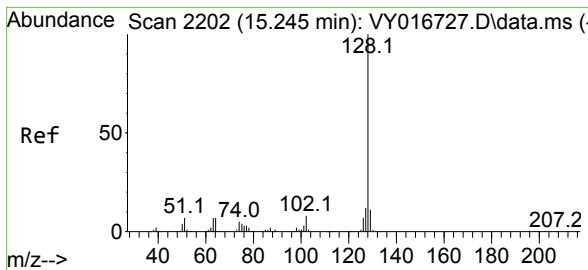
Tgt Ion: 75 Resp: 37670
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.645 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

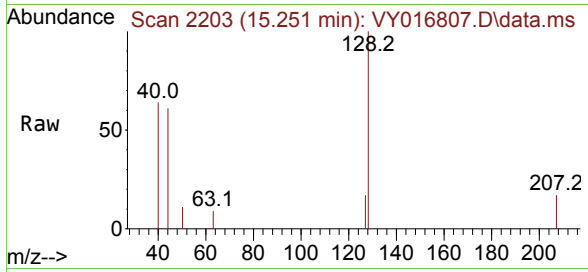
Tgt Ion: 75 Resp: 37670
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.3 36.5 54.7#





#95
Naphthalene
Concen: 4.021 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY016807.D
Acq: 22 Dec 2023 14:50

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	962
Ion	Ratio	Lower	Upper
128	100		
127	9.6	10.2	15.4#
129	5.1	8.6	12.8#

