

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016333.D
 Acq On : 13 Nov 2023 19:16
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 14 04:39:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

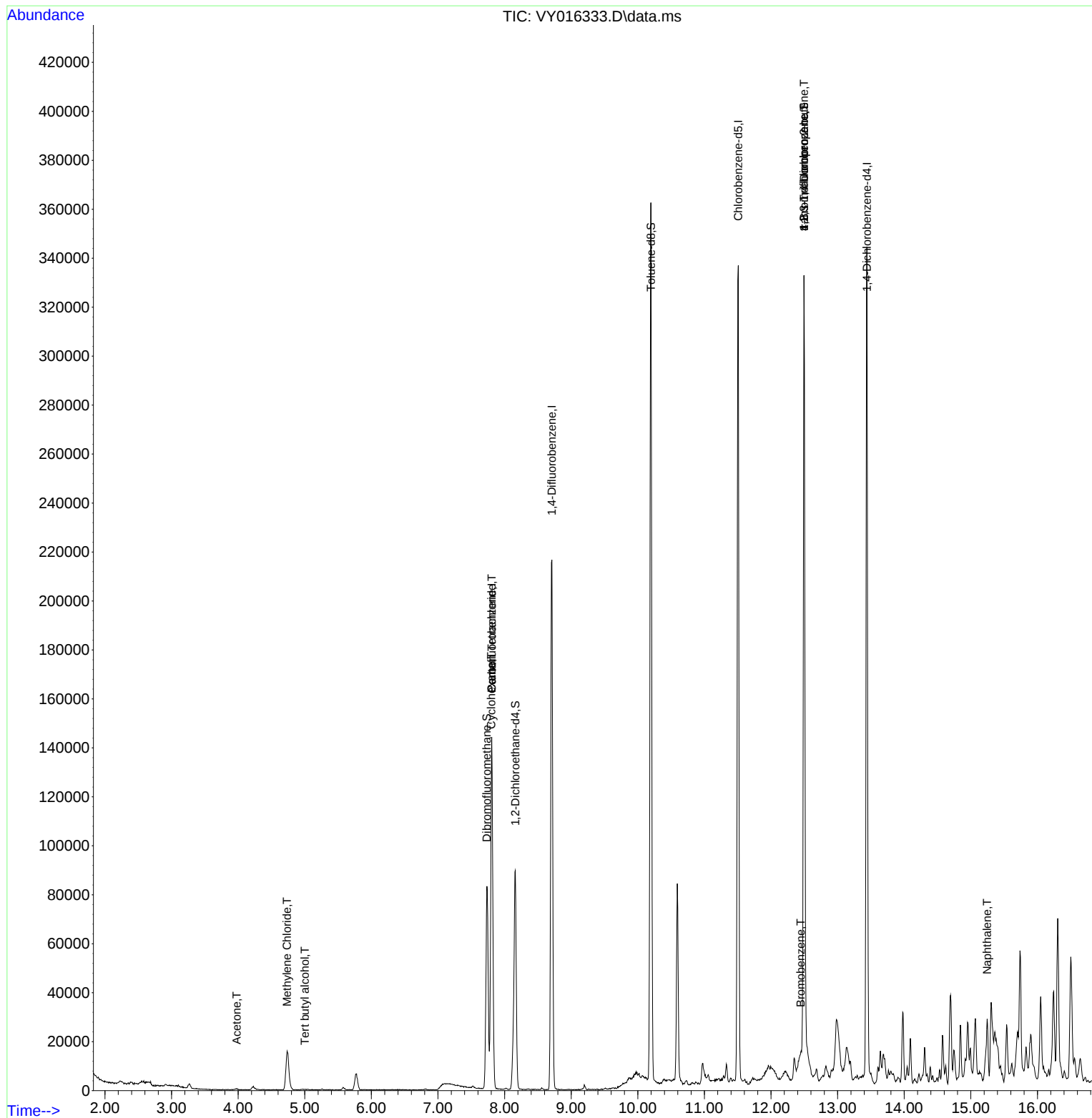
Internal Standards						
1) Pentafluorobenzene	7.807	168	110440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	194440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	188784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	88467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	65308	64.701	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.400%	
35) Dibromofluoromethane	7.734	113	59775	54.117	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.240%	
50) Toluene-d8	10.197	98	235096	52.487	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.980%	
62) 4-Bromofluorobenzene	12.495	95	83711	57.543	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.003	59	583	7.376	ug/l #	89
16) Acetone	3.979	43	817	4.893	ug/l #	83
20) Methylene Chloride	4.735	84	12710	7.841	ug/l #	92
31) Cyclohexane	7.801	56	2183	1.098	ug/l #	1
38) Carbon Tetrachloride	7.807	117	10995	5.524	ug/l #	17
76) 1,2,3-Trichloropropane	12.495	75	45006	53.032	ug/l #	100
77) Bromobenzene	12.447	156	11300	6.979	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.495	75	45006	115.111	ug/l #	11
95) Naphthalene	15.245	128	18327	6.577	ug/l	98

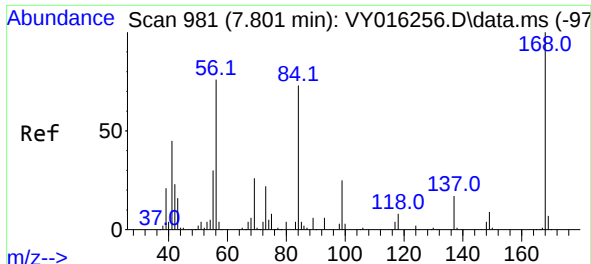
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

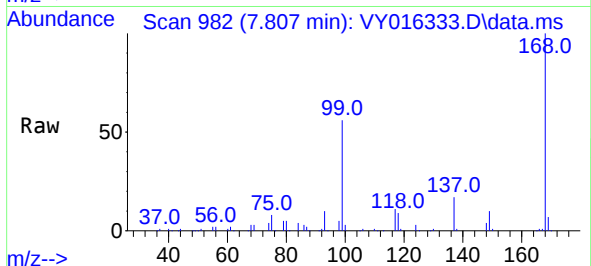
Quant Time: Nov 14 04:39:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
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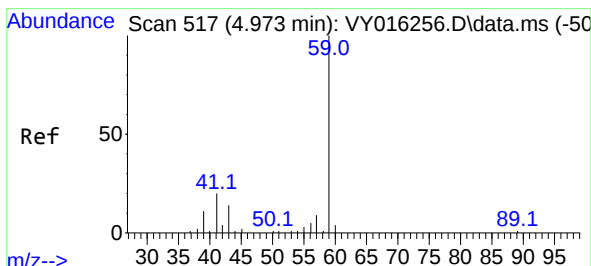
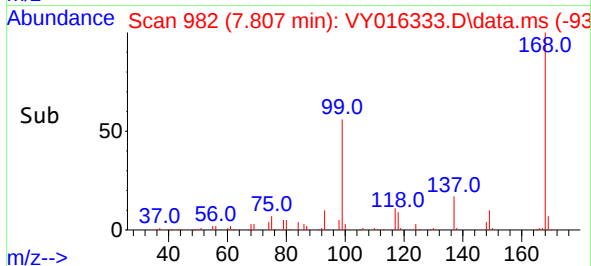
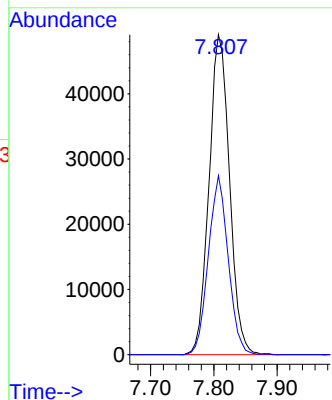


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016333.D
Acq: 13 Nov 2023 19:16

Instrument :
MSVOA_Y
ClientSampleId :

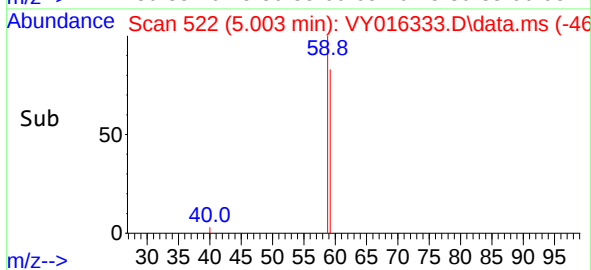
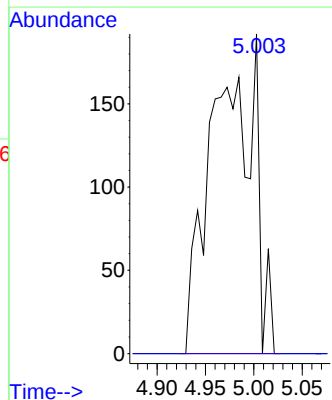
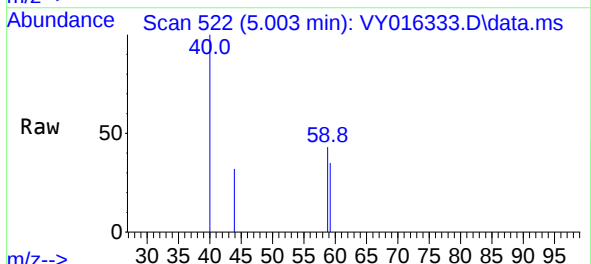


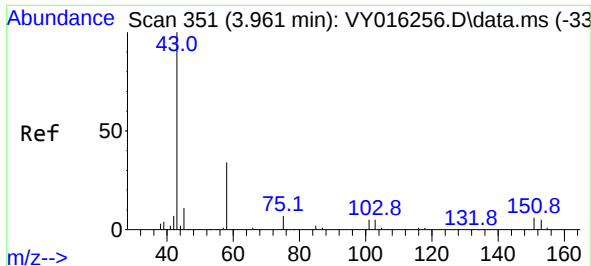
Tgt Ion:168 Resp: 110440
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#11
Tert butyl alcohol
Concen: 7.376 ug/l
RT: 5.003 min Scan# 522
Delta R.T. 0.030 min
Lab File: VY016333.D
Acq: 13 Nov 2023 19:16

Tgt Ion: 59 Resp: 583
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

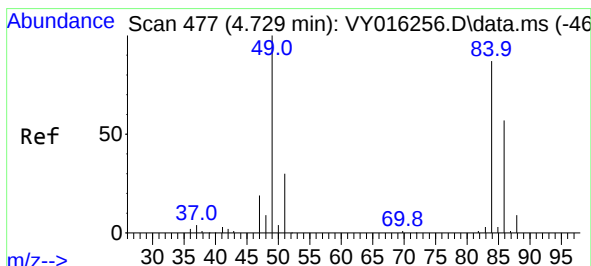
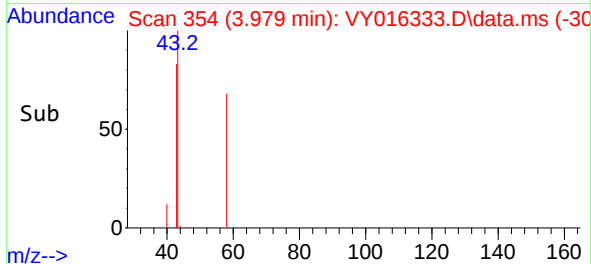
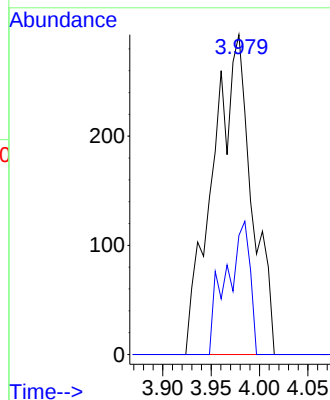
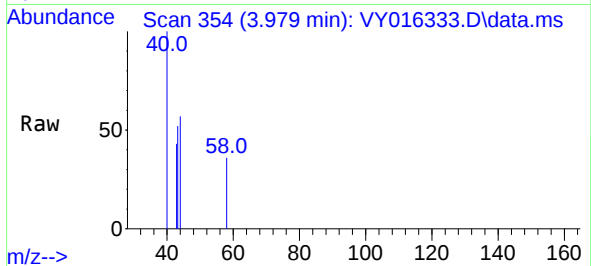




#16
Acetone
Concen: 4.893 ug/l
RT: 3.979 min Scan# 317
Delta R.T. 0.018 min
Lab File: VY016333.D
Acq: 13 Nov 2023 19:16

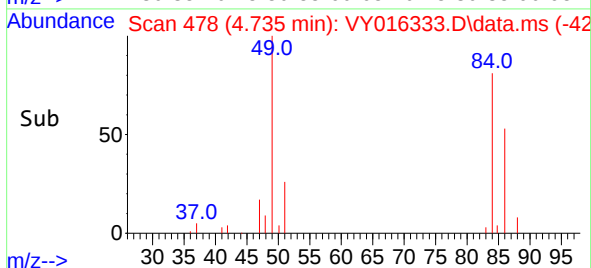
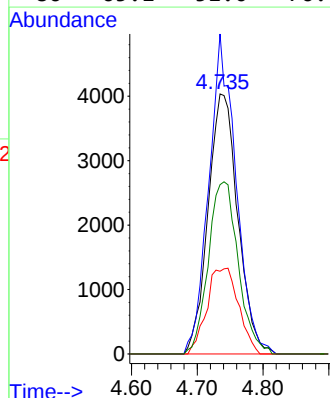
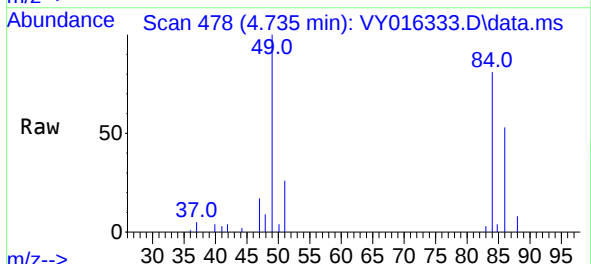
Instrument :
MSVOA_Y
ClientSampleId :

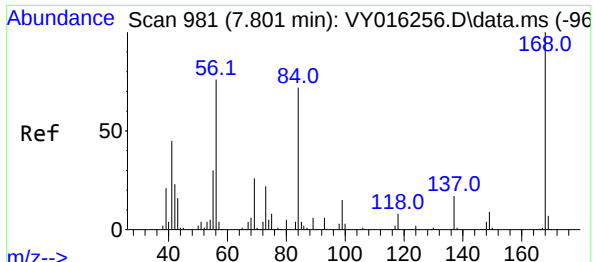
Tgt Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
58 37.2 22.7 34.1#



#20
Methylene Chloride
Concen: 7.841 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016333.D
Acq: 13 Nov 2023 19:16

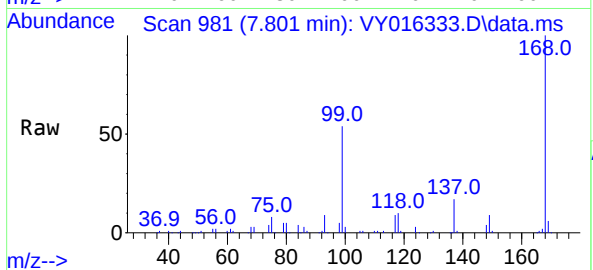
Tgt Ion: 84 Resp: 12710
Ion Ratio Lower Upper
84 100
49 123.1 106.9 160.3
51 31.8 33.2 49.8#
86 65.1 51.0 76.6



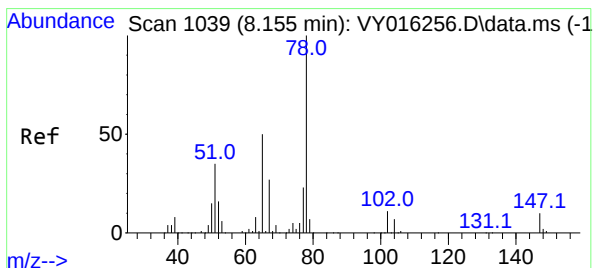
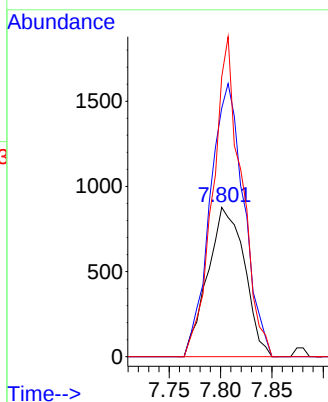
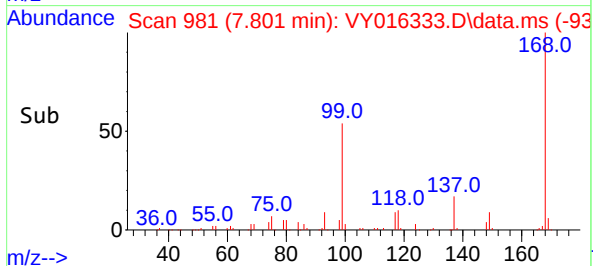


#31
Cyclohexane
Concen: 1.098 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016333.D
Acq: 13 Nov 2023 19:16

Instrument :
MSVOA_Y
ClientSampleId :

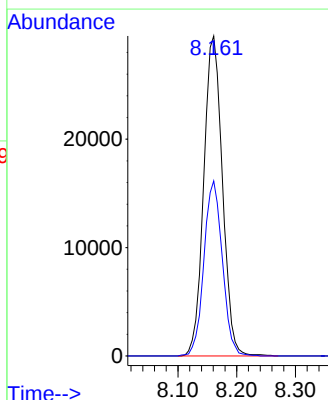
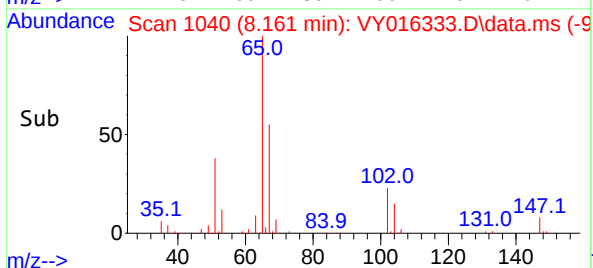
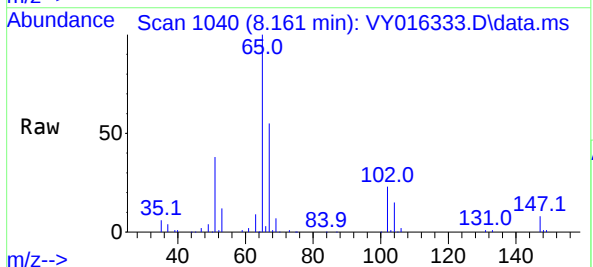


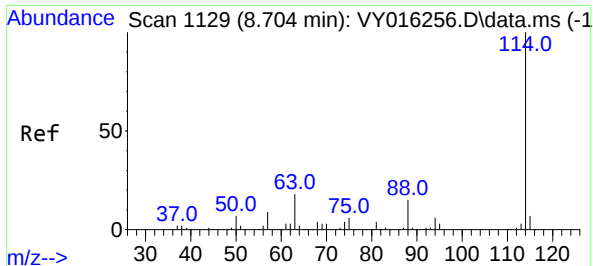
Tgt Ion: 56 Resp: 2183
Ion Ratio Lower Upper
56 100
69 166.4 27.8 41.6#
84 187.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 64.701 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016333.D
Acq: 13 Nov 2023 19:16

Tgt Ion: 65 Resp: 65308
Ion Ratio Lower Upper
65 100
67 53.9 0.0 101.8

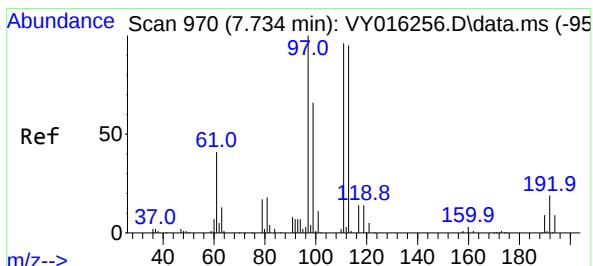
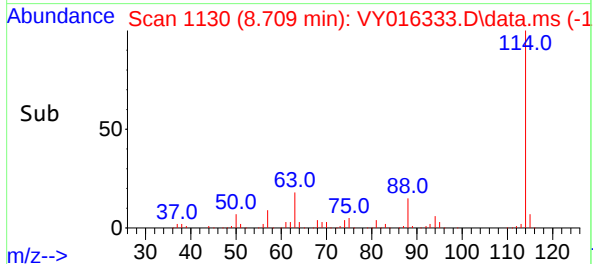
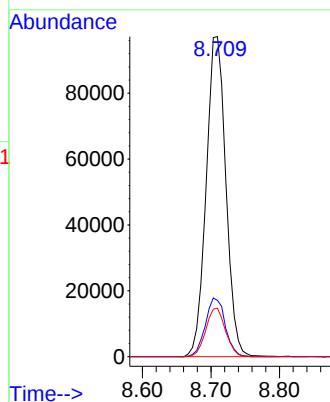
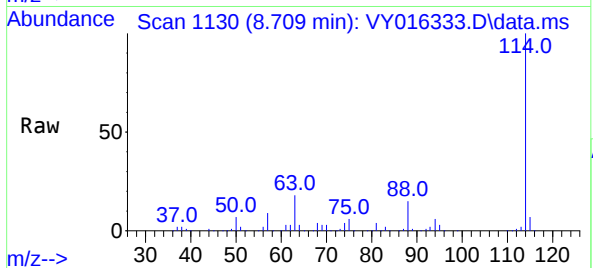




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY016333.D
Acq: 13 Nov 2023 19:16

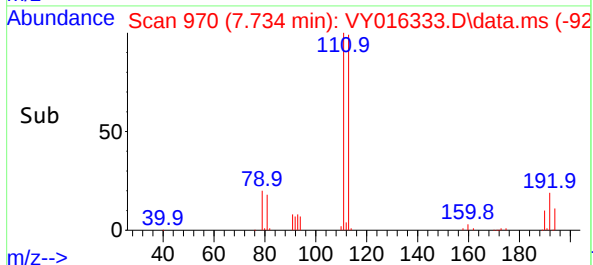
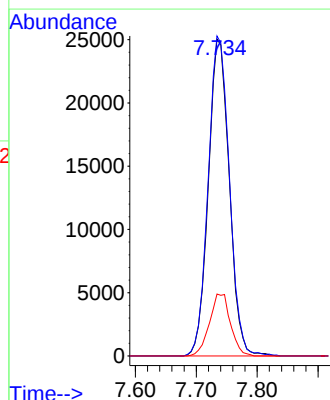
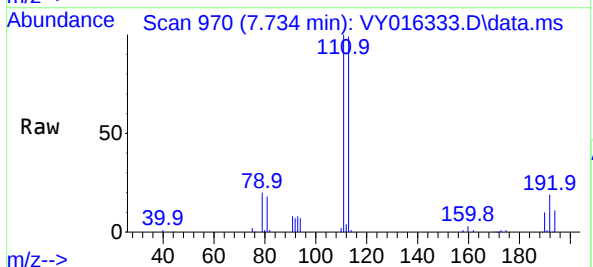
Instrument :
MSVOA_Y
ClientSampleId :

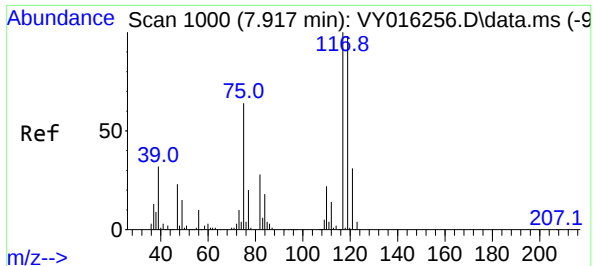
Tgt Ion:114 Resp: 194440
Ion Ratio Lower Upper
114 100
63 17.6 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.117 ug/l
RT: 7.734 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY016333.D
Acq: 13 Nov 2023 19:16

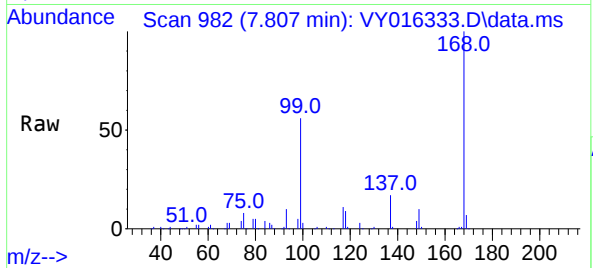
Tgt Ion:113 Resp: 59775
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.6 16.9 25.3



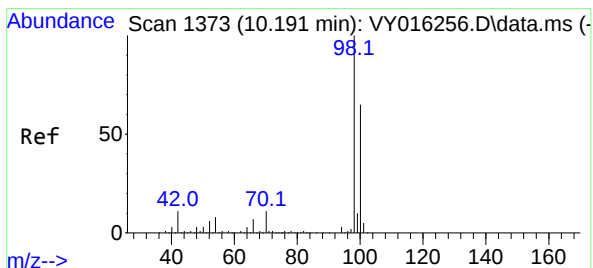
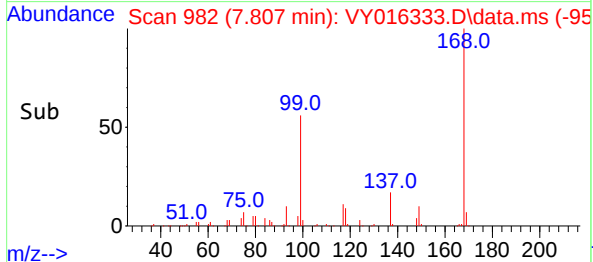
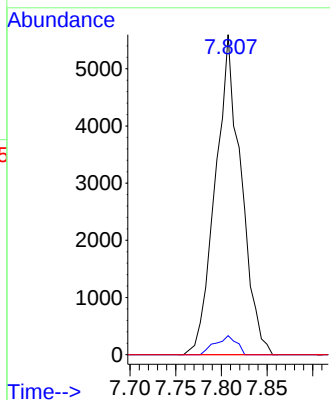


#38
Carbon Tetrachloride
Concen: 5.524 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016333.D
Acq: 13 Nov 2023 19:16

Instrument :
MSVOA_Y
ClientSampleId :

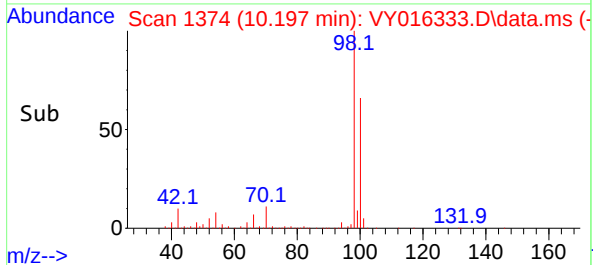
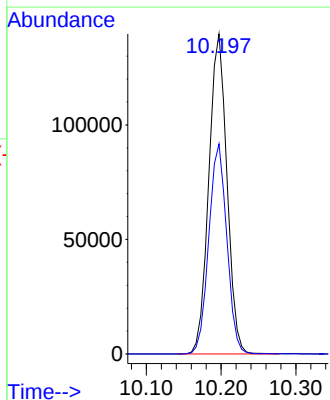
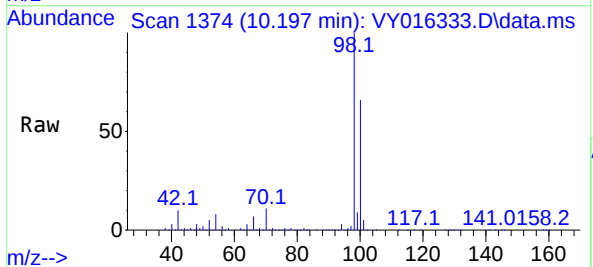


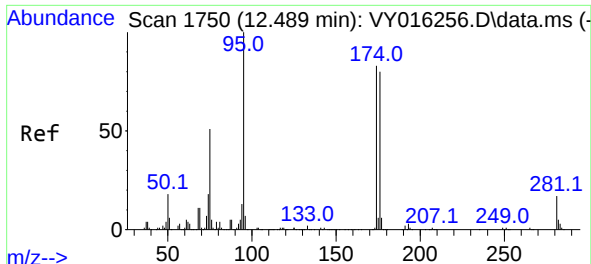
Tgt Ion:117 Resp: 10995
Ion Ratio Lower Upper
117 100
119 5.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 52.487 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016333.D
Acq: 13 Nov 2023 19:16

Tgt Ion: 98 Resp: 235096
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

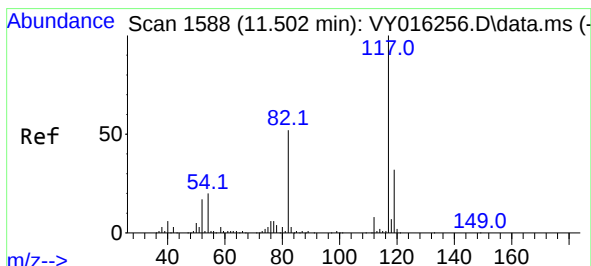
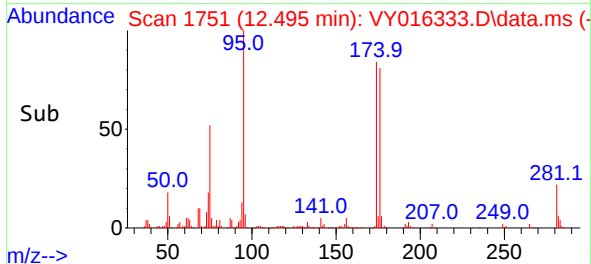
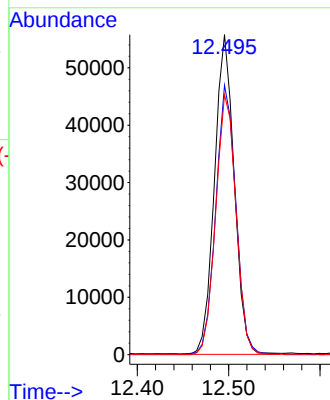
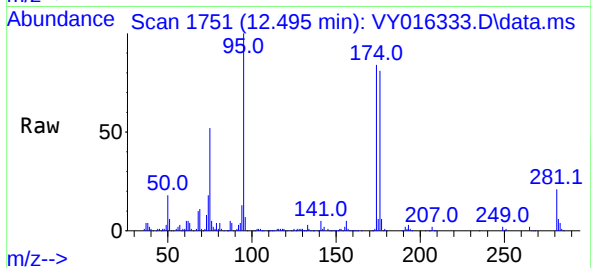




#62
4-Bromofluorobenzene
Concen: 57.543 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016333.D
Acq: 13 Nov 2023 19:16

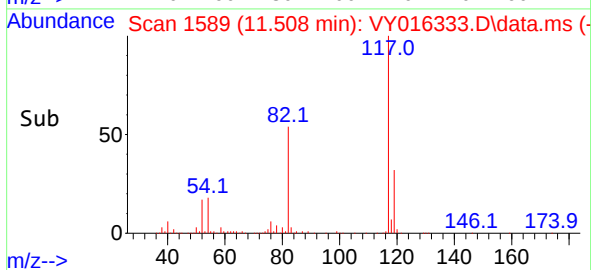
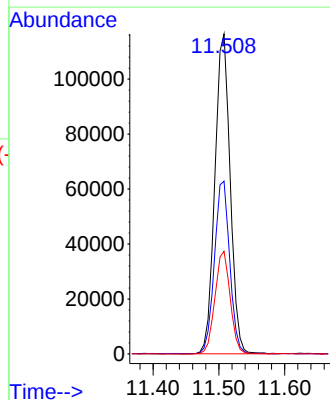
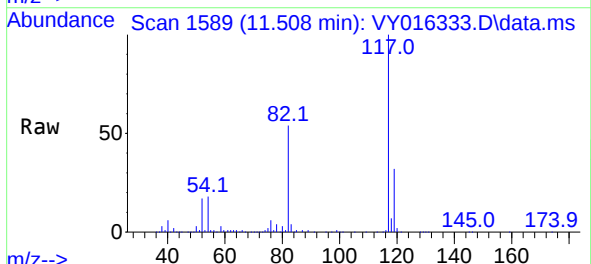
Instrument :
MSVOA_Y
ClientSampleId :

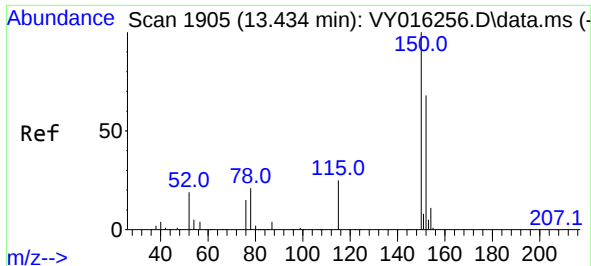
Tgt Ion: 95 Resp: 83711
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 83.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016333.D
Acq: 13 Nov 2023 19:16

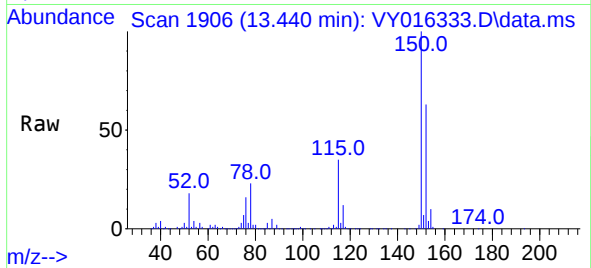
Tgt Ion: 117 Resp: 188784
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 32.1 26.3 39.5



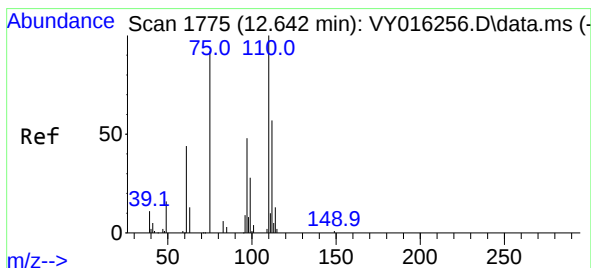
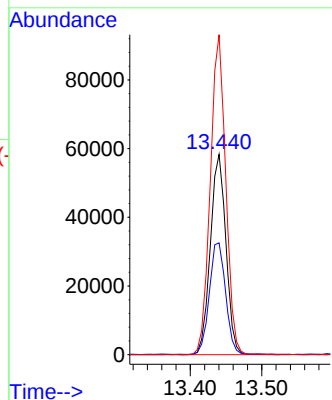
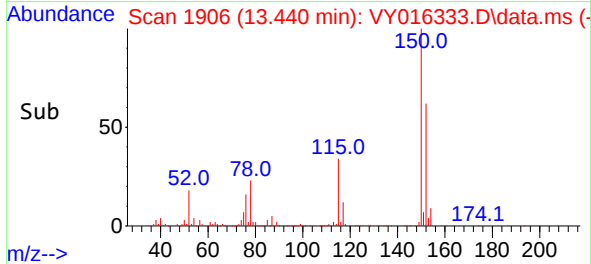


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY016333.D
Acq: 13 Nov 2023 19:16

Instrument :
MSVOA_Y
ClientSampleId :

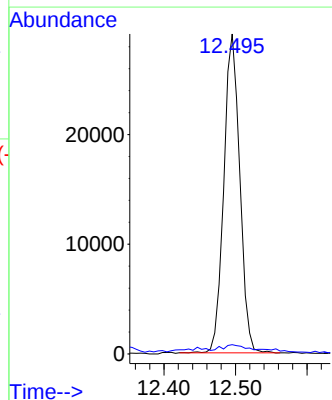
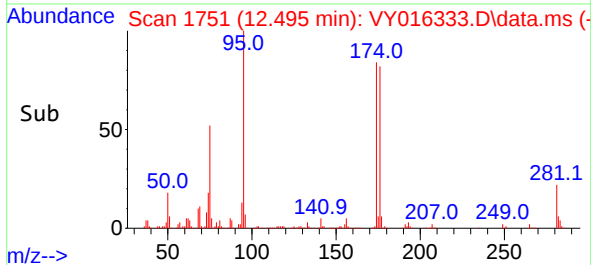
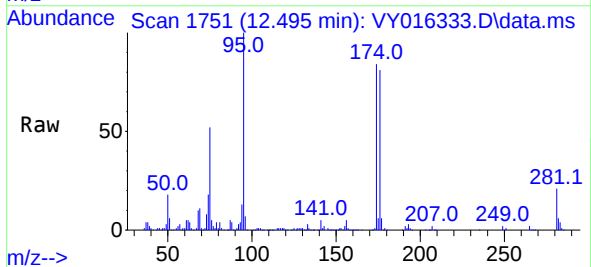


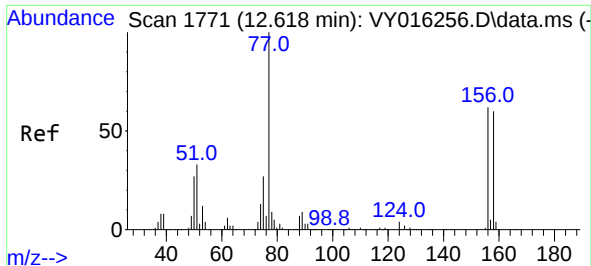
Tgt Ion:152 Resp: 88467
Ion Ratio Lower Upper
152 100
115 57.8 28.8 86.5
150 158.3 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 53.032 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY016333.D
Acq: 13 Nov 2023 19:16

Tgt Ion: 75 Resp: 45006
Ion Ratio Lower Upper
75 100
77 2.4 0.0 0.0#

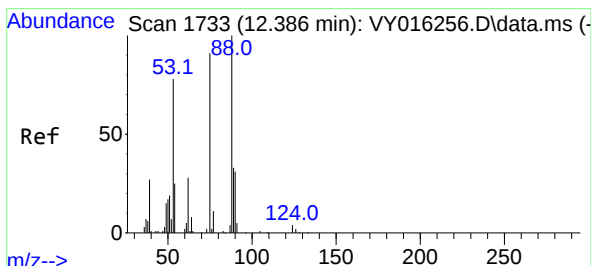
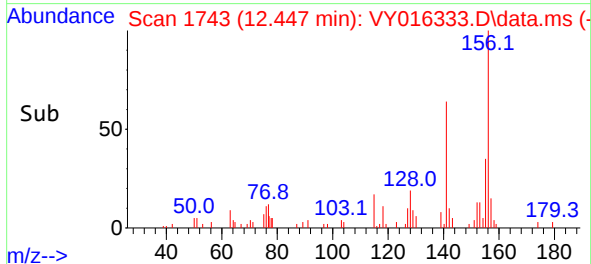
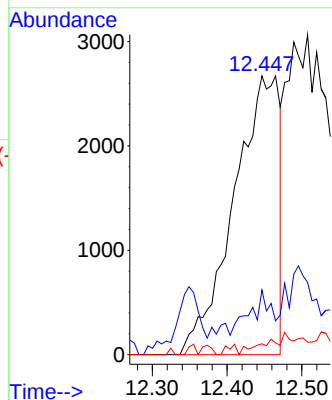
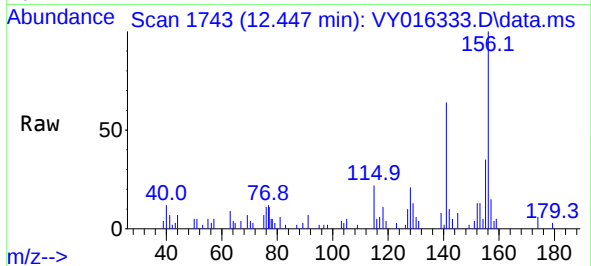




#77
Bromobenzene
Concen: 6.979 ug/l
RT: 12.447 min Scan# 11
Delta R.T. -0.171 min
Lab File: VY016333.D
Acq: 13 Nov 2023 19:16

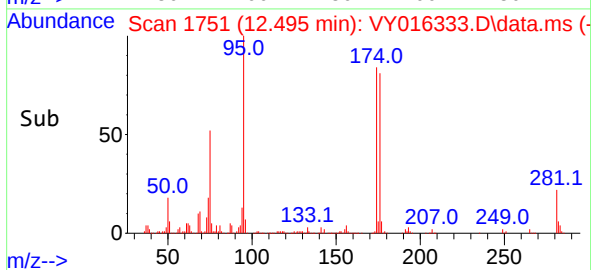
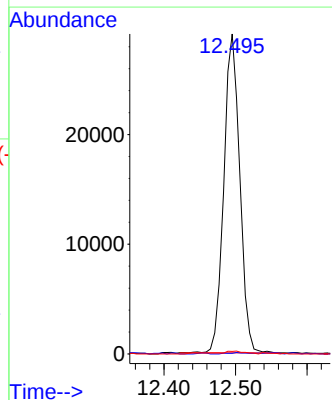
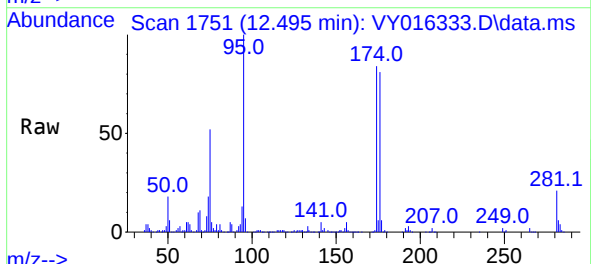
Instrument :
MSVOA_Y
ClientSampleId :

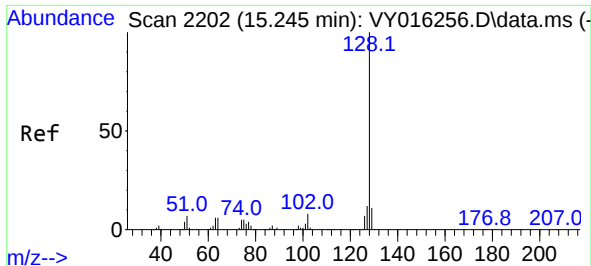
Tgt Ion:156 Resp: 11300
Ion Ratio Lower Upper
156 100
77 7.1 92.8 278.6#
158 0.0 48.4 145.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.111 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY016333.D
Acq: 13 Nov 2023 19:16

Tgt Ion: 75 Resp: 45006
Ion Ratio Lower Upper
75 100
53 0.5 77.8 116.8#
89 1.1 37.4 56.0#





#95

Naphthalene

Concen: 6.577 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

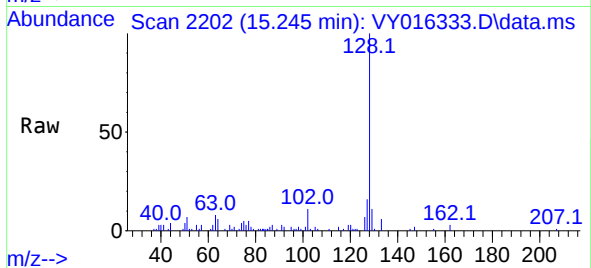
Lab File: VY016333.D

Acq: 13 Nov 2023 19:16

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 18327

Ion Ratio Lower Upper

128 100

127 14.8 10.8 16.2

129 11.0 8.6 13.0

