

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017198.D
 Acq On : 02 Feb 2024 21:50
 Operator : SY/MD
 Sample : VY0202SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0202SBL02

Quant Time: Feb 02 22:36:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

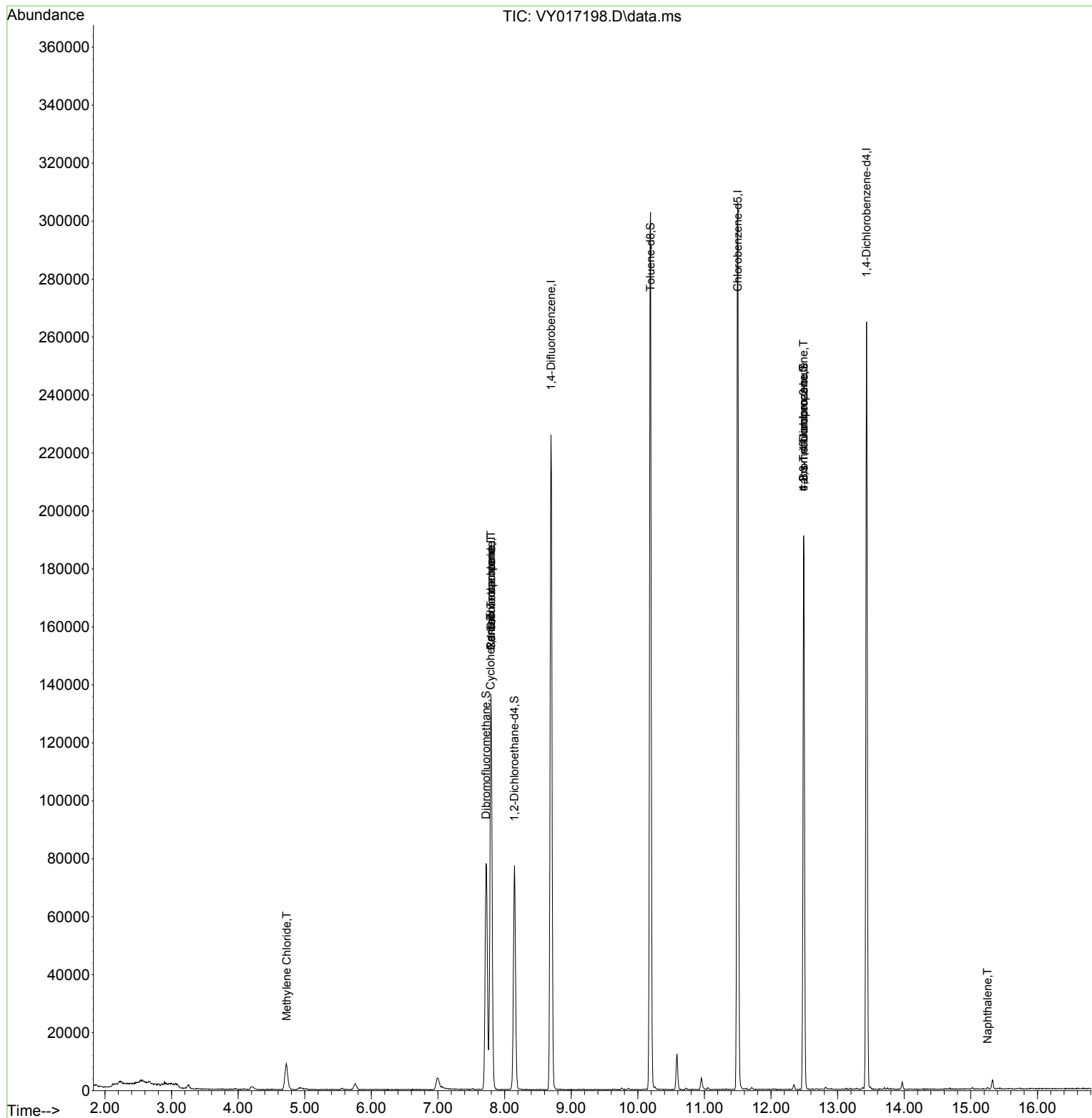
Internal Standards						
1) Pentafluorobenzene	7.795	168	103908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	195552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	170984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	66454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	57067	61.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.960%	
35) Dibromofluoromethane	7.722	113	56789	53.785	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.560%	
50) Toluene-d8	10.191	98	198751	51.700	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.400%	
62) 4-Bromofluorobenzene	12.489	95	57775	45.878	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	300	Below Cal	#	75
20) Methylene Chloride	4.728	84	6354	2.348	ug/l	92
31) Cyclohexane	7.789	56	2287	1.222	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8739	4.798	ug/l #	49
38) Carbon Tetrachloride	7.795	117	10373	5.948	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	30785	50.191	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	30785	104.290	ug/l #	12
95) Naphthalene	15.251	128	520	3.699	ug/l #	74

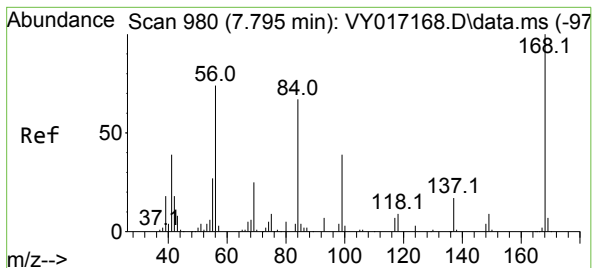
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY017198.D

Acq: 02 Feb 2024 21:50

Instrument :

MSVOA_Y

ClientSampleId :

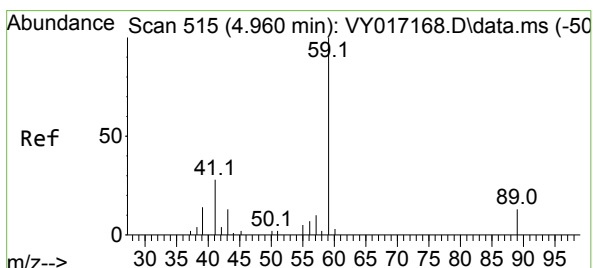
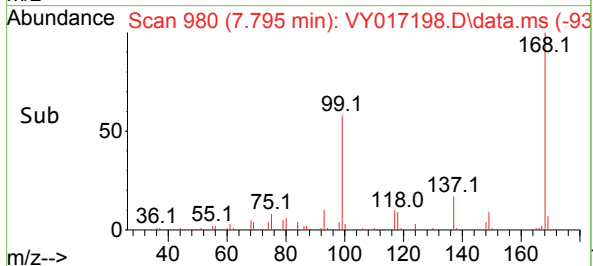
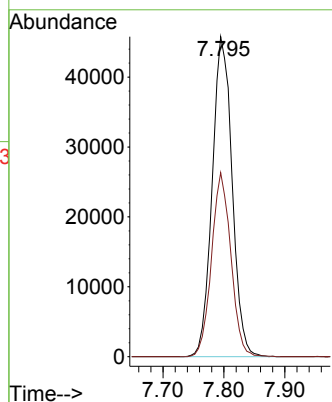
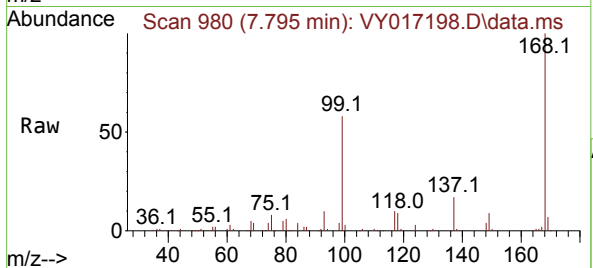
VY0202SBL02

Tgt Ion:168 Resp: 103908

Ion Ratio Lower Upper

168 100

99 57.5 44.2 66.4



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.917 min Scan# 508

Delta R.T. -0.043 min

Lab File: VY017198.D

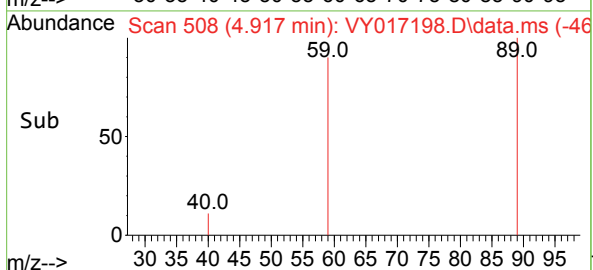
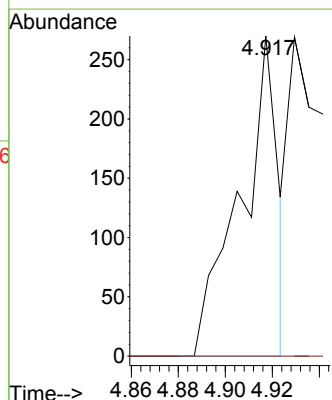
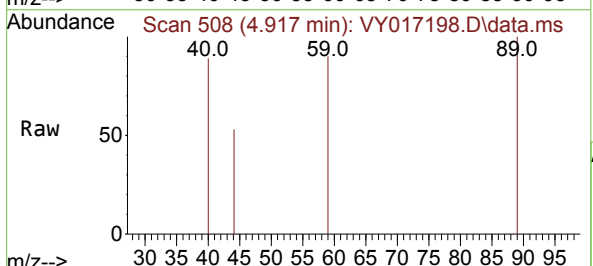
Acq: 02 Feb 2024 21:50

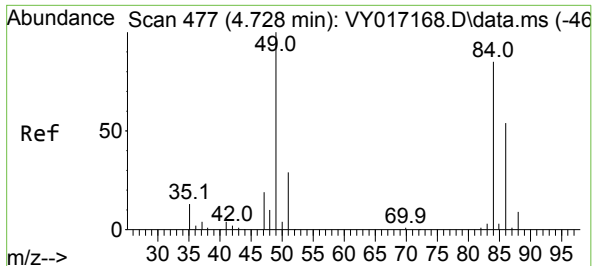
Tgt Ion: 59 Resp: 300

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#





#20

Methylene Chloride

Concen: 2.348 ug/l

RT: 4.728 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY017198.D

Acq: 02 Feb 2024 21:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0202SBL02

Tgt Ion: 84 Resp: 6354

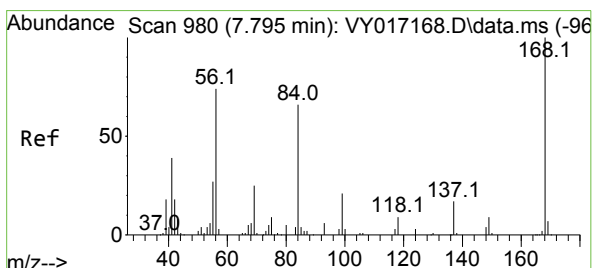
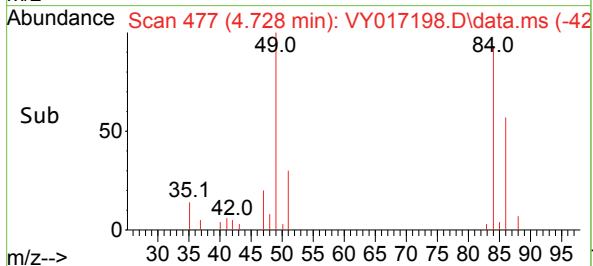
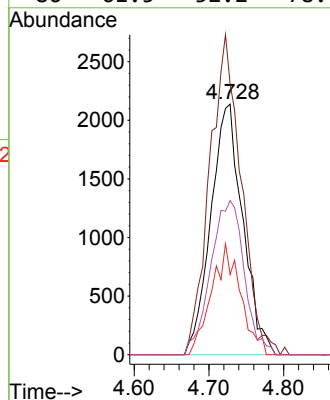
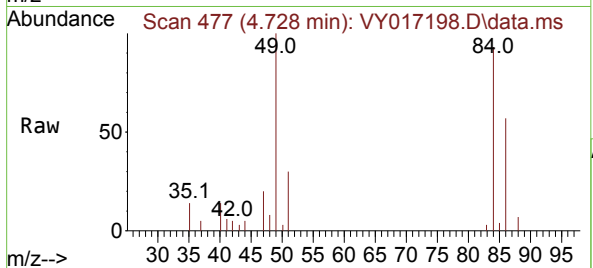
Ion Ratio Lower Upper

84 100

49 108.0 95.2 142.8

51 32.0 29.9 44.9

86 61.5 52.2 78.4



#31

Cyclohexane

Concen: 1.222 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.006 min

Lab File: VY017198.D

Acq: 02 Feb 2024 21:50

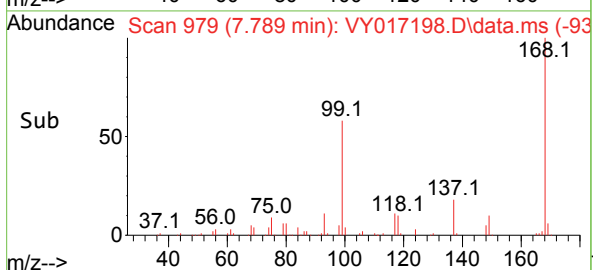
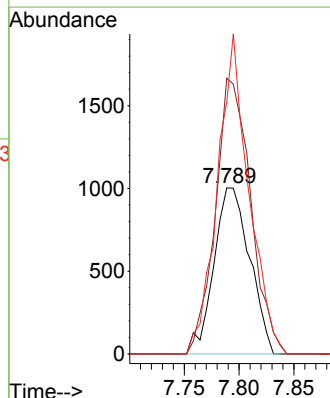
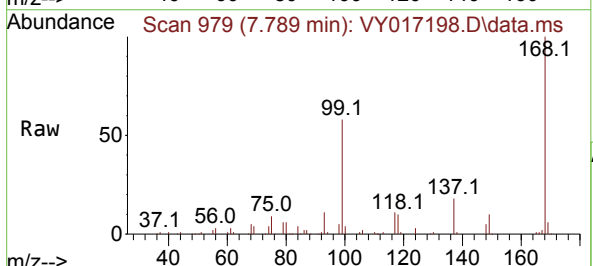
Tgt Ion: 56 Resp: 2287

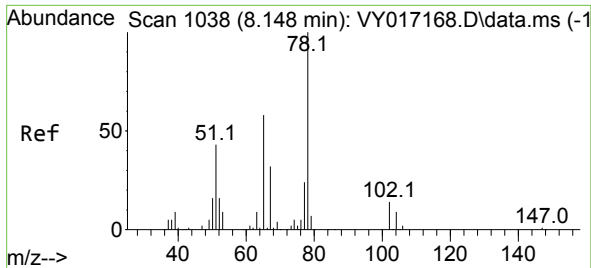
Ion Ratio Lower Upper

56 100

69 165.9 27.0 40.6#

84 151.4 71.8 107.6#

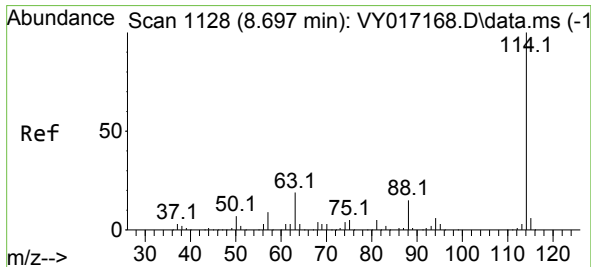
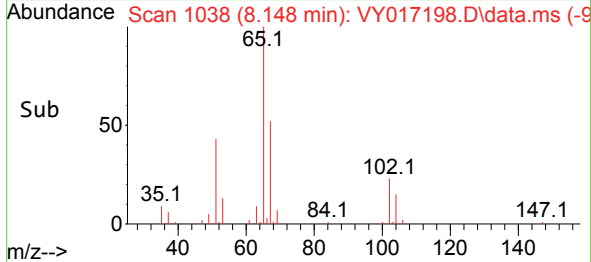
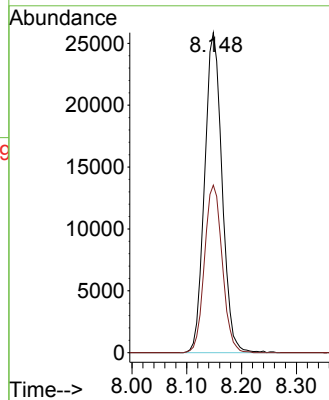
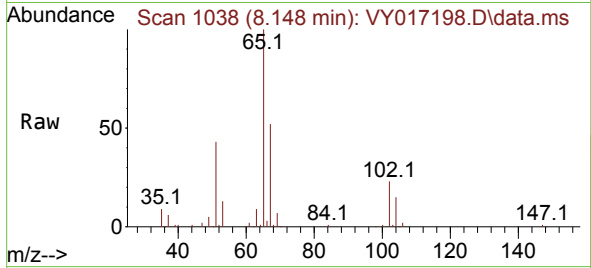




#33
1,2-Dichloroethane-d4
Concen: 61.478 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017198.D
Acq: 02 Feb 2024 21:50

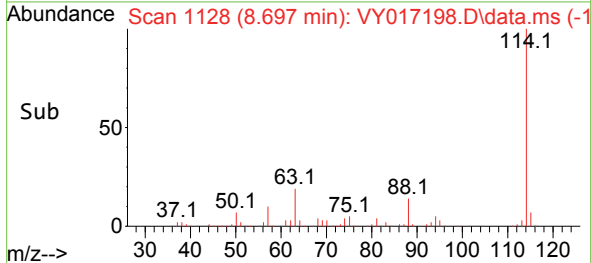
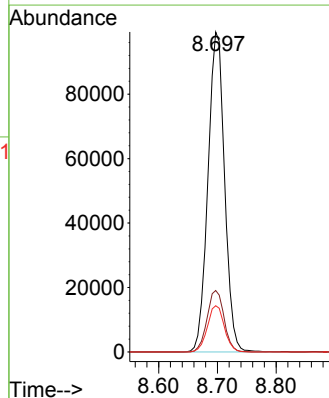
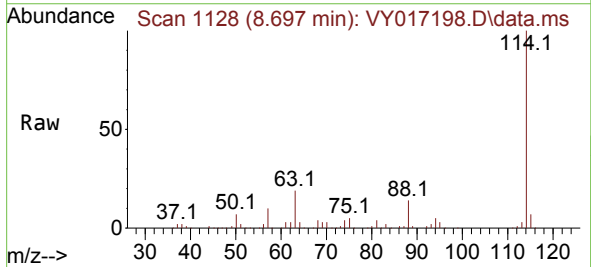
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL02

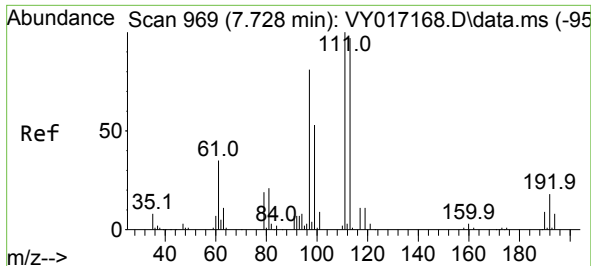
Tgt Ion: 65 Resp: 57067
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017198.D
Acq: 02 Feb 2024 21:50

Tgt Ion: 114 Resp: 195552
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.4
88 14.5 0.0 29.0

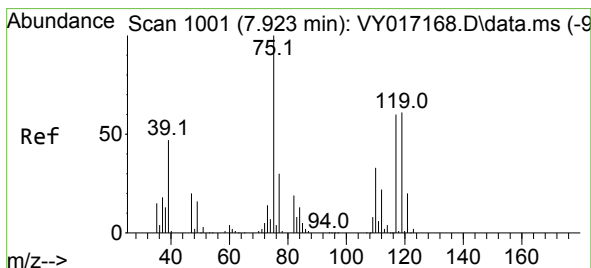
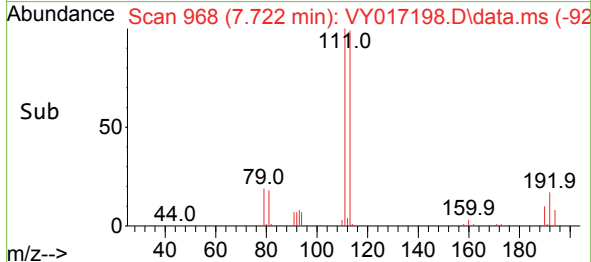
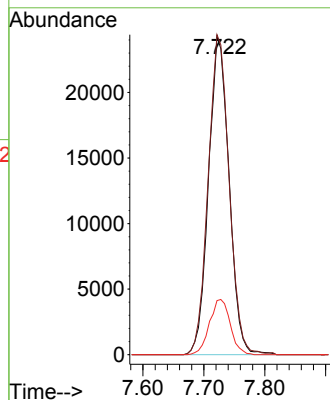
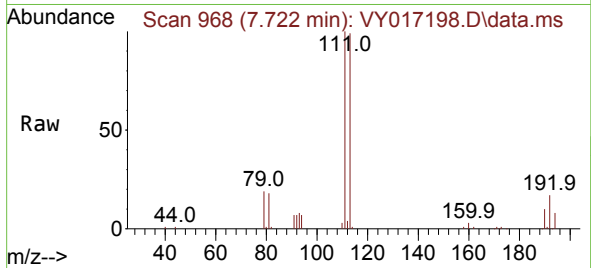




#35
Dibromofluoromethane
Concen: 53.785 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017198.D
Acq: 02 Feb 2024 21:50

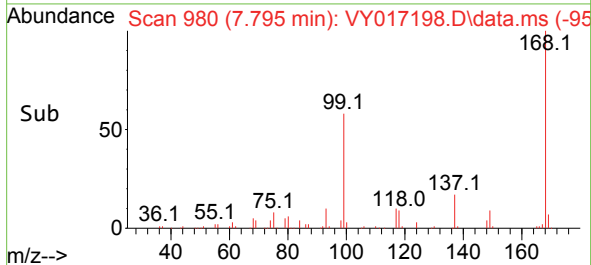
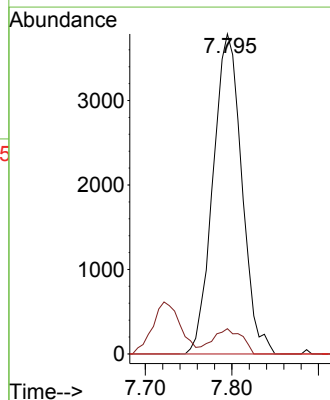
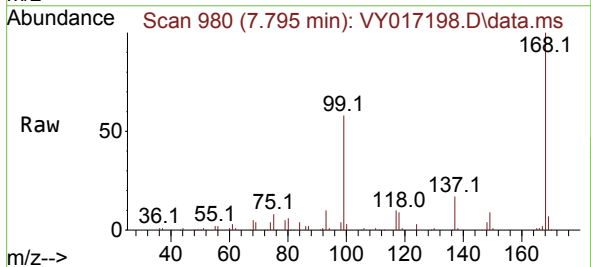
Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL02

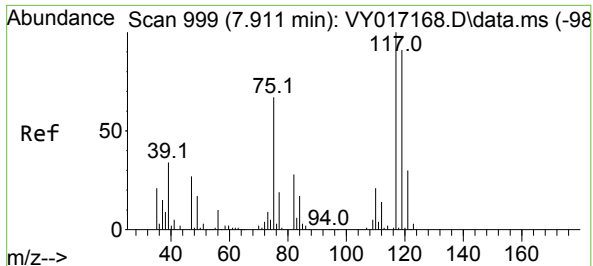
Tgt Ion:113 Resp: 56789
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 17.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.798 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY017198.D
Acq: 02 Feb 2024 21:50

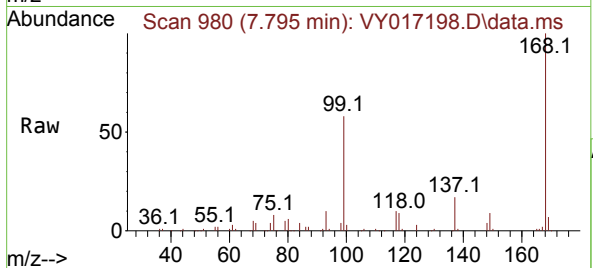
Tgt Ion: 75 Resp: 8739
Ion Ratio Lower Upper
75 100
110 7.8 17.4 52.3#
77 0.0 24.7 37.1#



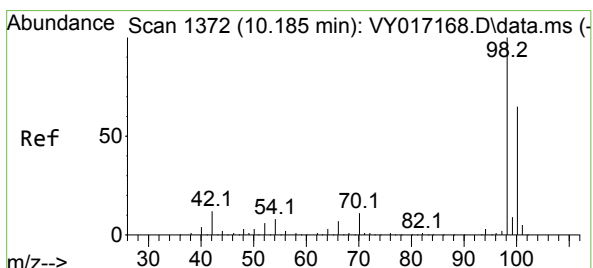
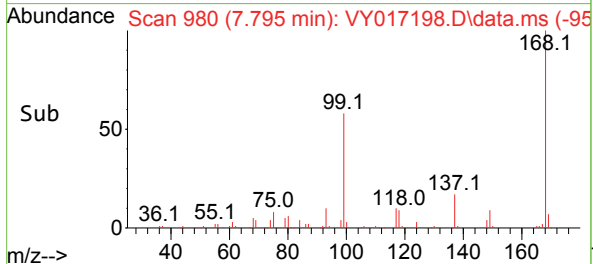
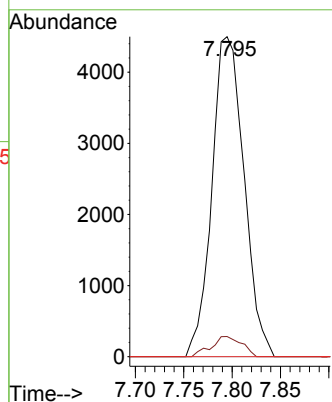


#38
Carbon Tetrachloride
Concen: 5.948 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017198.D
Acq: 02 Feb 2024 21:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL02

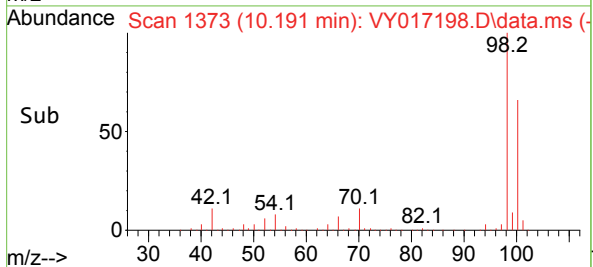
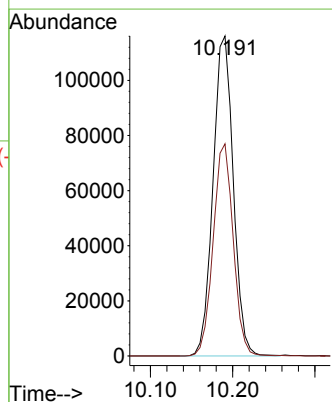
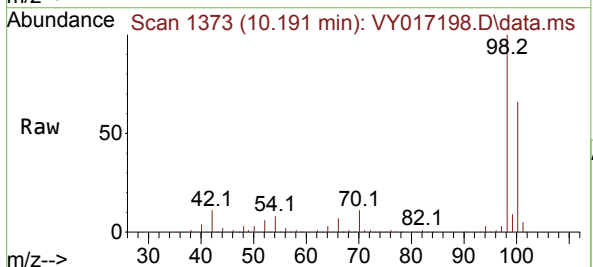


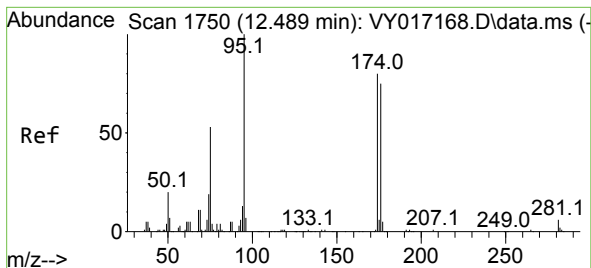
Tgt Ion:117 Resp: 10373
Ion Ratio Lower Upper
117 100
119 6.3 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.700 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017198.D
Acq: 02 Feb 2024 21:50

Tgt Ion: 98 Resp: 198751
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5

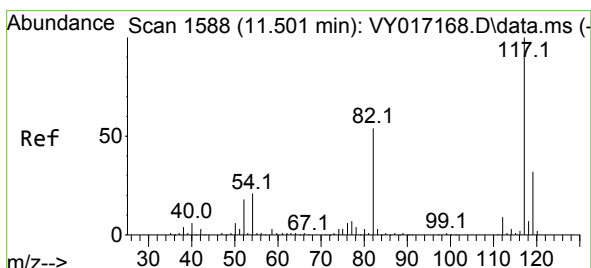
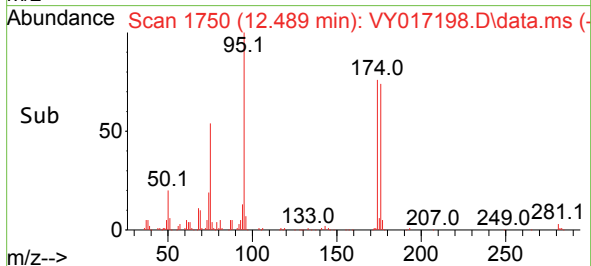
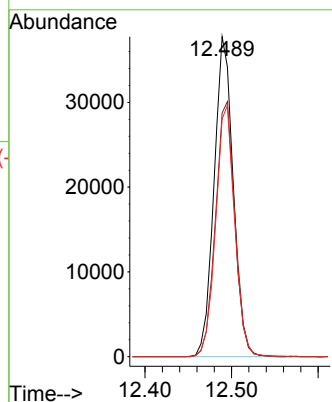
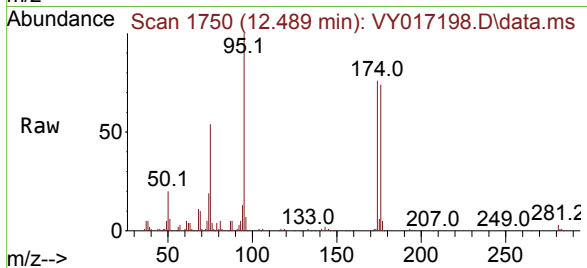




#62
4-Bromofluorobenzene
Concen: 45.878 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017198.D
Acq: 02 Feb 2024 21:50

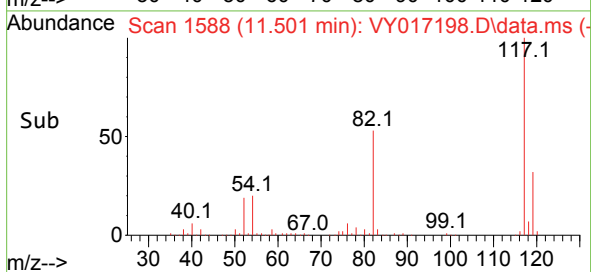
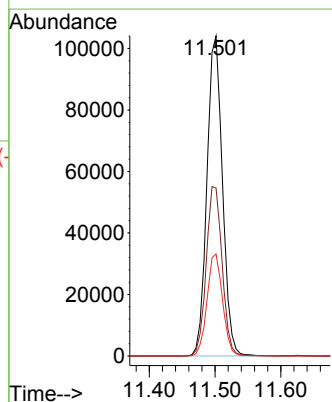
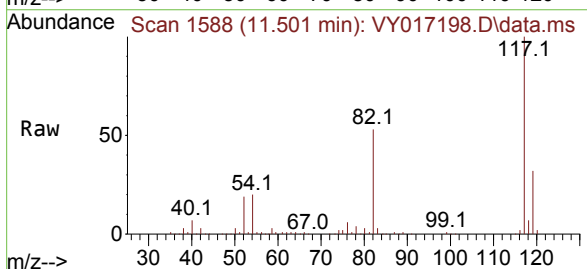
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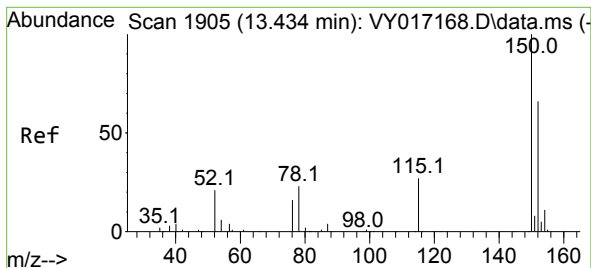
Tgt Ion:	95	Resp:	57775
Ion	Ratio	Lower	Upper
95	100		
174	81.3	0.0	160.0
176	78.0	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY017198.D
Acq: 02 Feb 2024 21:50

Tgt Ion:	117	Resp:	170984
Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.8	65.8
119	31.9	26.5	39.7

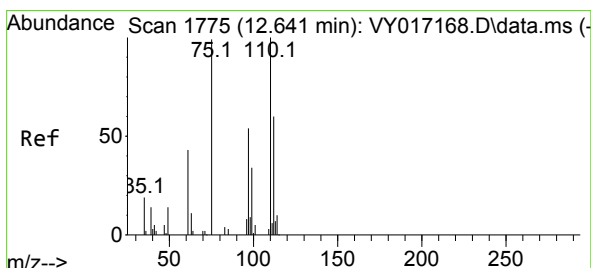
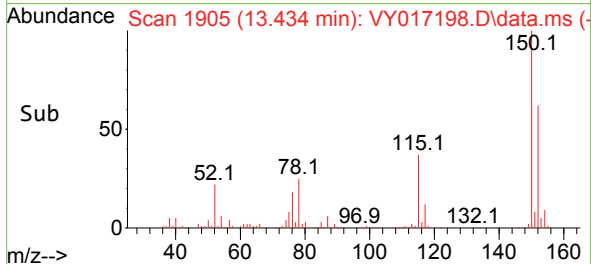
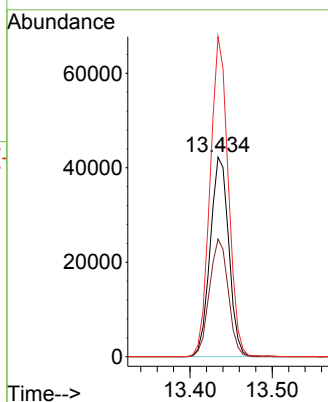
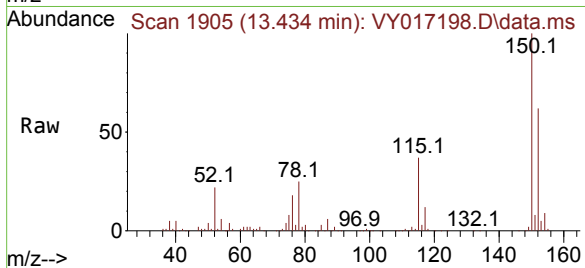




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017198.D
Acq: 02 Feb 2024 21:50

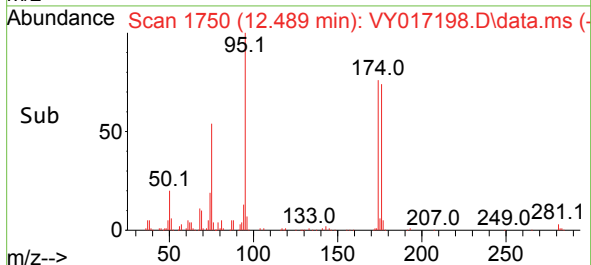
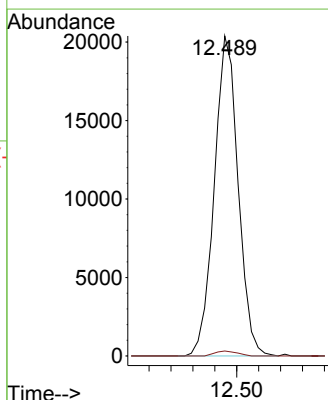
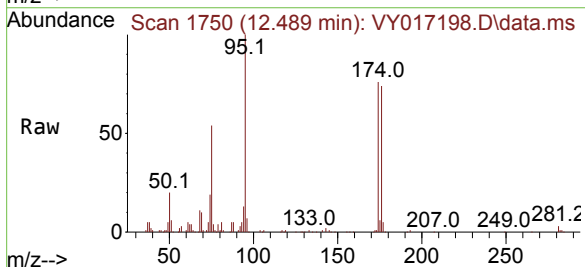
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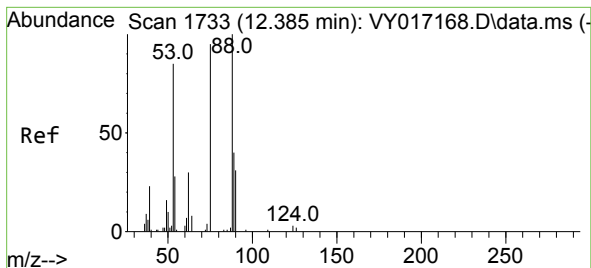
Tgt Ion:152 Resp: 66454
Ion Ratio Lower Upper
152 100
115 59.4 30.0 90.0
150 156.4 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 50.191 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017198.D
Acq: 02 Feb 2024 21:50

Tgt Ion: 75 Resp: 30785
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

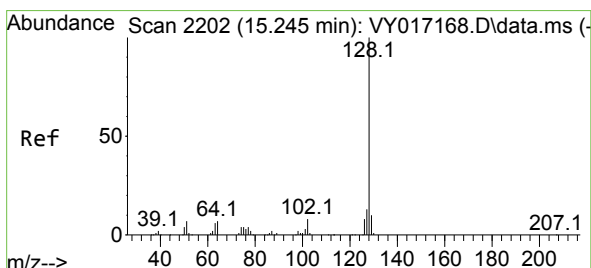
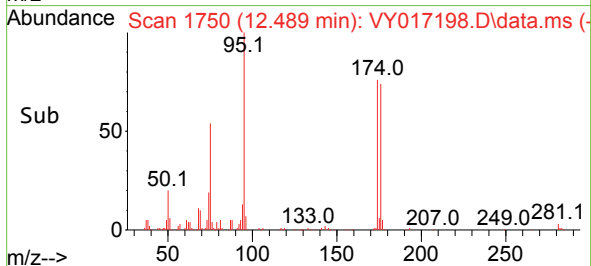
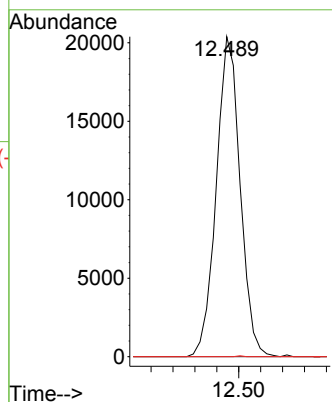
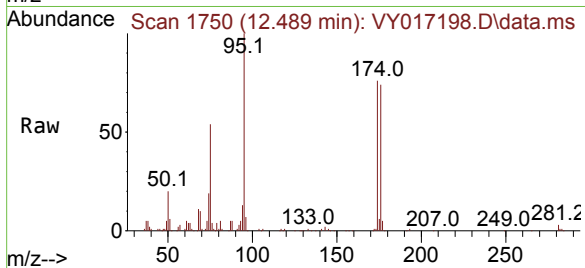




#81
trans-1,4-Dichloro-2-butene
Concen: 104.290 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017198.D
Acq: 02 Feb 2024 21:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0202SBL02

Tgt Ion: 75 Resp: 30785
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#



#95
Naphthalene
Concen: 3.699 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY017198.D
Acq: 02 Feb 2024 21:50

Tgt Ion:128 Resp: 520
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 3.7 8.6 12.8#

