

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
 Data File : VY016347.D
 Acq On : 14 Nov 2023 14:31
 Operator : SY/MD
 Sample : 05388-07
 Misc : 5.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 15 05:28:36 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)

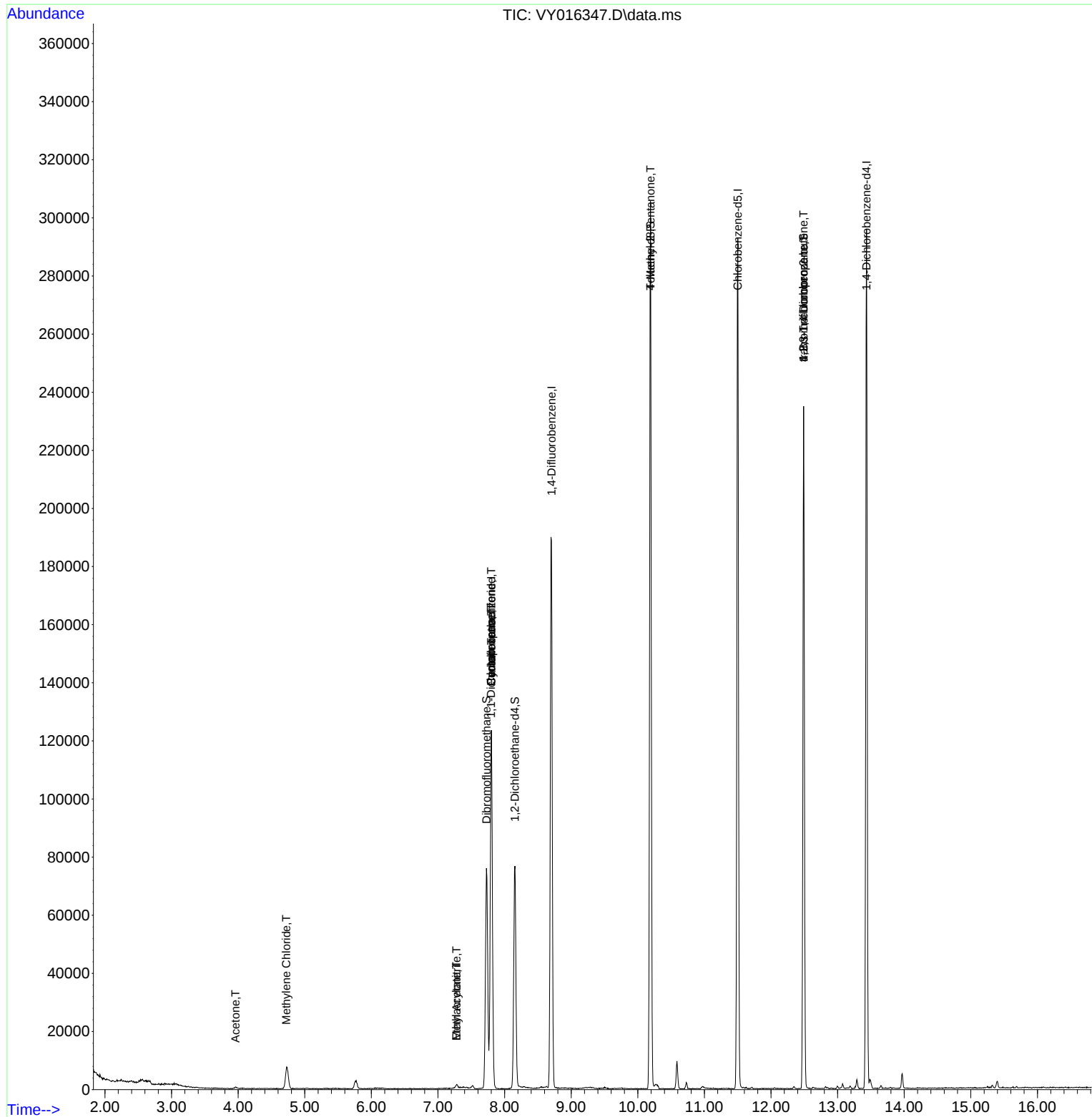
Internal Standards						
1) Pentafluorobenzene	7.801	168	95517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	171056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	166021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	76369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61083	69.970	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 139.940%			
35) Dibromofluoromethane	7.728	113	53958	55.529	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.060%			
50) Toluene-d8	10.191	98	202530	51.397	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.800%			
62) 4-Bromofluorobenzene	12.489	95	69687	54.451	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.900%			
Target Compounds					Qvalue	
16) Acetone	3.960	43	836	5.789	ug/l	97
20) Methylene Chloride	4.722	84	5921	2.497	ug/l #	83
31) Cyclohexane	7.801	56	1867	1.086	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7283	4.316	ug/l #	50
37) Ethyl Acetate	7.277	43	1107	1.624	ug/l #	71
38) Carbon Tetrachloride	7.801	117	9745	5.565	ug/l #	18
41) Methacrylonitrile	7.277	41	549	1.597	ug/l #	31
51) 4-Methyl-2-Pentanone	10.191	43	744	1.116	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	36760	50.178	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	36760	108.914	ug/l #	10

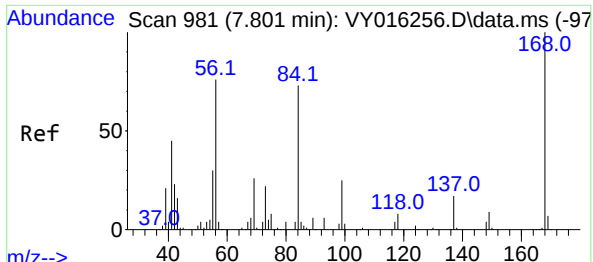
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :

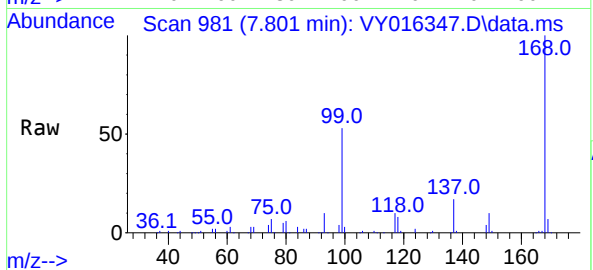
Quant Time: Nov 15 05:28:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



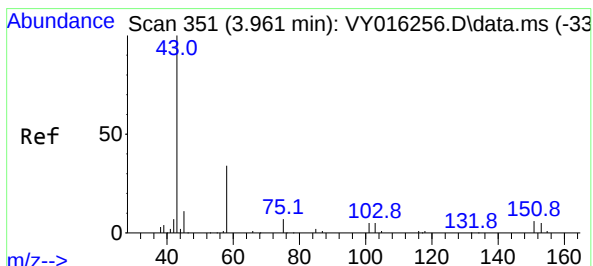
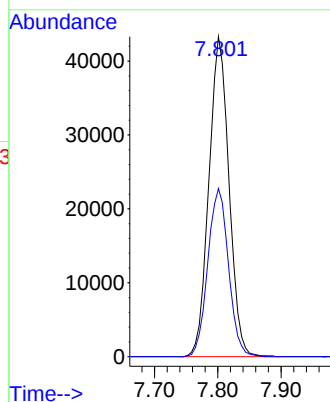
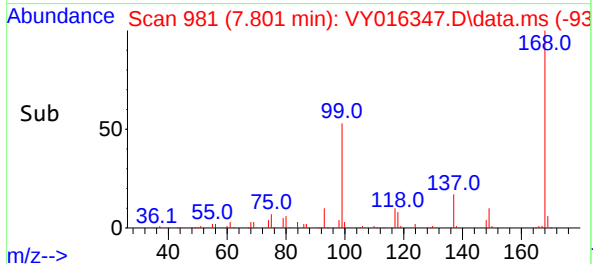


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :

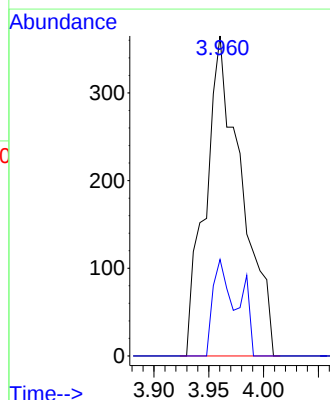
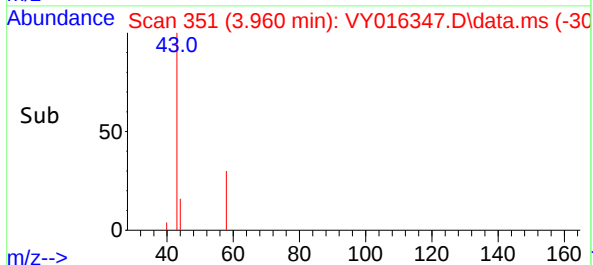
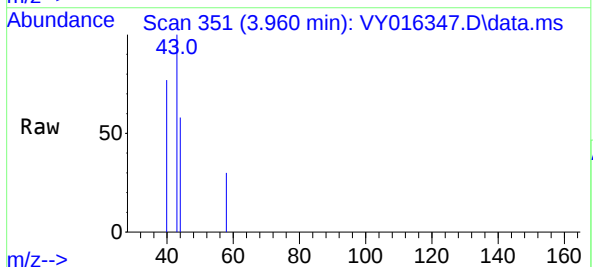


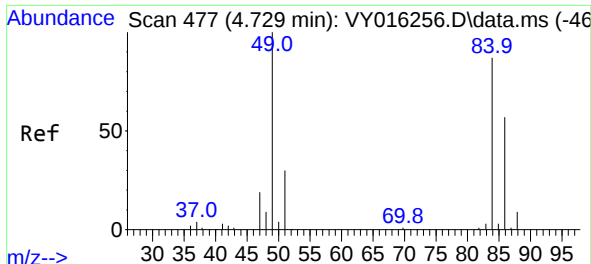
Tgt Ion:168 Resp: 95517
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#16
Acetone
Concen: 5.789 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

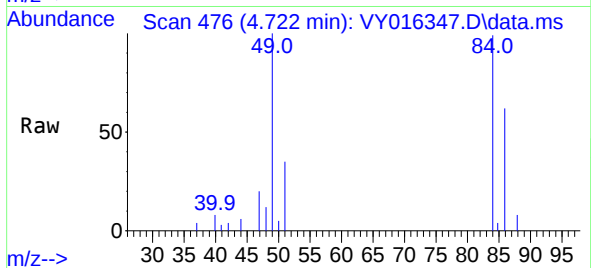
Tgt Ion: 43 Resp: 836
Ion Ratio Lower Upper
43 100
58 30.1 22.7 34.1





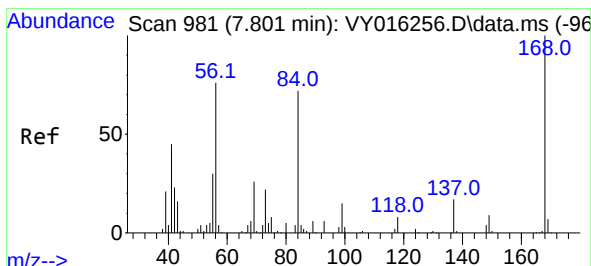
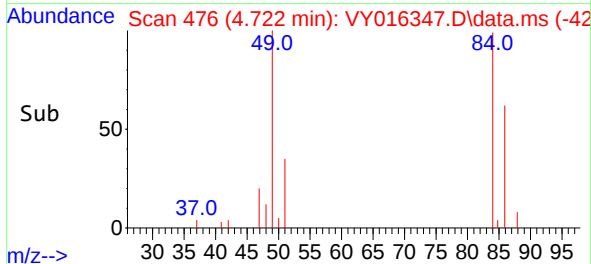
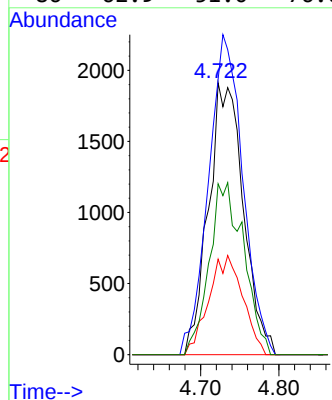
#20
Methylene Chloride
Concen: 2.497 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 5921

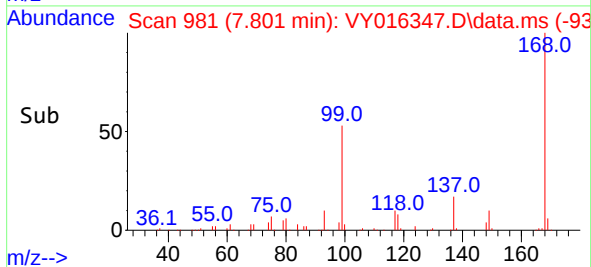
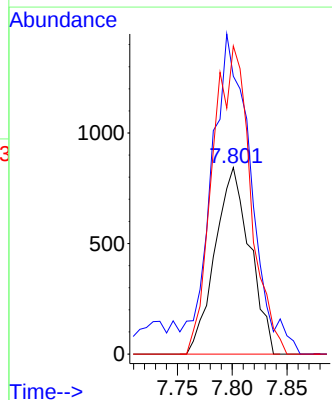
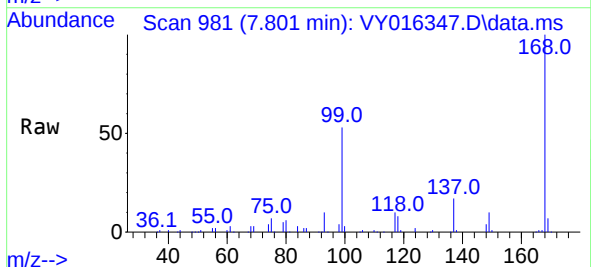
Ion	Ratio	Lower	Upper
84	100		
49	101.3	106.9	160.3#
51	35.1	33.2	49.8
86	62.9	51.0	76.6

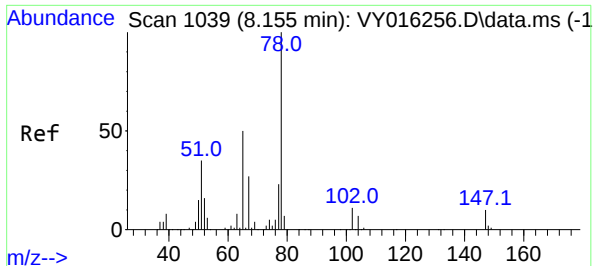


#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

Tgt Ion: 56 Resp: 1867

Ion	Ratio	Lower	Upper
56	100		
69	137.1	27.8	41.6#
84	165.2	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 69.970 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016347.D

Acq: 14 Nov 2023 14:31

Instrument :

MSVOA_Y

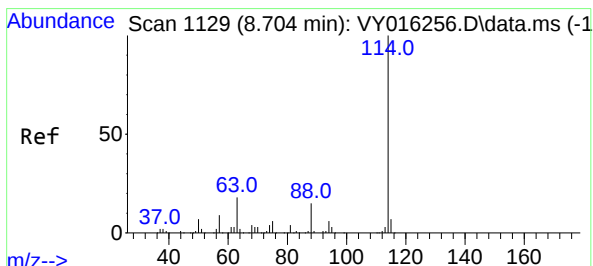
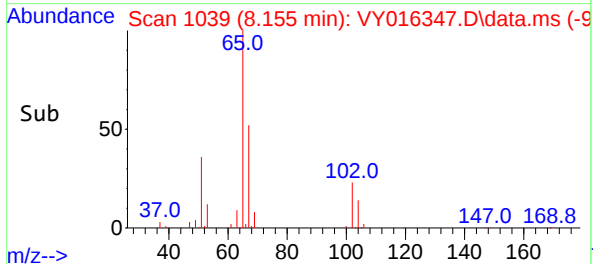
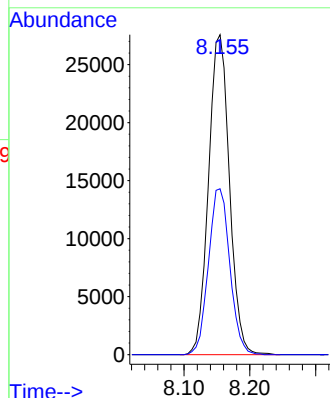
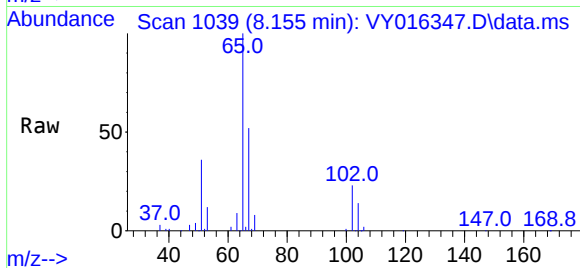
ClientSampleId :

Tgt Ion: 65 Resp: 61083

Ion Ratio Lower Upper

65 100

67 53.0 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: VY016347.D

Acq: 14 Nov 2023 14:31

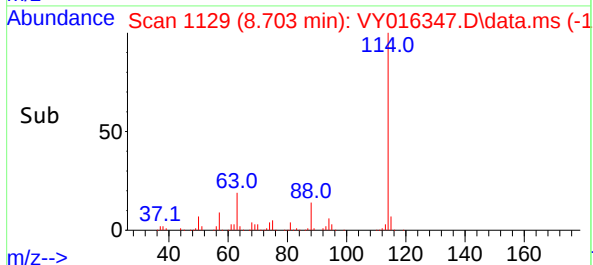
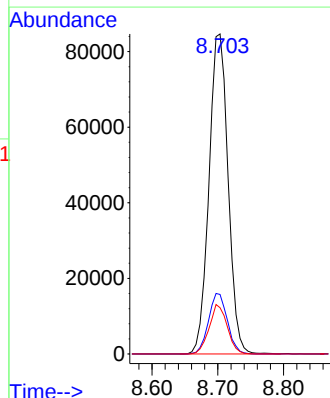
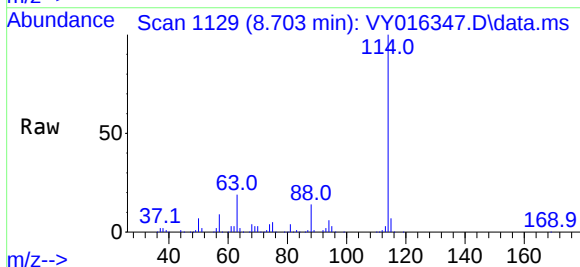
Tgt Ion: 114 Resp: 171056

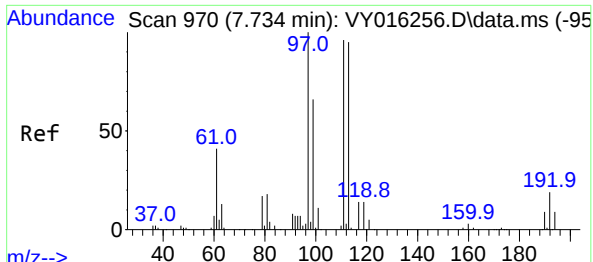
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

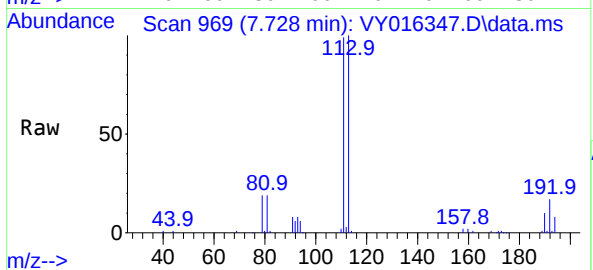
88 14.4 0.0 30.6



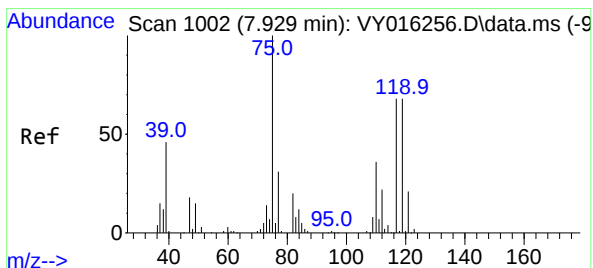
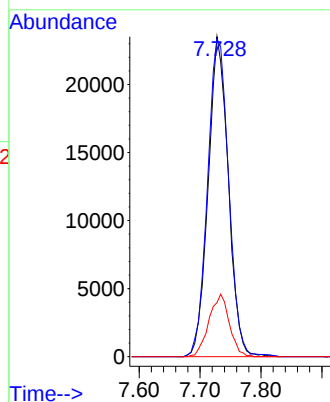
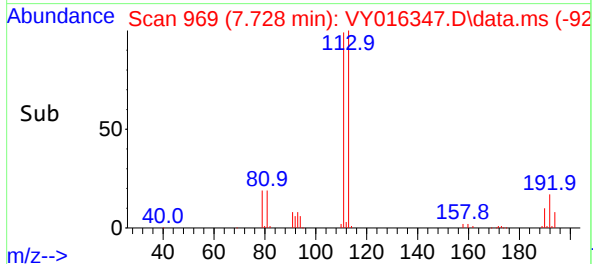


#35
Dibromofluoromethane
Concen: 55.529 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :

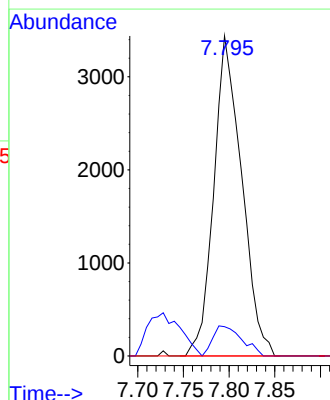
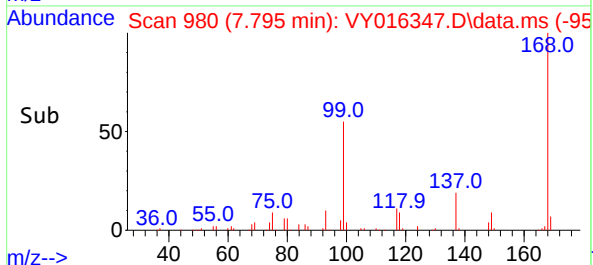
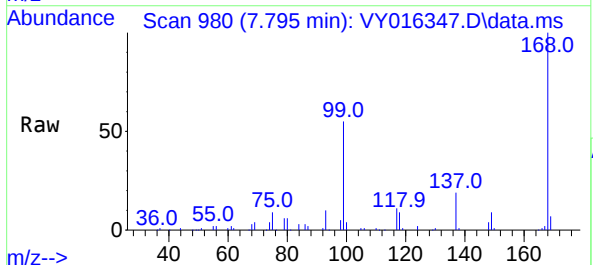


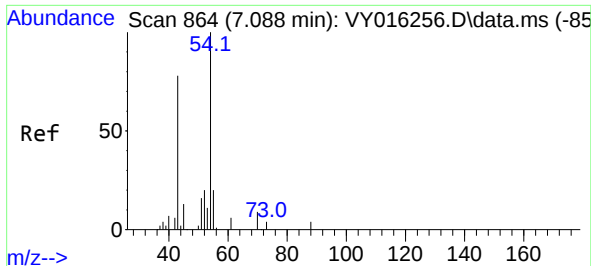
Tgt Ion:113 Resp: 53958
Ion Ratio Lower Upper
113 100
111 104.4 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.316 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

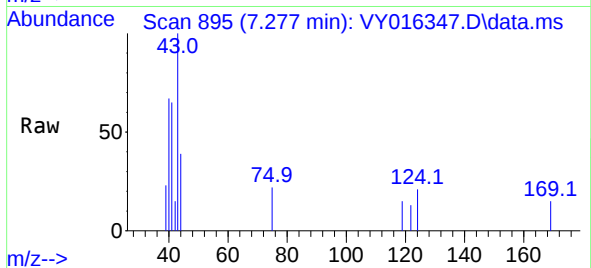
Tgt Ion: 75 Resp: 7283
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.5#
77 0.0 24.4 36.6#



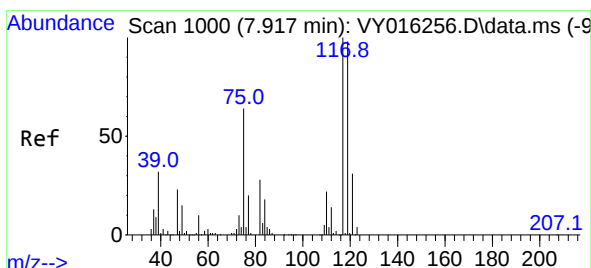
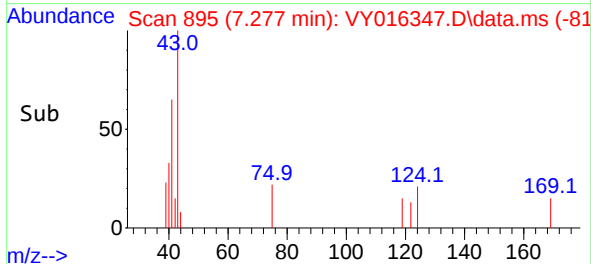
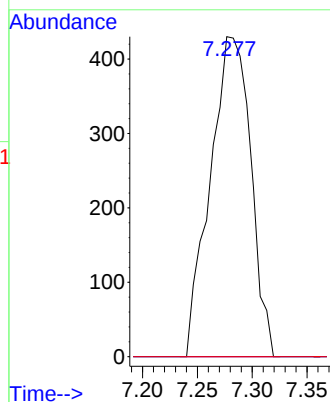


#37
Ethyl Acetate
Concen: 1.624 ug/l
RT: 7.277 min Scan# 895
Delta R.T. 0.189 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :

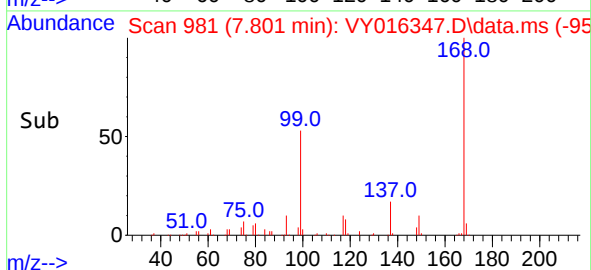
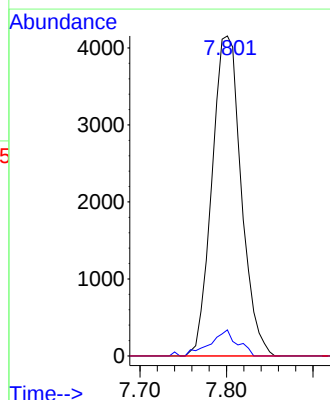
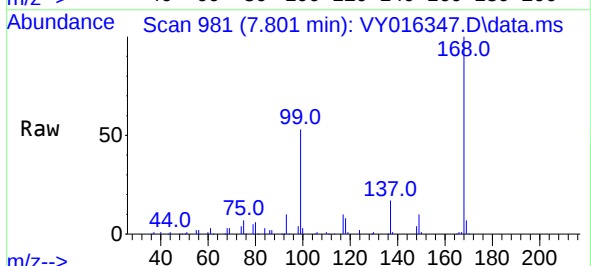


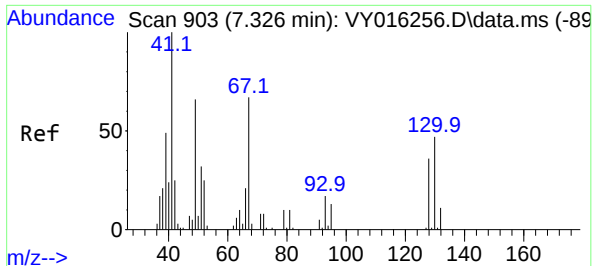
Tgt Ion: 43 Resp: 1107
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.565 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

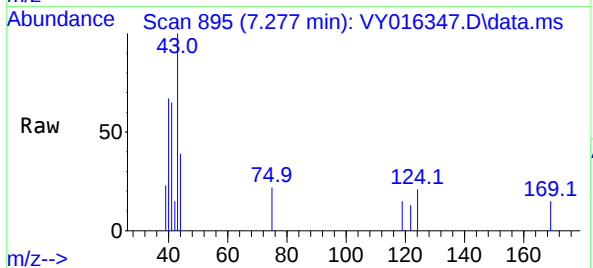
Tgt Ion: 117 Resp: 9745
Ion Ratio Lower Upper
117 100
119 8.1 76.4 114.6#
121 0.0 25.8 38.6#



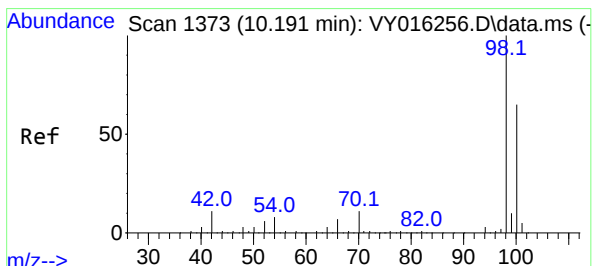
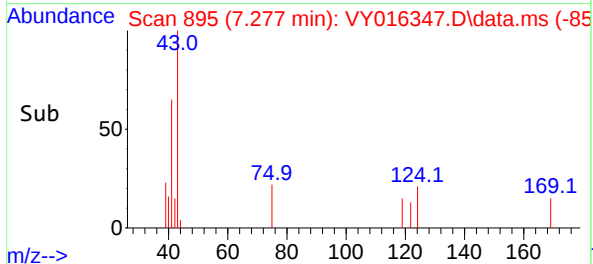
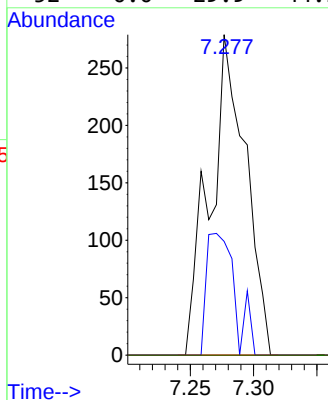


#41
Methacrylonitrile
Concen: 1.597 ug/l
RT: 7.277 min Scan# 89
Delta R.T. -0.049 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :

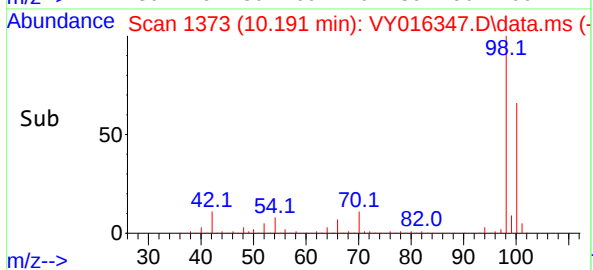
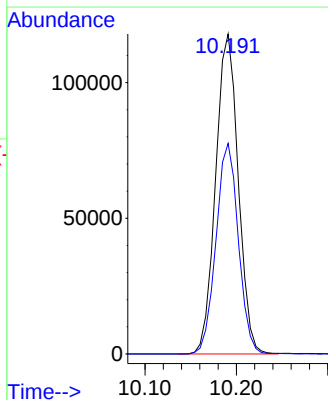
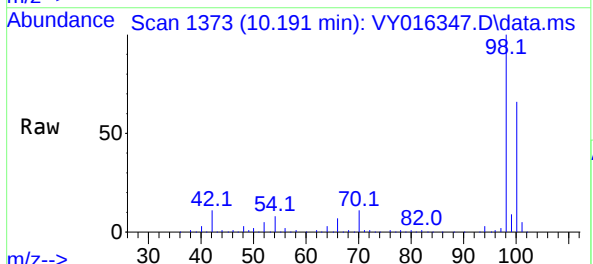


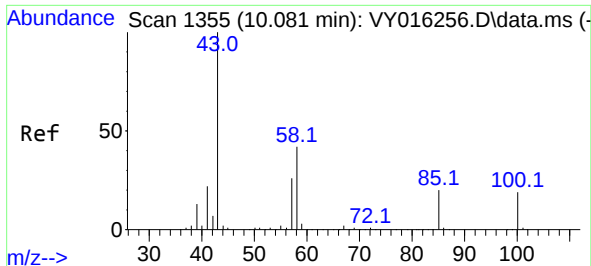
Tgt Ion: 41	Resp: 549
Ion Ratio	Lower Upper
41 100	
39 30.1	52.1 78.1#
67 0.0	66.2 99.2#
52 0.0	29.9 44.9#



#50
Toluene-d8
Concen: 51.397 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

Tgt Ion: 98	Resp: 202530
Ion Ratio	Lower Upper
98 100	
100 65.1	50.1 75.1

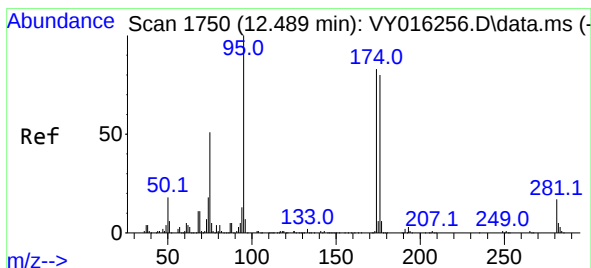
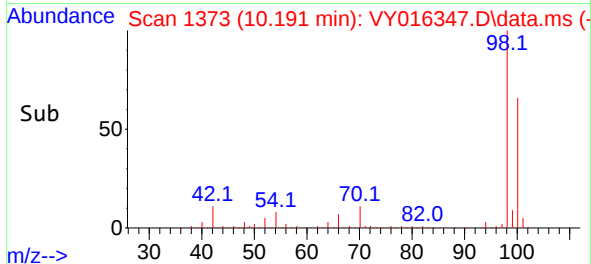
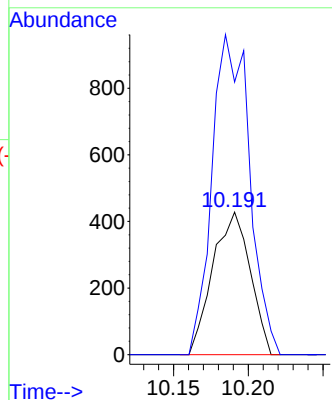
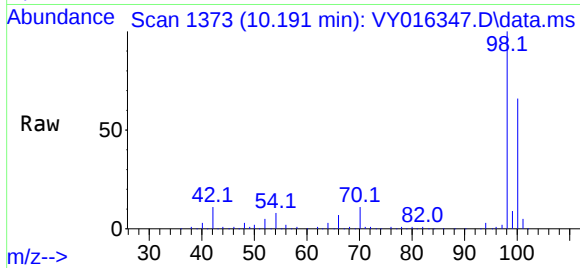




#51
4-Methyl-2-Pentanone
Concen: 1.116 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

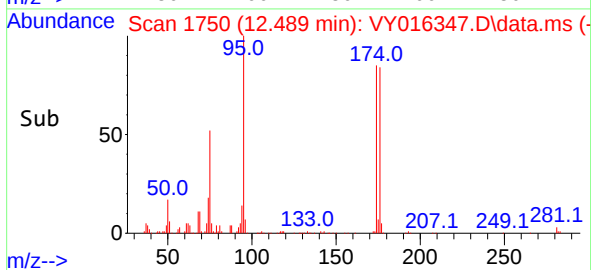
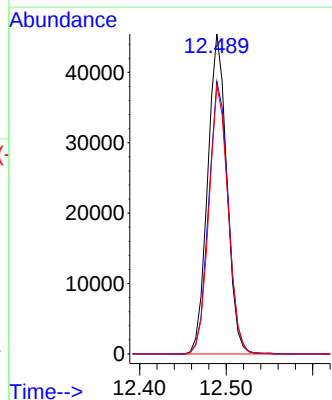
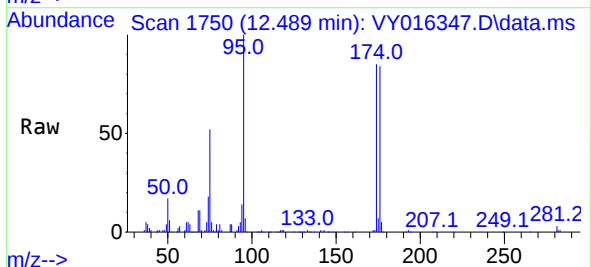
Instrument :
MSVOA_Y
ClientSampleId :

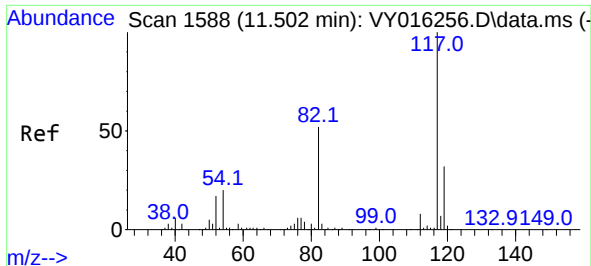
Tgt Ion: 43 Resp: 744
Ion Ratio Lower Upper
43 100
58 224.6 29.0 43.6#



#62
4-Bromofluorobenzene
Concen: 54.451 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

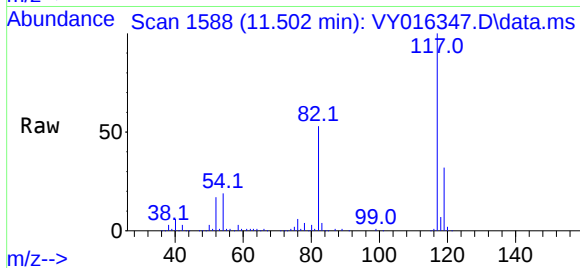
Tgt Ion: 95 Resp: 69687
Ion Ratio Lower Upper
95 100
174 87.0 0.0 178.2
176 84.1 0.0 173.8



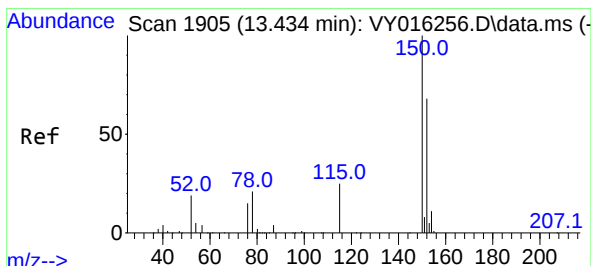
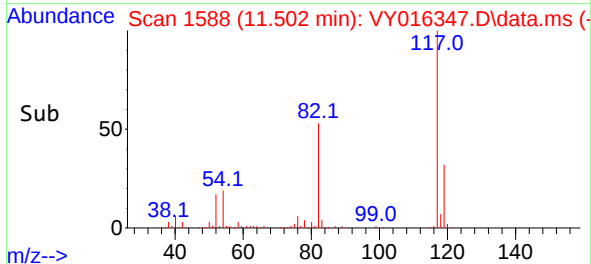
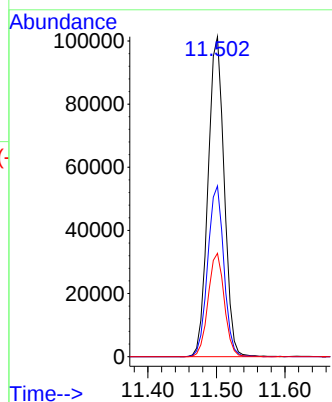


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :

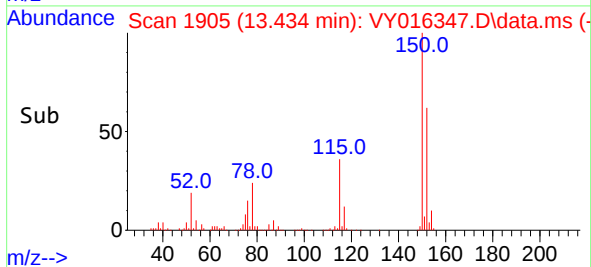
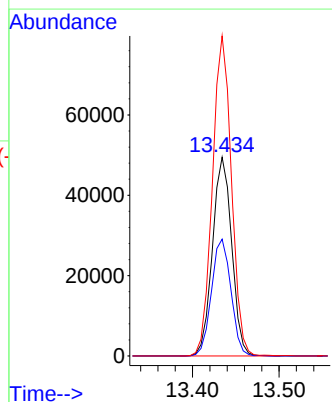
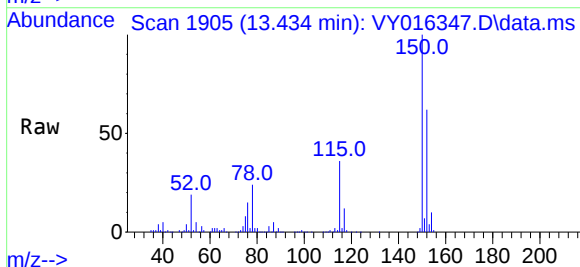


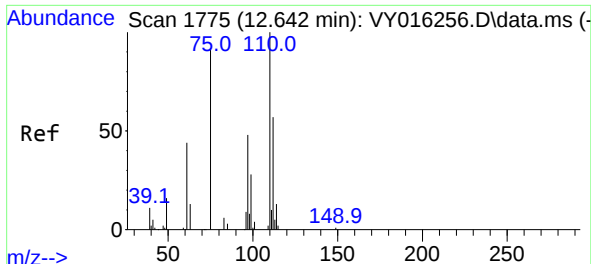
Tgt Ion:117 Resp: 166021
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

Tgt Ion:152 Resp: 76369
Ion Ratio Lower Upper
152 100
115 59.4 28.8 86.5
150 159.2 0.0 348.8

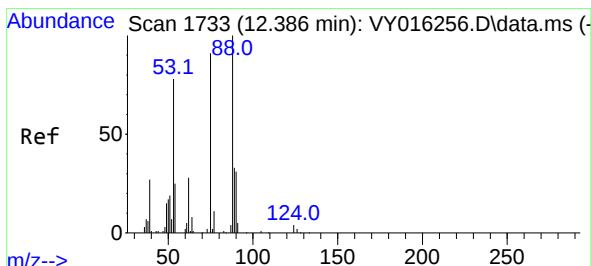
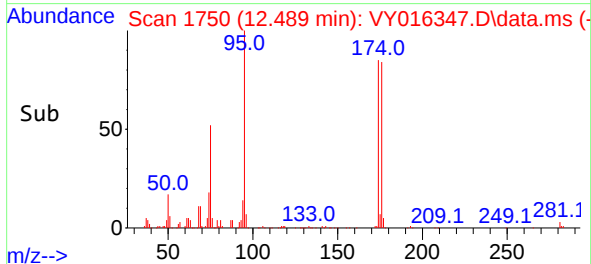
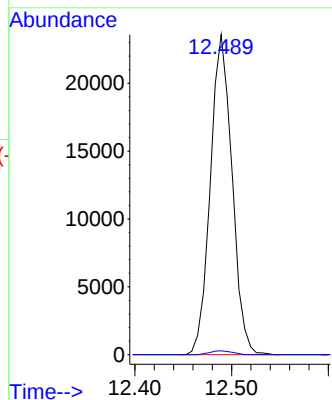
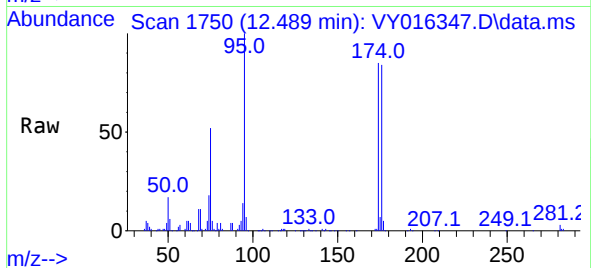




#76
1,2,3-Trichloropropane
Concen: 50.178 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 36760
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.914 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY016347.D
Acq: 14 Nov 2023 14:31

Tgt Ion: 75 Resp: 36760
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

