

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017048.D
 Acq On : 19 Jan 2024 12:15
 Operator : SY/MD
 Sample : P1182-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-011824

Quant Time: Jan 19 22:19:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

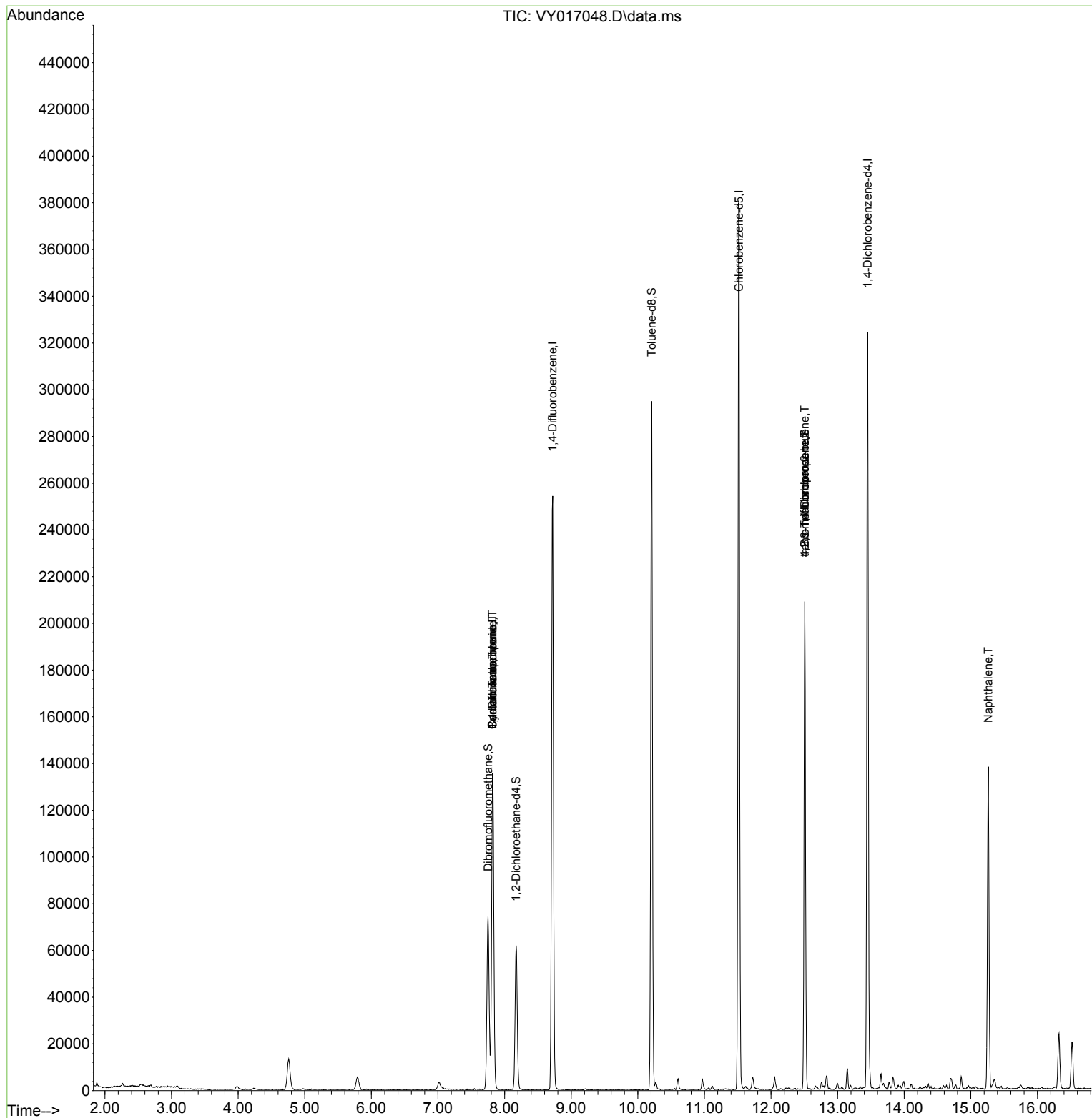
Internal Standards						
1) Pentafluorobenzene	7.819	168	103532	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	222830	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	216516	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.453	152	85024	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	48965	47.851	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.700%
35) Dibromofluoromethane	7.752	113	53623	37.764	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.520%
50) Toluene-d8	10.209	98	194803	39.840	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.680%
62) 4-Bromofluorobenzene	12.508	95	63412	38.438	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.880%
Target Compounds						
11) Tert butyl alcohol	4.985	59	251	Below Cal	#	75
16) Acetone	3.985	43	2667	Below Cal		96
25) 2-Butanone	7.015	43	287	Below Cal	#	48
31) Cyclohexane	7.819	56	2411	1.373	ug/l #	1
36) 1,1-Dichloropropene	7.819	75	8853	4.278	ug/l #	48
38) Carbon Tetrachloride	7.819	117	10285	4.892	ug/l #	17
76) 1,2,3-Trichloropropane	12.508	75	33209	35.992	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.508	75	33209	81.730	ug/l #	12
95) Naphthalene	15.263	128	110638	47.470	ug/l	99

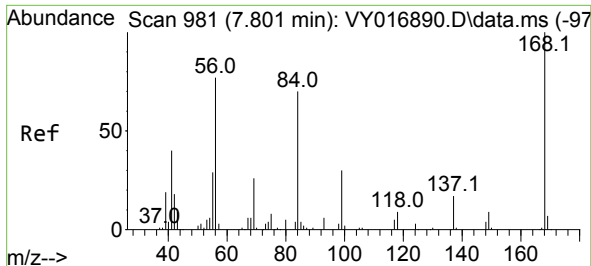
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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OR-03-011824

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Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

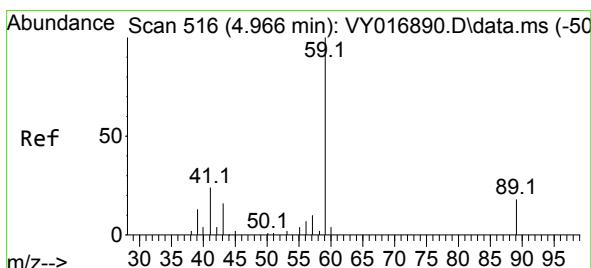
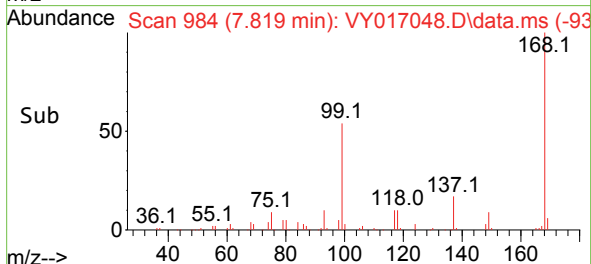
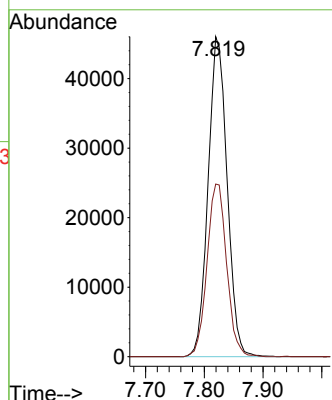
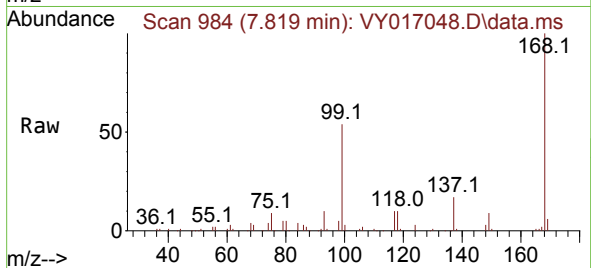




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

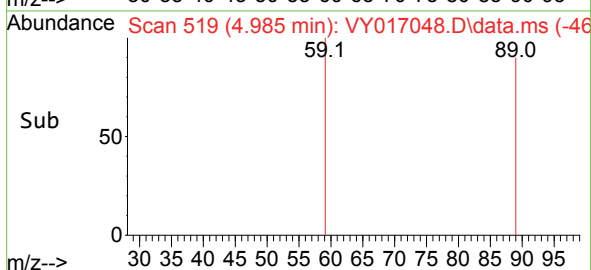
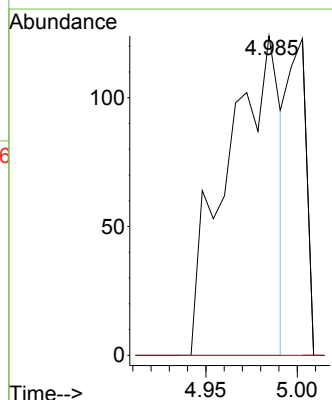
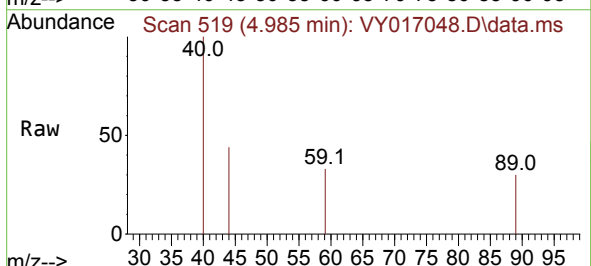
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-011824

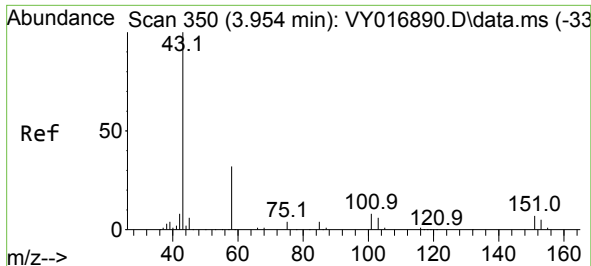
Tgt Ion:168 Resp: 103532
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.985 min Scan# 519
Delta R.T. 0.019 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

Tgt Ion: 59 Resp: 251
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

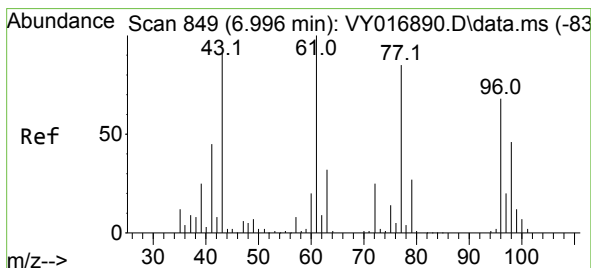
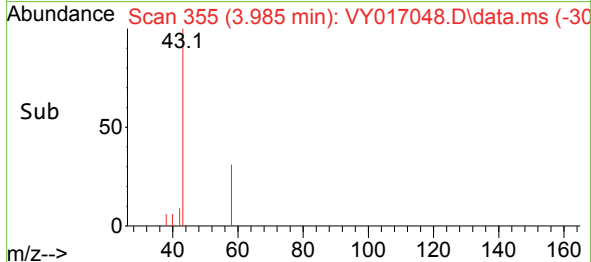
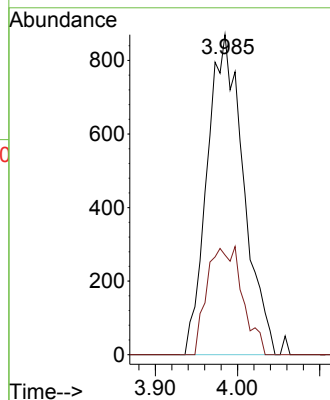
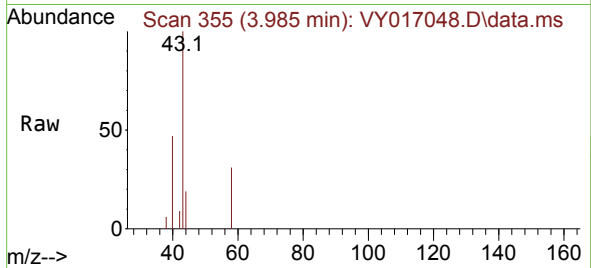




#16
Acetone
Concen: Below Cal
RT: 3.985 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

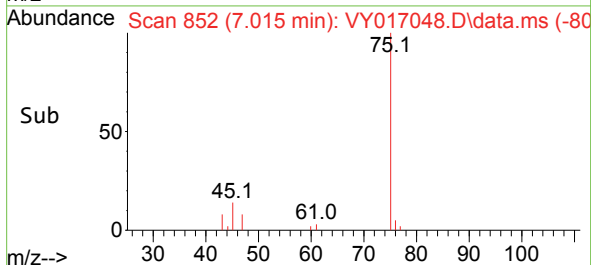
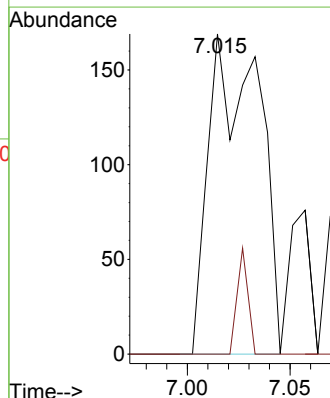
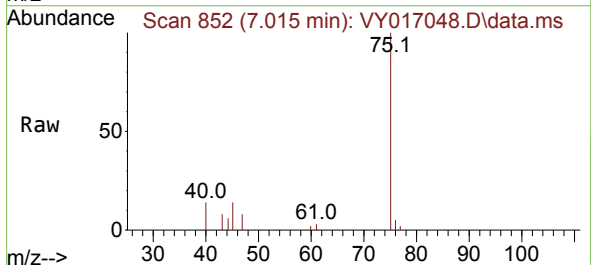
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-011824

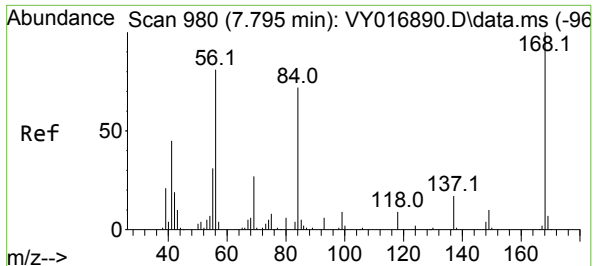
Tgt Ion: 43 Resp: 2667
Ion Ratio Lower Upper
43 100
58 31.1 26.6 39.8



#25
2-Butanone
Concen: Below Cal
RT: 7.015 min Scan# 852
Delta R.T. 0.019 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

Tgt Ion: 43 Resp: 287
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#

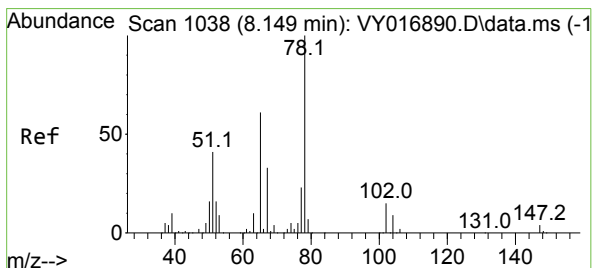
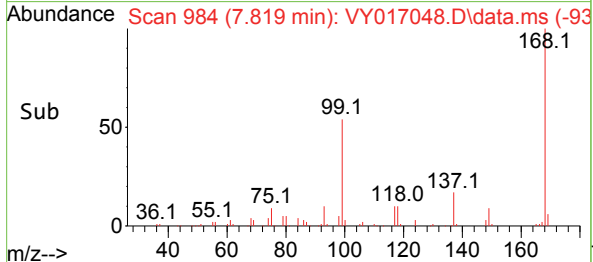
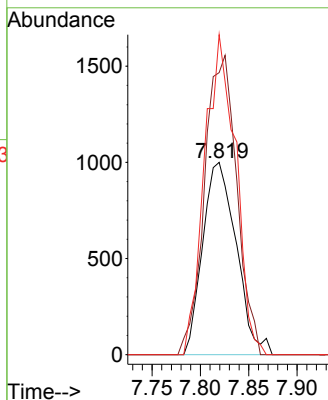
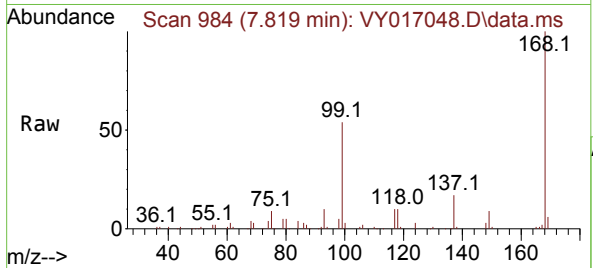




#31
Cyclohexane
Concen: 1.373 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

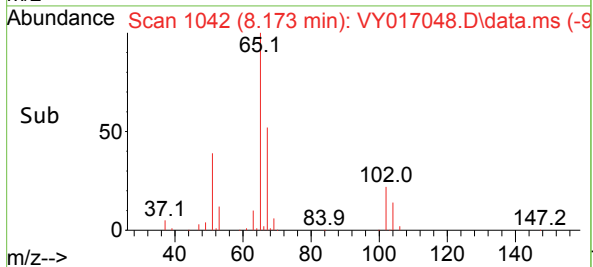
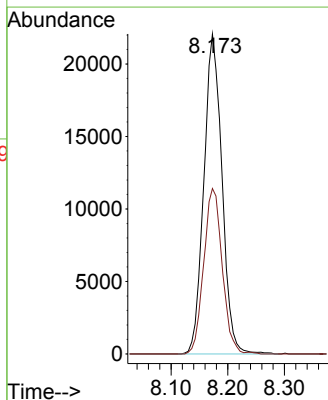
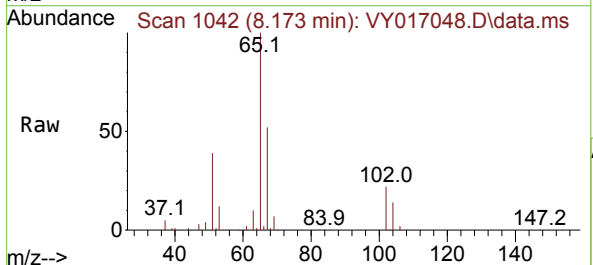
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-011824

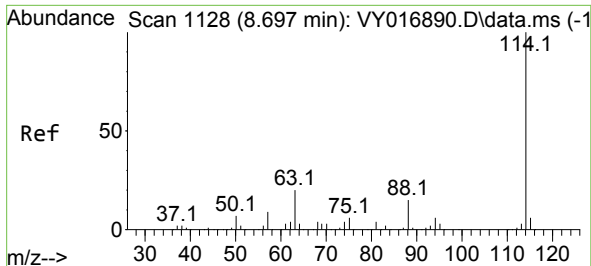
Tgt Ion: 56 Resp: 2411
Ion Ratio Lower Upper
56 100
69 146.7 27.0 40.6#
84 166.4 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 47.851 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

Tgt Ion: 65 Resp: 48965
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.0

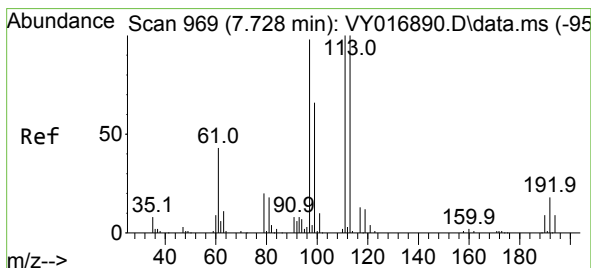
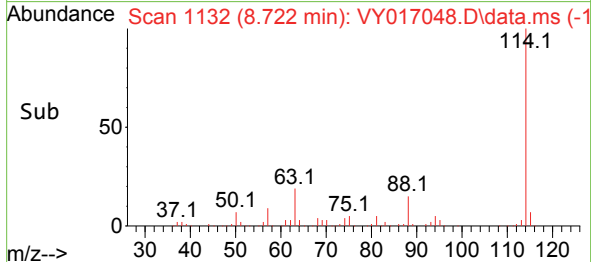
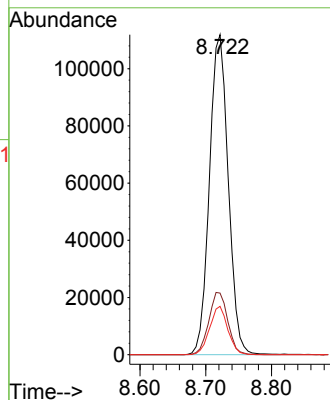
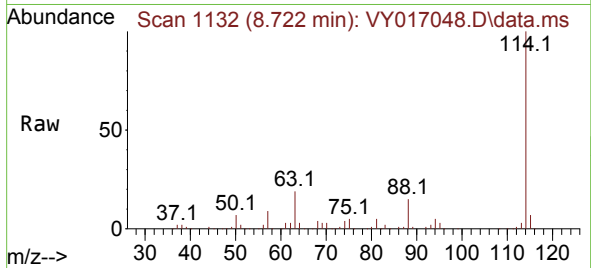




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.722 min Scan# 1128
Delta R.T. 0.019 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

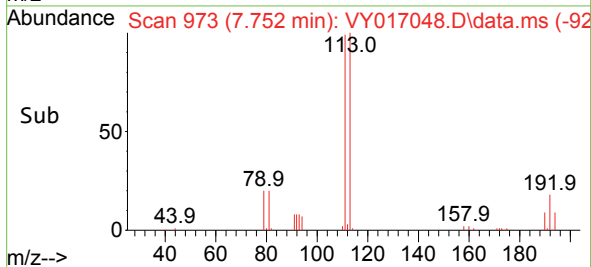
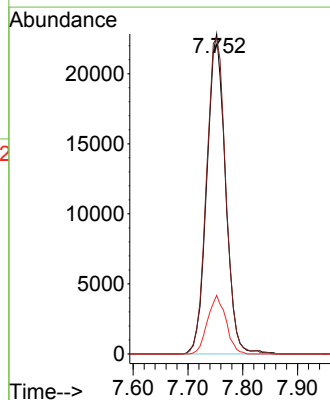
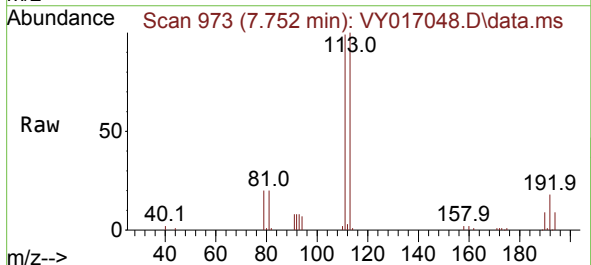
Instrument :
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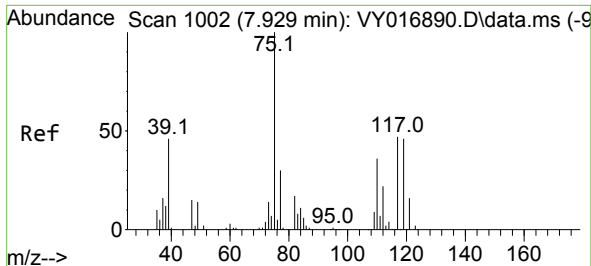
Tgt Ion:114 Resp: 222830
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.4
88 15.1 0.0 29.0



#35
Dibromofluoromethane
Concen: 37.764 ug/l
RT: 7.752 min Scan# 973
Delta R.T. 0.024 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

Tgt Ion:113 Resp: 53623
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 18.1 14.5 21.7

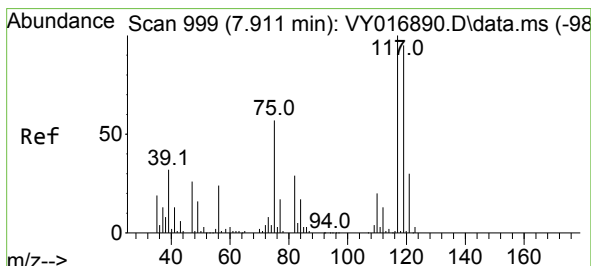
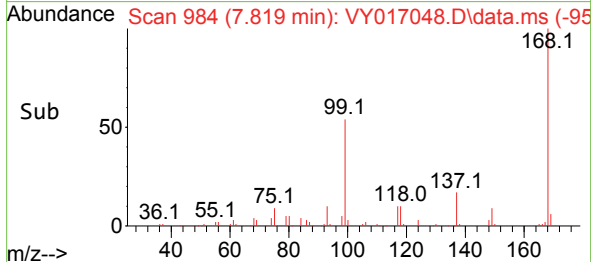
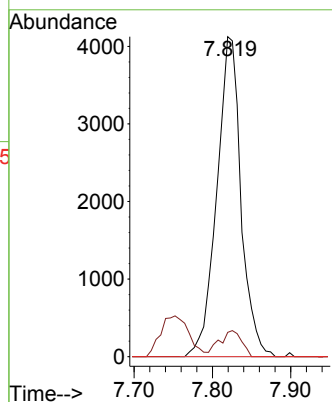
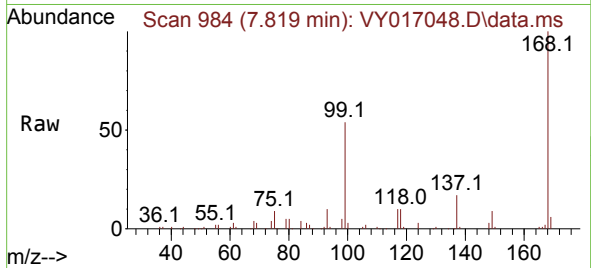




#36
 1,1-Dichloropropene
 Concen: 4.278 ug/l
 RT: 7.819 min Scan# 984
 Delta R.T. -0.110 min
 Lab File: VY017048.D
 Acq: 19 Jan 2024 12:15

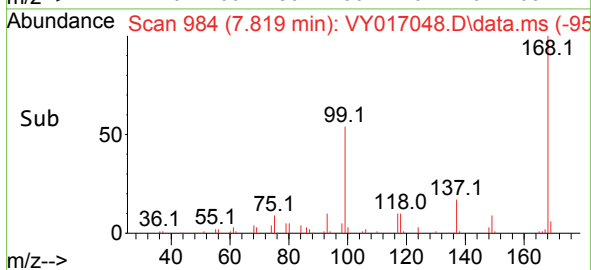
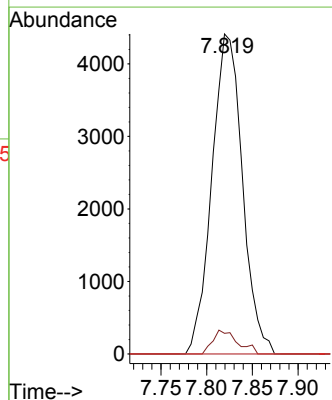
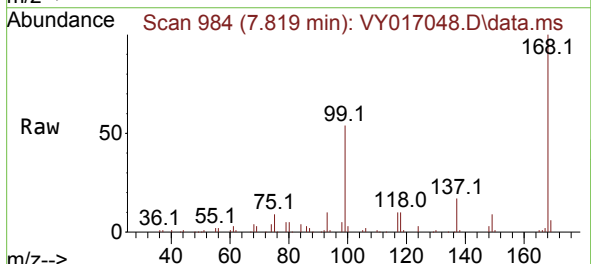
Instrument :
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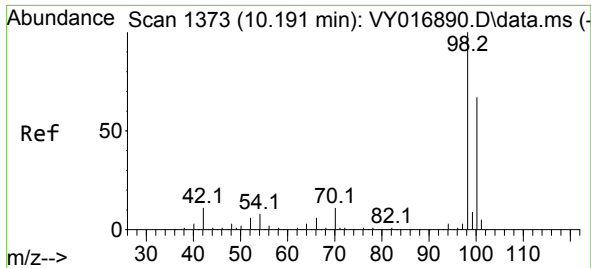
Tgt Ion: 75 Resp: 8853
 Ion Ratio Lower Upper
 75 100
 110 7.4 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 4.892 ug/l
 RT: 7.819 min Scan# 984
 Delta R.T. -0.098 min
 Lab File: VY017048.D
 Acq: 19 Jan 2024 12:15

Tgt Ion: 117 Resp: 10285
 Ion Ratio Lower Upper
 117 100
 119 6.5 76.0 114.0#
 121 0.0 24.2 36.2#

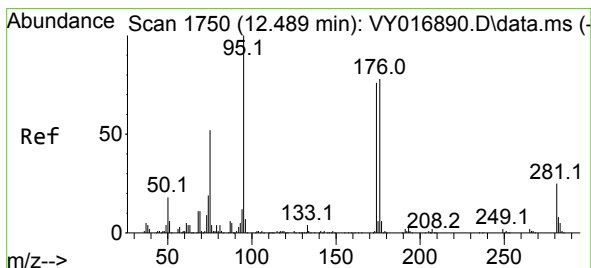
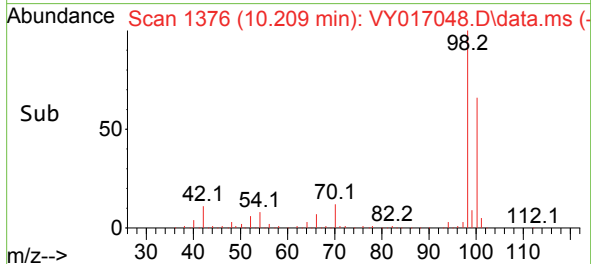
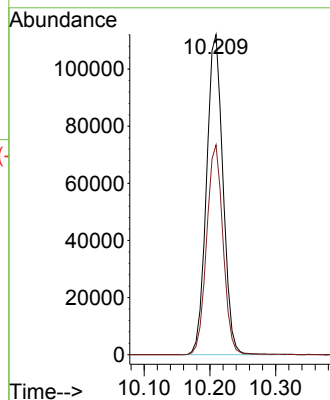
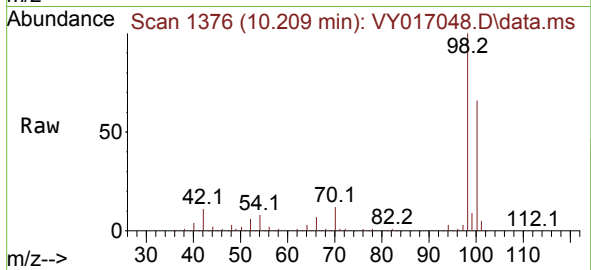




#50
Toluene-d8
Concen: 39.840 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

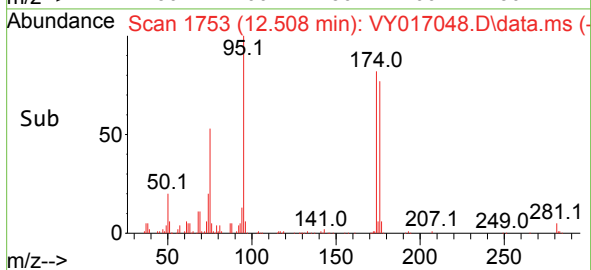
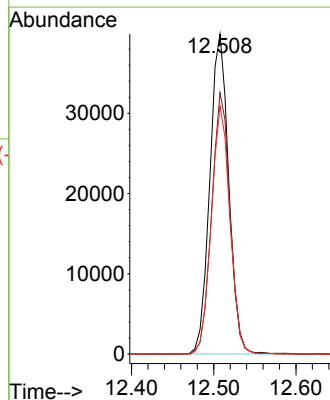
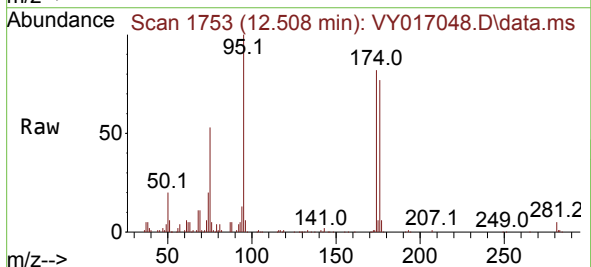
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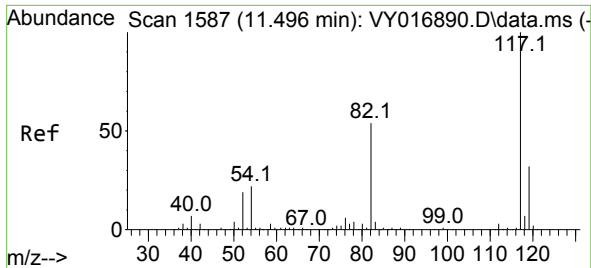
Tgt Ion: 98 Resp: 194803
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 38.438 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.019 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

Tgt Ion: 95 Resp: 63412
Ion Ratio Lower Upper
95 100
174 79.7 0.0 160.0
176 76.4 0.0 151.8

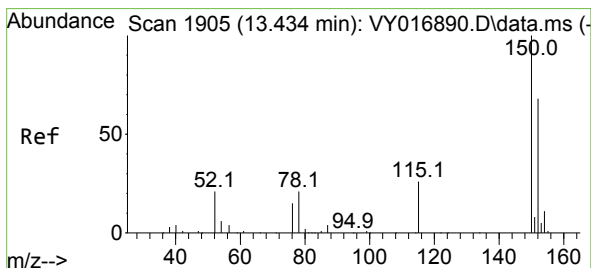
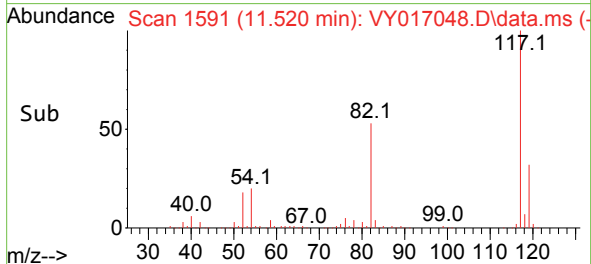
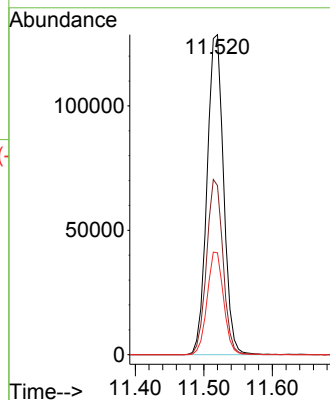
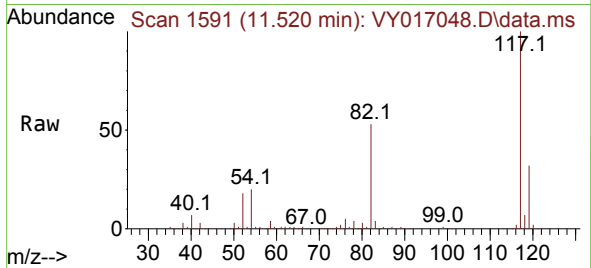




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

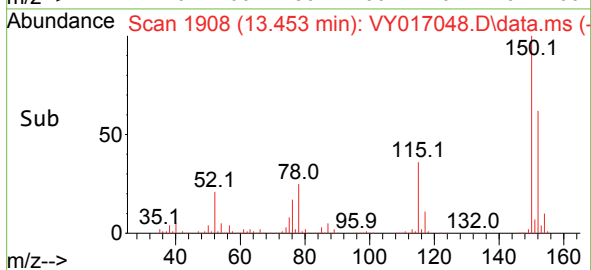
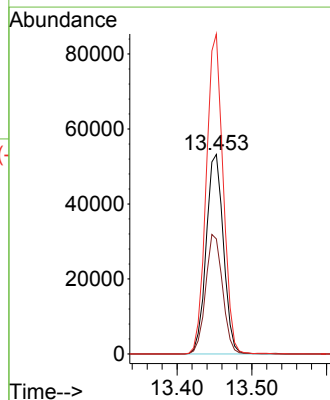
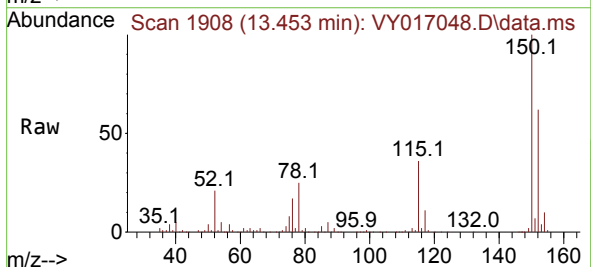
Instrument :
MSVOA_Y
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OR-03-011824

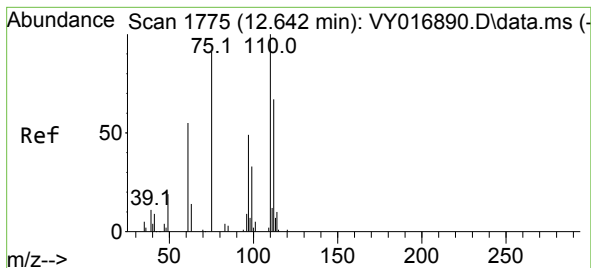
Tgt Ion:117 Resp: 216516
Ion Ratio Lower Upper
117 100
82 52.8 43.8 65.8
119 31.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.019 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

Tgt Ion:152 Resp: 85024
Ion Ratio Lower Upper
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115 59.1 30.0 90.0
150 156.8 0.0 344.6

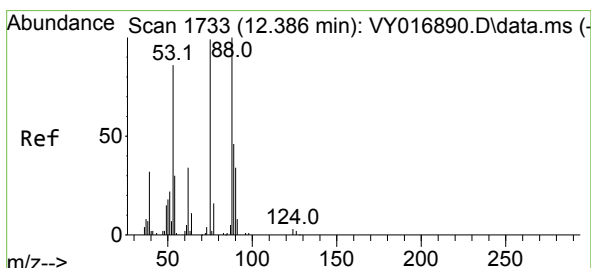
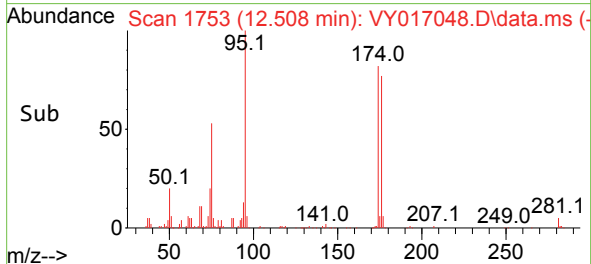
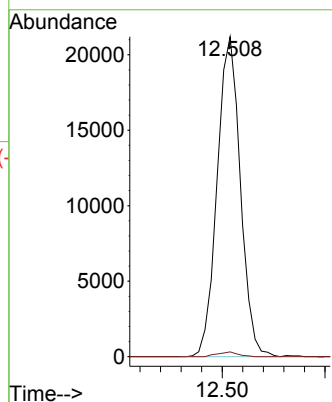
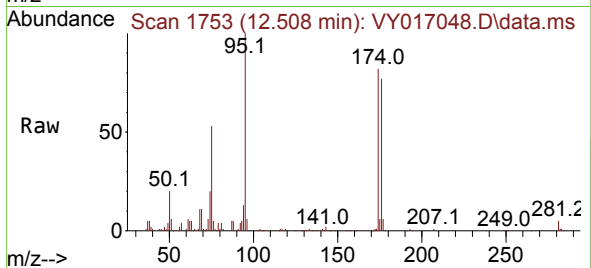




#76
1,2,3-Trichloropropane
Concen: 35.992 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. -0.134 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

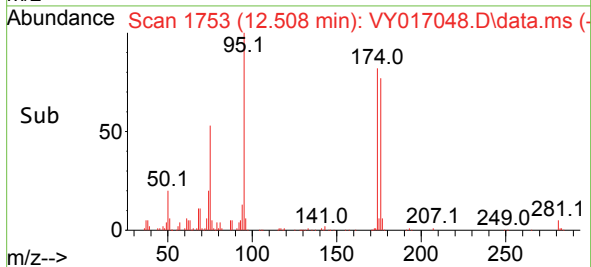
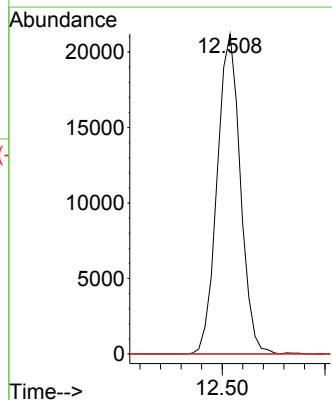
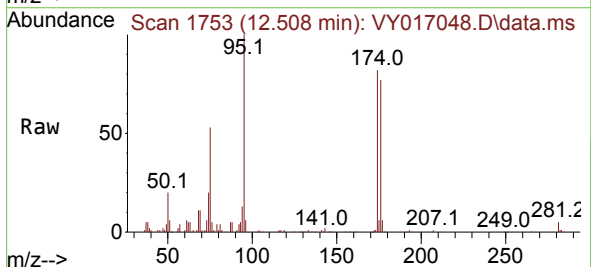
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-011824

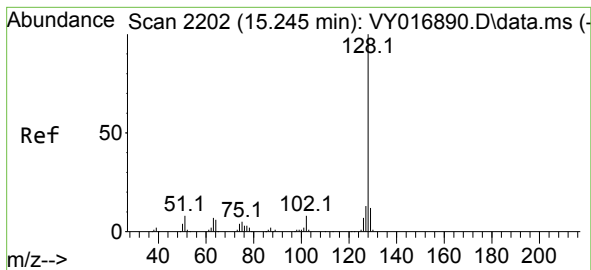
Tgt Ion: 75 Resp: 33209
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.730 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.123 min
Lab File: VY017048.D
Acq: 19 Jan 2024 12:15

Tgt Ion: 75 Resp: 33209
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95
 Naphthalene
 Concen: 47.470 ug/l
 RT: 15.263 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VY017048.D
 Acq: 19 Jan 2024 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-011824

Tgt Ion:	128	Resp:	110638
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.6	12.8

