

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016209.D
 Acq On : 03 Nov 2023 12:49
 Operator : SY/MD
 Sample : 05207-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 23:01:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

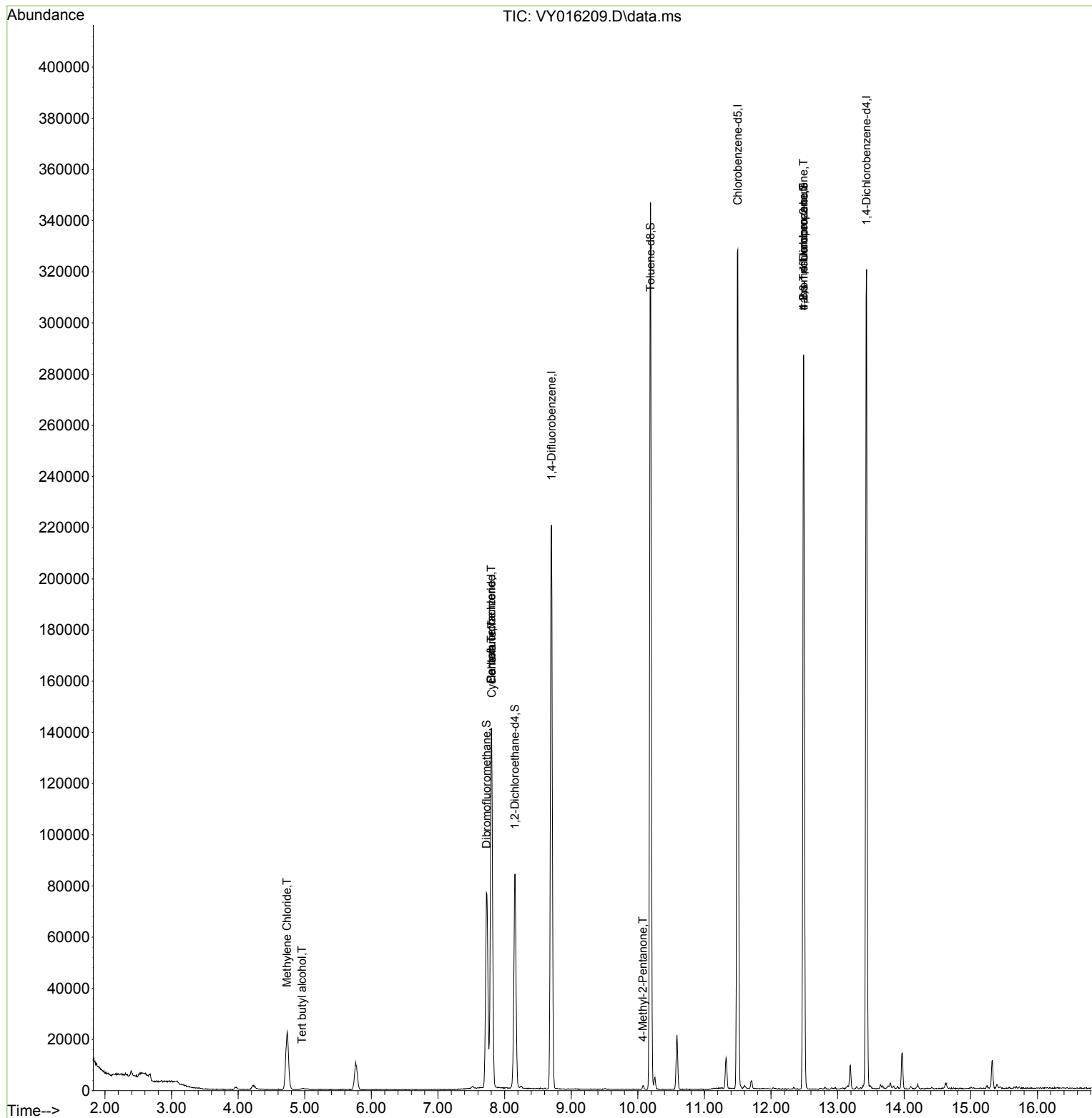
Internal Standards						
1) Pentafluorobenzene	7.801	168	111597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	196108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	184673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	84603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	65042	62.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.580%
35) Dibromofluoromethane	7.728	113	55865	47.783	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.560%
50) Toluene-d8	10.191	98	230355	49.695	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.380%
62) 4-Bromofluorobenzene	12.489	95	79510	50.162	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.320%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	671	8.600	ug/l #	94
16) Acetone	3.960	43	1730	Below Cal	#	87
20) Methylene Chloride	4.735	84	17647	14.449	ug/l #	79
31) Cyclohexane	7.807	56	2361	1.471	ug/l #	1
38) Carbon Tetrachloride	7.801	117	10950	6.547	ug/l #	16
51) 4-Methyl-2-Pentanone	10.075	43	1116	1.504	ug/l	99
76) 1,2,3-Trichloropropane	12.489	75	42397	53.215	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	42397	115.382	ug/l #	11

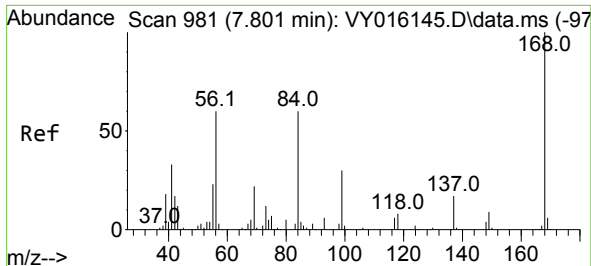
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 03 23:01:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

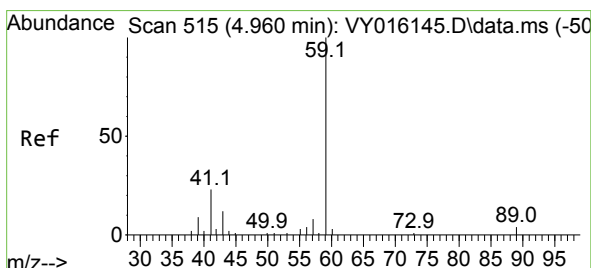
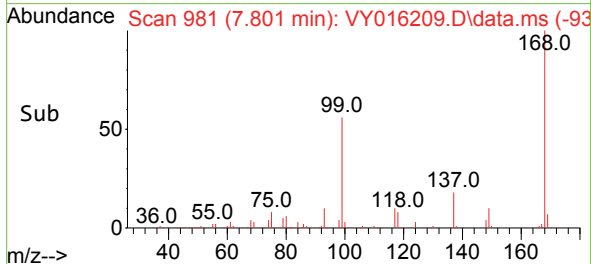
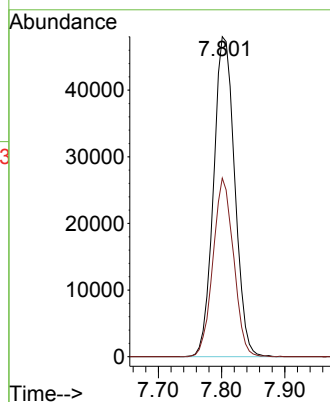
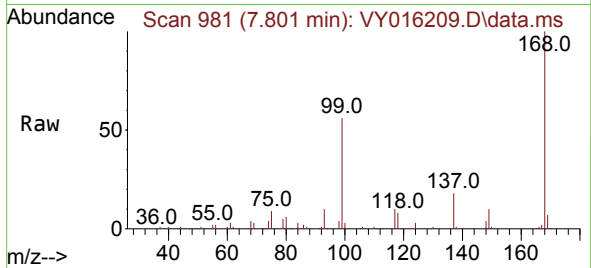




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016209.D
Acq: 03 Nov 2023 12:49

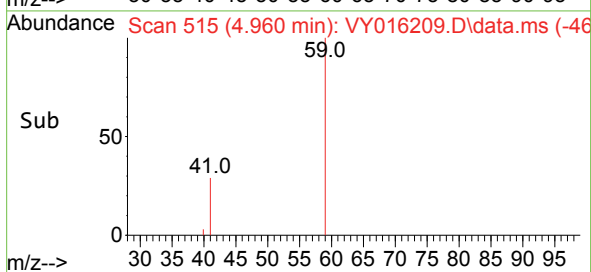
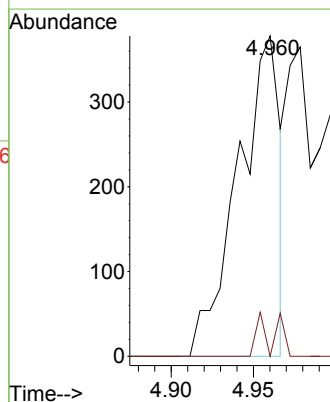
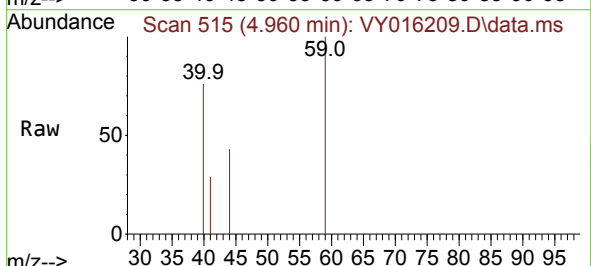
Instrument :
MSVOA_Y
ClientSampleId :

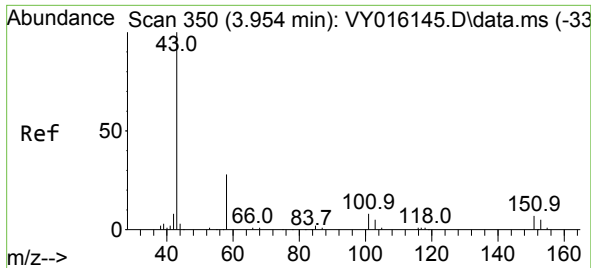
Tgt Ion:168 Resp: 111597
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#11
Tert butyl alcohol
Concen: 8.600 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY016209.D
Acq: 03 Nov 2023 12:49

Tgt Ion: 59 Resp: 671
Ion Ratio Lower Upper
59 100
57 5.7 3.0 4.4#





#16

Acetone

Concen: Below Cal

RT: 3.960 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY016209.D

Acq: 03 Nov 2023 12:49

Instrument :

MSVOA_Y

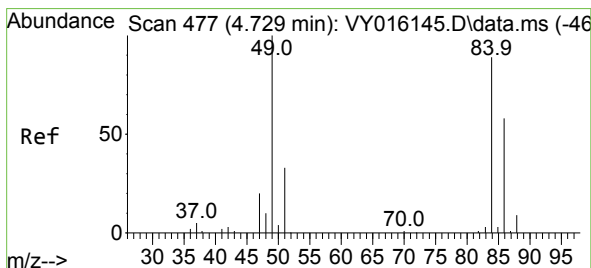
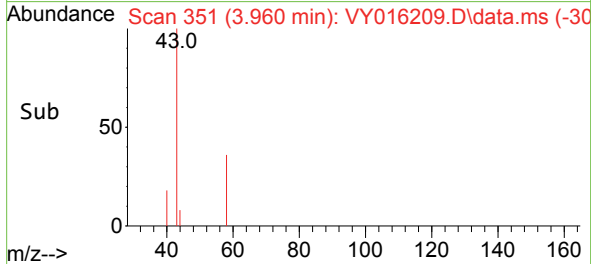
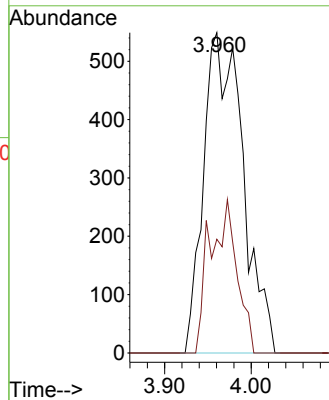
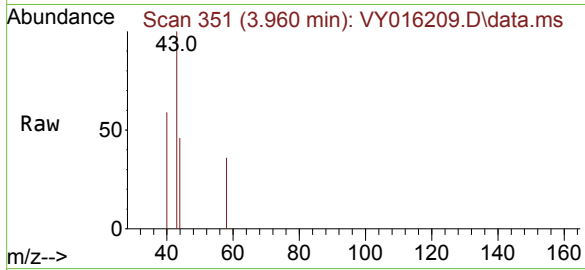
ClientSampleId :

Tgt Ion: 43 Resp: 1730

Ion Ratio Lower Upper

43 100

58 35.5 22.7 34.1#



#20

Methylene Chloride

Concen: 14.449 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.006 min

Lab File: VY016209.D

Acq: 03 Nov 2023 12:49

Tgt Ion: 84 Resp: 17647

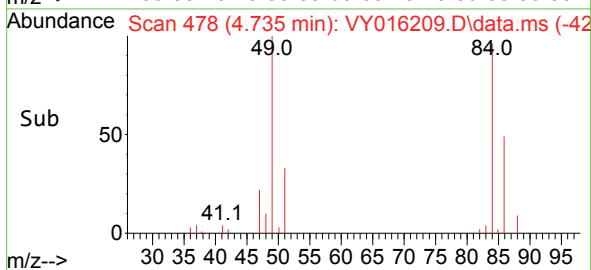
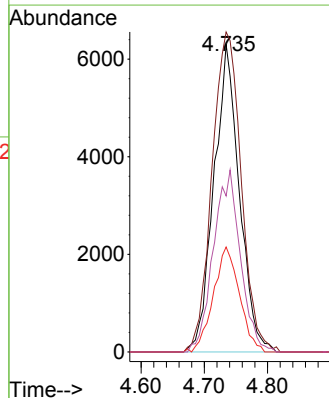
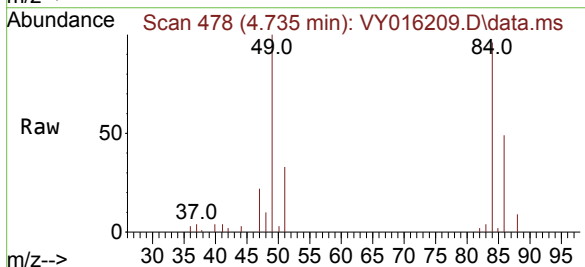
Ion Ratio Lower Upper

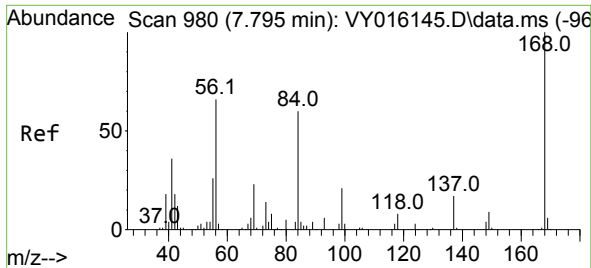
84 100

49 104.0 106.9 160.3#

51 34.1 33.2 49.8

86 50.7 51.0 76.6#

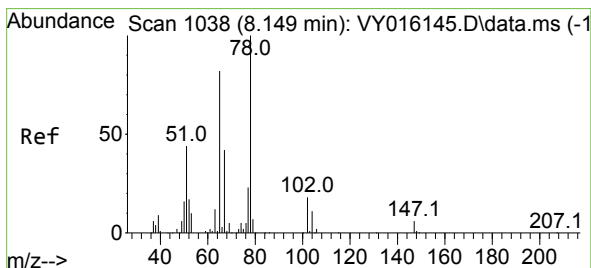
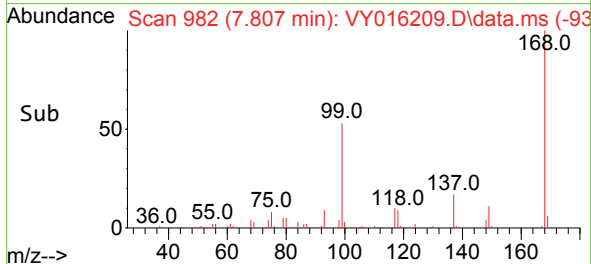
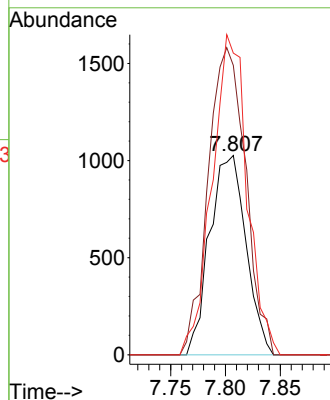
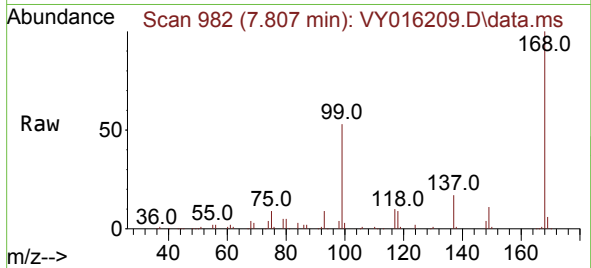




#31
Cyclohexane
Concen: 1.471 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY016209.D
Acq: 03 Nov 2023 12:49

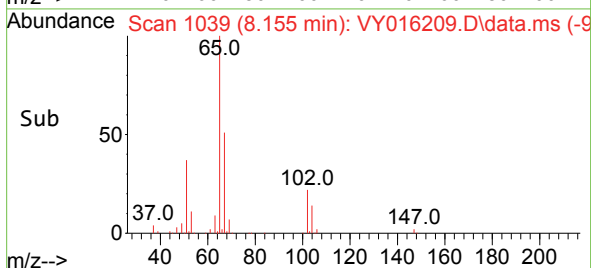
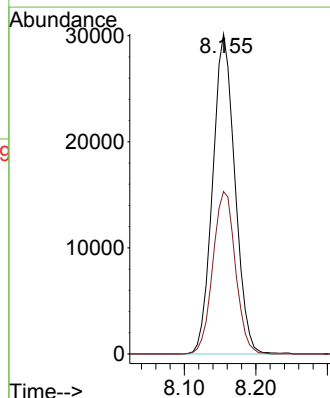
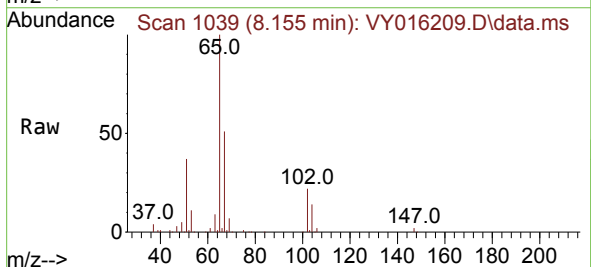
Instrument :
MSVOA_Y
ClientSampleId :

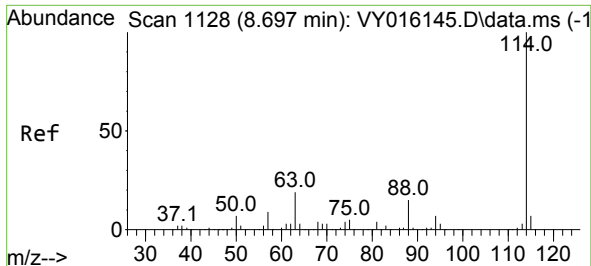
Tgt Ion: 56 Resp: 2361
Ion Ratio Lower Upper
56 100
69 145.2 27.8 41.6#
84 151.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 62.286 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY016209.D
Acq: 03 Nov 2023 12:49

Tgt Ion: 65 Resp: 65042
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8

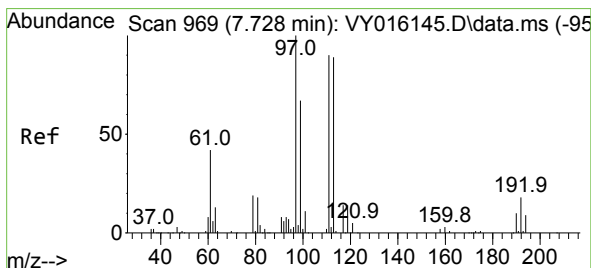
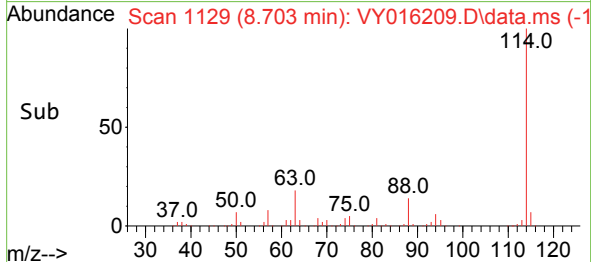
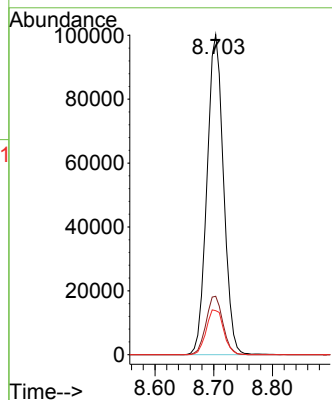
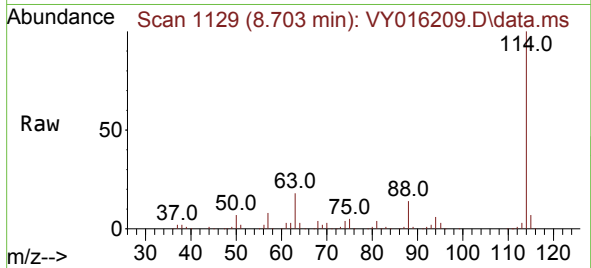




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY016209.D
Acq: 03 Nov 2023 12:49

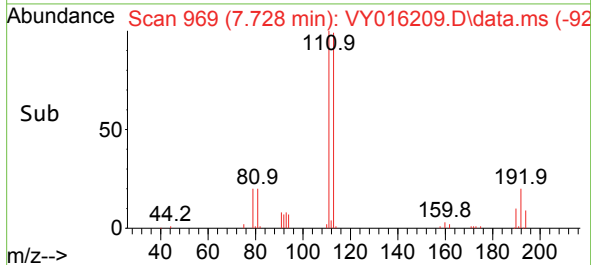
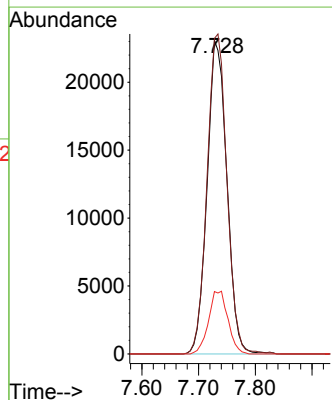
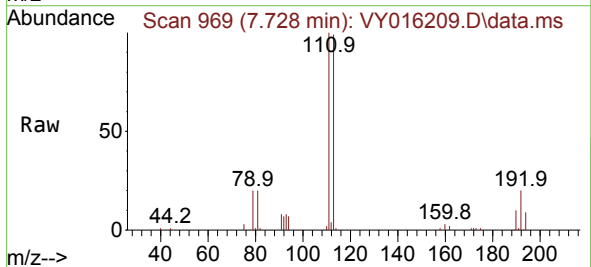
Instrument :
MSVOA_Y
ClientSampleId :

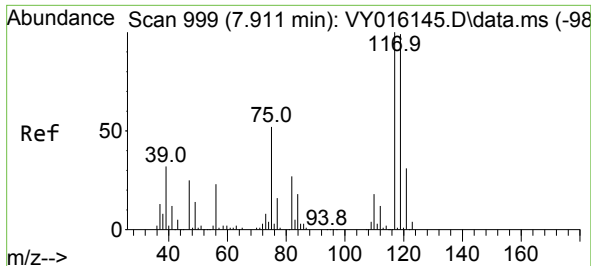
Tgt Ion:114 Resp: 196108
Ion Ratio Lower Upper
114 100
63 18.3 0.0 42.4
88 13.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.783 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY016209.D
Acq: 03 Nov 2023 12:49

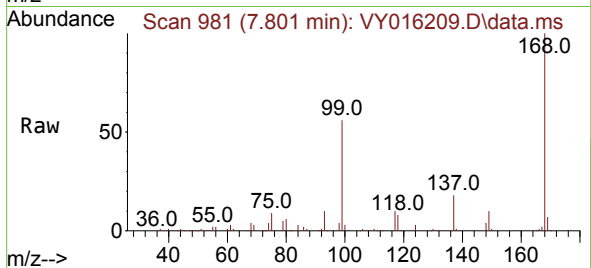
Tgt Ion:113 Resp: 55865
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.7 16.9 25.3



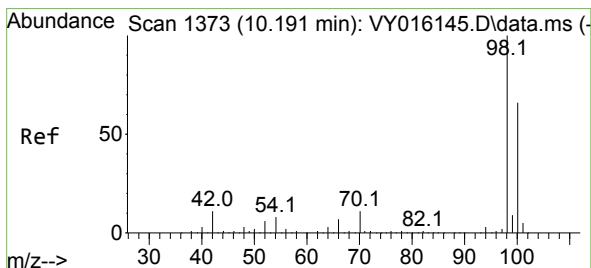
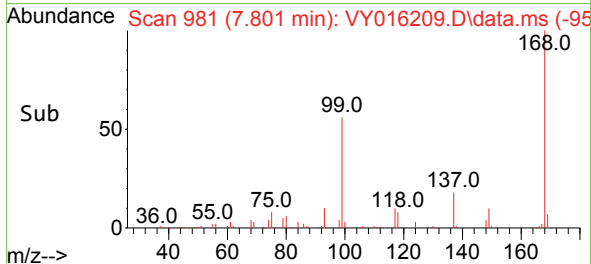
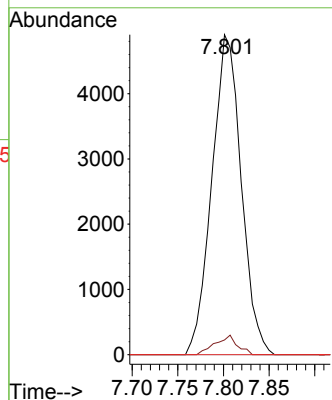


#38
Carbon Tetrachloride
Concen: 6.547 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016209.D
Acq: 03 Nov 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :

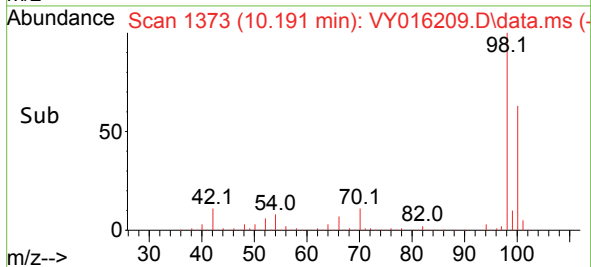
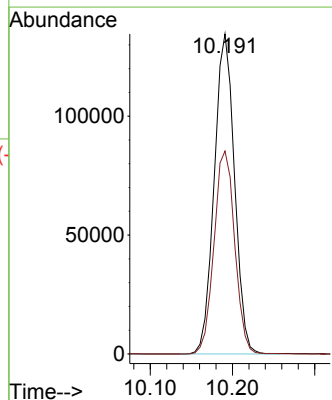
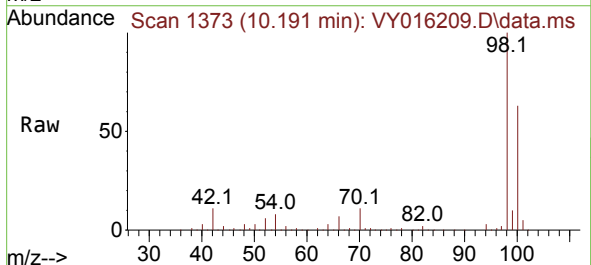


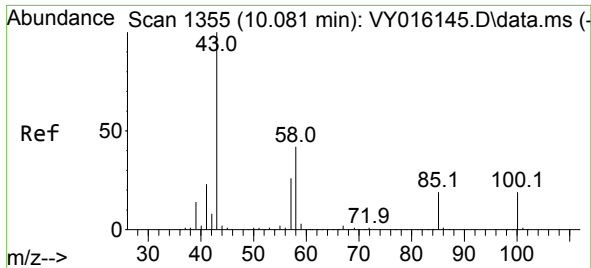
Tgt Ion:117 Resp: 10950
Ion Ratio Lower Upper
117 100
119 4.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.695 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016209.D
Acq: 03 Nov 2023 12:49

Tgt Ion: 98 Resp: 230355
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

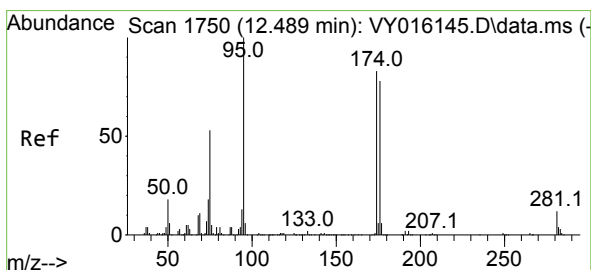
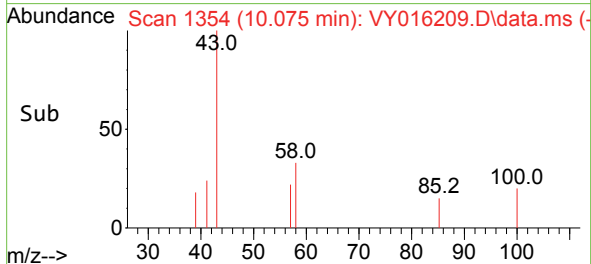
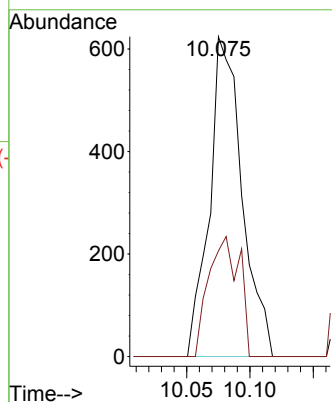
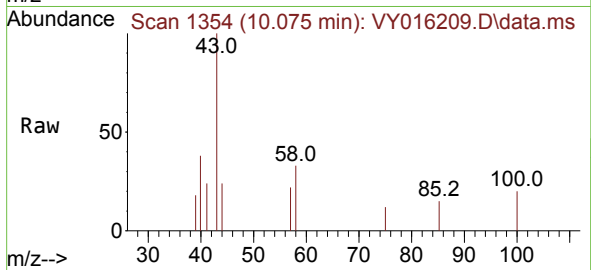




#51
4-Methyl-2-Pentanone
Concen: 1.504 ug/l
RT: 10.075 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VY016209.D
Acq: 03 Nov 2023 12:49

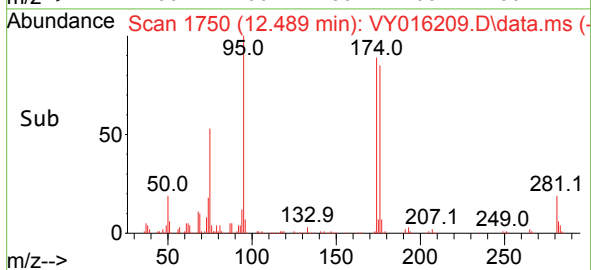
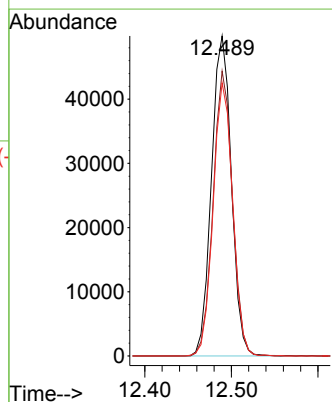
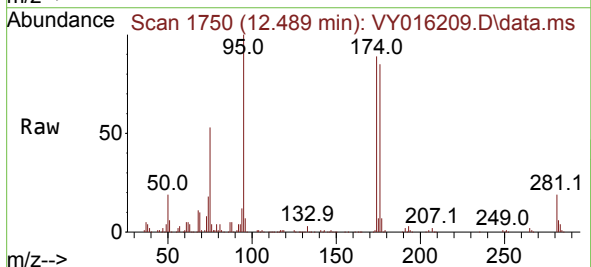
Instrument :
MSVOA_Y
ClientSampleId :

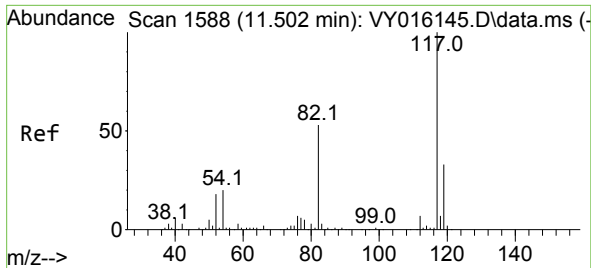
Tgt Ion: 43 Resp: 1116
Ion Ratio Lower Upper
43 100
58 35.5 29.0 43.6



#62
4-Bromofluorobenzene
Concen: 50.162 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016209.D
Acq: 03 Nov 2023 12:49

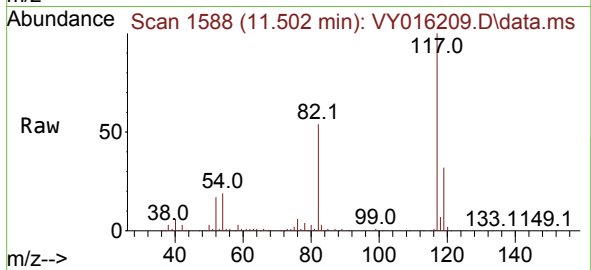
Tgt Ion: 95 Resp: 79510
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 84.1 0.0 173.8



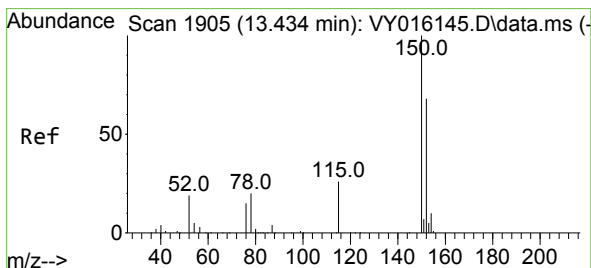
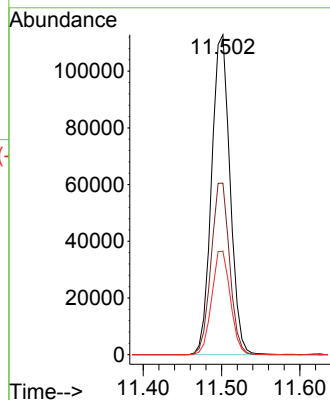
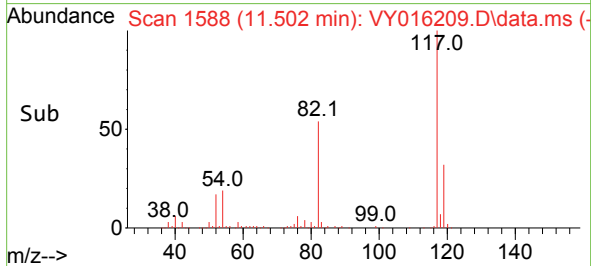


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016209.D
Acq: 03 Nov 2023 12:49

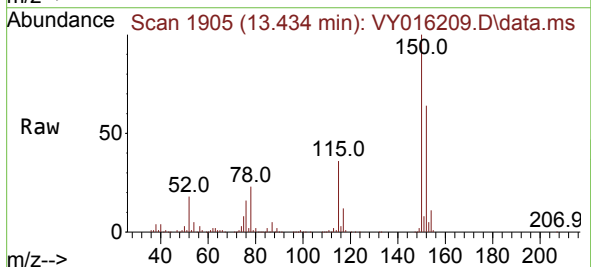
Instrument :
MSVOA_Y
ClientSampleId :



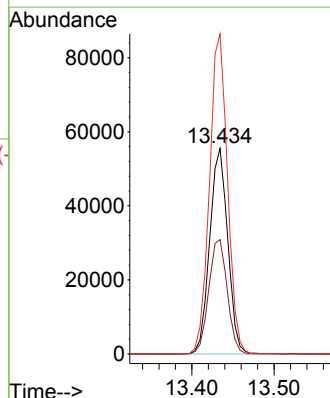
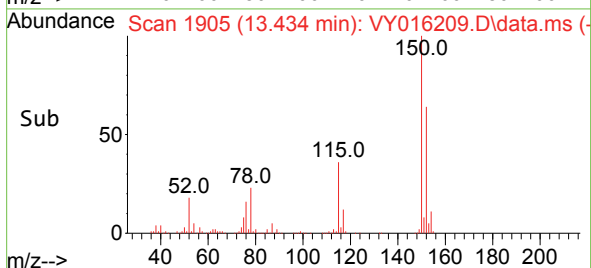
Tgt Ion:117 Resp: 184673
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 32.4 26.3 39.5

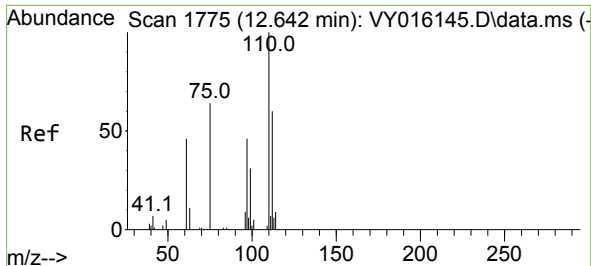


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016209.D
Acq: 03 Nov 2023 12:49



Tgt Ion:152 Resp: 84603
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.5
150 155.2 0.0 348.8

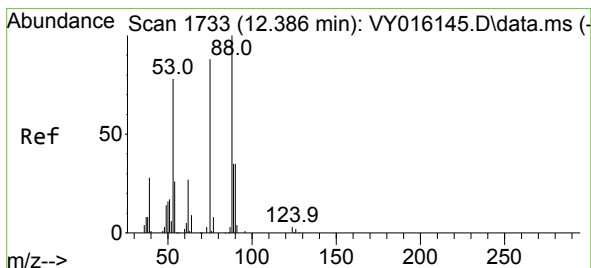
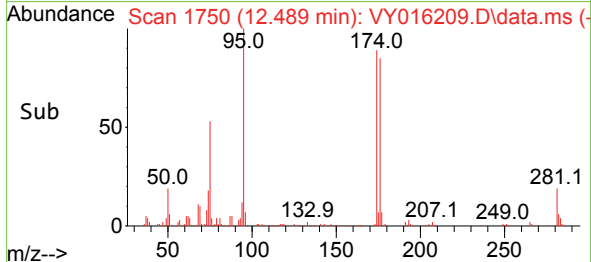
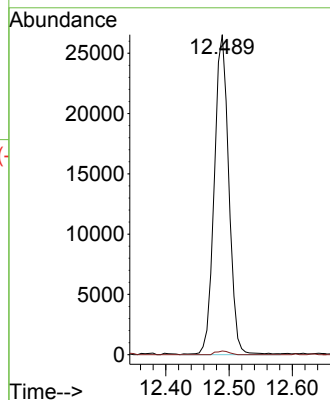
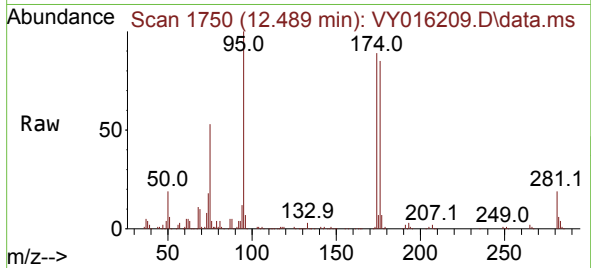




#76
1,2,3-Trichloropropane
Concen: 53.215 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY016209.D
Acq: 03 Nov 2023 12:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 42397
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.382 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016209.D
Acq: 03 Nov 2023 12:49

Tgt Ion: 75 Resp: 42397
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#

