

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112723\
 Data File : VY016506.D
 Acq On : 27 Nov 2023 13:51
 Operator : SY/MD
 Sample : 05521-06
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 28 00:16:13 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)

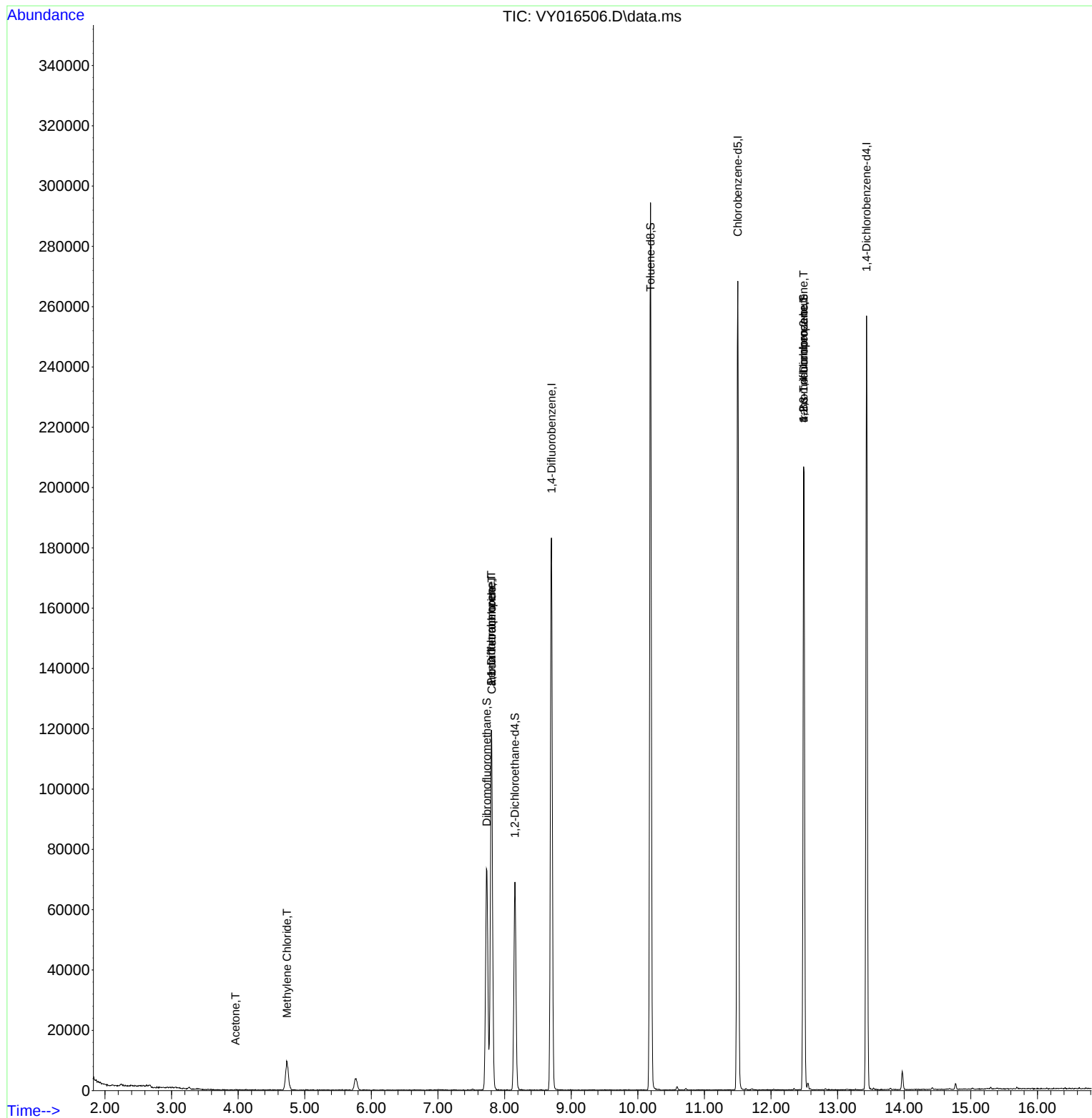
Internal Standards						
1) Pentafluorobenzene	7.801	168	97316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	169828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	162211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	70855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	55095	61.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.880%	
35) Dibromofluoromethane	7.734	113	54231	56.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.420%	
50) Toluene-d8	10.191	98	198298	50.687	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.380%	
62) 4-Bromofluorobenzene	12.489	95	66227	52.122	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.240%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	154	1.047	ug/l #	46
20) Methylene Chloride	4.734	84	7988	4.520	ug/l #	73
36) 1,1-Dichloropropene	7.801	75	6721	4.012	ug/l #	51
38) Carbon Tetrachloride	7.807	117	9350	5.378	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	32731	48.155	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	32731	104.524	ug/l #	10

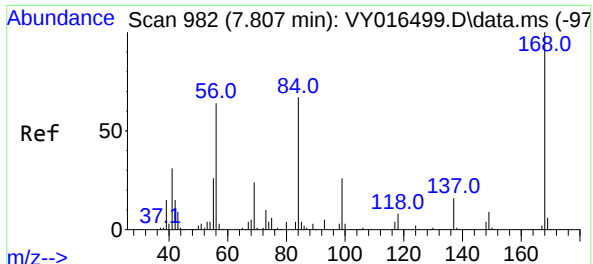
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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MSVOA_Y
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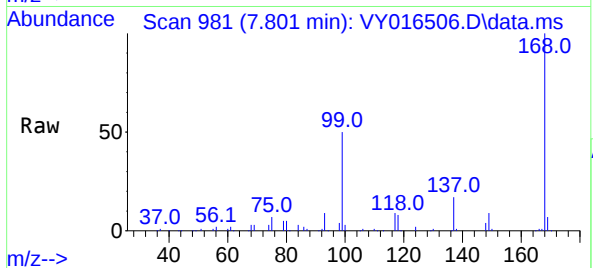
Quant Time: Nov 28 00:16:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
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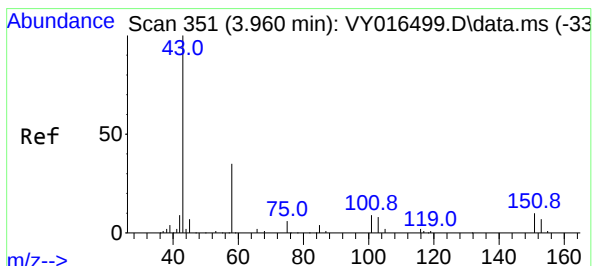
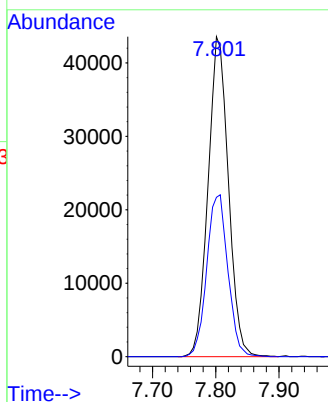
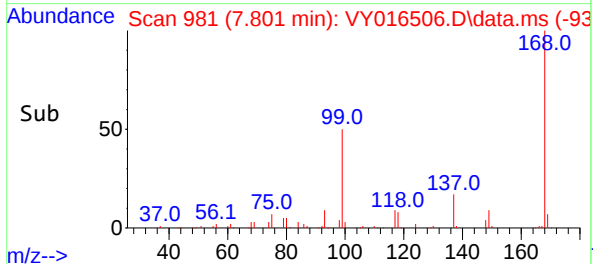


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016506.D
Acq: 27 Nov 2023 13:51

Instrument :
MSVOA_Y
ClientSampleId :

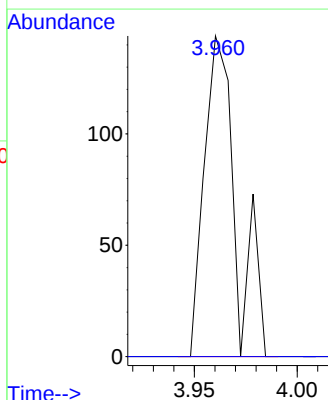
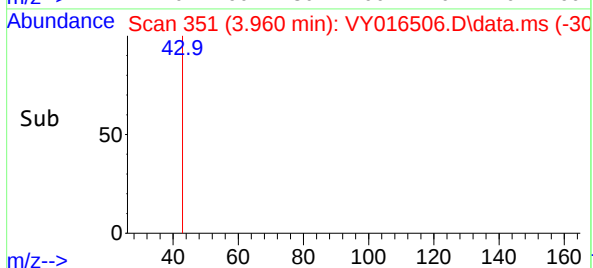
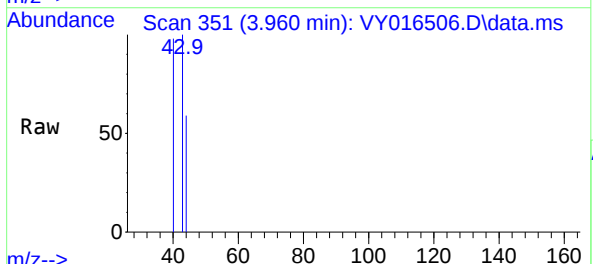


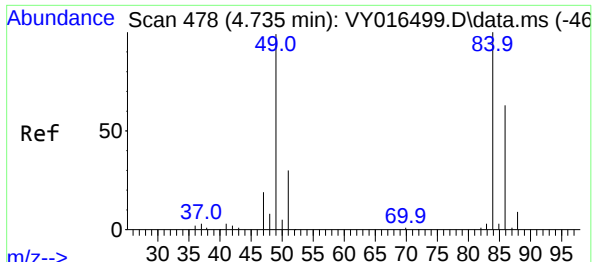
Tgt Ion:168 Resp: 97316
Ion Ratio Lower Upper
168 100
99 49.8 43.4 65.0



#16
Acetone
Concen: 1.047 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016506.D
Acq: 27 Nov 2023 13:51

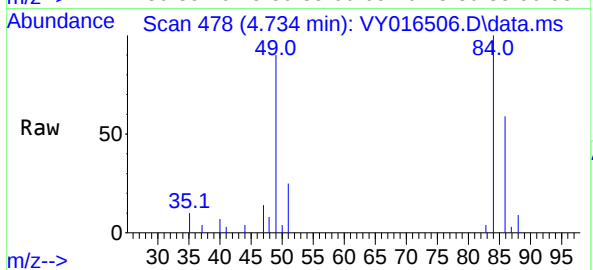
Tgt Ion: 43 Resp: 154
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#





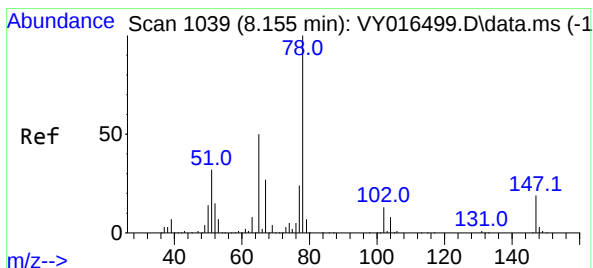
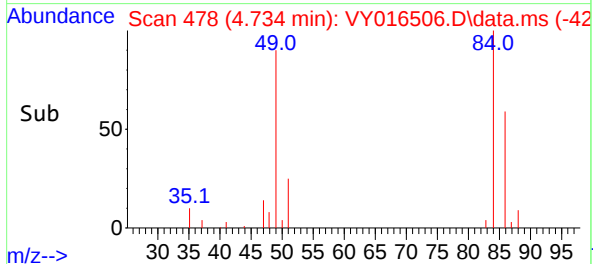
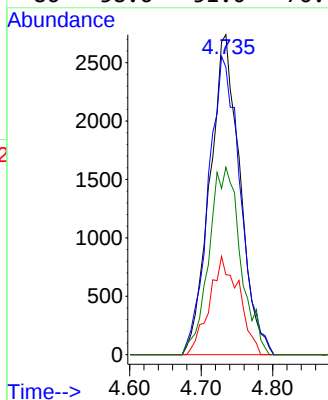
#20
Methylene Chloride
Concen: 4.520 ug/l
RT: 4.734 min Scan# 41
Delta R.T. 0.005 min
Lab File: VY016506.D
Acq: 27 Nov 2023 13:51

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 7988

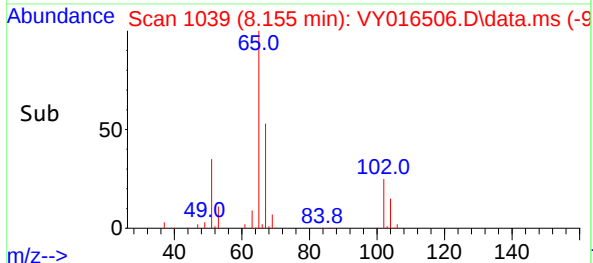
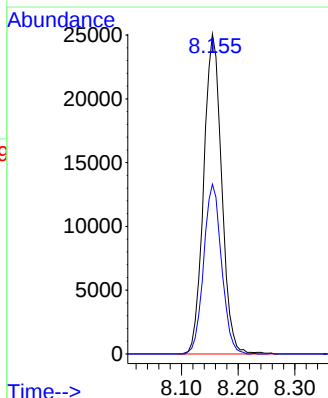
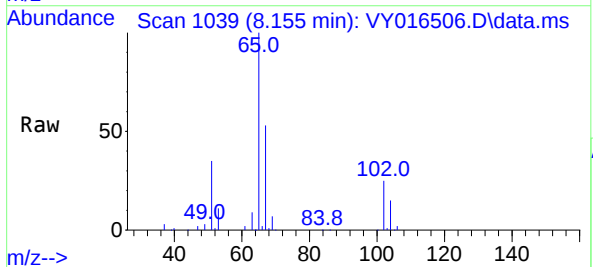
Ion	Ratio	Lower	Upper
84	100		
49	89.8	106.9	160.3#
51	25.0	33.2	49.8#
86	58.6	51.0	76.6

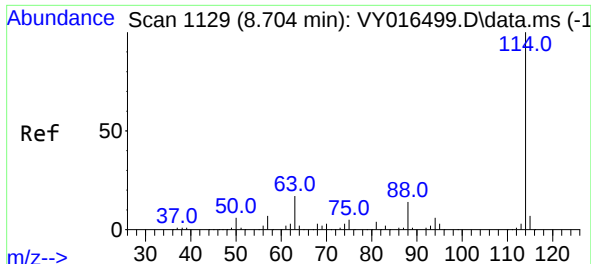


#33
1,2-Dichloroethane-d4
Concen: 61.944 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016506.D
Acq: 27 Nov 2023 13:51

Tgt Ion: 65 Resp: 55095

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016506.D

Acq: 27 Nov 2023 13:51

Instrument :

MSVOA_Y

ClientSampleId :

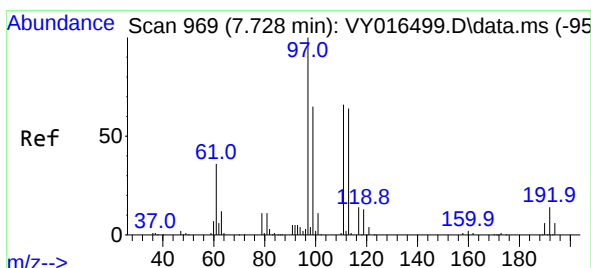
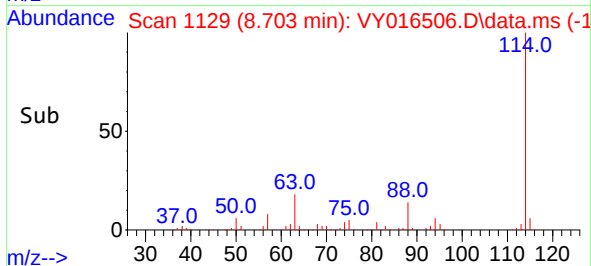
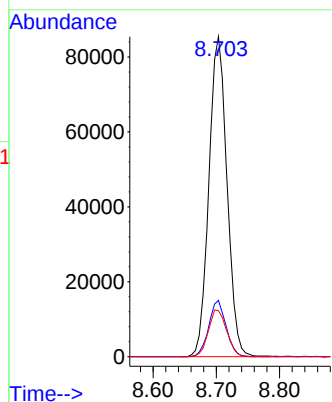
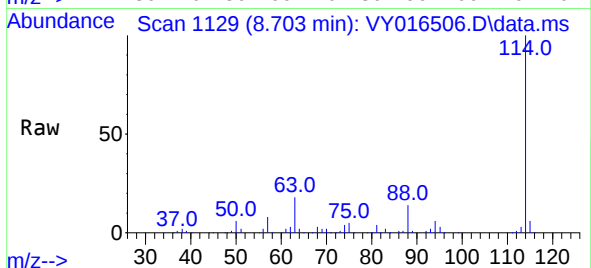
Tgt Ion:114 Resp: 169828

Ion Ratio Lower Upper

114 100

63 17.6 0.0 42.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.214 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY016506.D

Acq: 27 Nov 2023 13:51

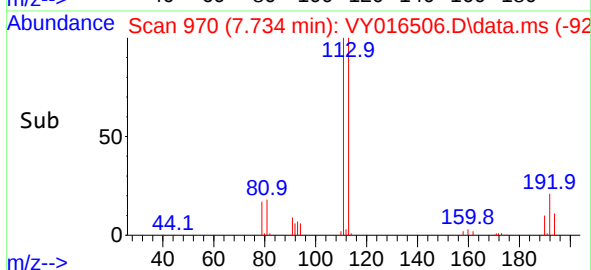
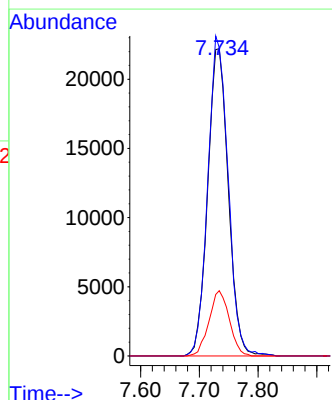
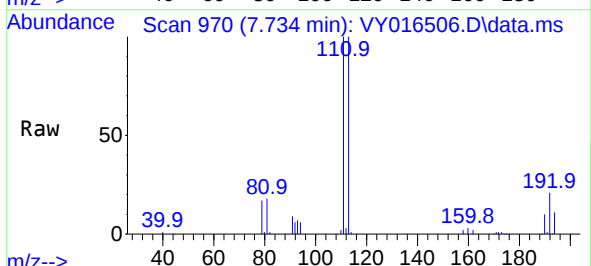
Tgt Ion:113 Resp: 54231

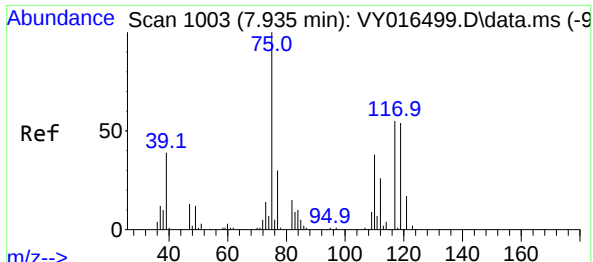
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

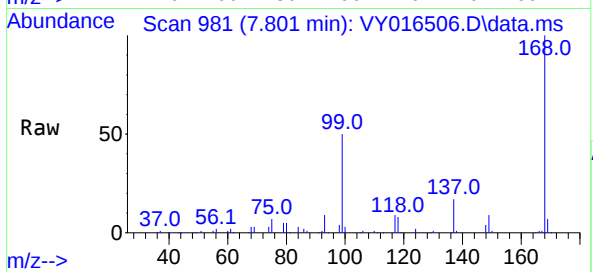
192 20.9 16.9 25.3



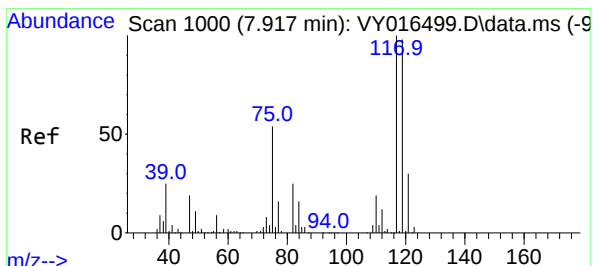
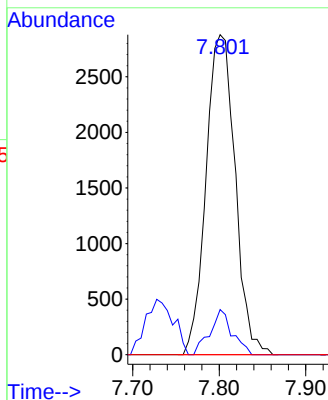
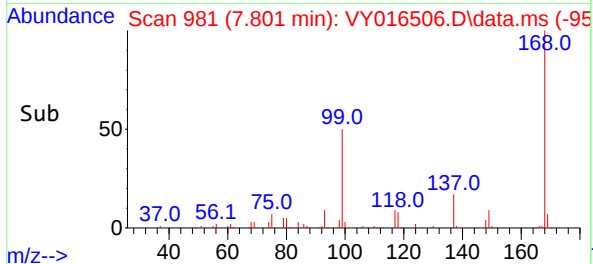


#36
1,1-Dichloropropene
Concen: 4.012 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016506.D
Acq: 27 Nov 2023 13:51

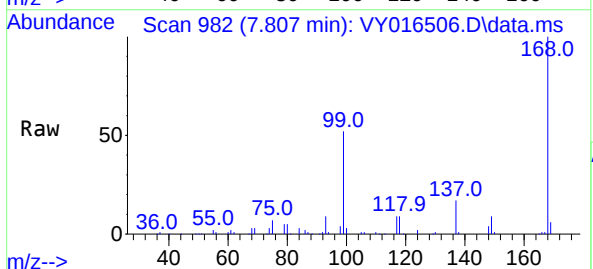
Instrument :
MSVOA_Y
ClientSampleId :



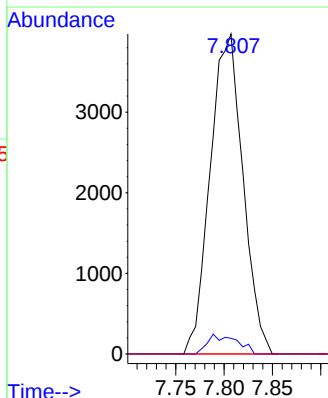
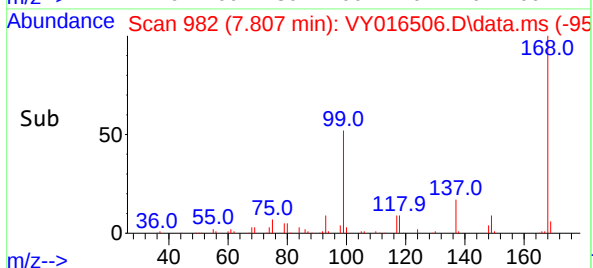
Tgt Ion: 75 Resp: 6721
Ion Ratio Lower Upper
75 100
110 10.9 17.8 53.5#
77 0.0 24.4 36.6#

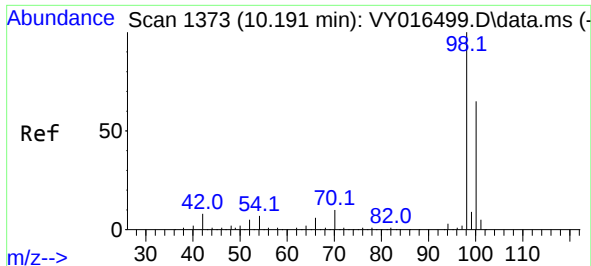


#38
Carbon Tetrachloride
Concen: 5.378 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY016506.D
Acq: 27 Nov 2023 13:51



Tgt Ion: 117 Resp: 9350
Ion Ratio Lower Upper
117 100
119 4.9 76.4 114.6#
121 0.0 25.8 38.6#

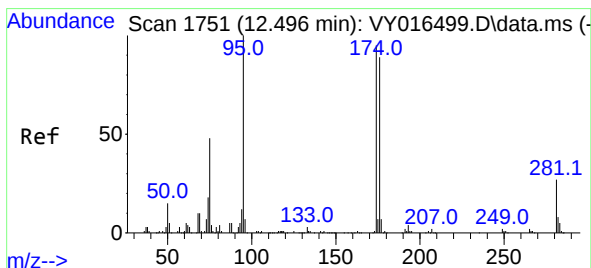
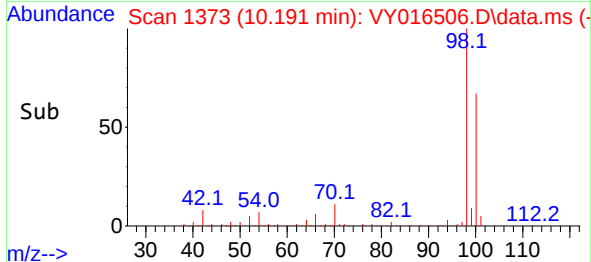
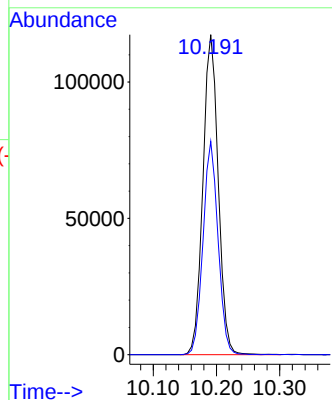
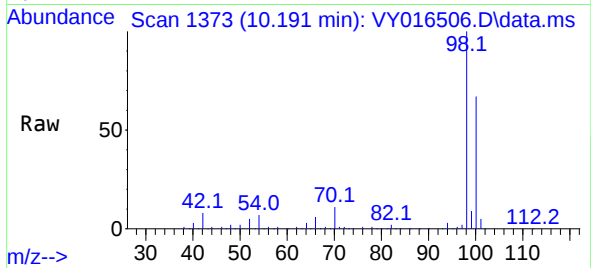




#50
Toluene-d8
Concen: 50.687 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016506.D
Acq: 27 Nov 2023 13:51

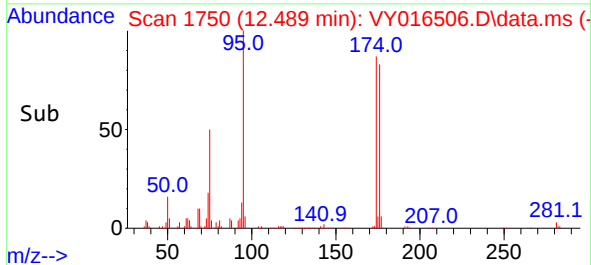
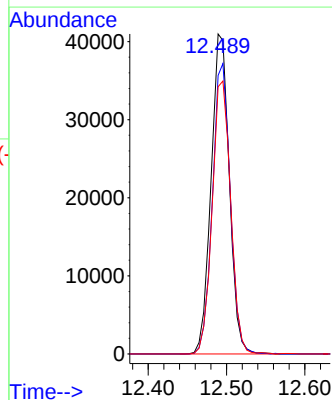
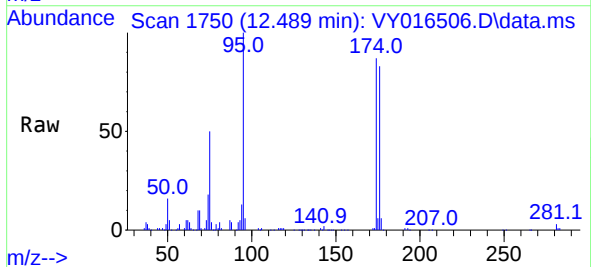
Instrument :
MSVOA_Y
ClientSampleId :

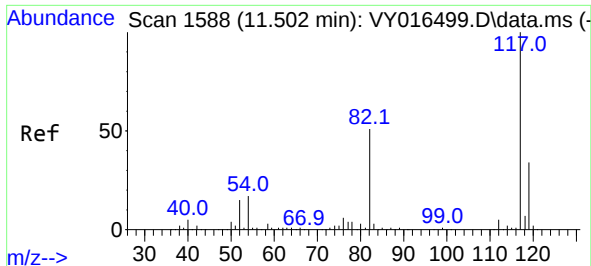
Tgt Ion: 98 Resp: 198298
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.122 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016506.D
Acq: 27 Nov 2023 13:51

Tgt Ion: 95 Resp: 66227
Ion Ratio Lower Upper
95 100
174 88.8 0.0 178.2
176 86.4 0.0 173.8

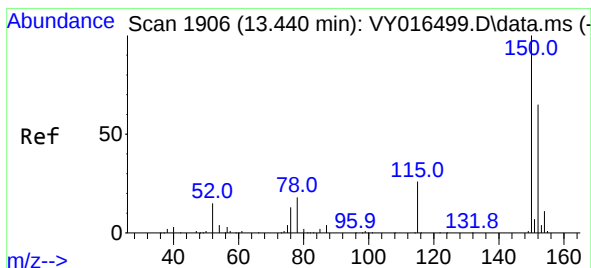
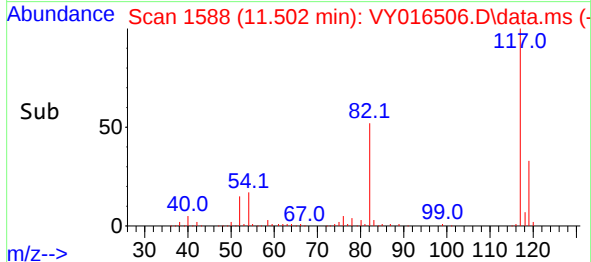
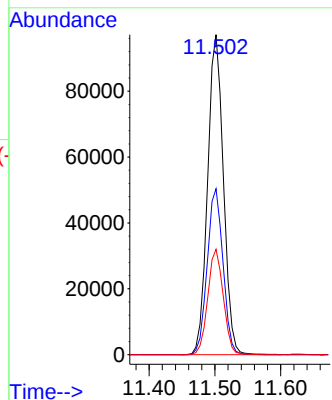
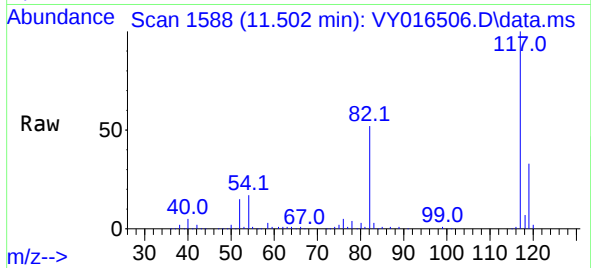




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016506.D
Acq: 27 Nov 2023 13:51

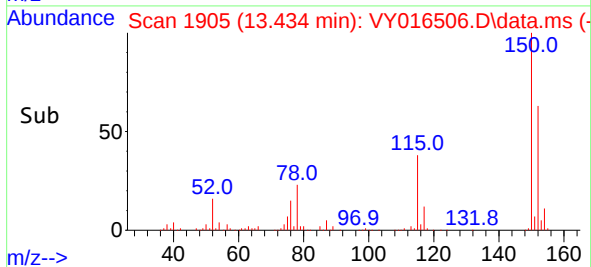
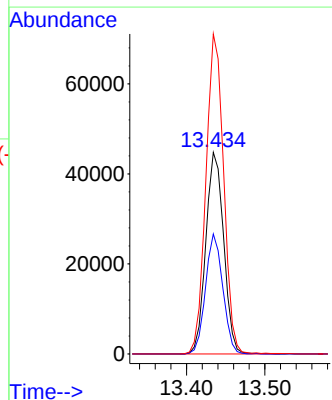
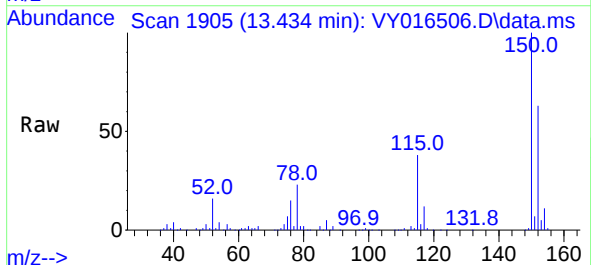
Instrument :
MSVOA_Y
ClientSampleId :

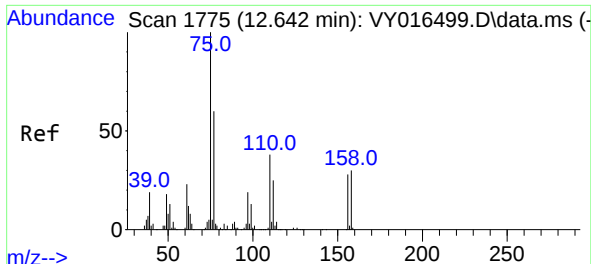
Tgt Ion:117 Resp: 162211
Ion Ratio Lower Upper
117 100
82 51.9 43.4 65.0
119 32.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016506.D
Acq: 27 Nov 2023 13:51

Tgt Ion:152 Resp: 70855
Ion Ratio Lower Upper
152 100
115 57.6 28.8 86.5
150 157.6 0.0 348.8

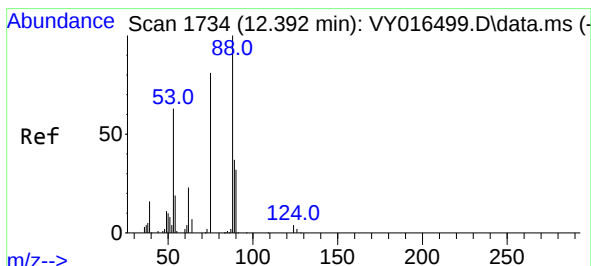
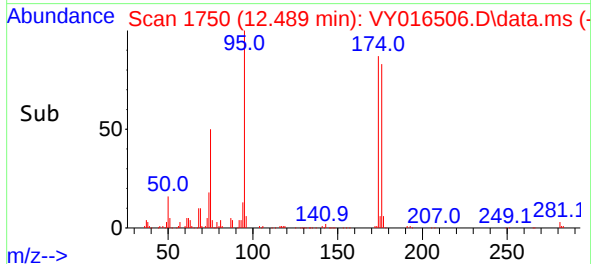
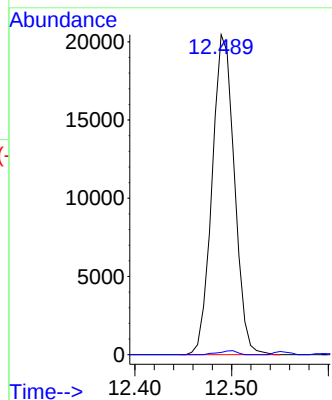
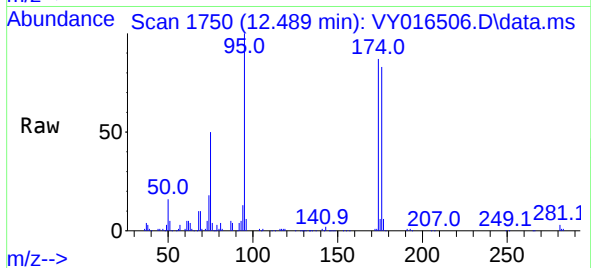




#76
1,2,3-Trichloropropane
Concen: 48.155 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016506.D
Acq: 27 Nov 2023 13:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 32731
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.524 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY016506.D
Acq: 27 Nov 2023 13:51

Tgt Ion: 75 Resp: 32731
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

