

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017901.D
 Acq On : 11 Apr 2024 10:55
 Operator : SY/MD
 Sample : VY0411SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBL01

Quant Time: Apr 12 04:56:38 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)

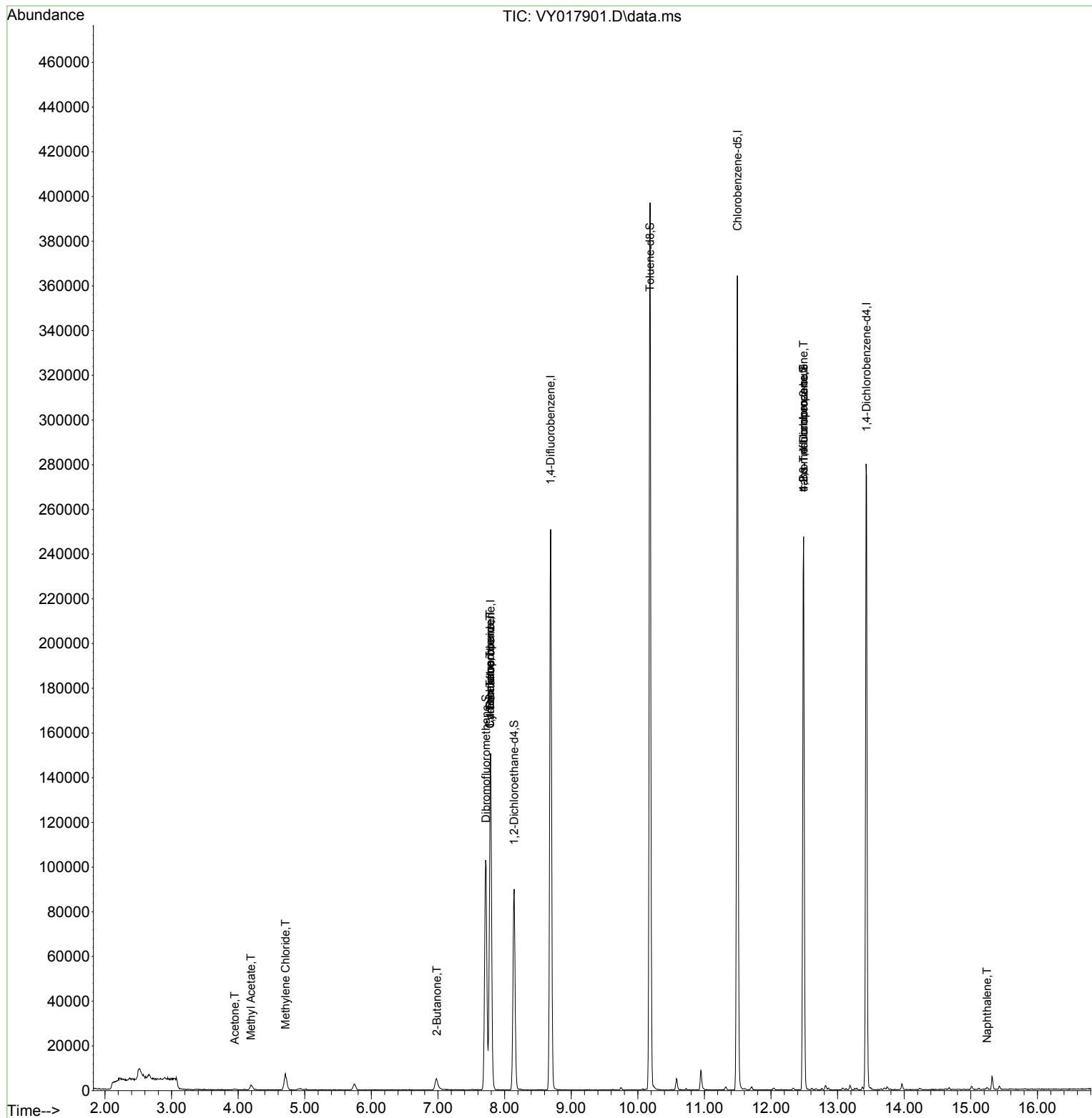
Internal Standards						
1) Pentafluorobenzene	7.789	168	119363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	221699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	199539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68414	66.235	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.480%			
35) Dibromofluoromethane	7.722	113	71590	55.883	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.760%			
50) Toluene-d8	10.185	98	261018	54.545	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.080%			
62) 4-Bromofluorobenzene	12.489	95	66402	45.607	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.220%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	620	Below Cal	#	88
16) Acetone	3.948	43	766	3.588	ug/l #	81
18) Methyl Acetate	4.192	43	893	1.888	ug/l #	46
20) Methylene Chloride	4.710	84	5376	1.535	ug/l	95
25) 2-Butanone	6.984	43	405	1.332	ug/l #	41
31) Cyclohexane	7.783	56	2701	1.484	ug/l #	45
36) 1,1-Dichloropropene	7.783	75	9358	5.006	ug/l #	47
38) Carbon Tetrachloride	7.783	117	11188	5.766	ug/l #	17
48) Methyl methacrylate	9.173	41	19	Below Cal	#	7
51) 4-Methyl-2-Pentanone	10.069	43	384	Below Cal	#	31
59) 2-Hexanone	10.843	43	100	Below Cal	#	19
69) o-Xylene	12.038	106	204	Below Cal		100
70) Styrene	12.050	104	323	Below Cal	#	75
74) N-amyl acetate	12.154	43	85	Below Cal	#	55
76) 1,2,3-Trichloropropane	12.489	75	36958	56.052	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	36958	108.745	ug/l #	16
95) Naphthalene	15.245	128	1098	1.464	ug/l #	77

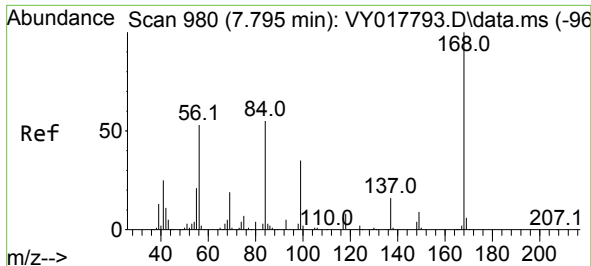
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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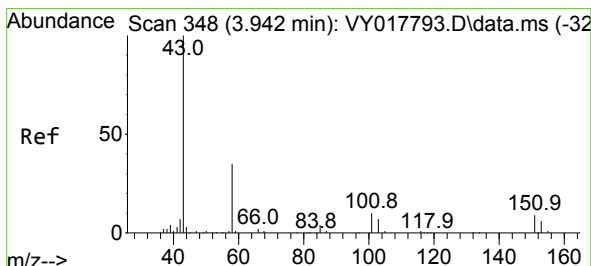
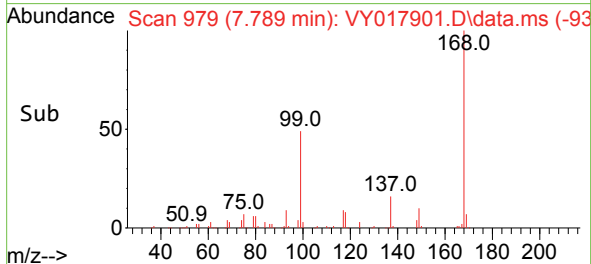
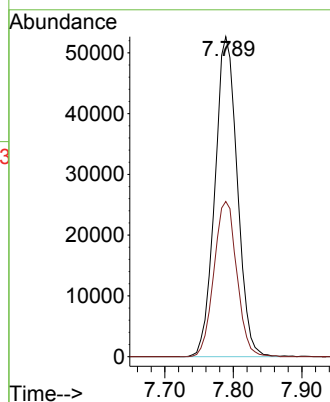
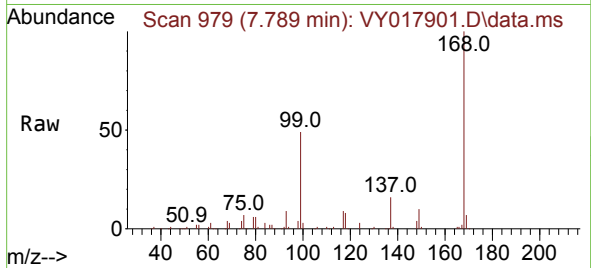




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

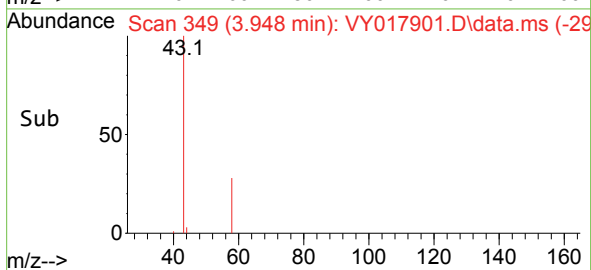
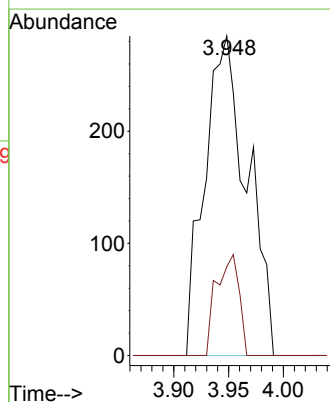
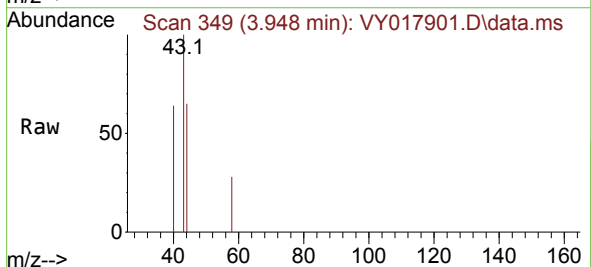
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

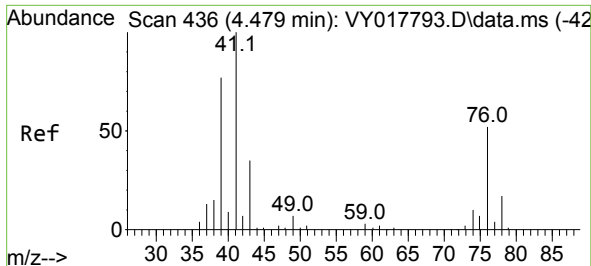
Tgt Ion:168 Resp: 119363
Ion Ratio Lower Upper
168 100
99 48.5 39.1 58.7



#16
Acetone
Concen: 3.588 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

Tgt Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
58 27.7 31.7 47.5#

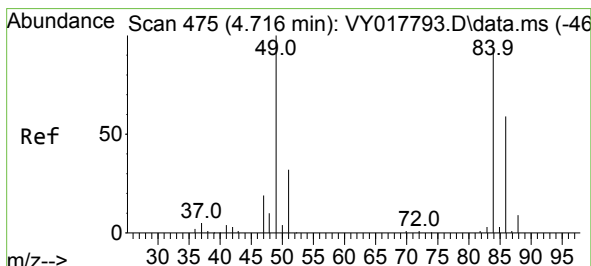
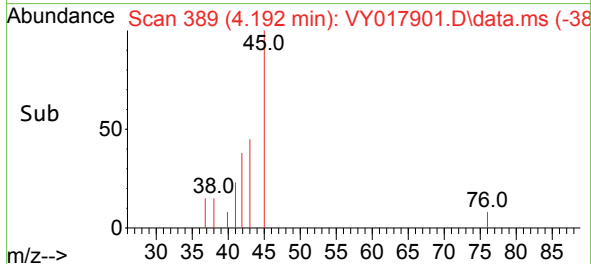
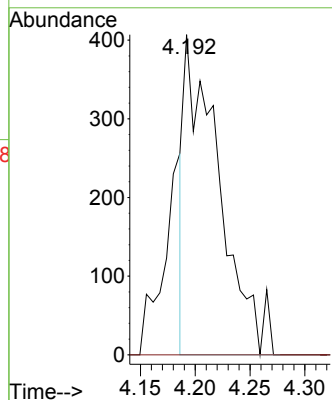
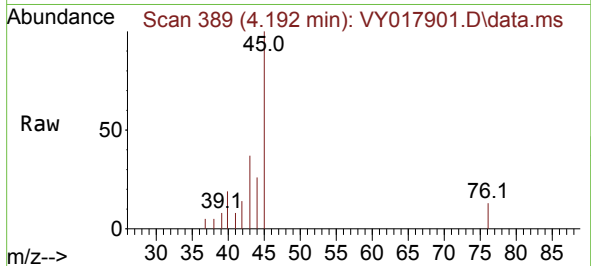




#18
Methyl Acetate
Concen: 1.888 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.286 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

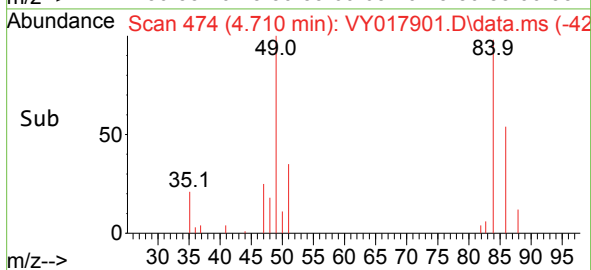
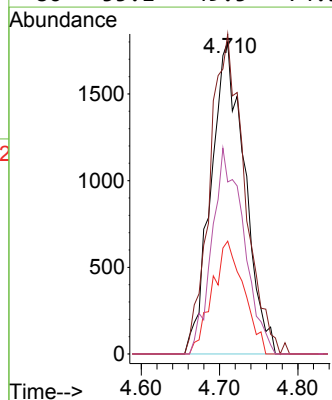
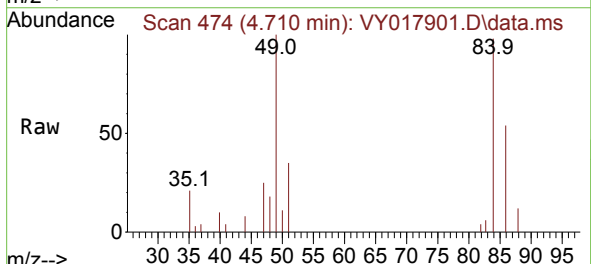
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

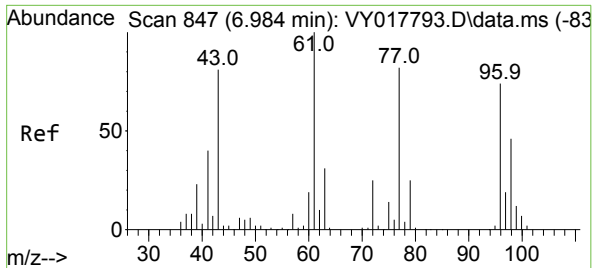
Tgt Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#20
Methylene Chloride
Concen: 1.535 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

Tgt Ion: 84 Resp: 5376
Ion Ratio Lower Upper
84 100
49 102.5 84.4 126.6
51 36.1 26.0 39.0
86 55.1 49.5 74.3

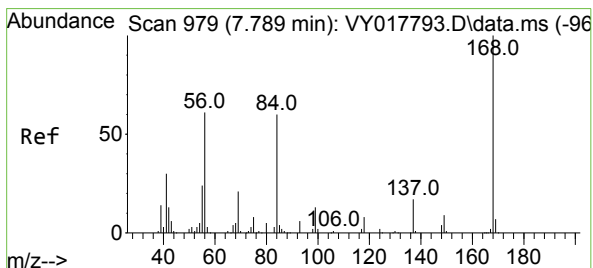
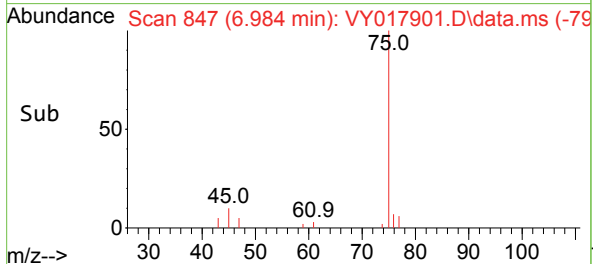
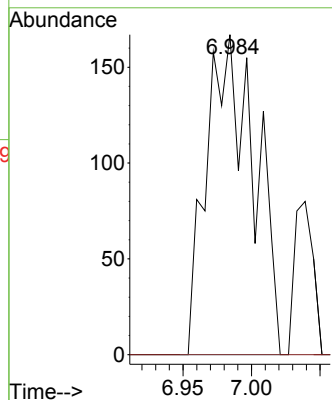
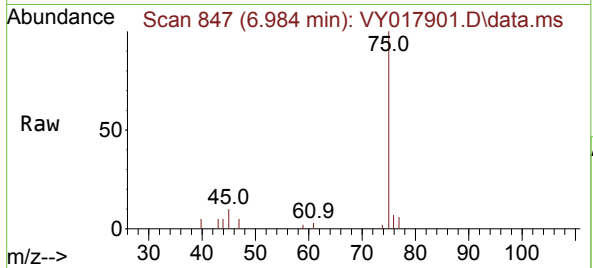




#25
2-Butanone
Concen: 1.332 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

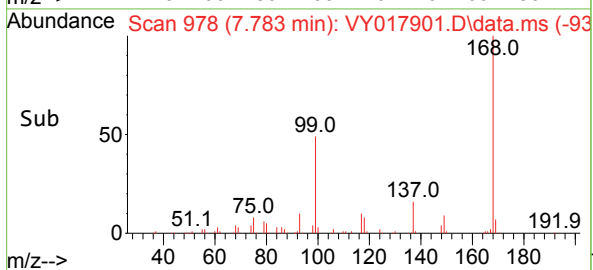
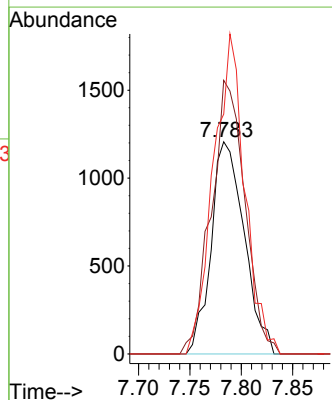
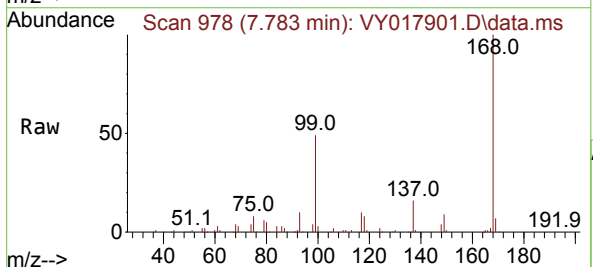
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

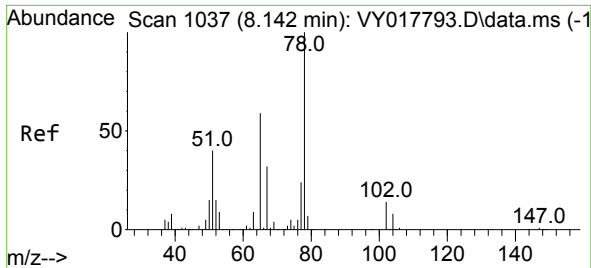
Tgt Ion: 43 Resp: 405
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.484 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

Tgt Ion: 56 Resp: 2701
Ion Ratio Lower Upper
56 100
69 128.9 28.7 43.1#
84 113.0 77.7 116.5

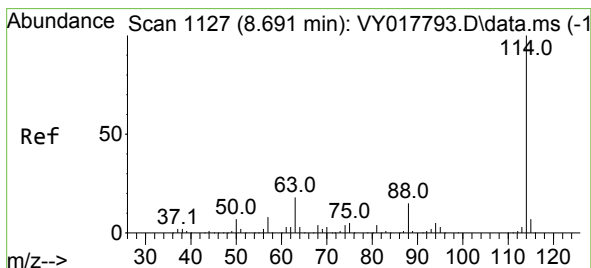
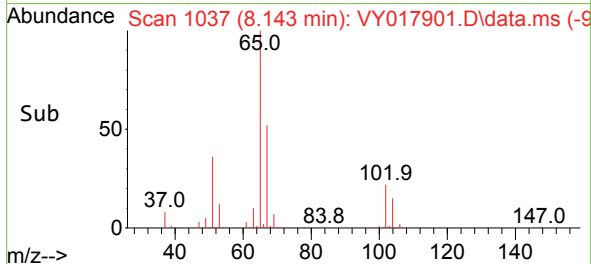
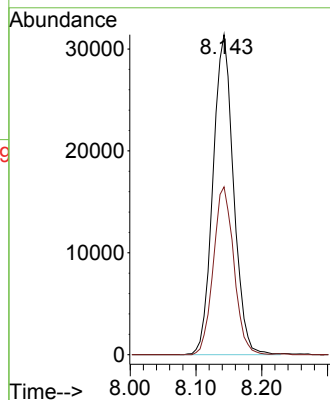
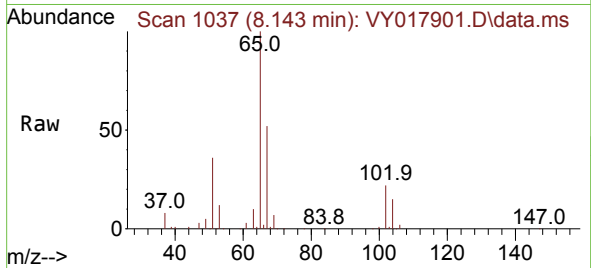




#33
 1,2-Dichloroethane-d4
 Concen: 66.235 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY017901.D
 Acq: 11 Apr 2024 10:55

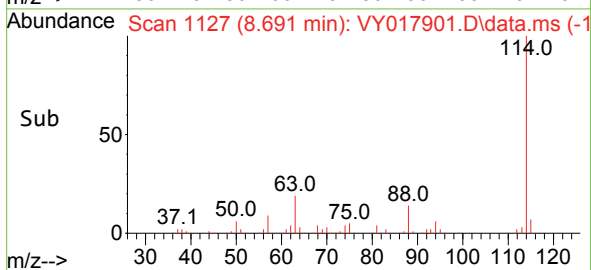
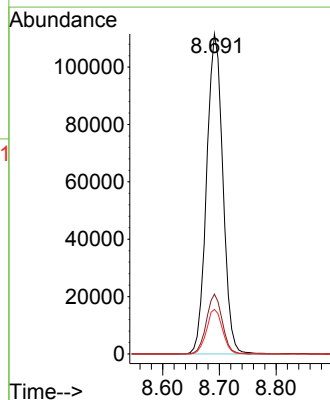
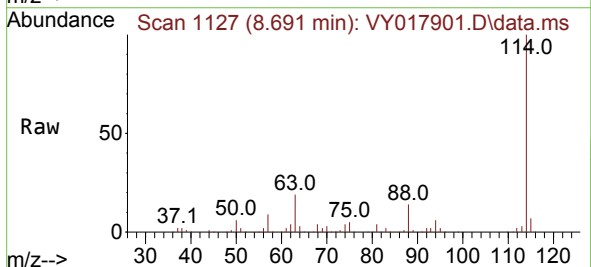
Instrument :
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 ClientSampleId :
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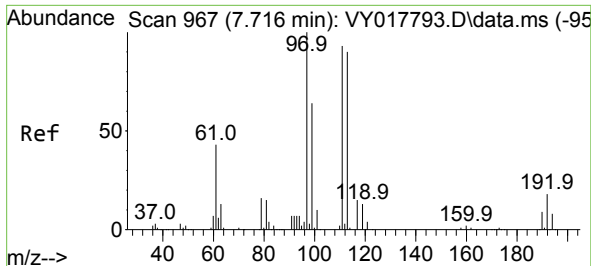
Tgt Ion: 65 Resp: 68414
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY017901.D
 Acq: 11 Apr 2024 10:55

Tgt Ion:114 Resp: 221699
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 35.0
 88 13.9 0.0 27.2

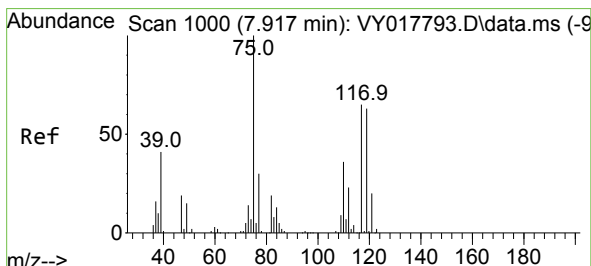
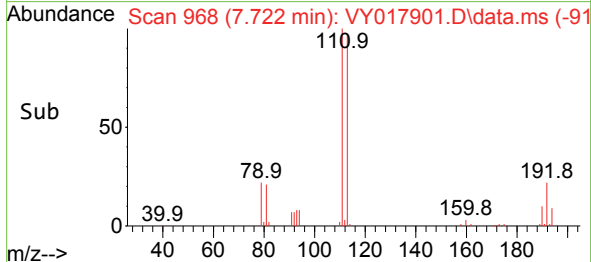
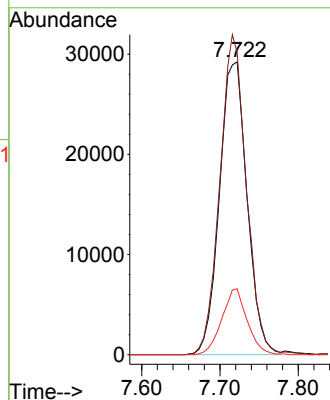
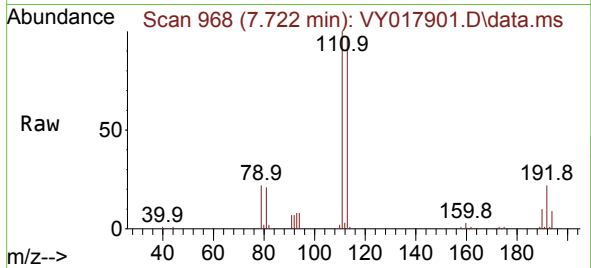




#35
Dibromofluoromethane
Concen: 55.883 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

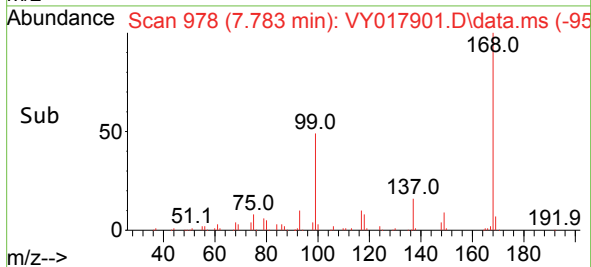
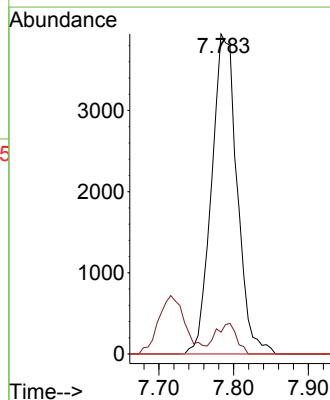
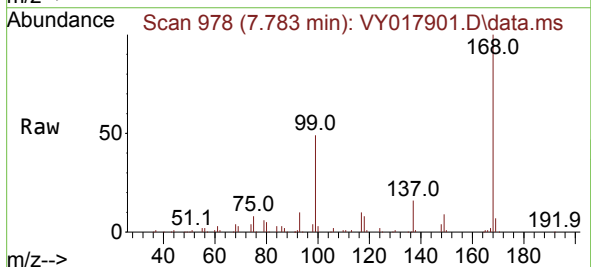
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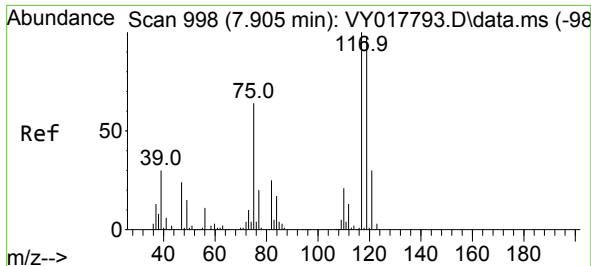
Tgt Ion:113 Resp: 71590
Ion Ratio Lower Upper
113 100
111 104.8 82.2 123.4
192 20.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.006 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

Tgt Ion: 75 Resp: 9358
Ion Ratio Lower Upper
75 100
110 7.7 19.0 57.0#
77 0.0 25.3 37.9#

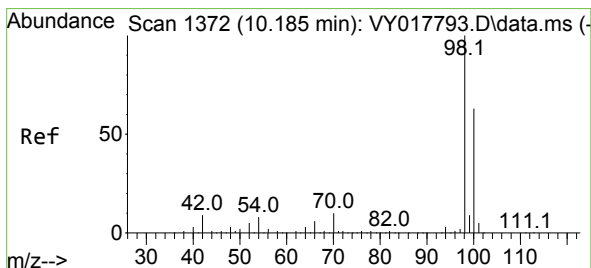
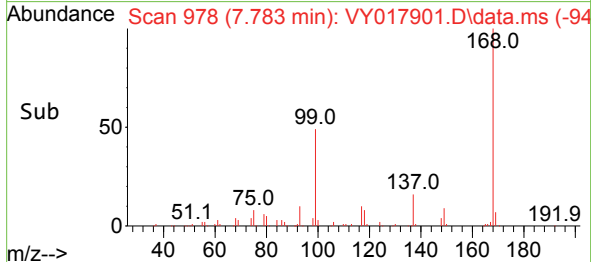
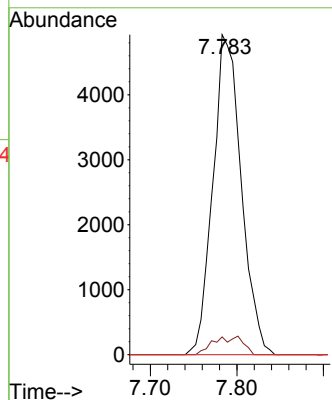
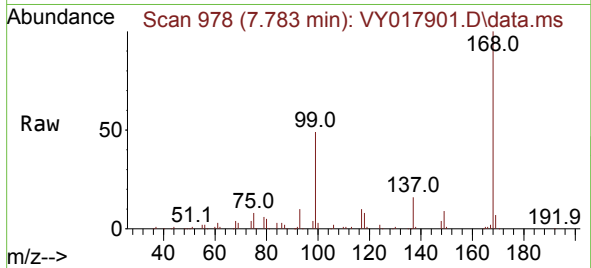




#38
Carbon Tetrachloride
Concen: 5.766 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

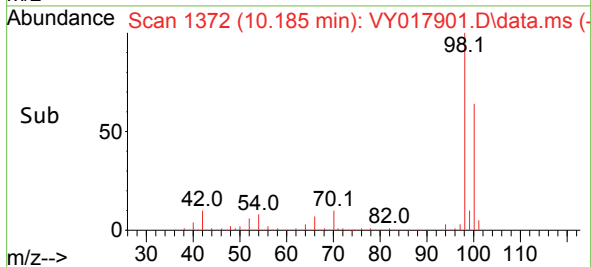
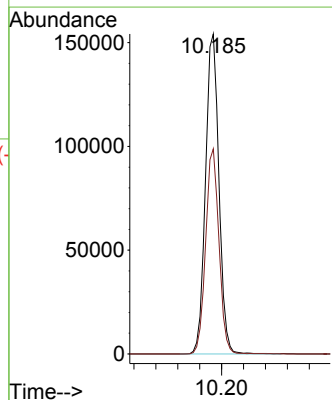
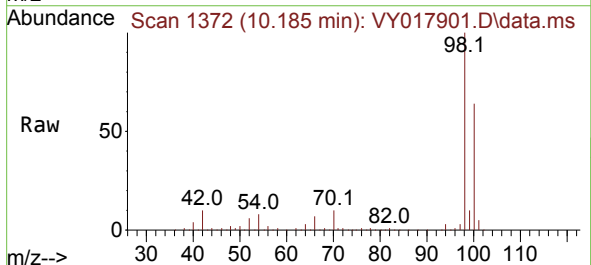
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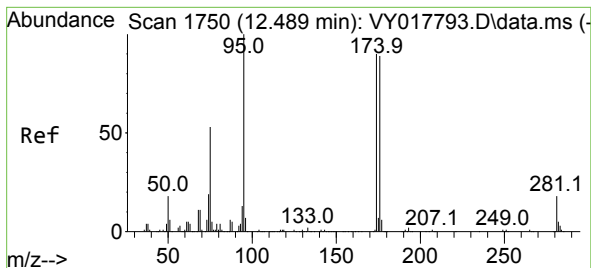
Tgt Ion:117 Resp: 11188
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 54.545 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

Tgt Ion: 98 Resp: 261018
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

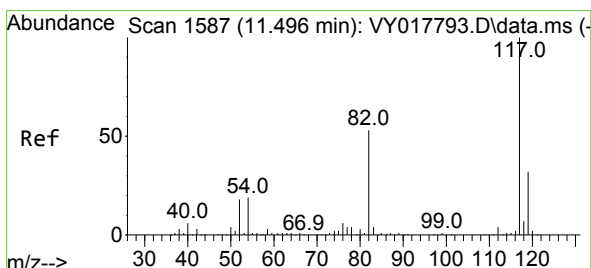
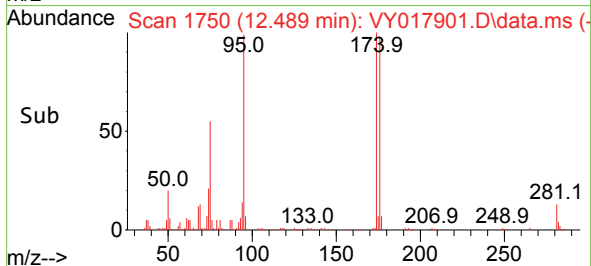
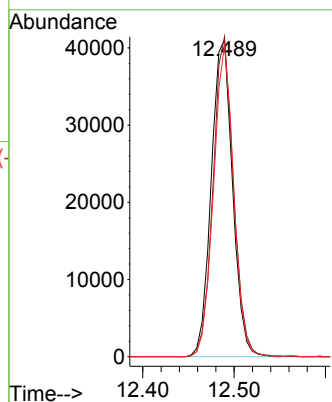
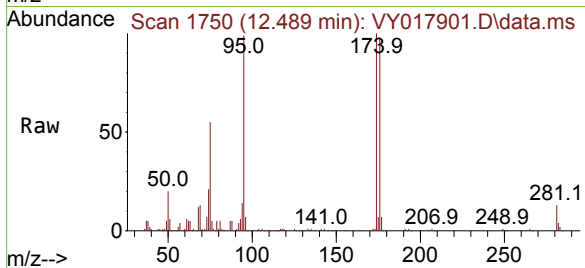




#62
4-Bromofluorobenzene
Concen: 45.607 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

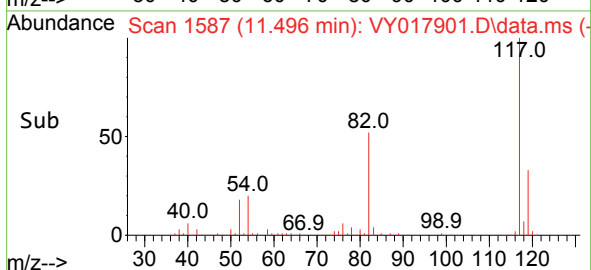
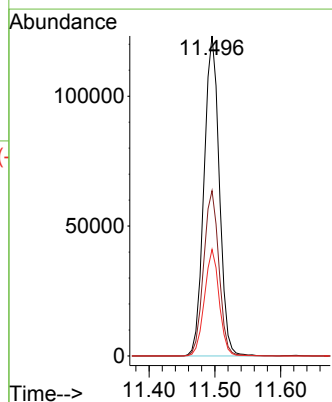
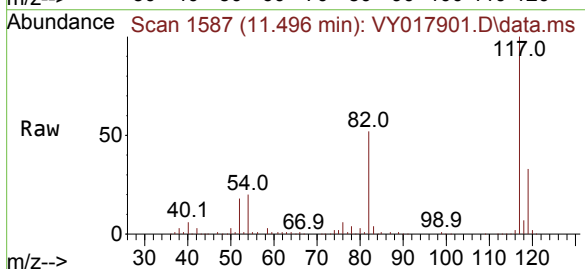
Instrument :
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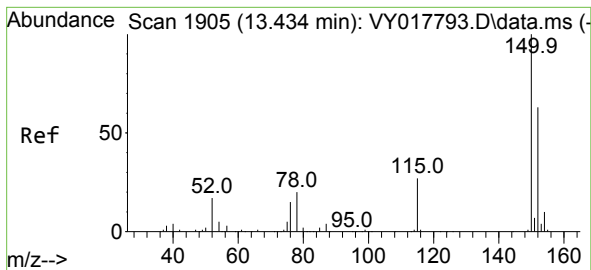
Tgt Ion: 95 Resp: 66402
Ion Ratio Lower Upper
95 100
174 96.7 0.0 175.6
176 93.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

Tgt Ion: 117 Resp: 199539
Ion Ratio Lower Upper
117 100
82 51.6 42.4 63.6
119 33.3 25.9 38.9

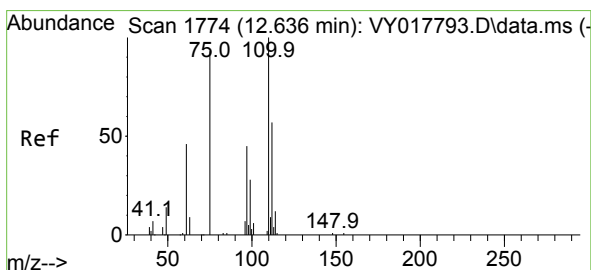
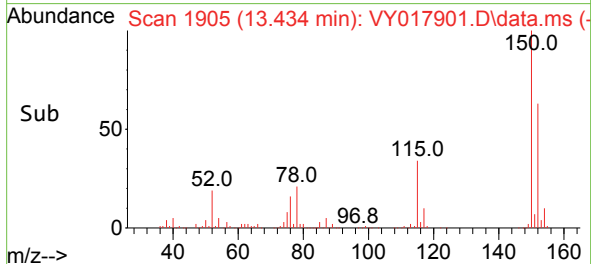
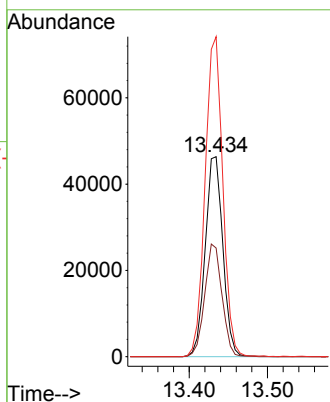
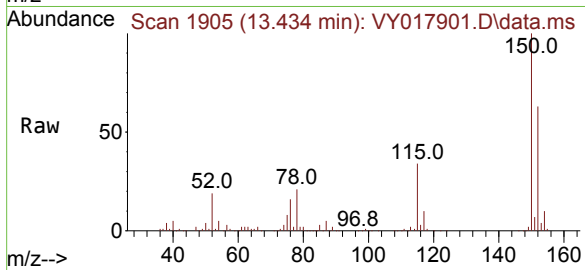




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

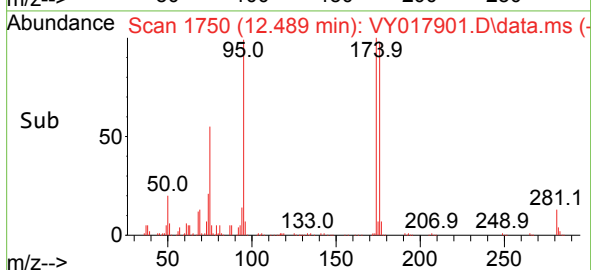
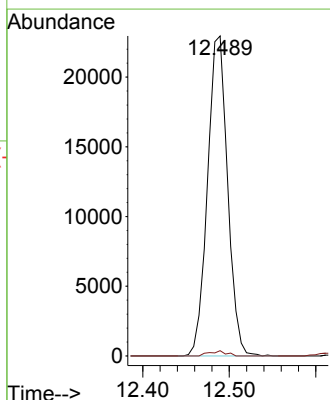
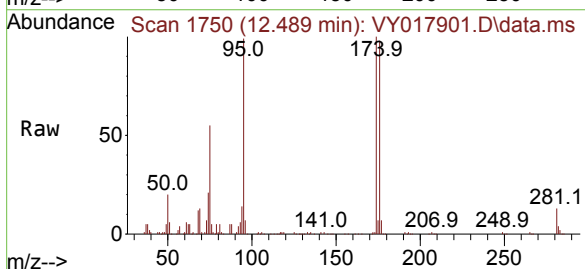
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

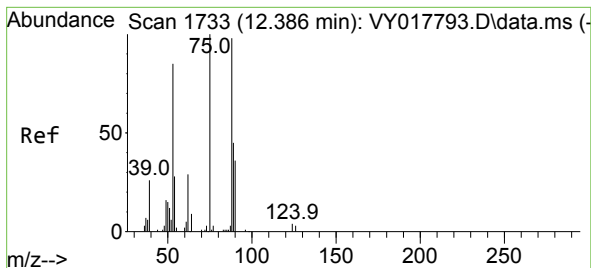
Tgt Ion:152 Resp: 72356
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 159.9 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 56.052 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

Tgt Ion: 75 Resp: 36958
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

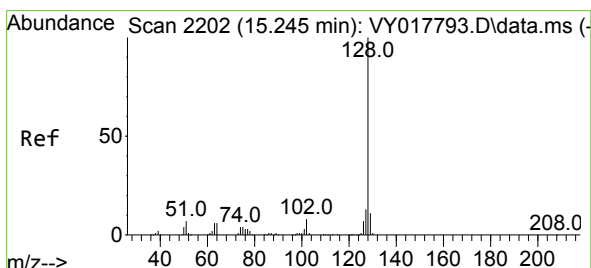
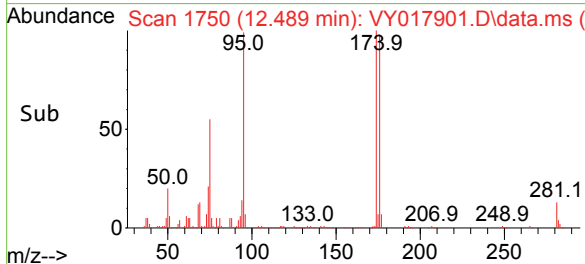
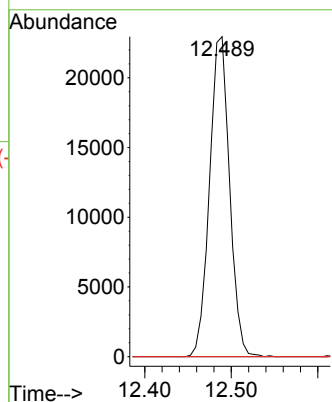
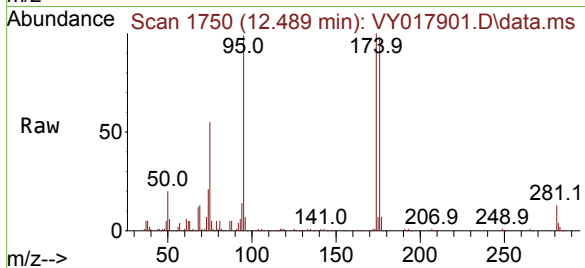




#81
trans-1,4-Dichloro-2-butene
Concen: 108.745 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

Tgt Ion: 75 Resp: 36958
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 1.464 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

Tgt Ion:128 Resp: 1098
Ion Ratio Lower Upper
128 100
127 3.4 10.6 16.0#
129 3.0 8.6 13.0#

