

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016849.D
 Acq On : 26 Dec 2023 13:41
 Operator : SY/MD
 Sample : 06018-03
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 27 01:33:37 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)

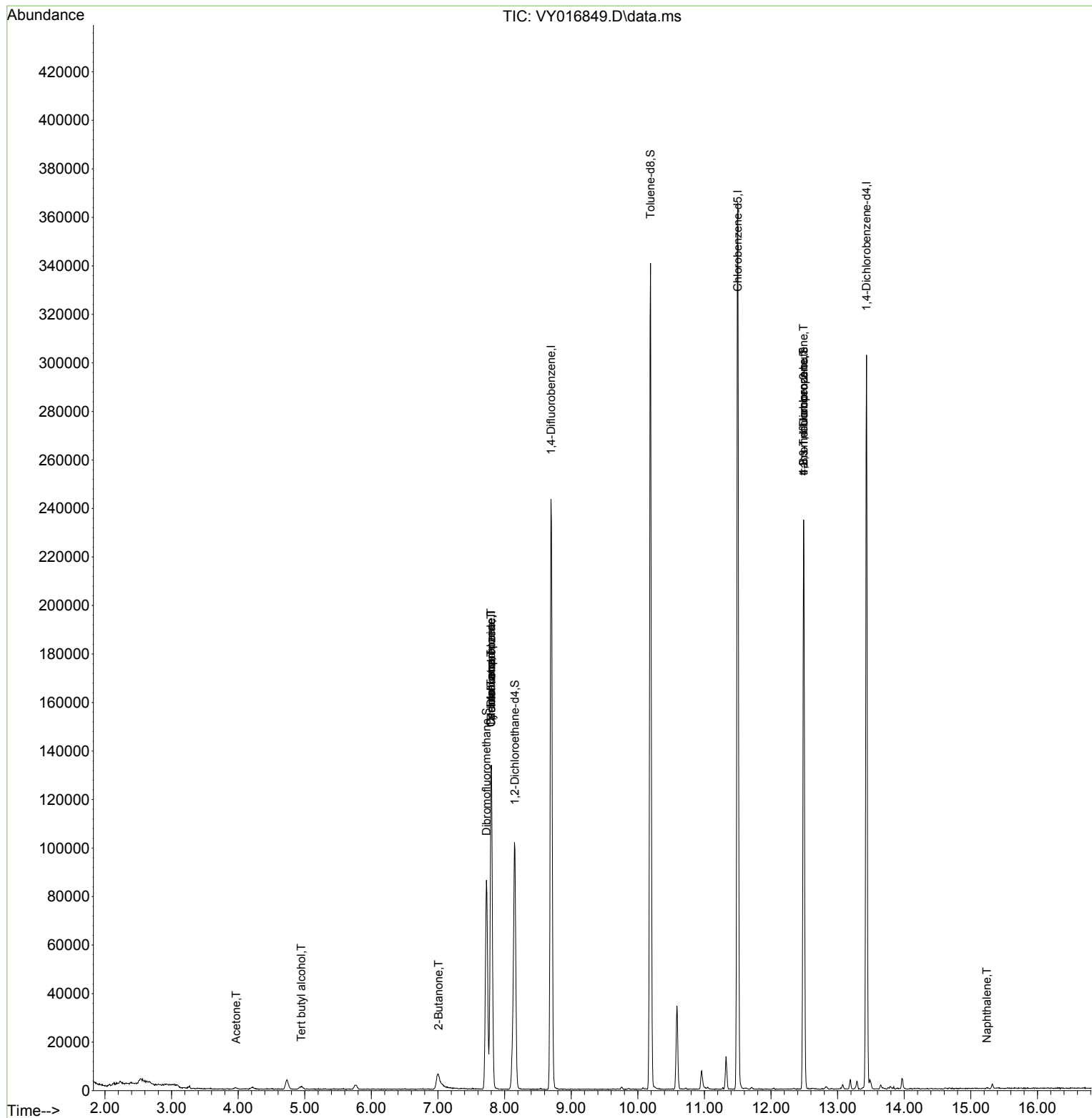
Internal Standards						
1) Pentafluorobenzene	7.801	168	102712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	212807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	202318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	74285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	72653	77.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.960%	
35) Dibromofluoromethane	7.728	113	62439	51.221	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.440%	
50) Toluene-d8	10.191	98	220753	50.235	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.480%	
62) 4-Bromofluorobenzene	12.489	95	67972	47.677	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	1546	20.110	ug/l #	75
16) Acetone	3.972	43	1262	4.977	ug/l	91
20) Methylene Chloride	4.728	84	3077	Below Cal		85
25) 2-Butanone	7.008	43	958	2.744	ug/l	93
31) Cyclohexane	7.795	56	2483	1.382	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8823	4.515	ug/l #	49
38) Carbon Tetrachloride	7.795	117	10510	5.435	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	36157	44.030	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	36157	103.403	ug/l #	12
95) Naphthalene	15.239	128	340	3.726	ug/l #	69

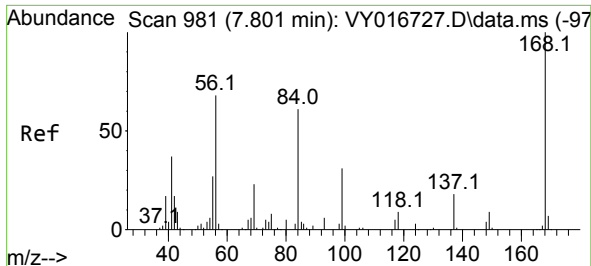
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :

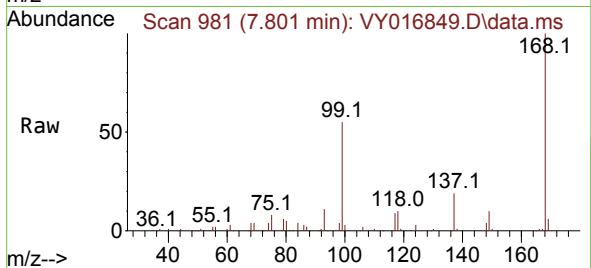
Quant Time: Dec 27 01:33:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration



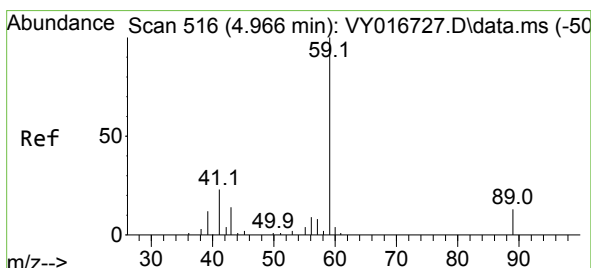
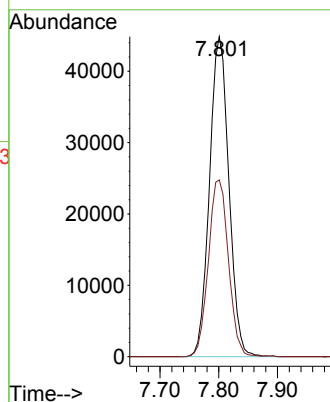
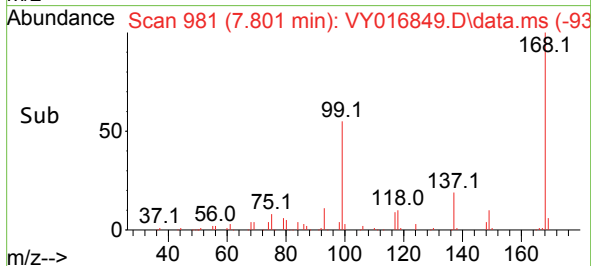


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016849.D
Acq: 26 Dec 2023 13:41

Instrument :
MSVOA_Y
ClientSampleId :

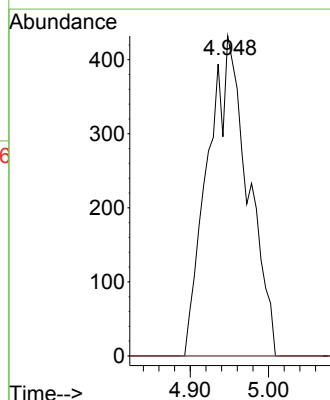
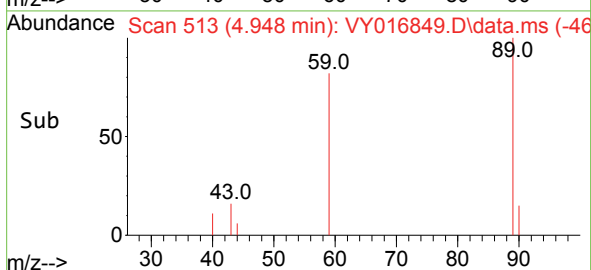
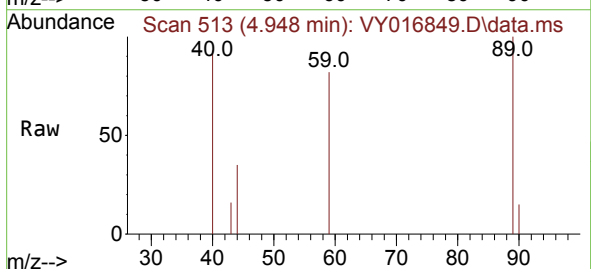


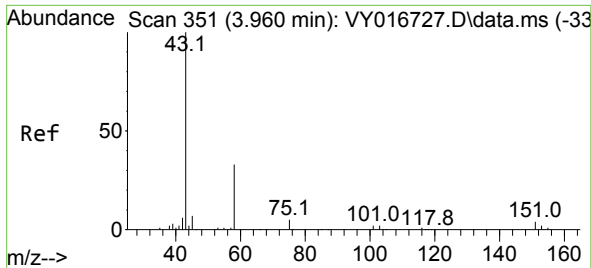
Tgt Ion:168 Resp: 102712
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#11
Tert butyl alcohol
Concen: 20.110 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY016849.D
Acq: 26 Dec 2023 13:41

Tgt Ion: 59 Resp: 1546
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

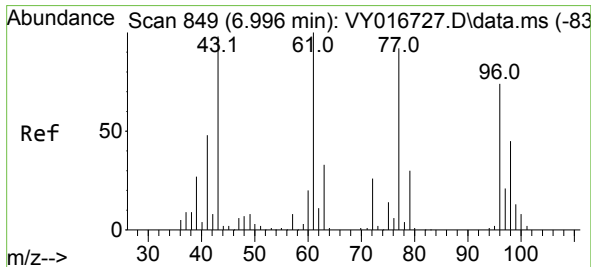
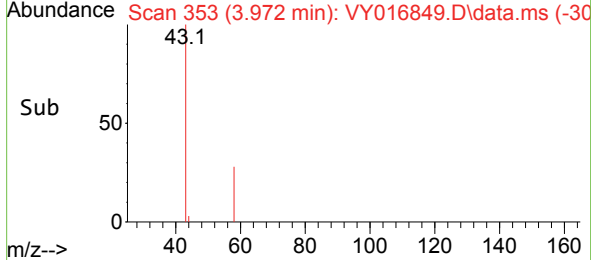
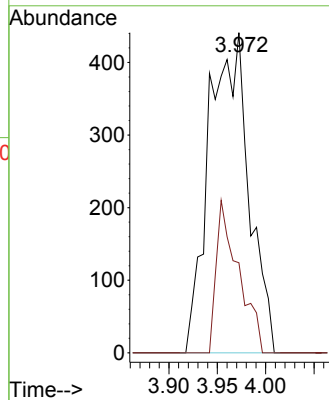
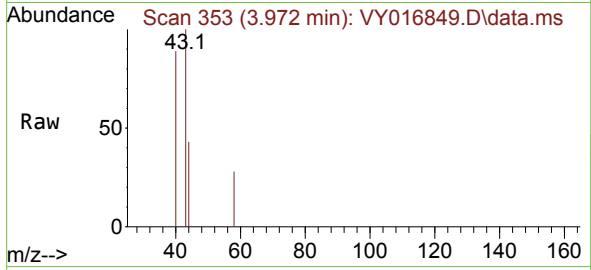




#16
Acetone
Concen: 4.977 ug/l
RT: 3.972 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY016849.D
Acq: 26 Dec 2023 13:41

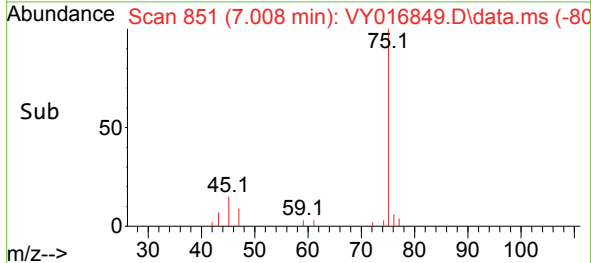
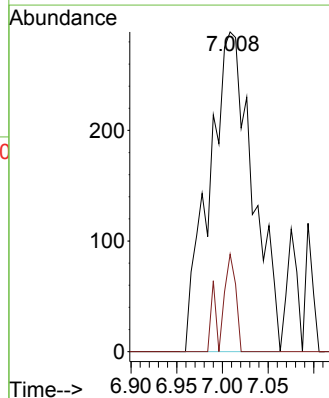
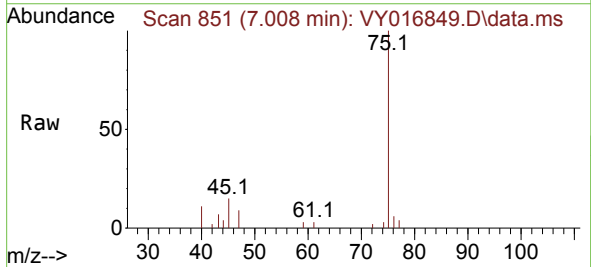
Instrument :
MSVOA_Y
ClientSampleId :

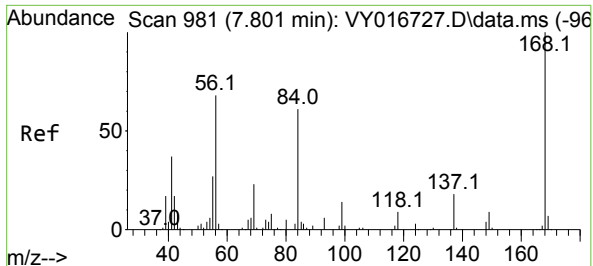
Tgt Ion: 43 Resp: 1262
Ion Ratio Lower Upper
43 100
58 28.1 26.6 39.8



#25
2-Butanone
Concen: 2.744 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY016849.D
Acq: 26 Dec 2023 13:41

Tgt Ion: 43 Resp: 958
Ion Ratio Lower Upper
43 100
72 30.4 21.4 32.2

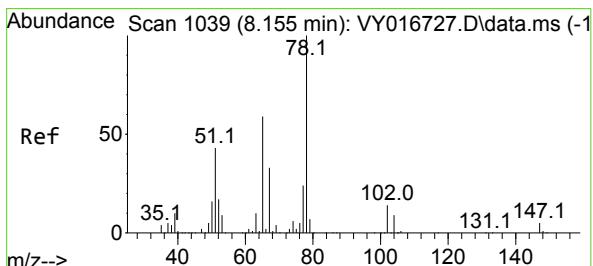
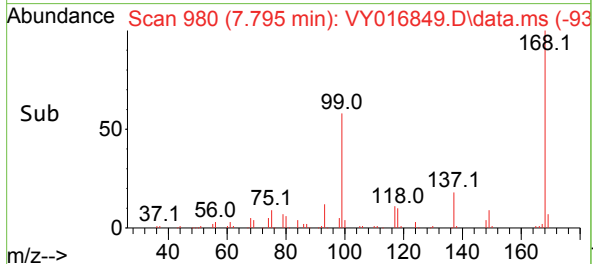
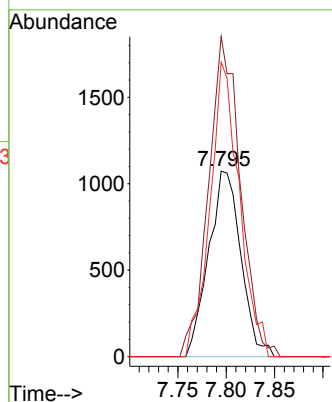
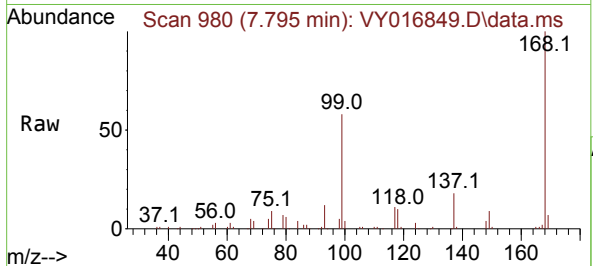




#31
Cyclohexane
Concen: 1.382 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016849.D
Acq: 26 Dec 2023 13:41

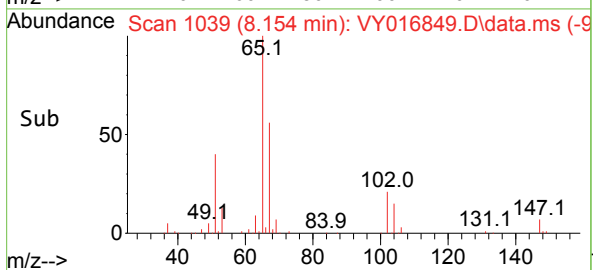
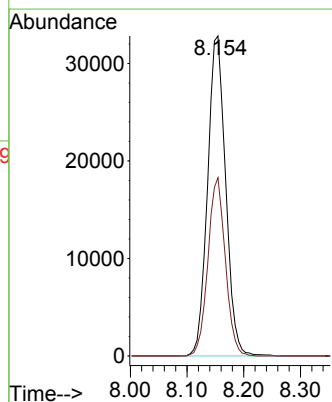
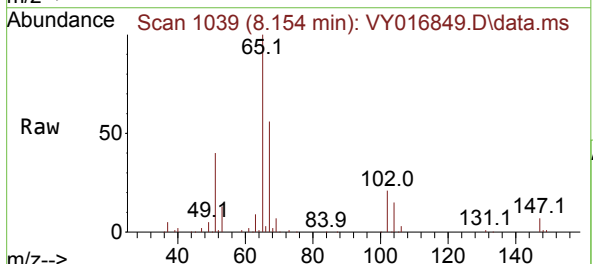
Instrument :
MSVOA_Y
ClientSampleId :

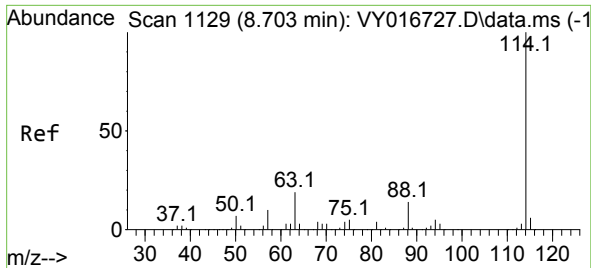
Tgt Ion: 56 Resp: 2483
Ion Ratio Lower Upper
56 100
69 172.5 27.0 40.6#
84 158.7 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 77.484 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016849.D
Acq: 26 Dec 2023 13:41

Tgt Ion: 65 Resp: 72653
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.0

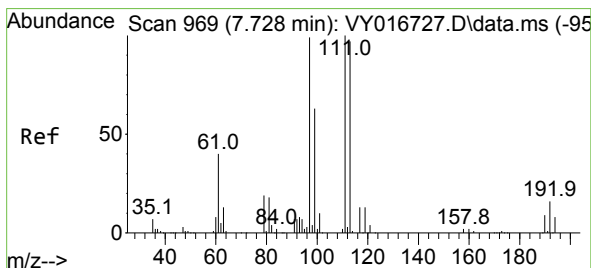
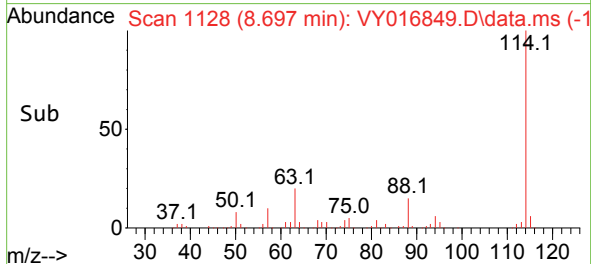
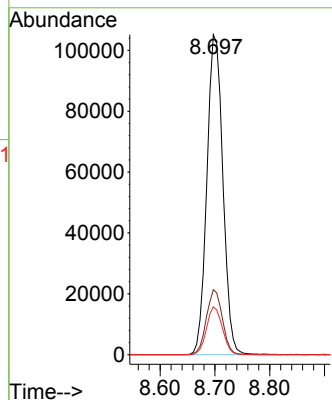
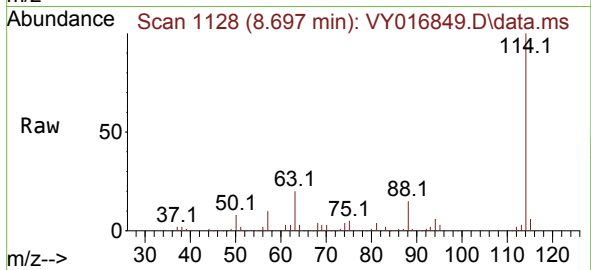




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY016849.D
Acq: 26 Dec 2023 13:41

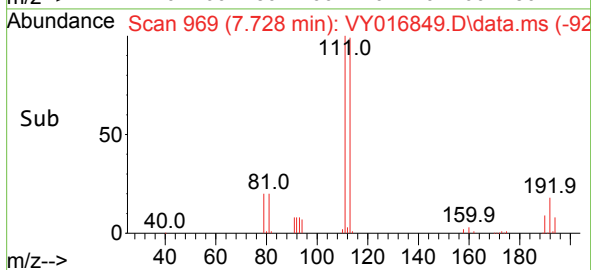
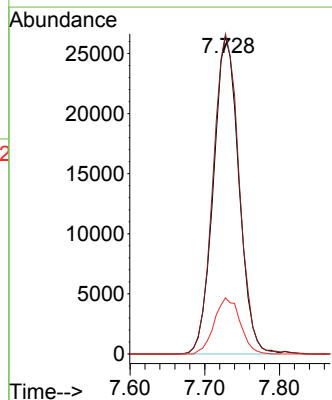
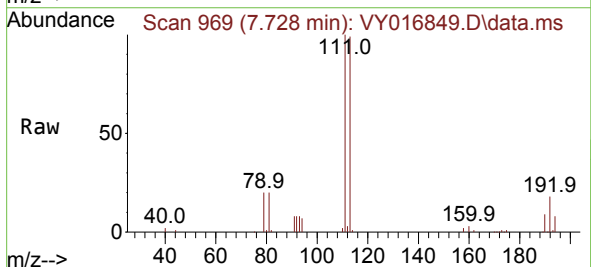
Instrument :
MSVOA_Y
ClientSampleId :

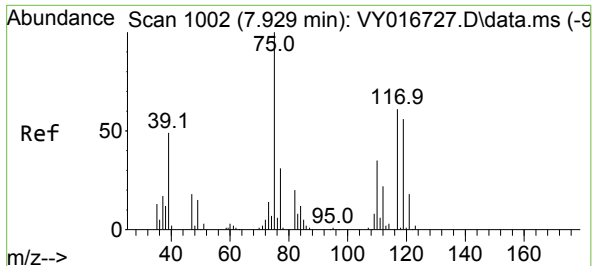
Tgt Ion:114 Resp: 212807
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.4
88 14.9 0.0 29.0



#35
Dibromofluoromethane
Concen: 51.221 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY016849.D
Acq: 26 Dec 2023 13:41

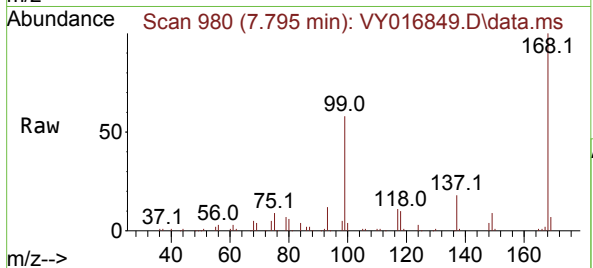
Tgt Ion:113 Resp: 62439
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 17.9 14.5 21.7



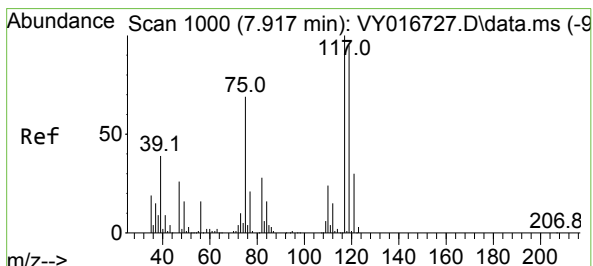
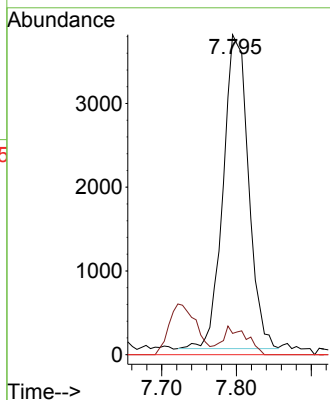
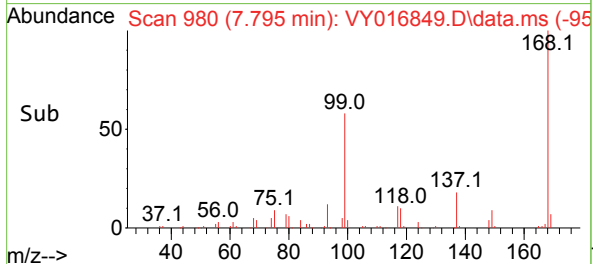


#36
 1,1-Dichloropropene
 Concen: 4.515 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.134 min
 Lab File: VY016849.D
 Acq: 26 Dec 2023 13:41

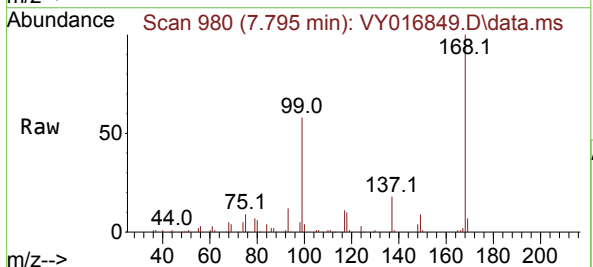
Instrument :
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 ClientSampleId :



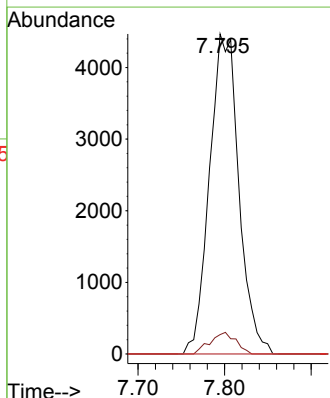
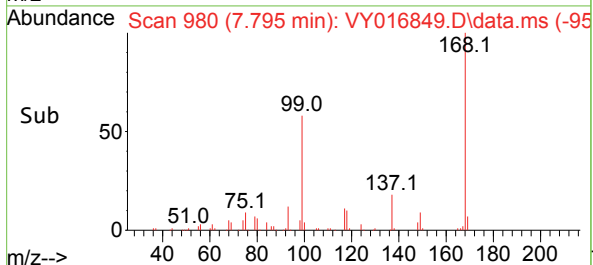
Tgt Ion: 75 Resp: 8823
 Ion Ratio Lower Upper
 75 100
 110 8.4 17.4 52.3#
 77 0.0 24.7 37.1#

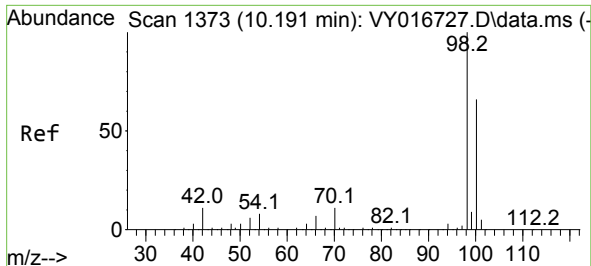


#38
 Carbon Tetrachloride
 Concen: 5.435 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.122 min
 Lab File: VY016849.D
 Acq: 26 Dec 2023 13:41



Tgt Ion: 117 Resp: 10510
 Ion Ratio Lower Upper
 117 100
 119 6.1 76.0 114.0#
 121 0.0 24.2 36.2#

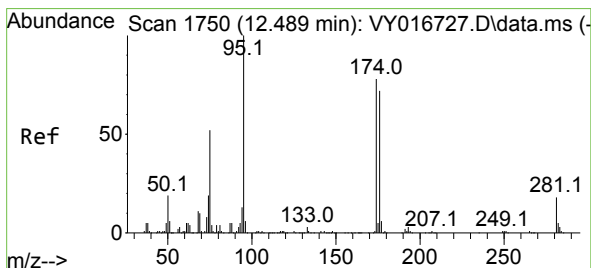
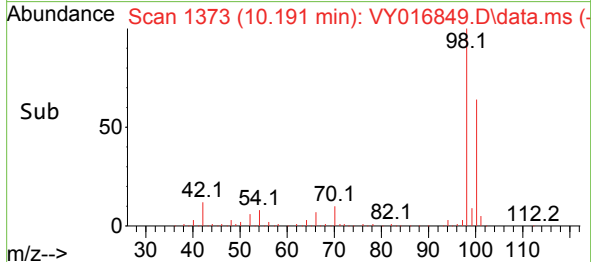
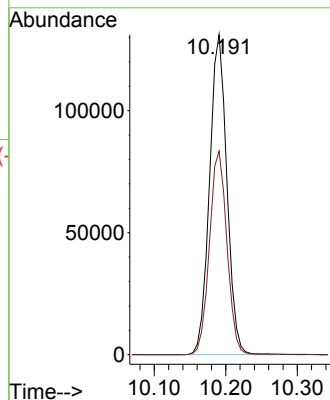
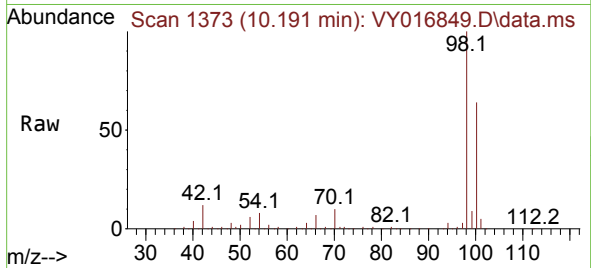




#50
Toluene-d8
Concen: 50.235 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016849.D
Acq: 26 Dec 2023 13:41

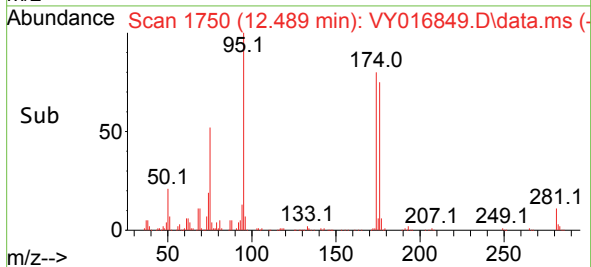
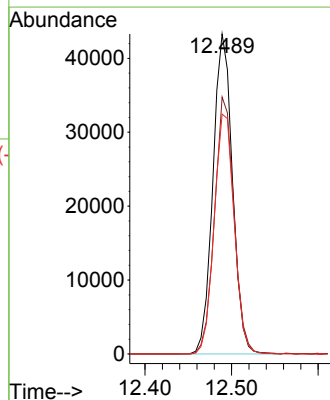
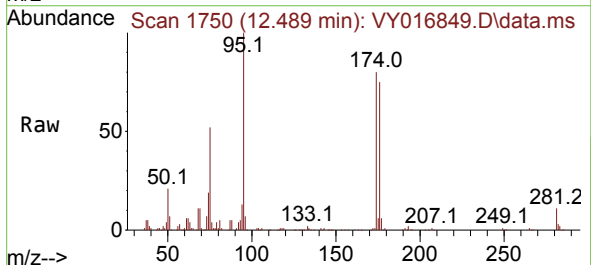
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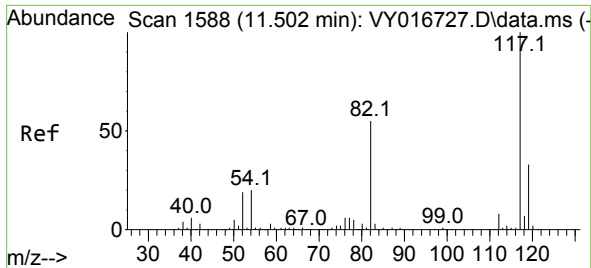
Tgt Ion: 98 Resp: 220753
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.677 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016849.D
Acq: 26 Dec 2023 13:41

Tgt Ion: 95 Resp: 67972
Ion Ratio Lower Upper
95 100
174 79.9 0.0 160.0
176 76.9 0.0 151.8

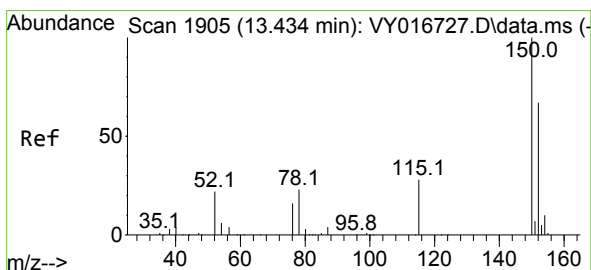
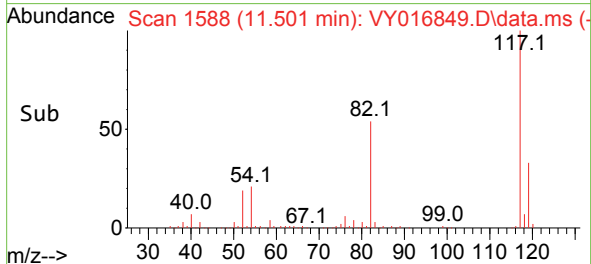
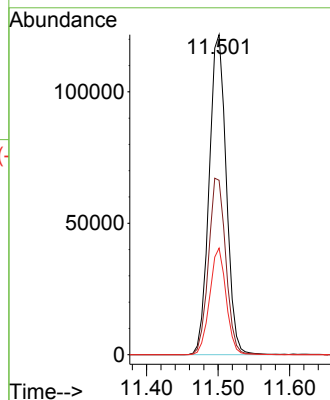
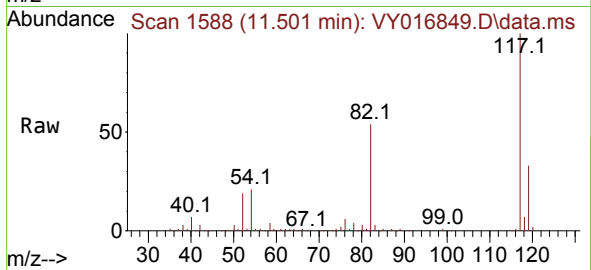




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016849.D
Acq: 26 Dec 2023 13:41

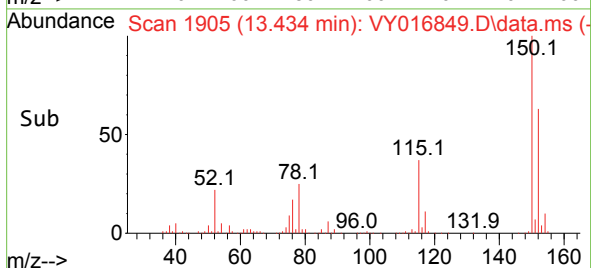
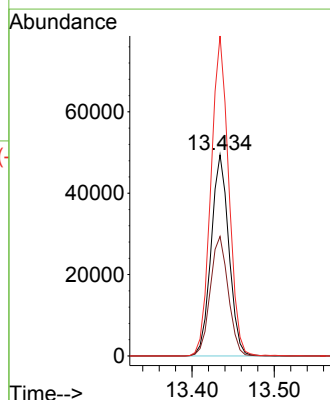
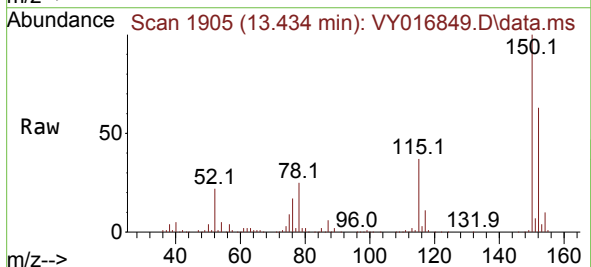
Instrument :
MSVOA_Y
ClientSampleId :

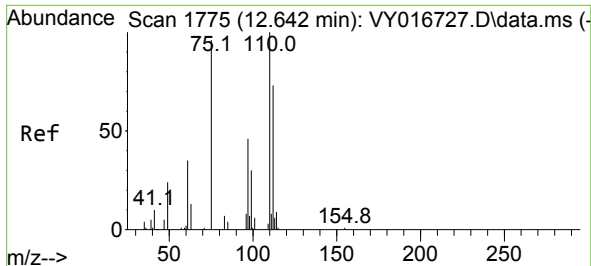
Tgt Ion:117 Resp: 202318
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.8
119 33.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016849.D
Acq: 26 Dec 2023 13:41

Tgt Ion:152 Resp: 74285
Ion Ratio Lower Upper
152 100
115 60.1 30.0 90.0
150 159.0 0.0 344.6

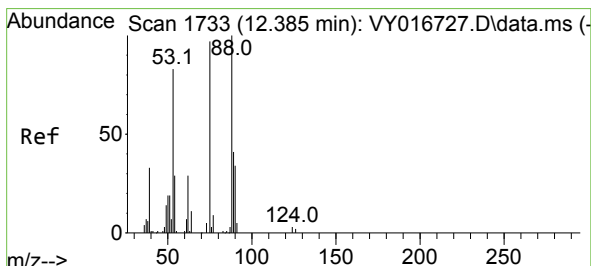
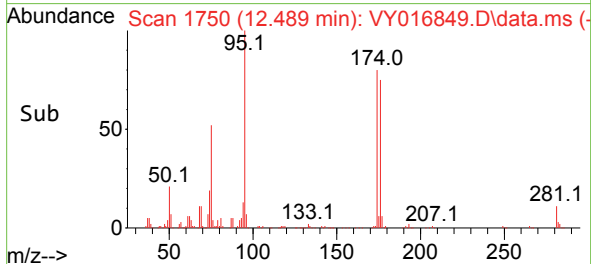
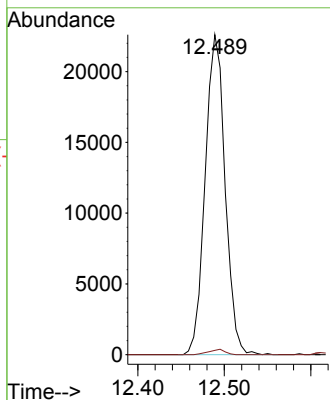
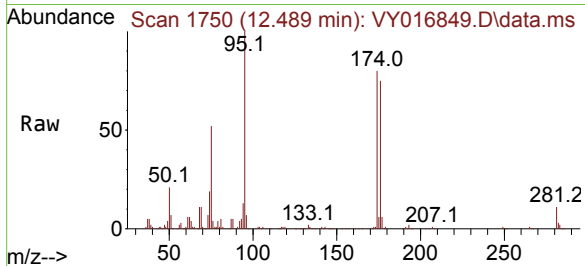




#76
 1,2,3-Trichloropropane
 Concen: 44.030 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.152 min
 Lab File: VY016849.D
 Acq: 26 Dec 2023 13:41

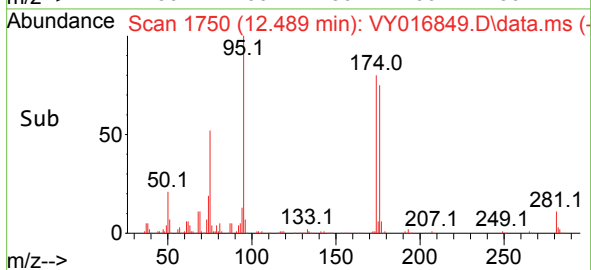
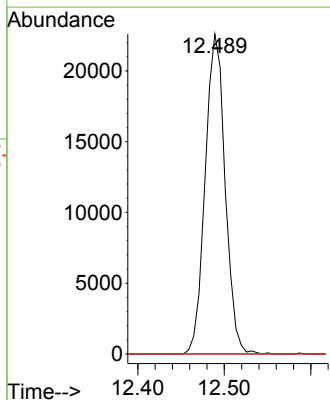
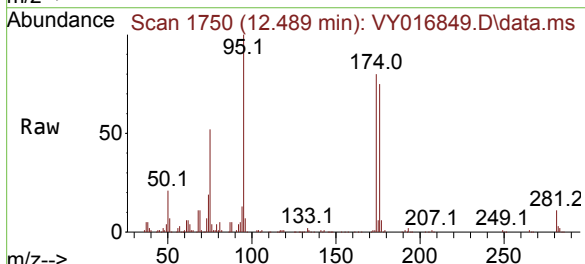
Instrument :
 MSVOA_Y
 ClientSampleId :

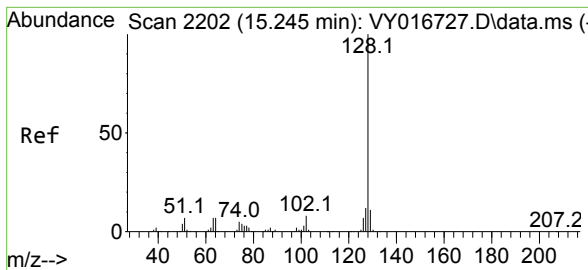
Tgt Ion: 75 Resp: 36157
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.403 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. 0.104 min
 Lab File: VY016849.D
 Acq: 26 Dec 2023 13:41

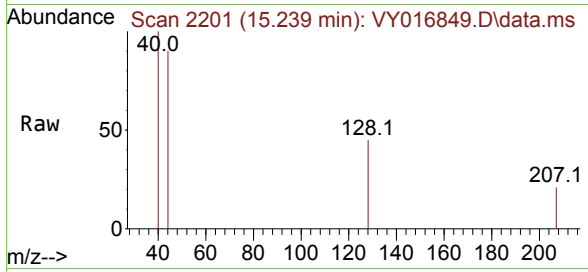
Tgt Ion: 75 Resp: 36157
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 3.726 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY016849.D
Acq: 26 Dec 2023 13:41

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 340
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

