

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040124\
 Data File : VY017801.D
 Acq On : 01 Apr 2024 11:31
 Operator : SY/MD
 Sample : VY0401SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBL01

Quant Time: Apr 02 03:17:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

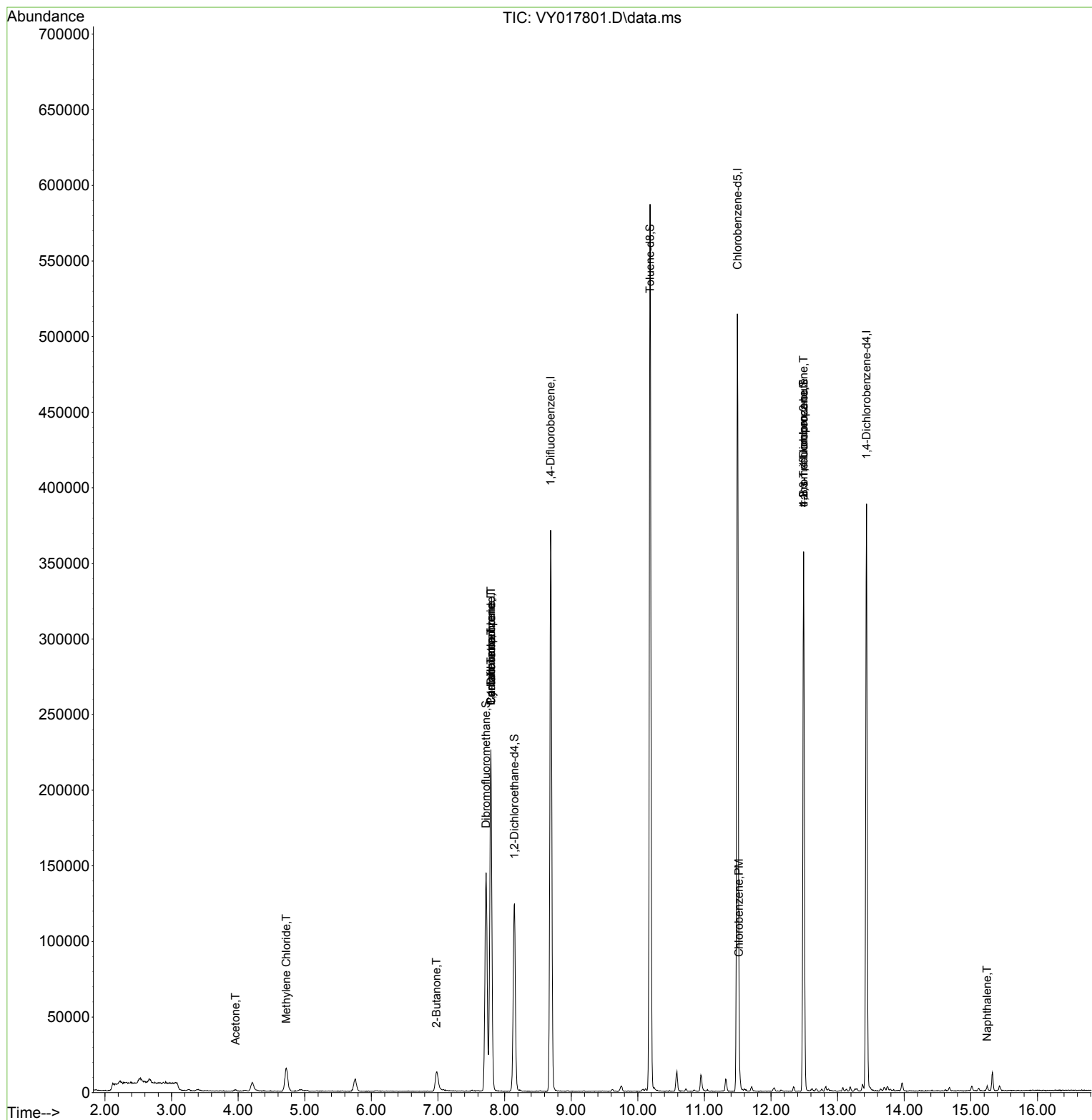
Internal Standards						
1) Pentafluorobenzene	7.795	168	176069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	323227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	276594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	98263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	95762	62.853	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.700%	
35) Dibromofluoromethane	7.722	113	103117	55.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.420%	
50) Toluene-d8	10.185	98	373305	53.506	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.020%	
62) 4-Bromofluorobenzene	12.489	95	93005	43.814	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	777	Below Cal	#	88
16) Acetone	3.960	43	1809	5.744	ug/l #	77
20) Methylene Chloride	4.722	84	11713	3.606	ug/l	91
25) 2-Butanone	6.978	43	450	1.003	ug/l #	41
31) Cyclohexane	7.795	56	3794	1.414	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13552	4.973	ug/l #	47
38) Carbon Tetrachloride	7.795	117	16255	5.746	ug/l #	17
51) 4-Methyl-2-Pentanone	10.075	43	1048	Below Cal		95
56) Ethyl methacrylate	10.520	69	23	Below Cal	#	1
65) Chlorobenzene	11.520	112	7126	1.256	ug/l	99
69) o-Xylene	12.032	106	398	Below Cal		98
70) Styrene	12.056	104	848	Below Cal		96
74) N-amyl acetate	12.154	43	437	Below Cal	#	87
76) 1,2,3-Trichloropropane	12.489	75	51719	57.759	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	51719	111.249	ug/l #	16
95) Naphthalene	15.245	128	2720	2.079	ug/l #	93

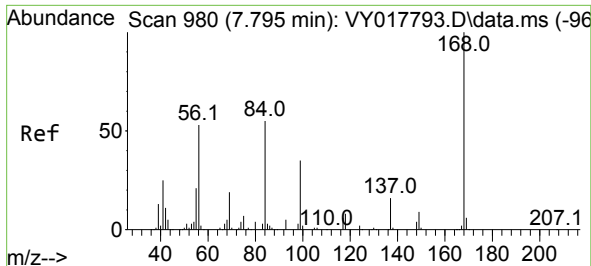
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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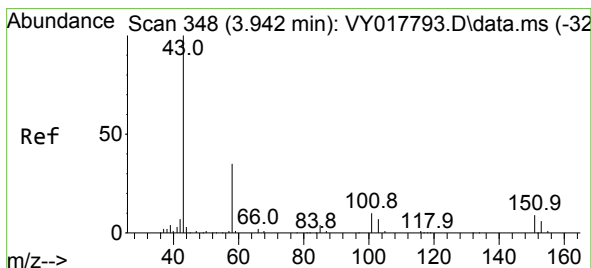
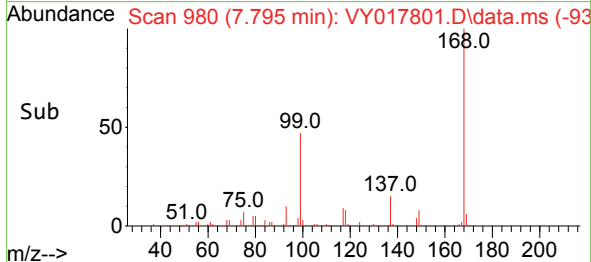
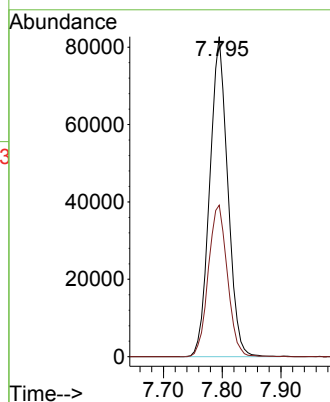
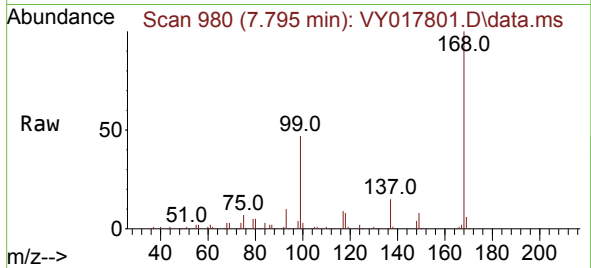




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

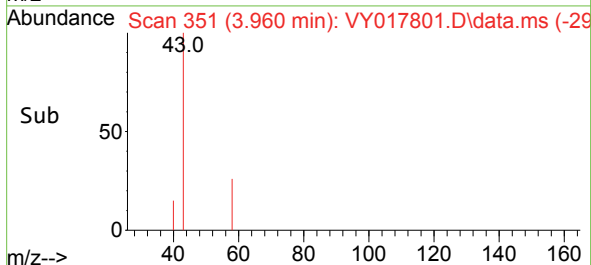
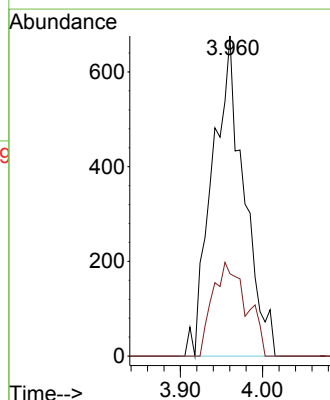
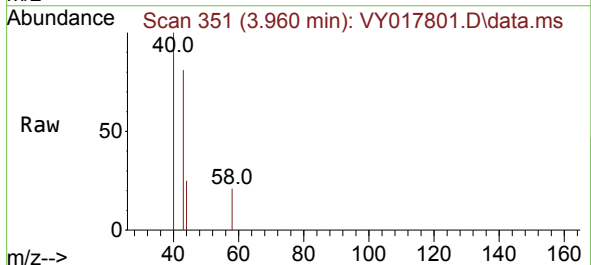
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

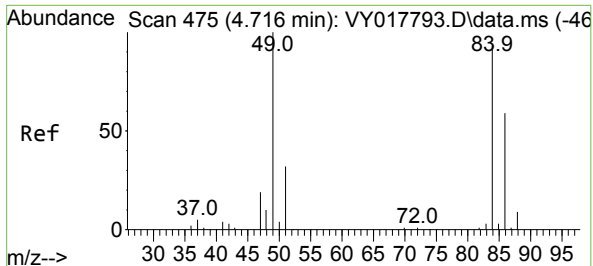
Tgt Ion:168 Resp: 176069
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#16
Acetone
Concen: 5.744 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

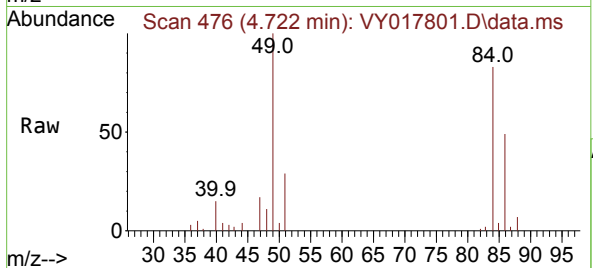
Tgt Ion: 43 Resp: 1809
Ion Ratio Lower Upper
43 100
58 25.7 31.7 47.5#





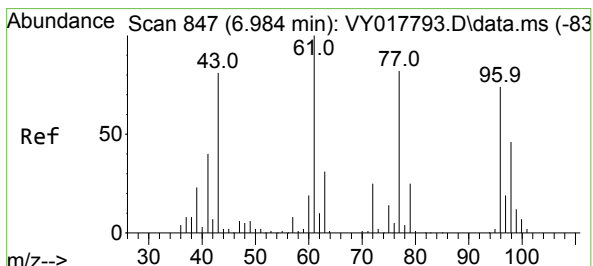
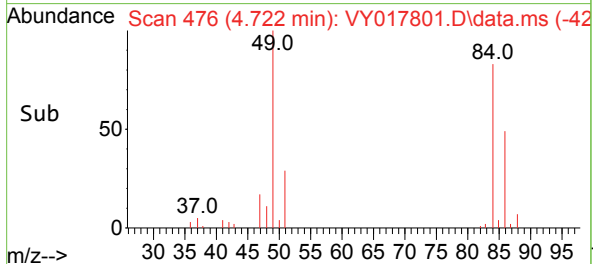
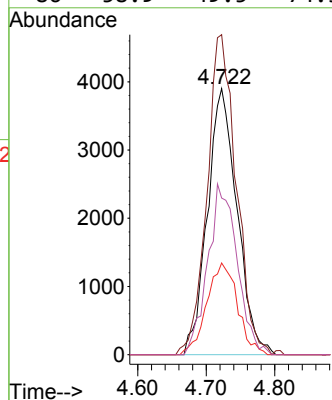
#20
Methylene Chloride
Concen: 3.606 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01



Tgt Ion: 84 Resp: 11713

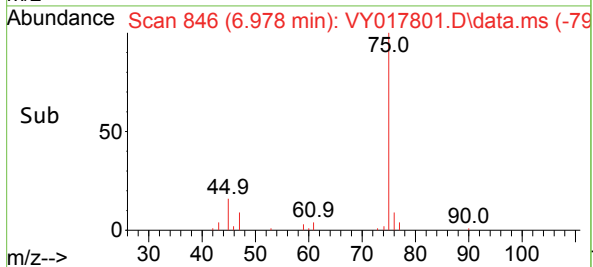
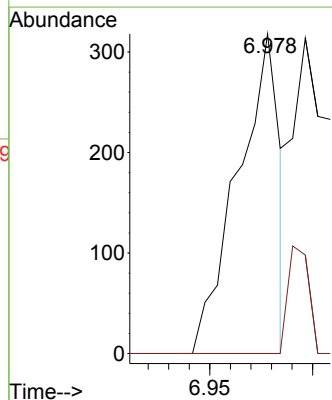
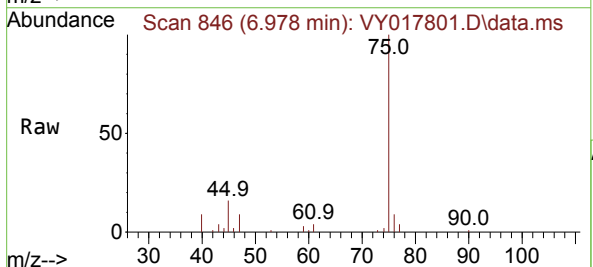
Ion	Ratio	Lower	Upper
84	100		
49	118.7	84.4	126.6
51	34.5	26.0	39.0
86	58.9	49.5	74.3

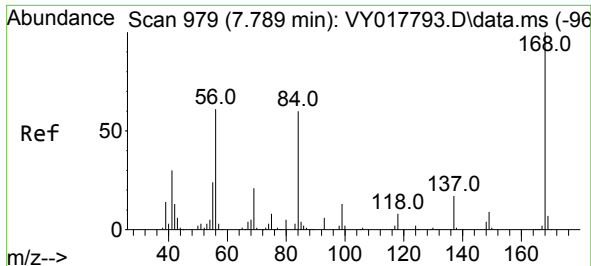


#25
2-Butanone
Concen: 1.003 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

Tgt Ion: 43 Resp: 450

Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#

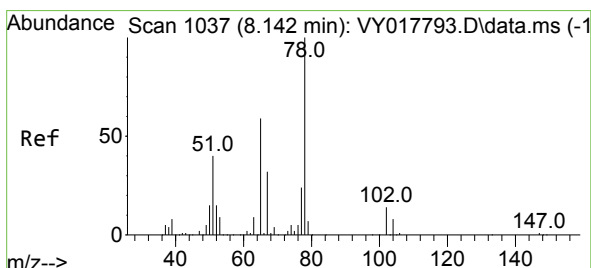
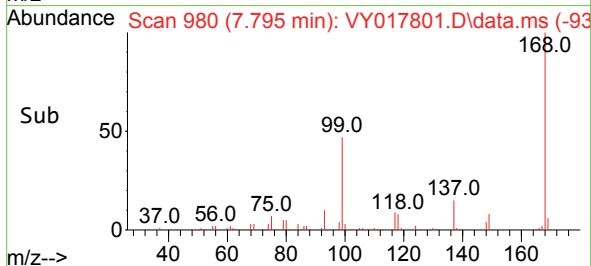
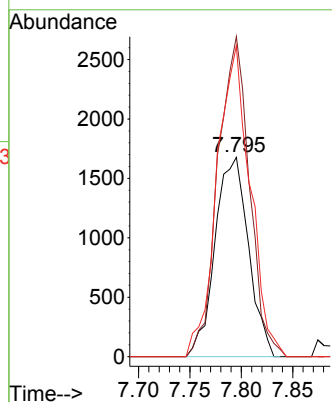
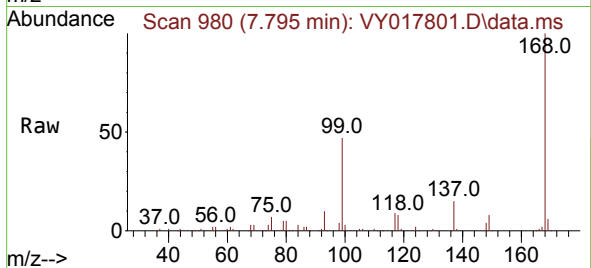




#31
Cyclohexane
Concen: 1.414 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

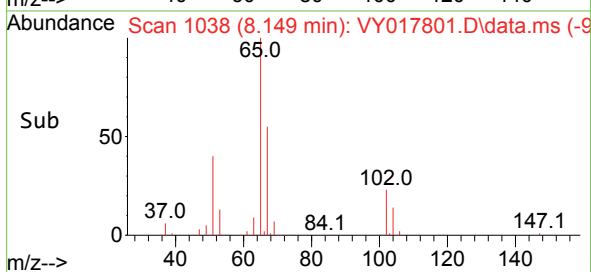
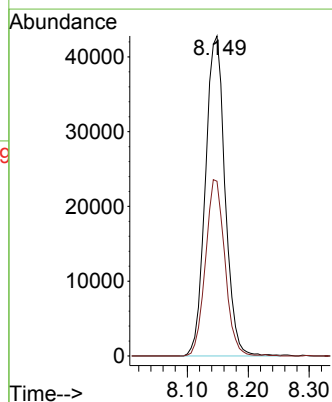
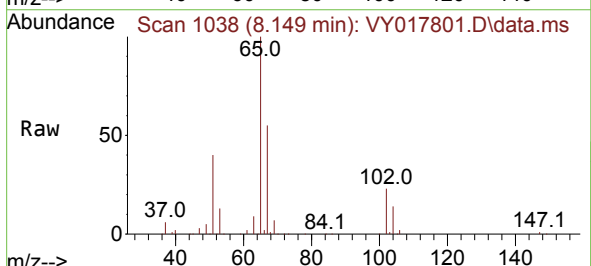
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

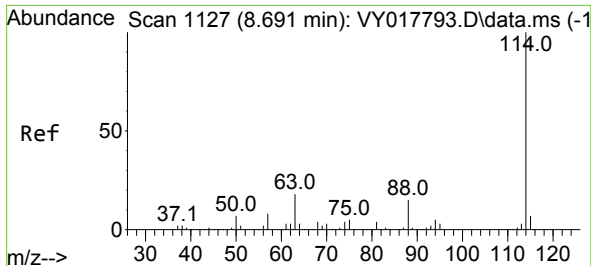
Tgt Ion: 56 Resp: 3794
Ion Ratio Lower Upper
56 100
69 160.5 28.7 43.1#
84 155.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 62.853 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

Tgt Ion: 65 Resp: 95762
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.6

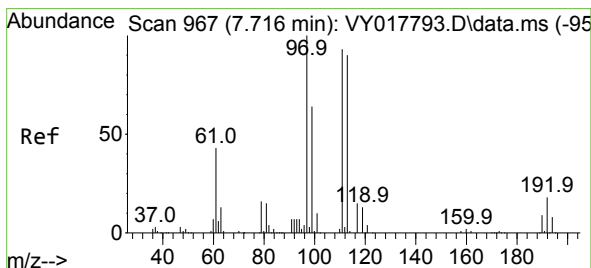
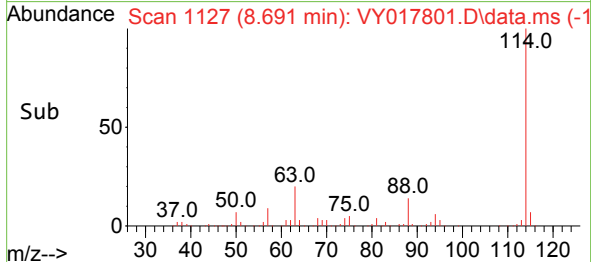
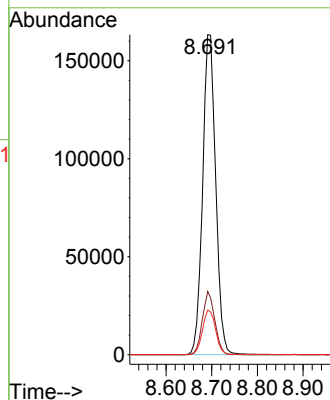
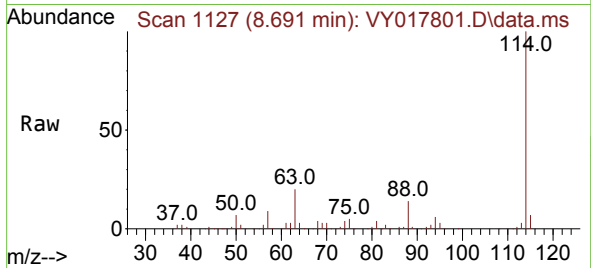




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

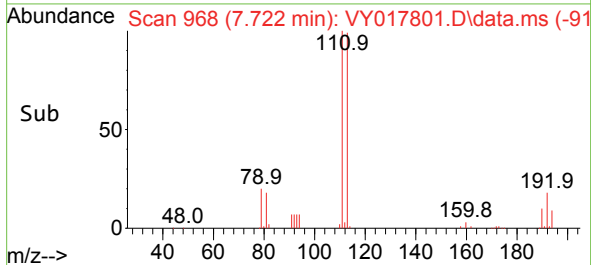
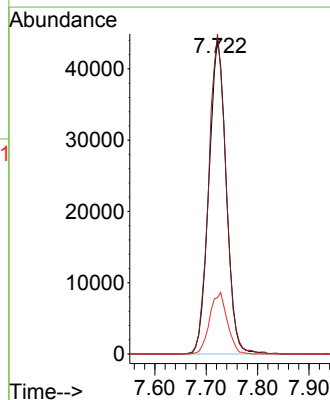
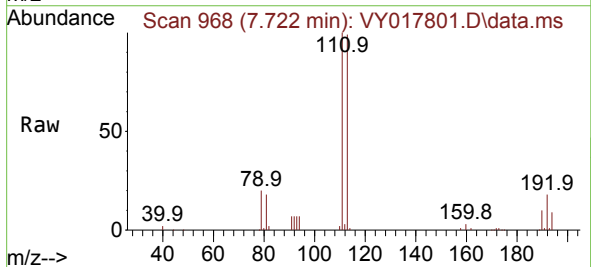
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

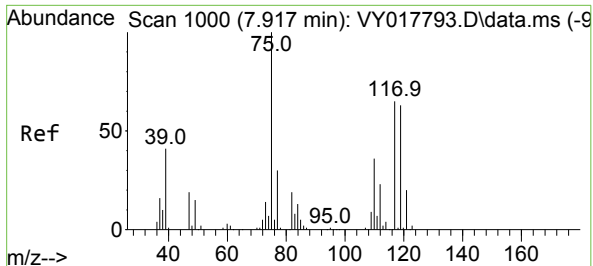
Tgt Ion:114 Resp: 323227
Ion Ratio Lower Upper
114 100
63 19.8 0.0 35.0
88 14.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.209 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

Tgt Ion:113 Resp: 103117
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 19.9 15.9 23.9

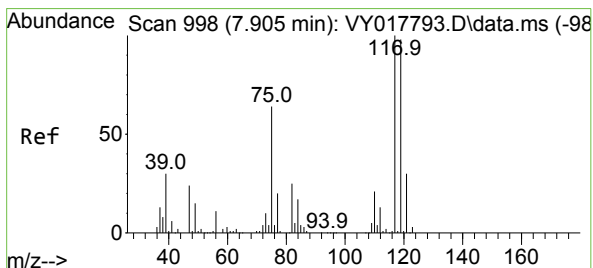
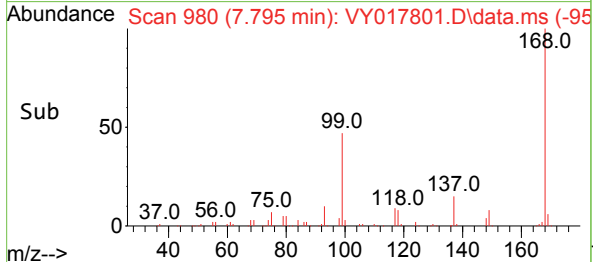
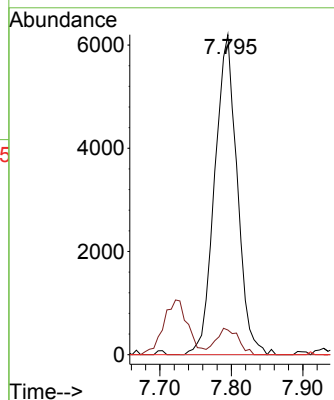
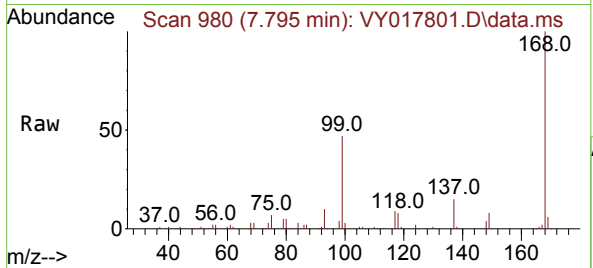




#36
1,1-Dichloropropene
Concen: 4.973 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

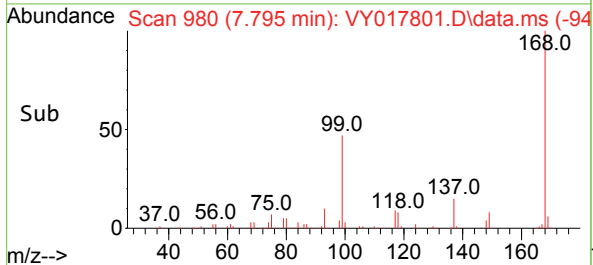
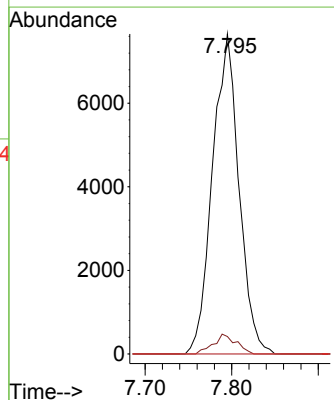
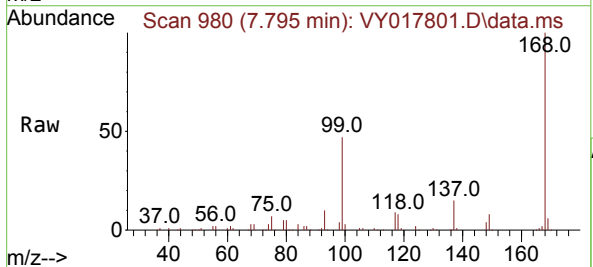
Instrument :
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ClientSampleId :
VY0401SBL01

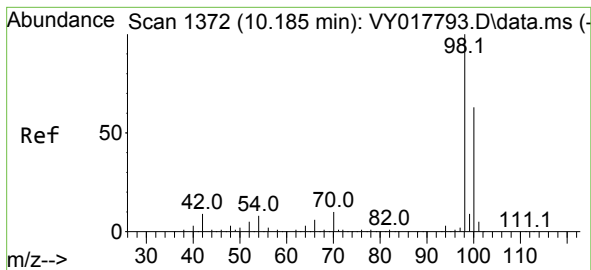
Tgt Ion: 75 Resp: 13552
Ion Ratio Lower Upper
75 100
110 8.1 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.746 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

Tgt Ion: 117 Resp: 16255
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.0 36.0#

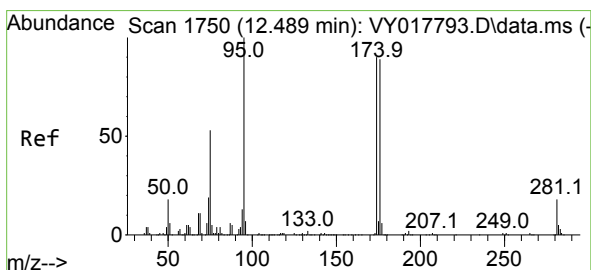
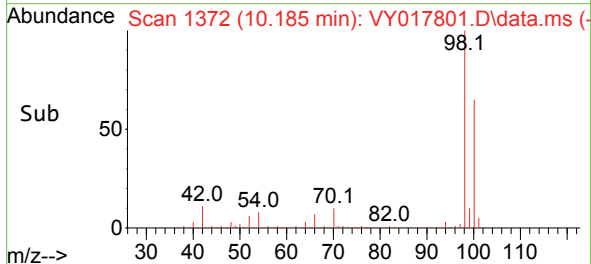
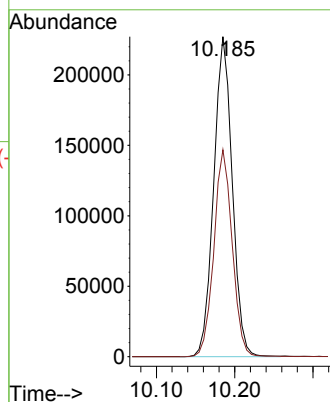
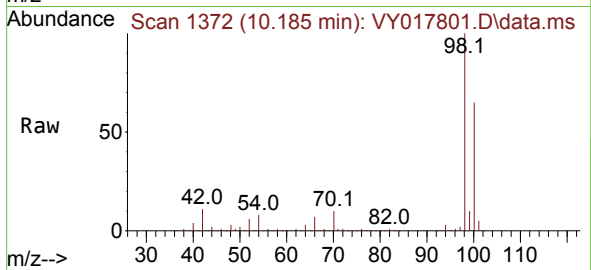




#50
Toluene-d8
Concen: 53.506 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

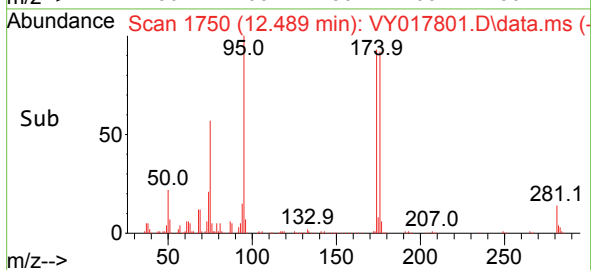
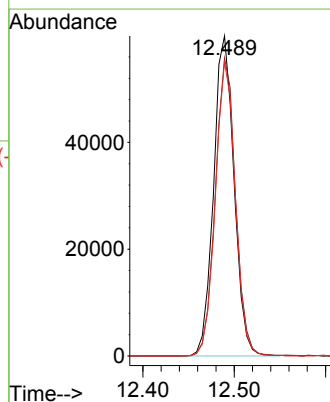
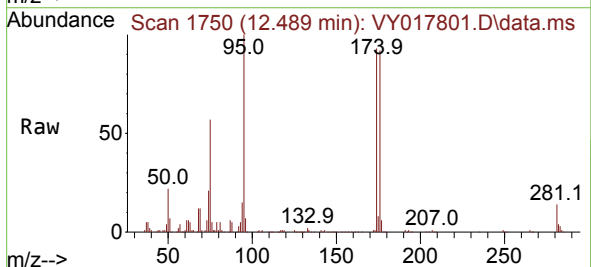
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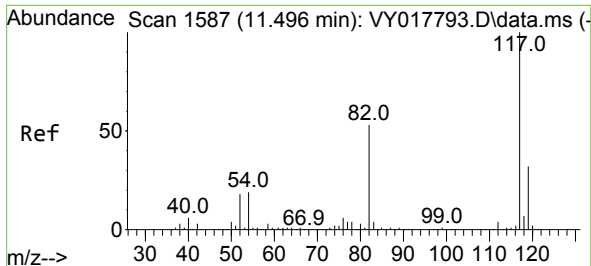
Tgt Ion: 98 Resp: 373305
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.814 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

Tgt Ion: 95 Resp: 93005
Ion Ratio Lower Upper
95 100
174 92.3 0.0 175.6
176 89.8 0.0 171.4

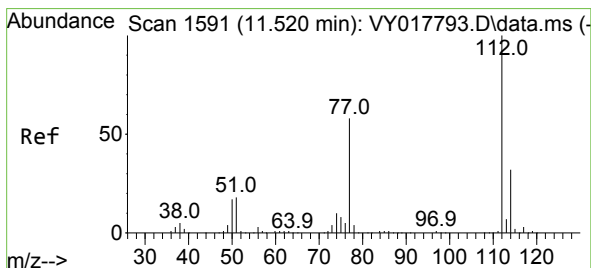
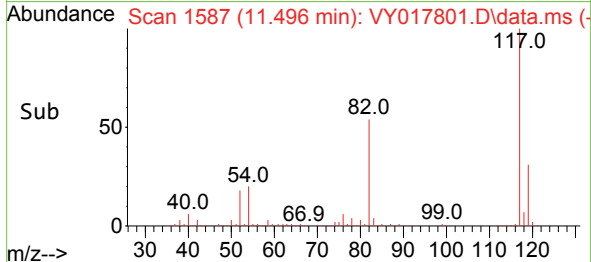
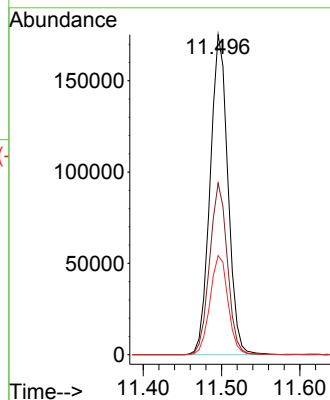
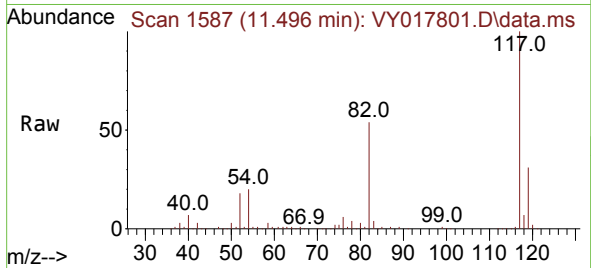




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

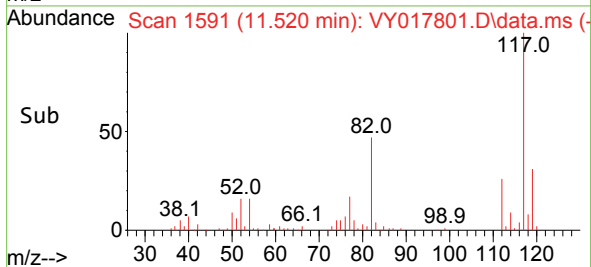
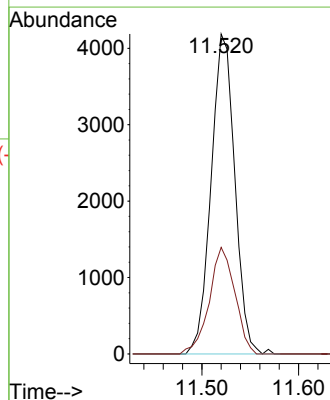
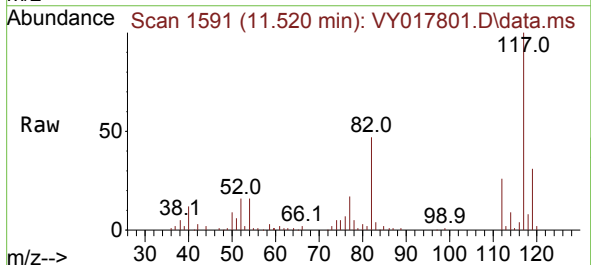
Instrument :
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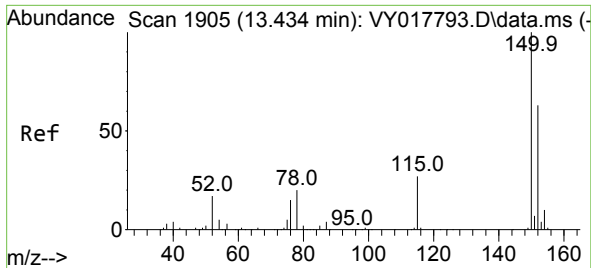
Tgt Ion:117 Resp: 276594
Ion Ratio Lower Upper
117 100
82 53.6 42.4 63.6
119 30.9 25.9 38.9



#65
Chlorobenzene
Concen: 1.256 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

Tgt Ion:112 Resp: 7126
Ion Ratio Lower Upper
112 100
114 33.3 26.4 39.6

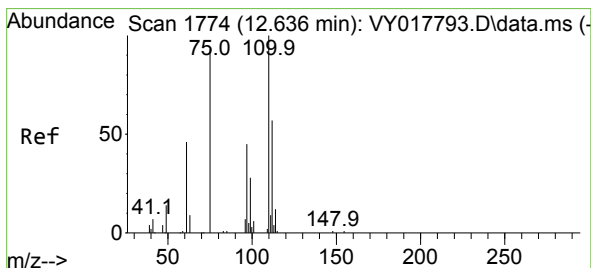
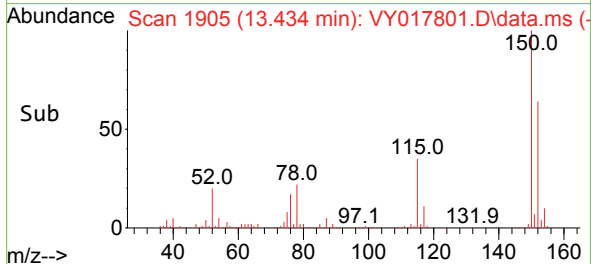
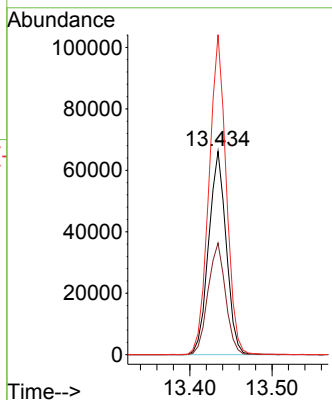
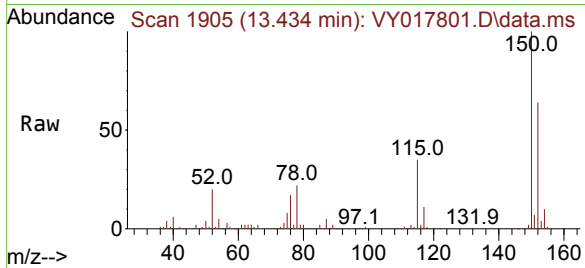




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

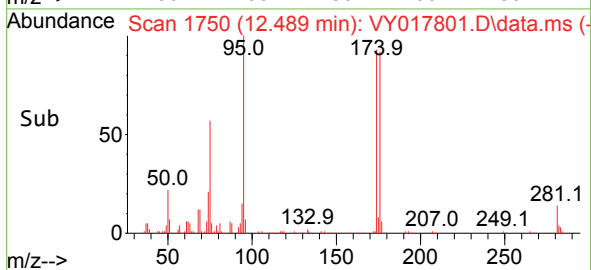
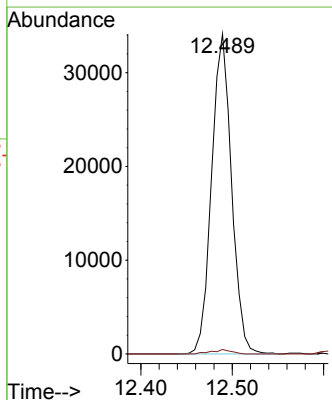
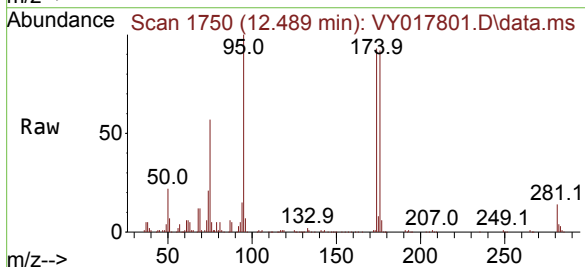
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

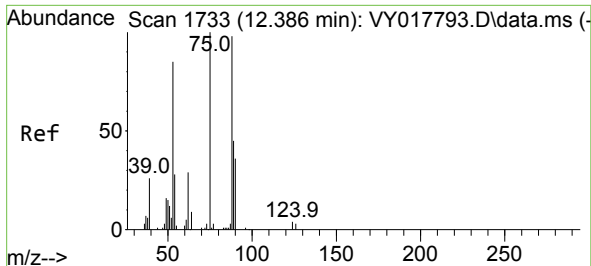
Tgt Ion:152 Resp: 98263
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 155.3 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 57.759 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

Tgt Ion: 75 Resp: 51719
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

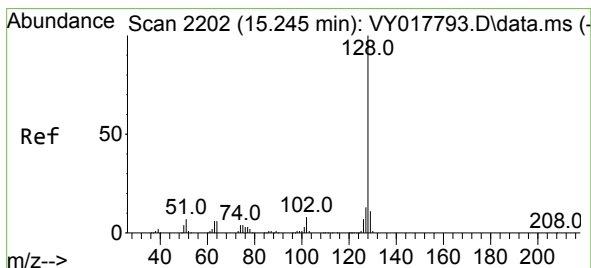
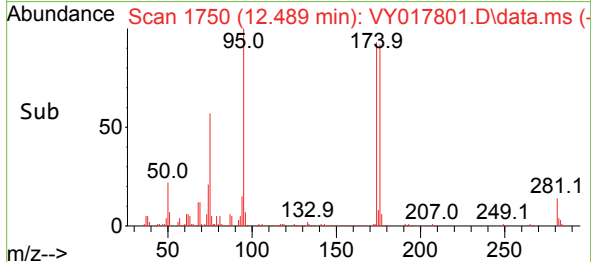
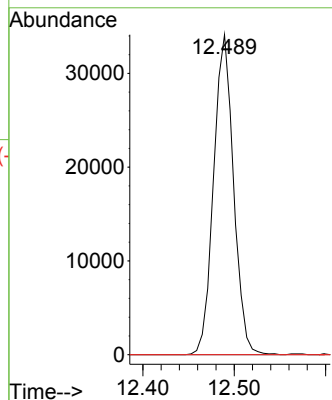
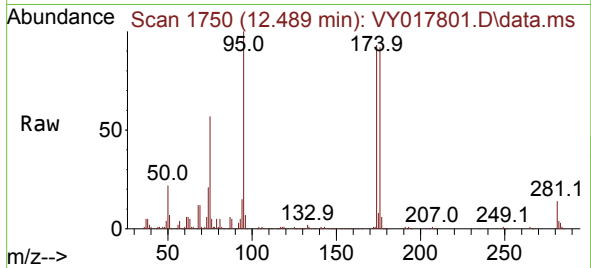




#81
trans-1,4-Dichloro-2-butene
Concen: 111.249 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

Tgt Ion: 75 Resp: 51719
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 2.079 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017801.D
Acq: 01 Apr 2024 11:31

Tgt Ion:128 Resp: 2720
Ion Ratio Lower Upper
128 100
127 15.5 10.6 16.0
129 7.5 8.6 13.0#

