

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
 Data File : VY016351.D
 Acq On : 14 Nov 2023 16:05
 Operator : SY/MD
 Sample : 05384-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 15 05:29:17 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)

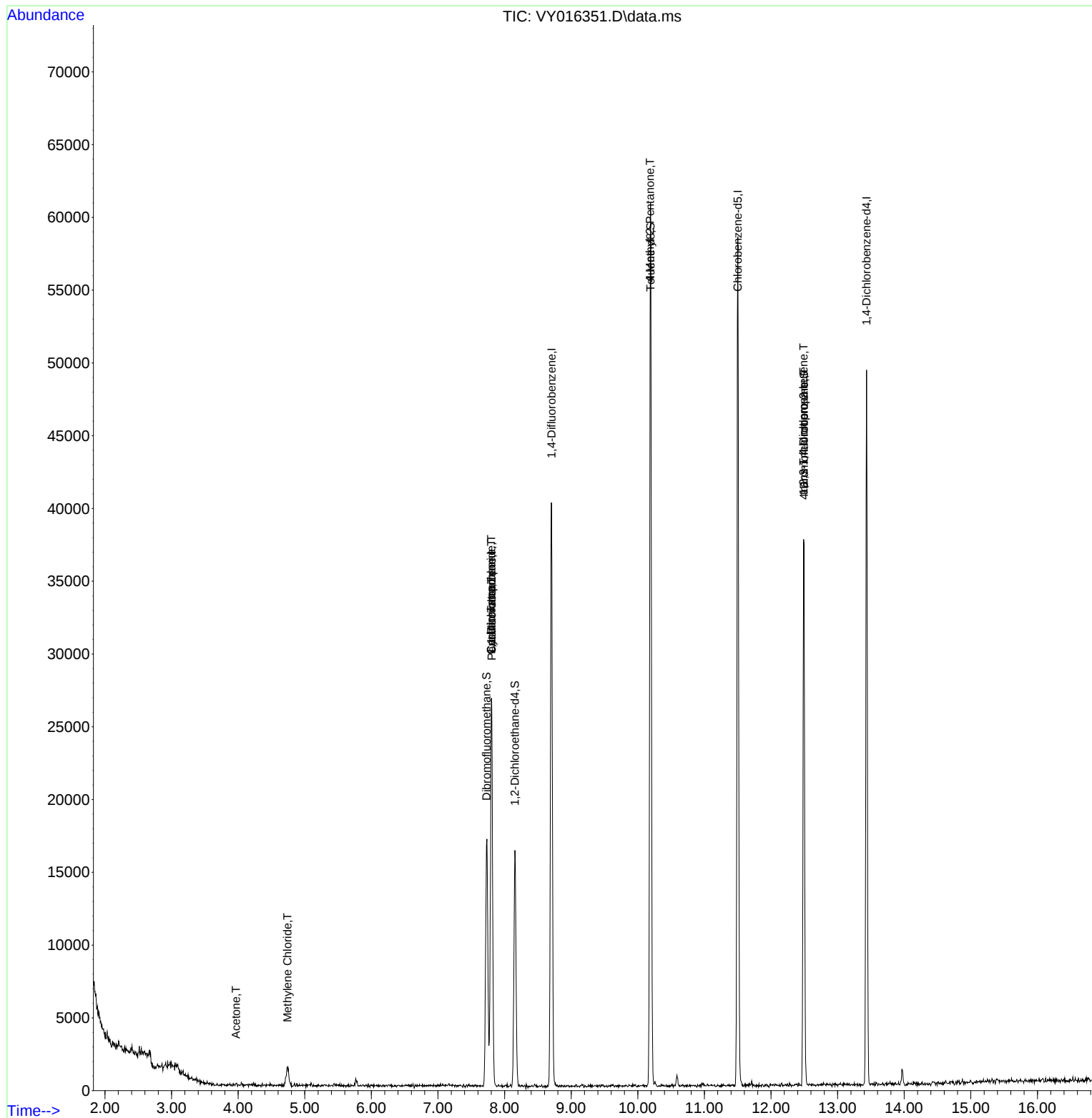
Internal Standards						
1) Pentafluorobenzene	7.807	168	21218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	36319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	33406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	13121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	12853	66.278	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.560%			
35) Dibromofluoromethane	7.728	113	12638	61.256	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 122.520%			
50) Toluene-d8	10.191	98	42392	50.669	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.340%			
62) 4-Bromofluorobenzene	12.495	95	12096	44.515	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 89.020%			
Target Compounds						Qvalue
16) Acetone	3.966	43	175	5.456	ug/l #	46
20) Methylene Chloride	4.741	84	1080	1.381	ug/l #	80
31) Cyclohexane	7.801	56	447	1.171	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	1762	4.918	ug/l #	44
38) Carbon Tetrachloride	7.801	117	2176	5.852	ug/l #	12
51) 4-Methyl-2-Pentanone	10.185	43	166	1.173	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	6005	47.709	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	6005	103.555	ug/l #	11

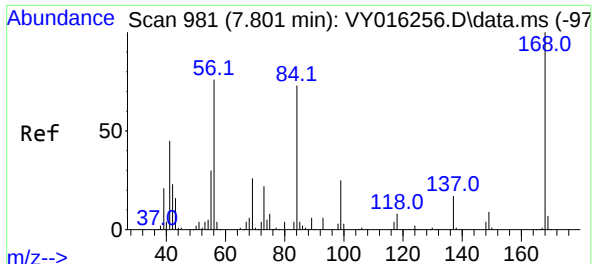
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :

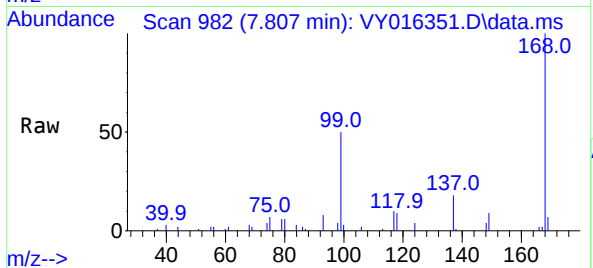
Quant Time: Nov 15 05:29:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



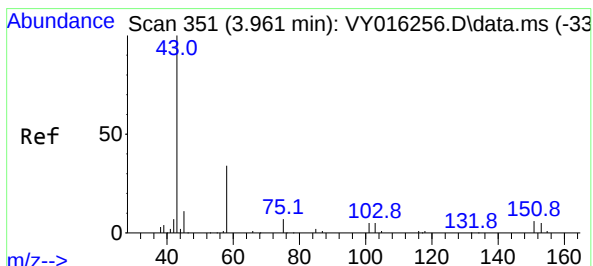
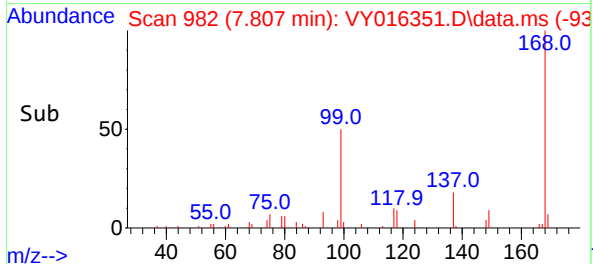
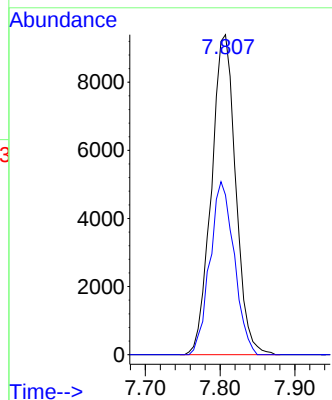


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016351.D
Acq: 14 Nov 2023 16:05

Instrument :
MSVOA_Y
ClientSampleId :

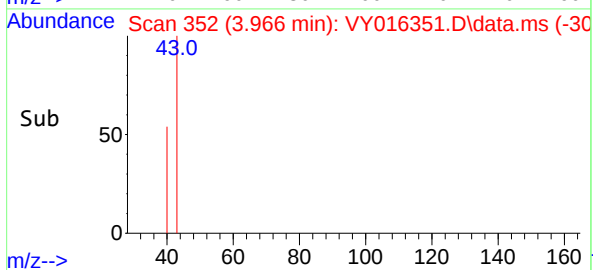
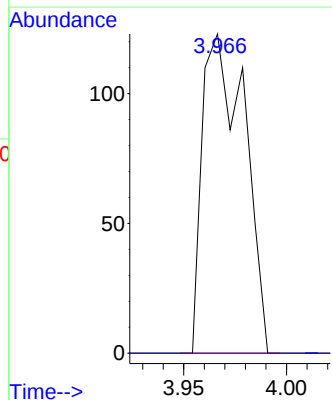
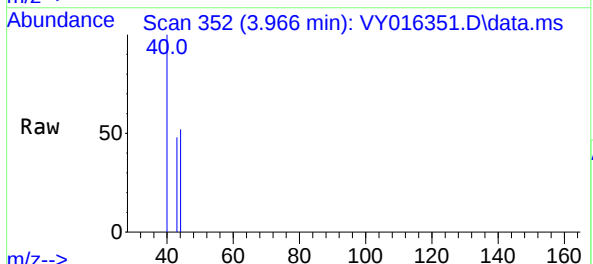


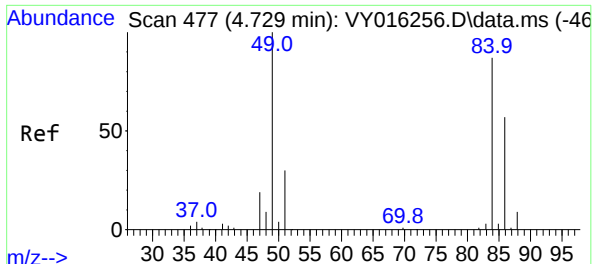
Tgt Ion:168 Resp: 21218
Ion Ratio Lower Upper
168 100
99 49.9 43.4 65.0



#16
Acetone
Concen: 5.456 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016351.D
Acq: 14 Nov 2023 16:05

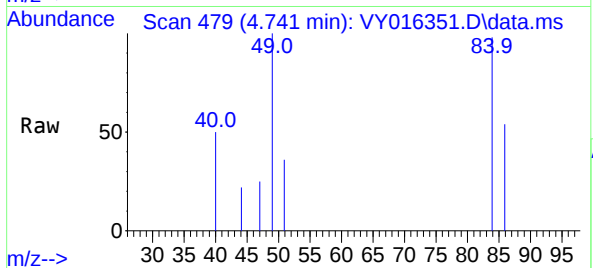
Tgt Ion: 43 Resp: 175
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#





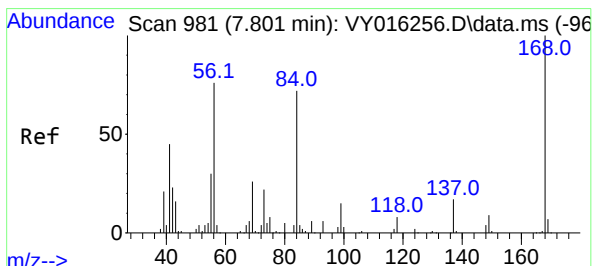
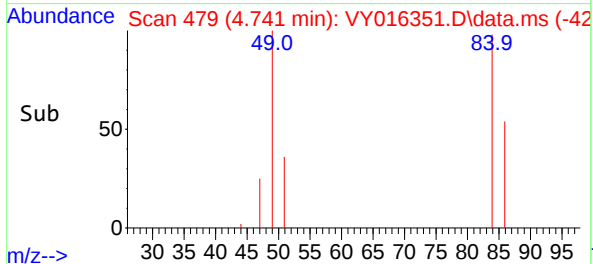
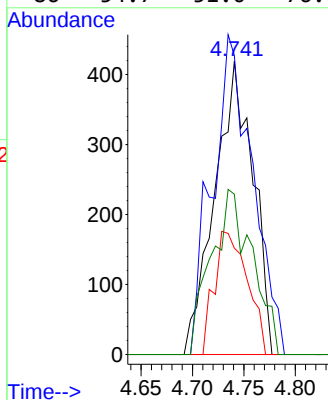
#20
Methylene Chloride
Concen: 1.381 ug/l
RT: 4.741 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY016351.D
Acq: 14 Nov 2023 16:05

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 1080

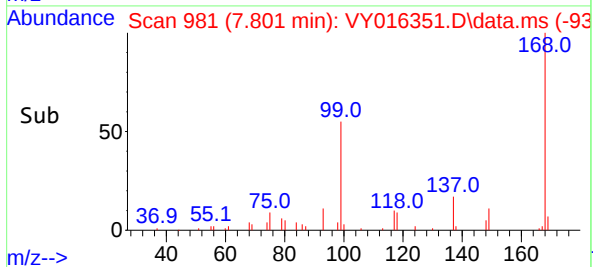
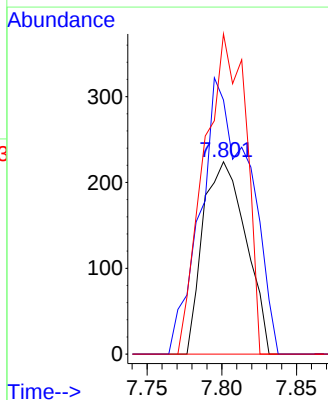
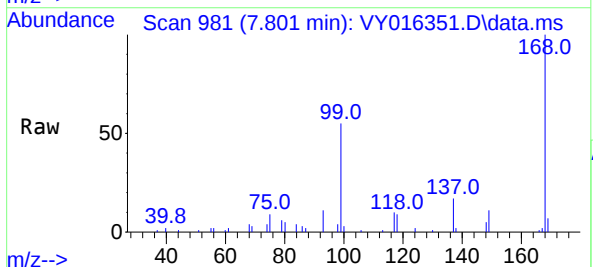
Ion	Ratio	Lower	Upper
84	100		
49	101.9	106.9	160.3#
51	36.3	33.2	49.8
86	54.7	51.0	76.6

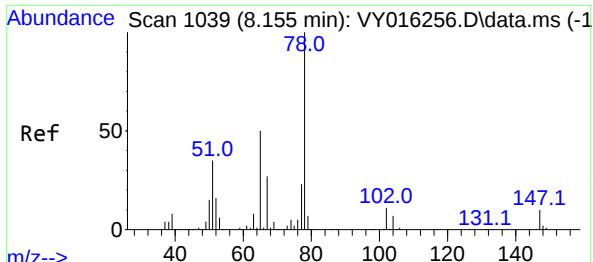


#31
Cyclohexane
Concen: 1.171 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016351.D
Acq: 14 Nov 2023 16:05

Tgt Ion: 56 Resp: 447

Ion	Ratio	Lower	Upper
56	100		
69	132.1	27.8	41.6#
84	166.5	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 66.278 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016351.D

Acq: 14 Nov 2023 16:05

Instrument :

MSVOA_Y

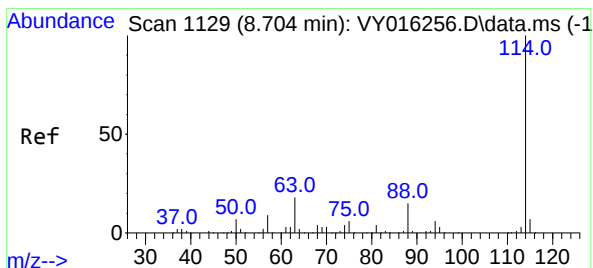
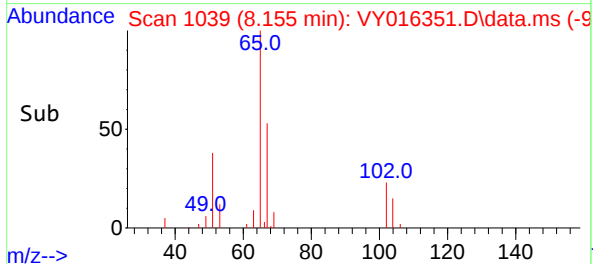
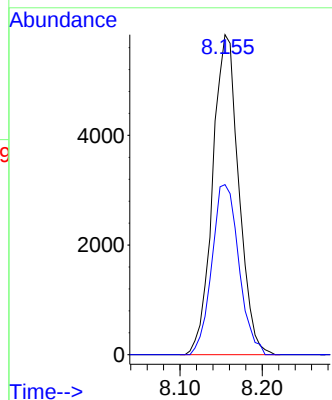
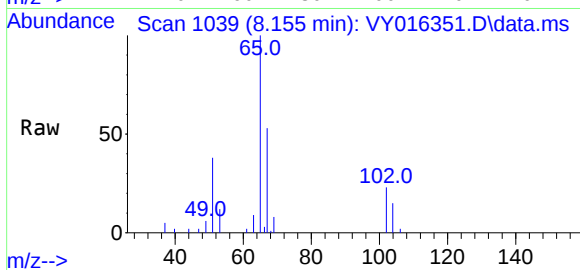
ClientSampleId :

Tgt Ion: 65 Resp: 12853

Ion Ratio Lower Upper

65 100

67 55.0 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: VY016351.D

Acq: 14 Nov 2023 16:05

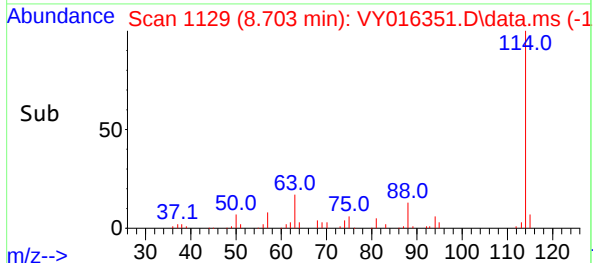
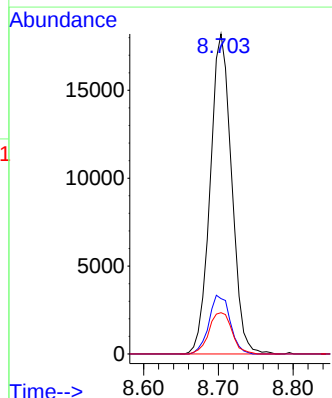
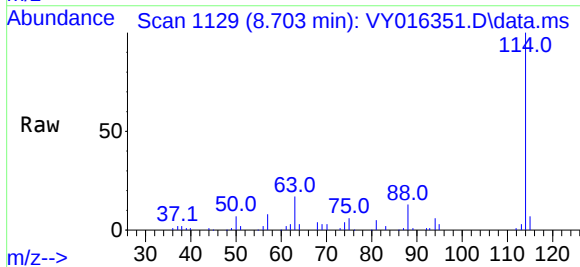
Tgt Ion: 114 Resp: 36319

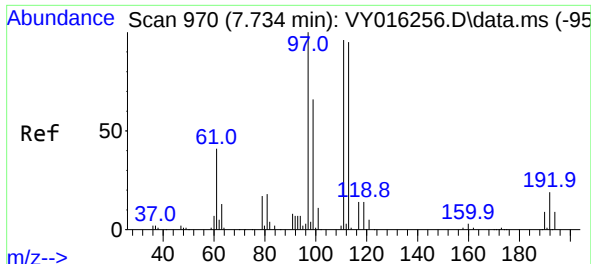
Ion Ratio Lower Upper

114 100

63 17.3 0.0 42.4

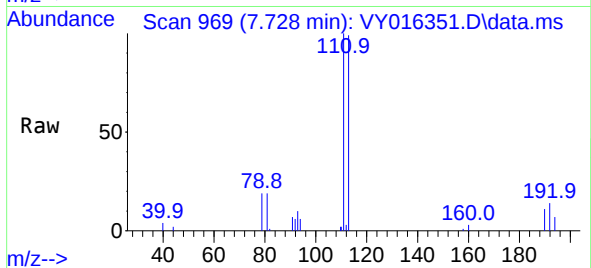
88 12.9 0.0 30.6



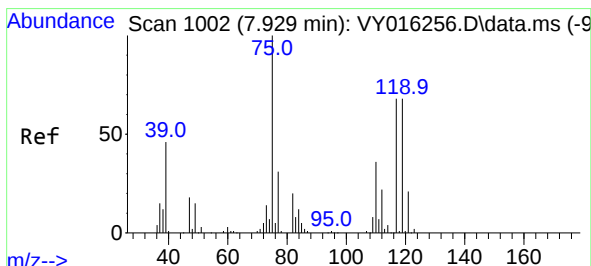
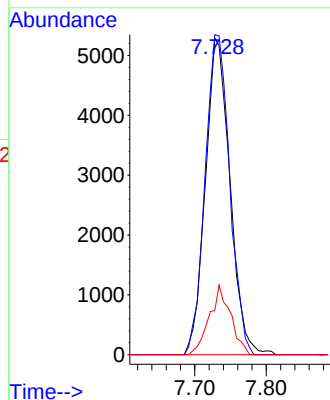
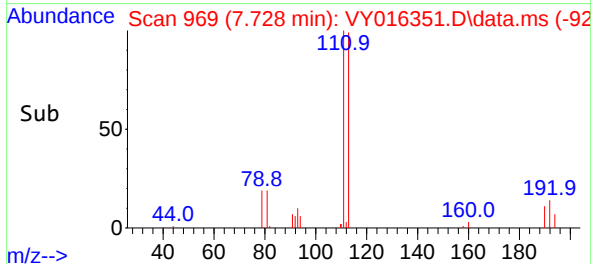


#35
Dibromofluoromethane
Concen: 61.256 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016351.D
Acq: 14 Nov 2023 16:05

Instrument :
MSVOA_Y
ClientSampleId :

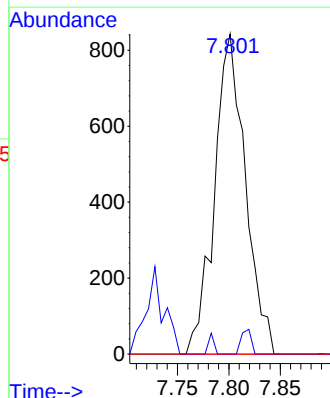
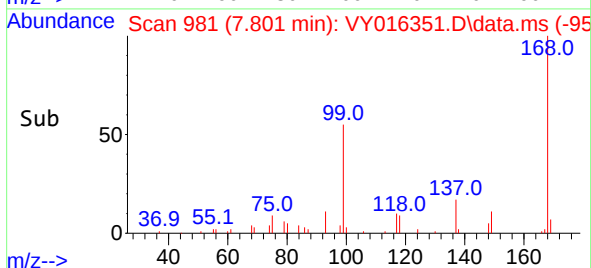
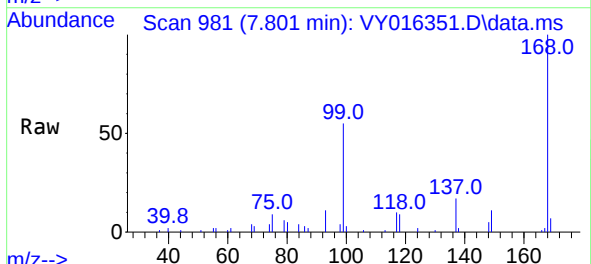


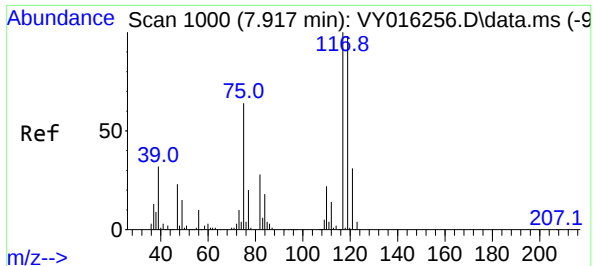
Tgt Ion:113 Resp: 12638
Ion Ratio Lower Upper
113 100
111 100.9 81.3 121.9
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.918 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016351.D
Acq: 14 Nov 2023 16:05

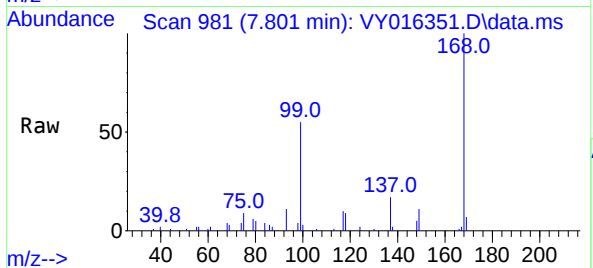
Tgt Ion: 75 Resp: 1762
Ion Ratio Lower Upper
75 100
110 2.5 17.8 53.5#
77 0.0 24.4 36.6#



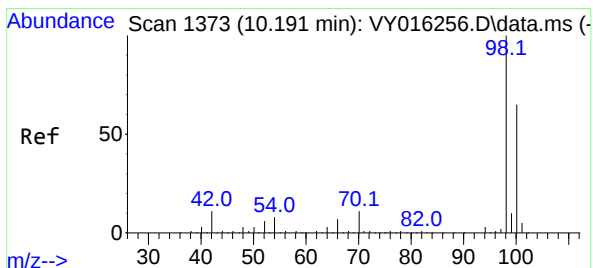
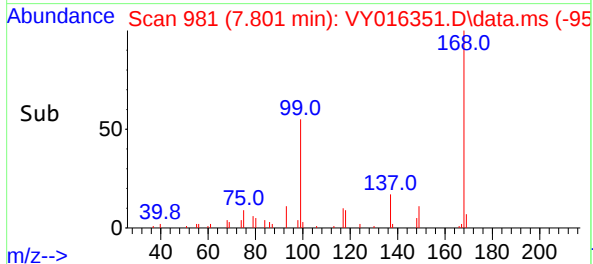
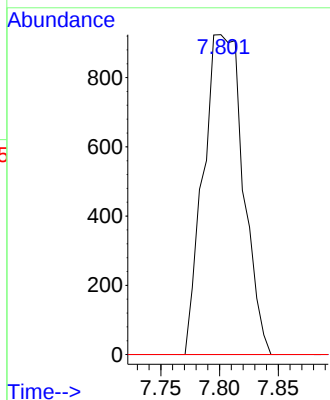


#38
Carbon Tetrachloride
Concen: 5.852 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016351.D
Acq: 14 Nov 2023 16:05

Instrument :
MSVOA_Y
ClientSampleId :

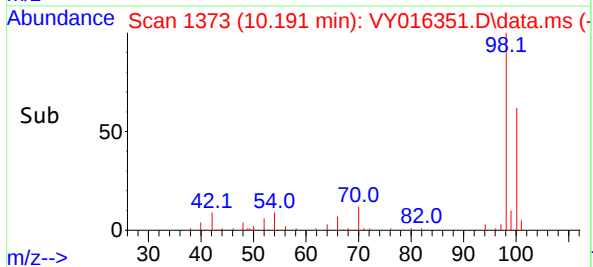
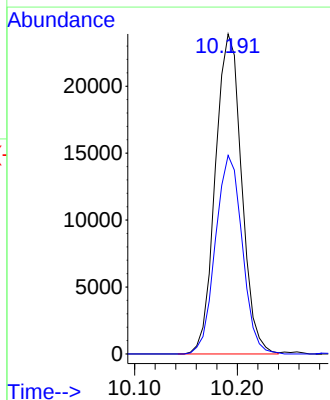
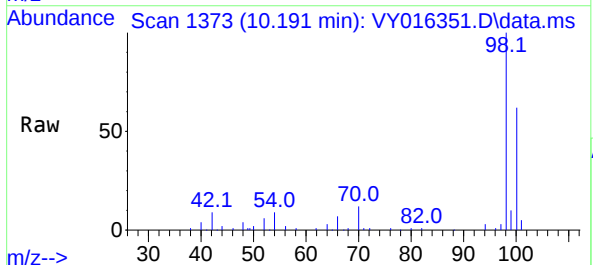


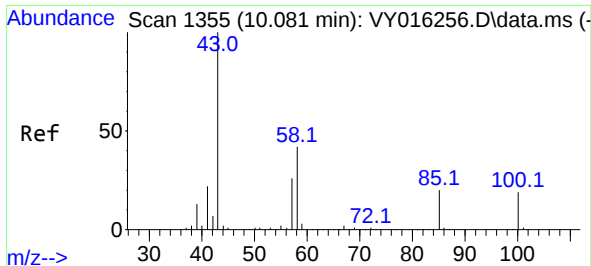
Tgt Ion:117 Resp: 2176
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.669 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016351.D
Acq: 14 Nov 2023 16:05

Tgt Ion: 98 Resp: 42392
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1

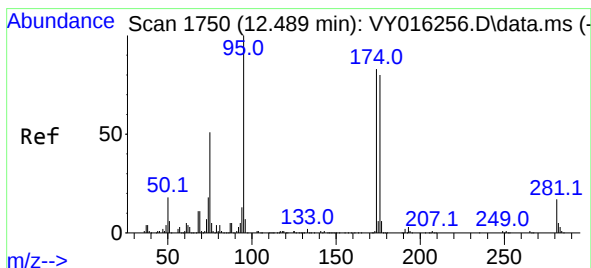
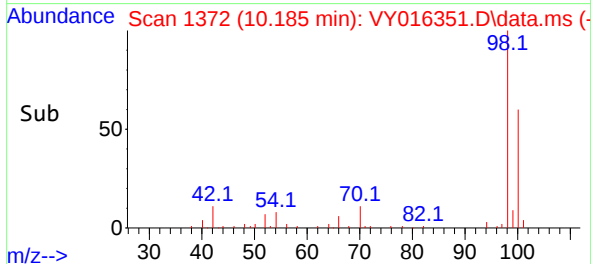
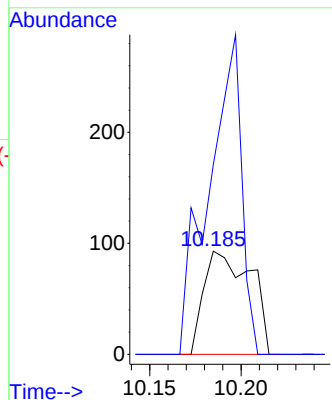
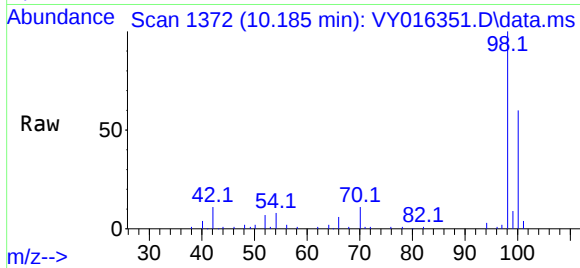




#51
4-Methyl-2-Pentanone
Concen: 1.173 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY016351.D
Acq: 14 Nov 2023 16:05

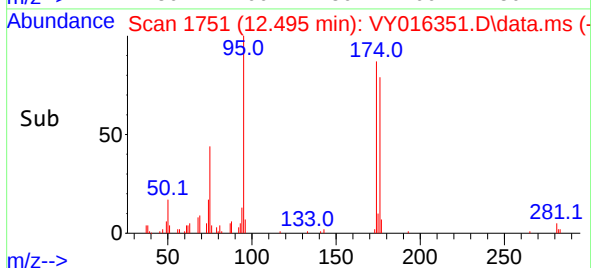
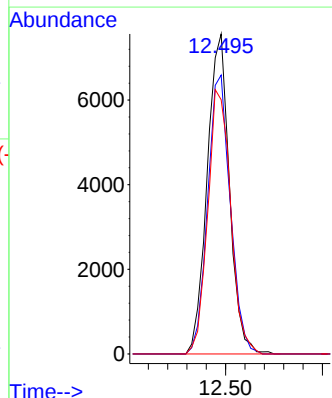
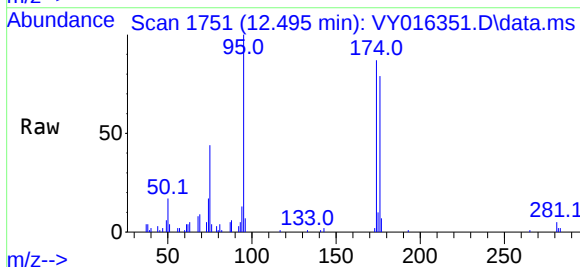
Instrument :
MSVOA_Y
ClientSampleId :

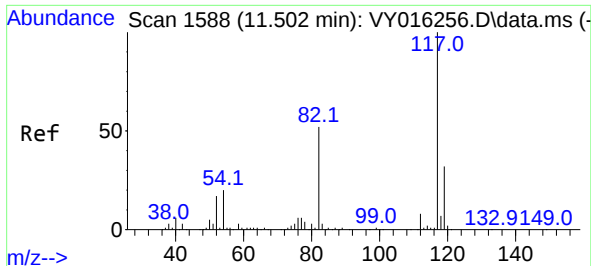
Tgt Ion: 43 Resp: 166
Ion Ratio Lower Upper
43 100
58 217.5 29.0 43.6#



#62
4-Bromofluorobenzene
Concen: 44.515 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016351.D
Acq: 14 Nov 2023 16:05

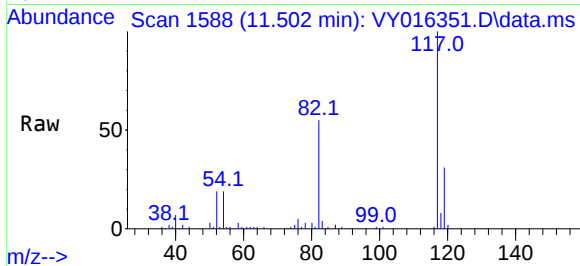
Tgt Ion: 95 Resp: 12096
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.2
176 85.0 0.0 173.8



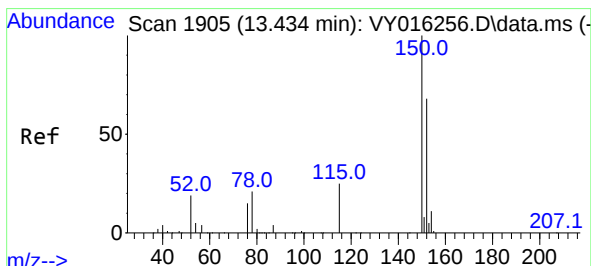
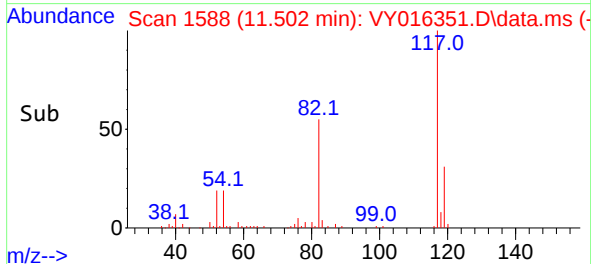
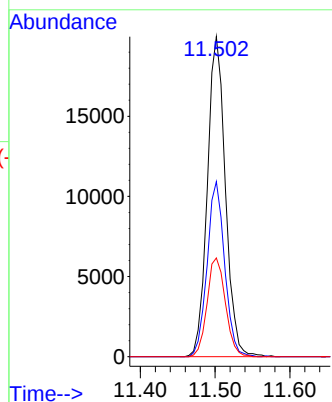


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016351.D
Acq: 14 Nov 2023 16:05

Instrument :
MSVOA_Y
ClientSampleId :

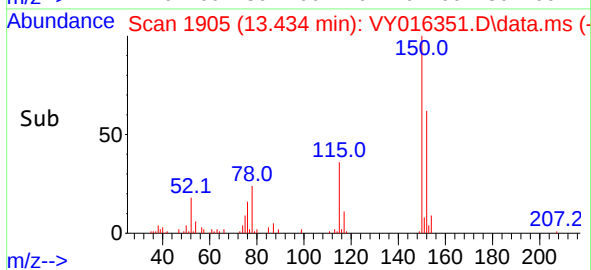
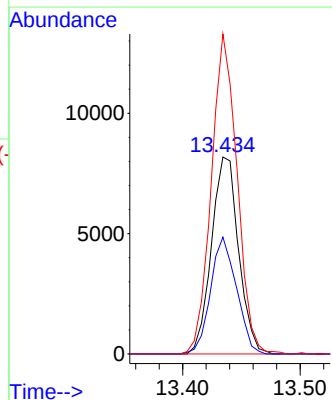
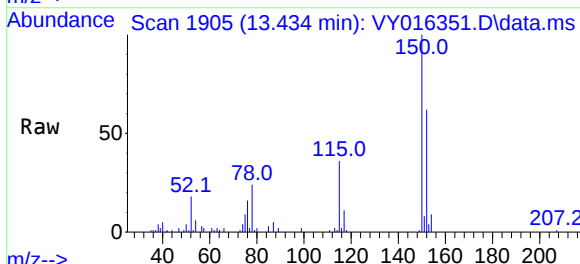


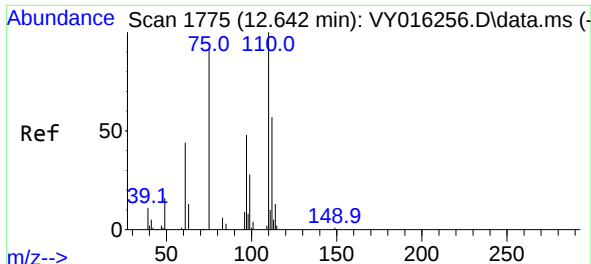
Tgt Ion:117 Resp: 33406
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 30.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016351.D
Acq: 14 Nov 2023 16:05

Tgt Ion:152 Resp: 13121
Ion Ratio Lower Upper
152 100
115 56.7 28.8 86.5
150 154.4 0.0 348.8

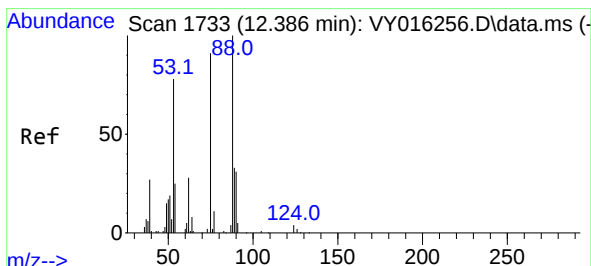
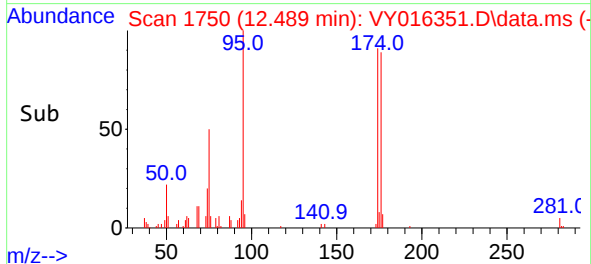
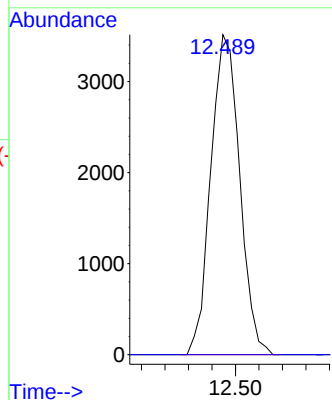
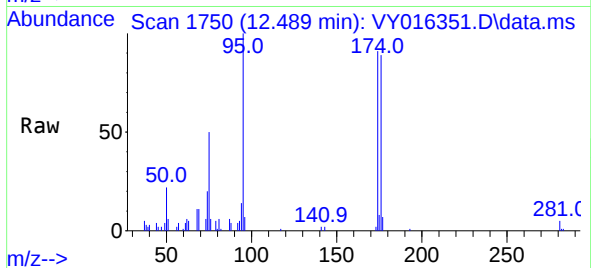




#76
1,2,3-Trichloropropane
Concen: 47.709 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016351.D
Acq: 14 Nov 2023 16:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 6005
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 103.555 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY016351.D
Acq: 14 Nov 2023 16:05

Tgt Ion: 75 Resp: 6005
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.3 37.4 56.0#

