

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014203.D
 Acq On : 16 Jun 2023 15:12
 Operator : KP/MD
 Sample : VY0616SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBL01

Quant Time: Jun 16 23:20:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

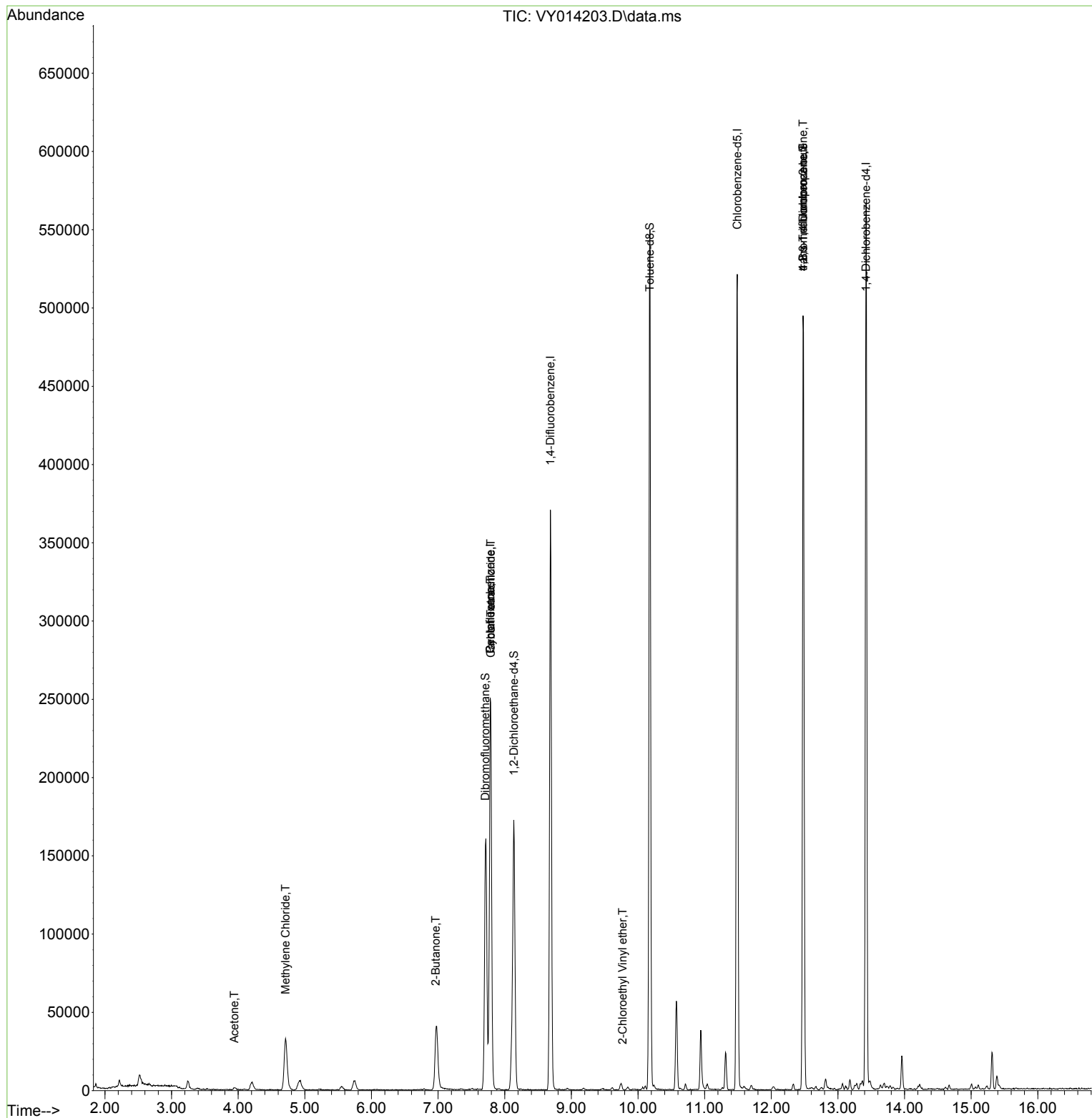
Internal Standards						
1) Pentafluorobenzene	7.783	168	193911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	300168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	282107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	130546	48.346	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.700%		
35) Dibromofluoromethane	7.710	113	111535	52.395	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.800%		
50) Toluene-d8	10.179	98	356253	44.764	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.520%		
62) 4-Bromofluorobenzene	12.477	95	129811	45.917	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.840%		
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	2242	2.755	ug/l	99
20) Methylene Chloride	4.710	84	24830	6.431	ug/l	93
25) 2-Butanone	6.966	43	2565	2.560	ug/l #	74
31) Cyclohexane	7.783	56	4603	1.273	ug/l #	15
38) Carbon Tetrachloride	7.789	117	18902	4.936	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.770	63	80	28.676	ug/l #	48
76) 1,2,3-Trichloropropane	12.477	75	70722	37.107	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	70722	80.210	ug/l #	11

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

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VY0616SBL01

Quant Time: Jun 16 23:20:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

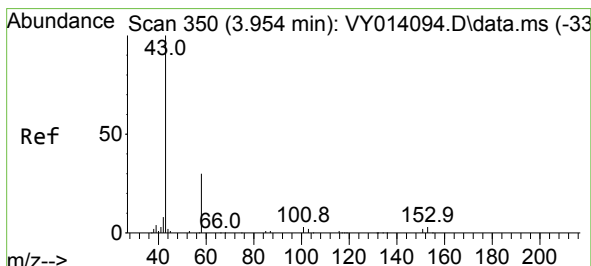
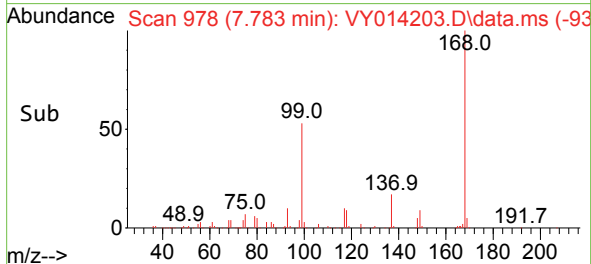
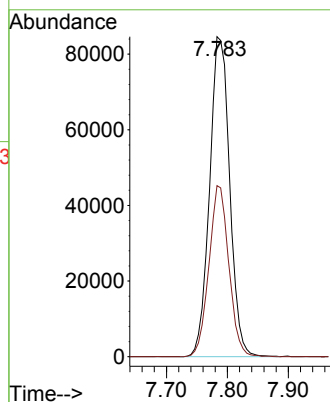
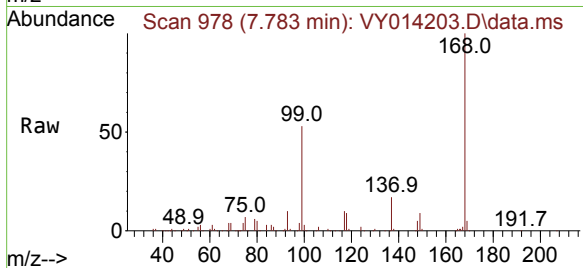




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014203.D
Acq: 16 Jun 2023 15:12

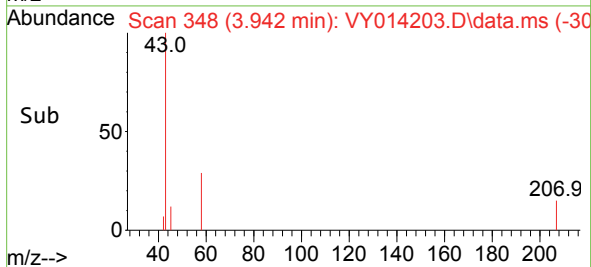
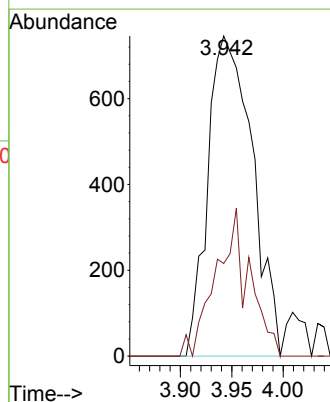
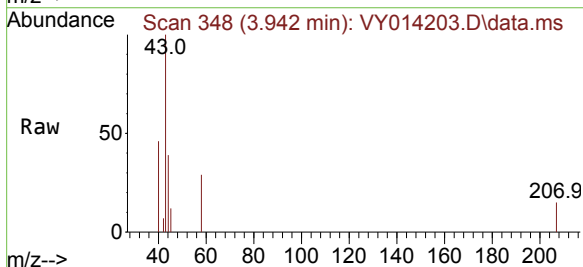
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBL01

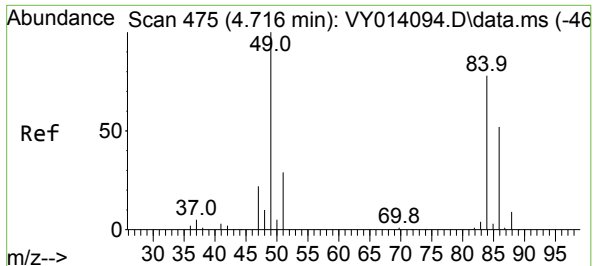
Tgt Ion:168 Resp: 193911
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#16
Acetone
Concen: 2.755 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014203.D
Acq: 16 Jun 2023 15:12

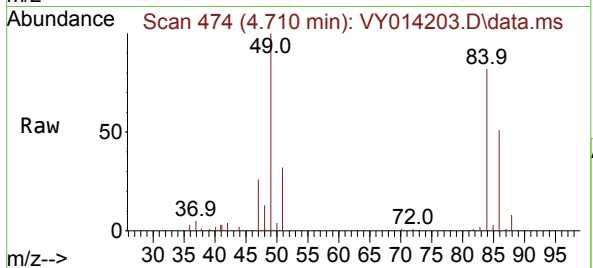
Tgt Ion: 43 Resp: 2242
Ion Ratio Lower Upper
43 100
58 29.0 22.7 34.1



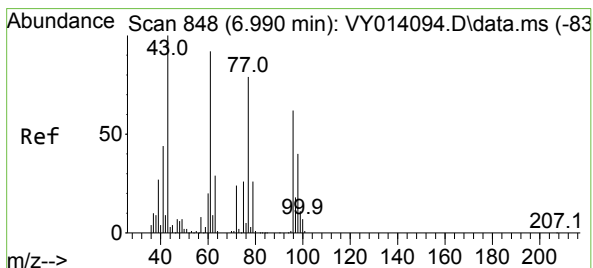
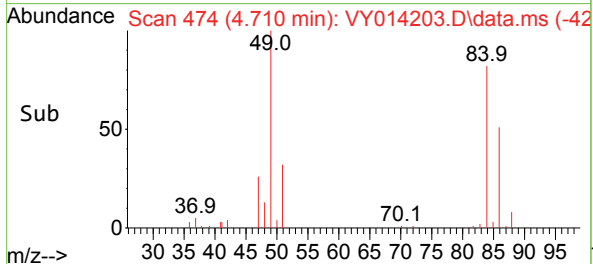
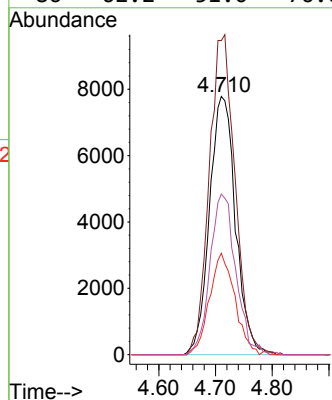


#20
Methylene Chloride
Concen: 6.431 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014203.D
Acq: 16 Jun 2023 15:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBL01

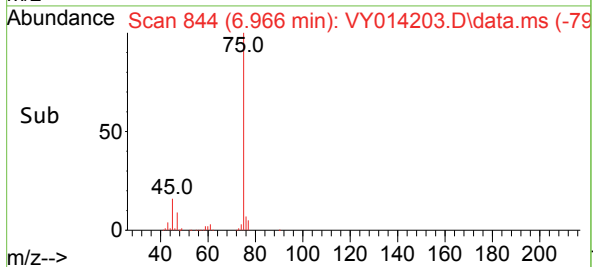
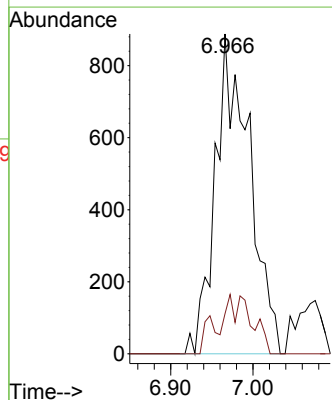
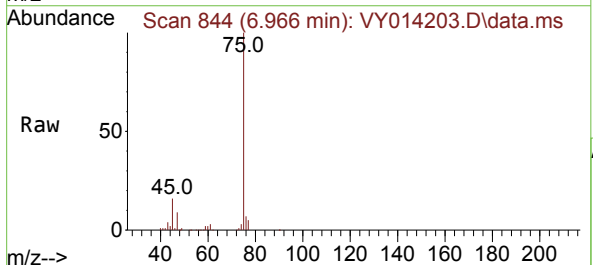


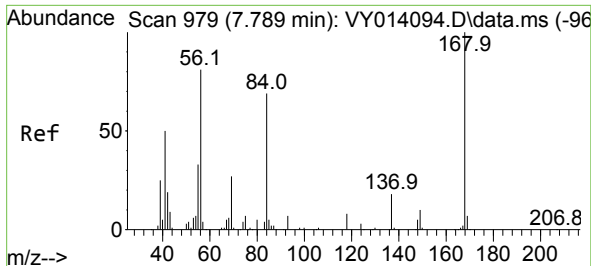
Tgt Ion:	84	Resp:	24830
Ion	Ratio	Lower	Upper
84	100		
49	121.6	106.9	160.3
51	39.3	33.2	49.8
86	62.2	51.0	76.6



#25
2-Butanone
Concen: 2.560 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.024 min
Lab File: VY014203.D
Acq: 16 Jun 2023 15:12

Tgt Ion:	43	Resp:	2565
Ion	Ratio	Lower	Upper
43	100		
72	12.5	20.5	30.7#

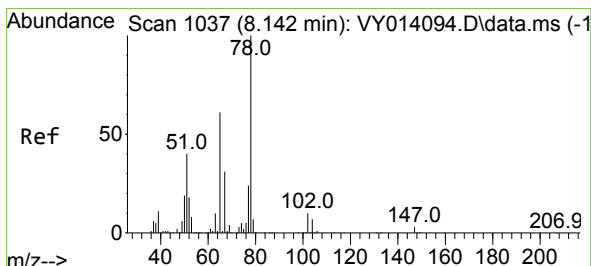
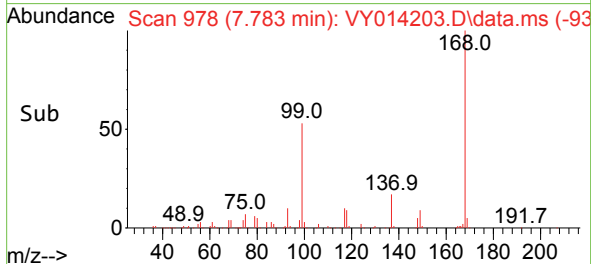
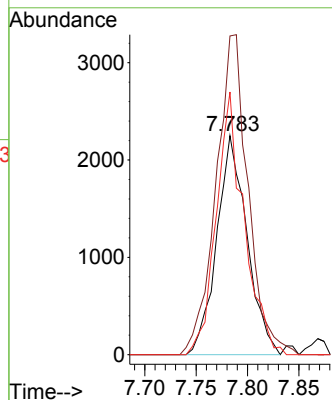
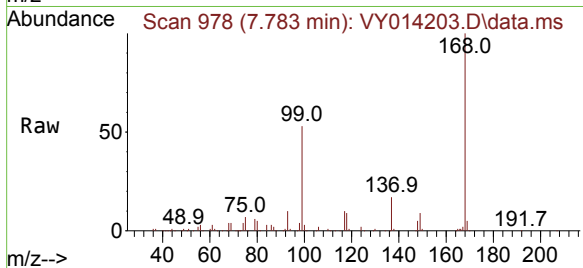




#31
Cyclohexane
Concen: 1.273 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014203.D
Acq: 16 Jun 2023 15:12

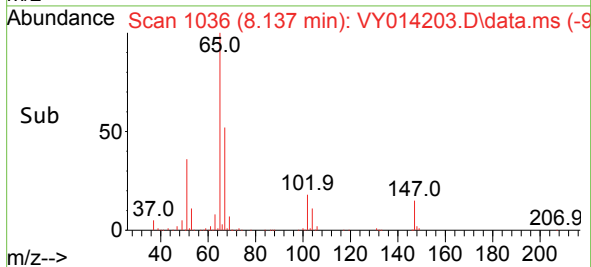
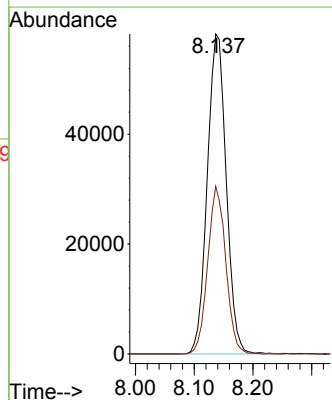
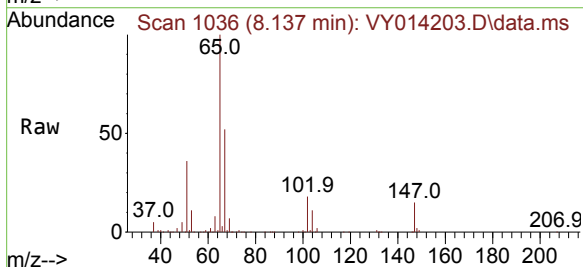
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBL01

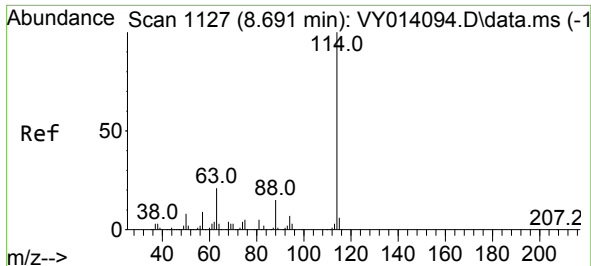
Tgt Ion: 56 Resp: 4603
Ion Ratio Lower Upper
56 100
69 145.6 27.8 41.6#
84 120.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 48.346 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014203.D
Acq: 16 Jun 2023 15:12

Tgt Ion: 65 Resp: 130546
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.8

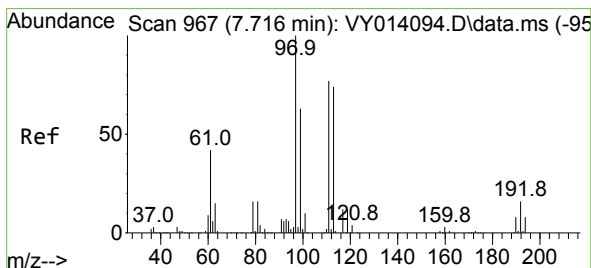
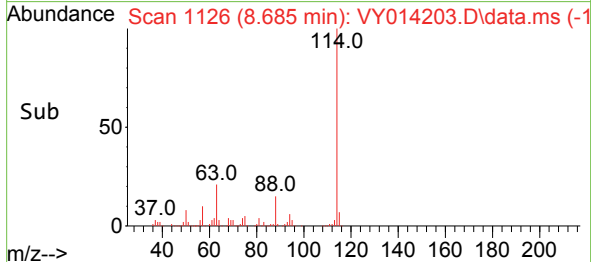
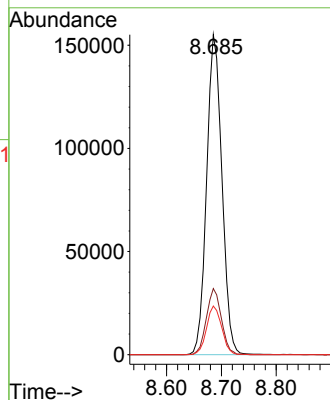
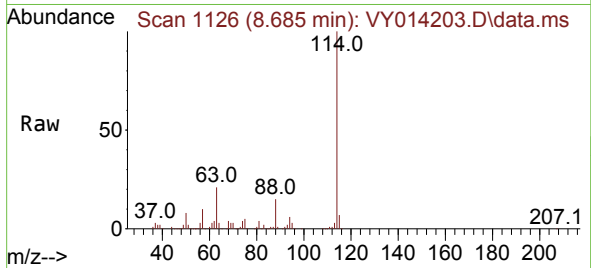




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY014203.D
Acq: 16 Jun 2023 15:12

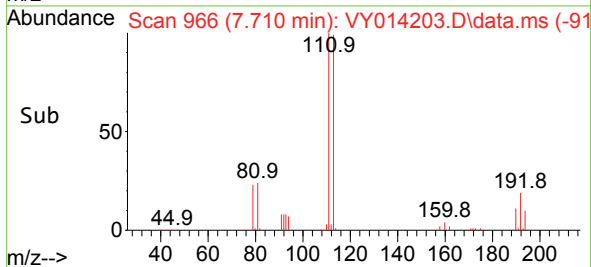
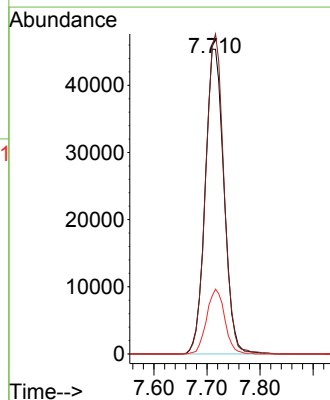
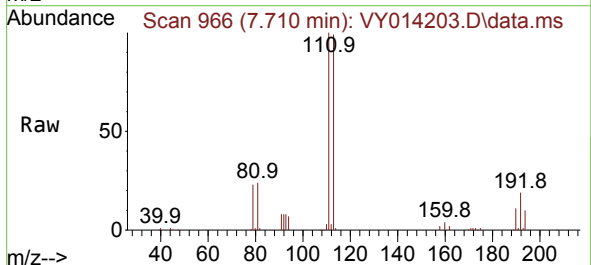
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBL01

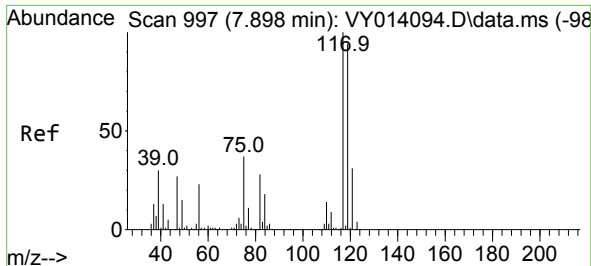
Tgt Ion:114 Resp: 300168
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.395 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014203.D
Acq: 16 Jun 2023 15:12

Tgt Ion:113 Resp: 111535
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 20.6 16.9 25.3

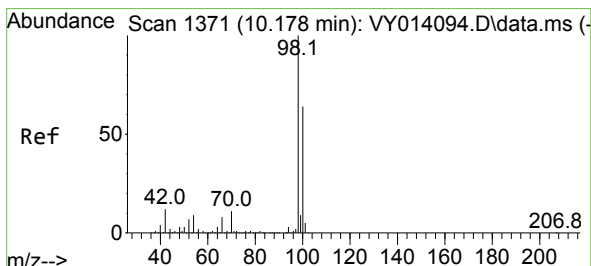
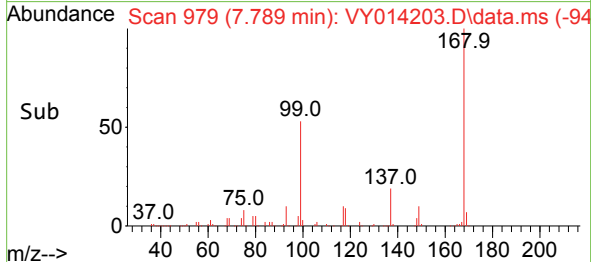
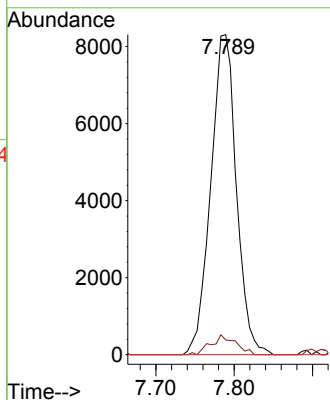
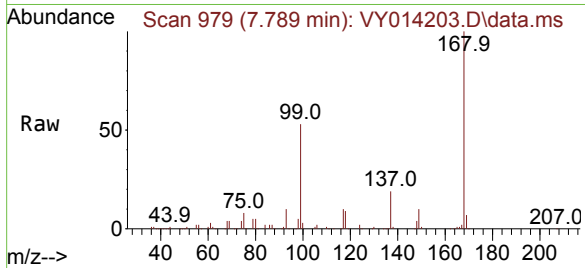




#38
Carbon Tetrachloride
Concen: 4.936 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014203.D
Acq: 16 Jun 2023 15:12

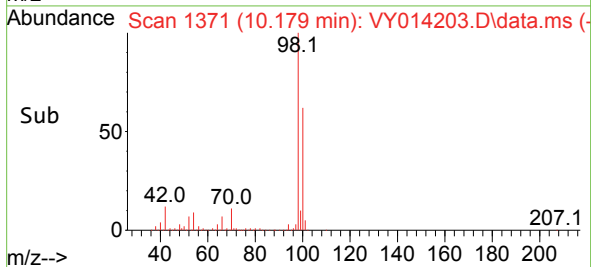
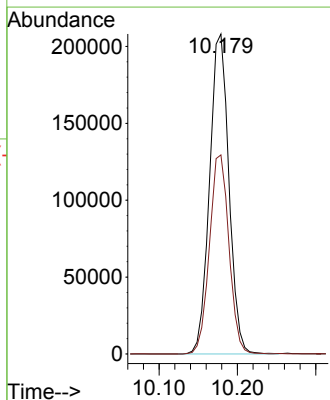
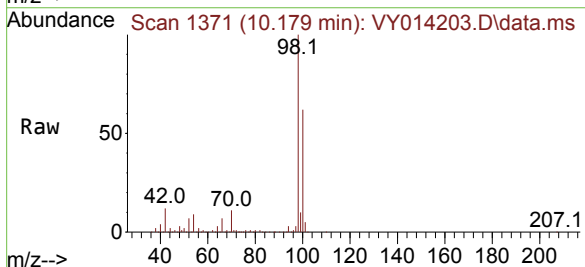
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBL01

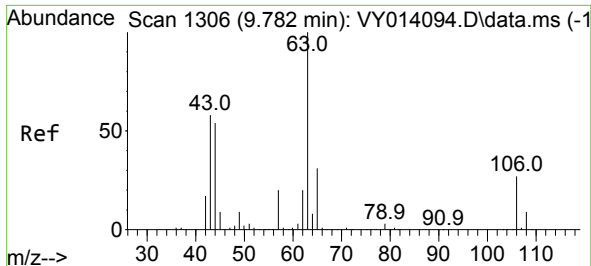
Tgt Ion:117 Resp: 18902
Ion Ratio Lower Upper
117 100
119 4.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 44.764 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014203.D
Acq: 16 Jun 2023 15:12

Tgt Ion: 98 Resp: 356253
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1

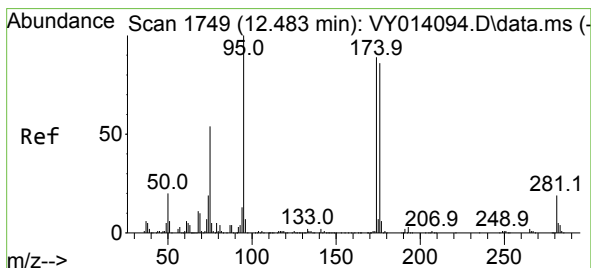
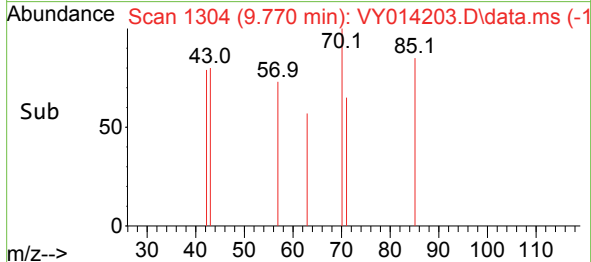
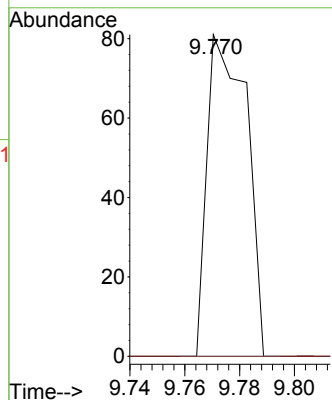
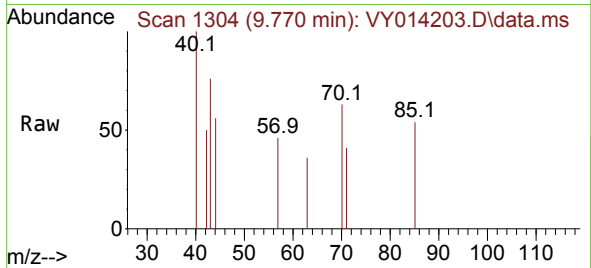




#58
2-Chloroethyl Vinyl ether
Concen: 28.676 ug/l
RT: 9.770 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014203.D
Acq: 16 Jun 2023 15:12

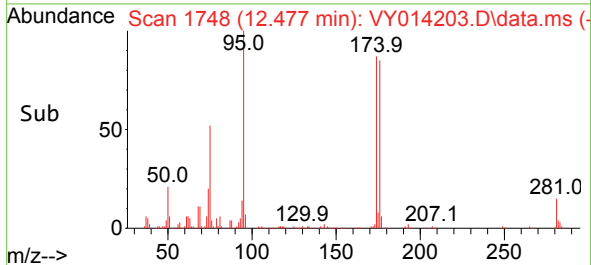
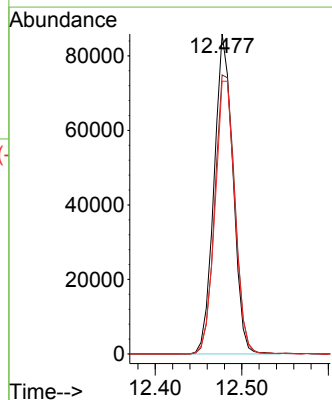
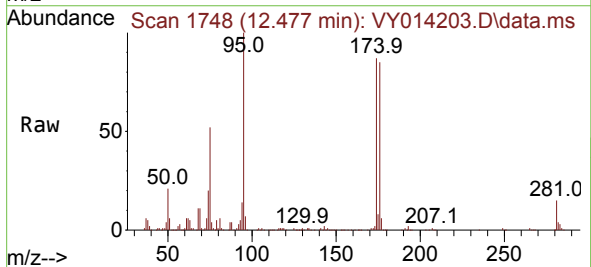
Instrument :
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VY0616SBL01

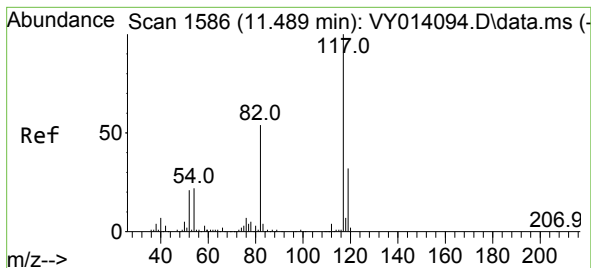
Tgt Ion: 63 Resp: 80
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#



#62
4-Bromofluorobenzene
Concen: 45.917 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014203.D
Acq: 16 Jun 2023 15:12

Tgt Ion: 95 Resp: 129811
Ion Ratio Lower Upper
95 100
174 93.0 0.0 178.2
176 90.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014203.D

Acq: 16 Jun 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBL01

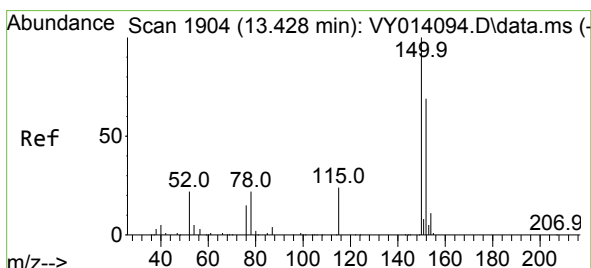
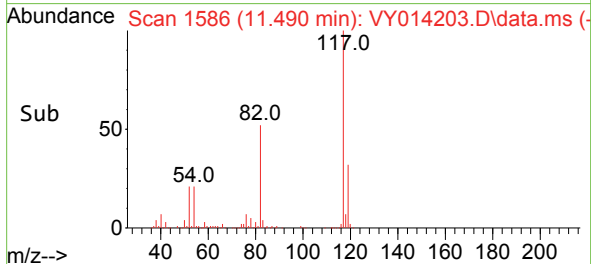
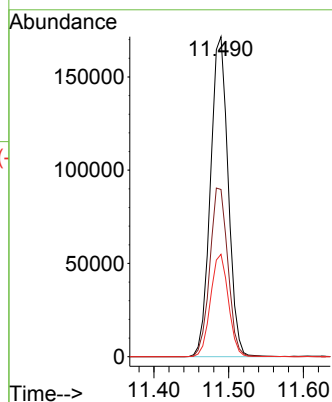
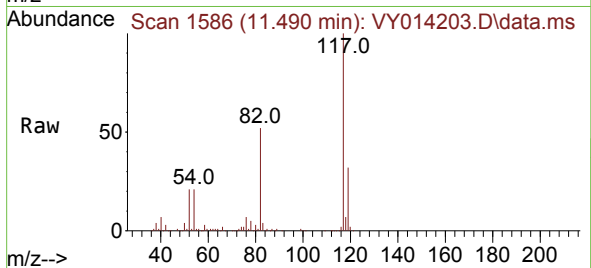
Tgt Ion:117 Resp: 282107

Ion Ratio Lower Upper

117 100

82 52.3 43.4 65.0

119 32.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014203.D

Acq: 16 Jun 2023 15:12

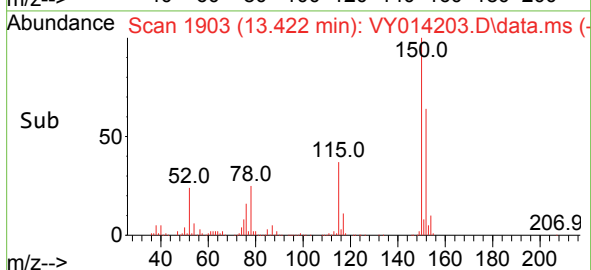
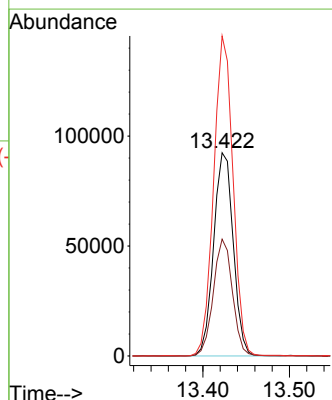
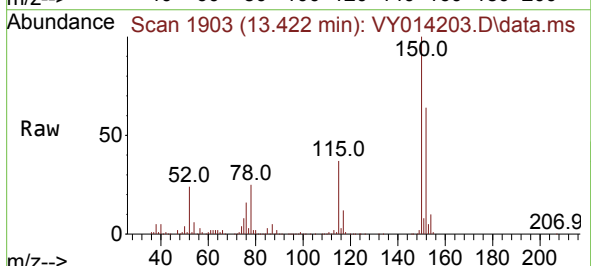
Tgt Ion:152 Resp: 145270

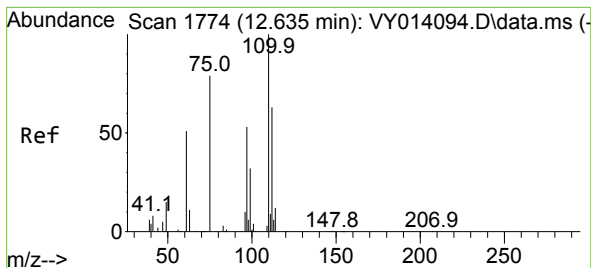
Ion Ratio Lower Upper

152 100

115 56.1 28.8 86.5

150 155.6 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 37.107 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY014203.D

Acq: 16 Jun 2023 15:12

Instrument :

MSVOA_Y

ClientSampleId :

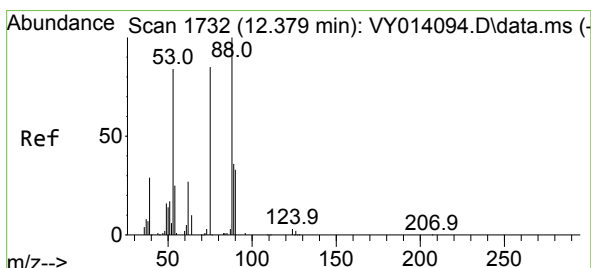
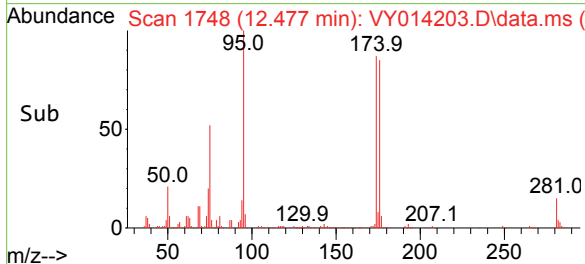
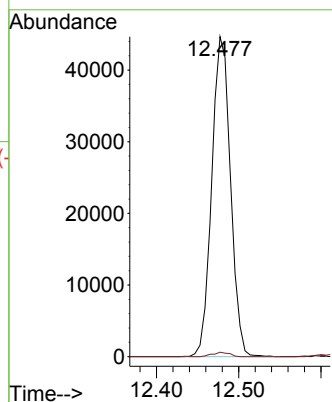
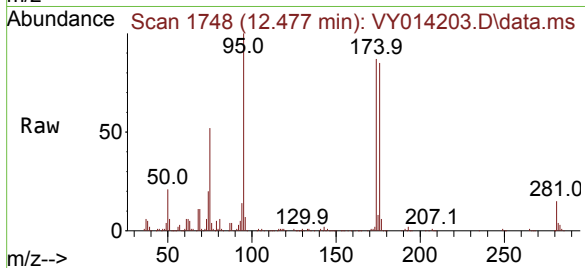
VY0616SBL01

Tgt Ion: 75 Resp: 70722

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.210 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY014203.D

Acq: 16 Jun 2023 15:12

Tgt Ion: 75 Resp: 70722

Ion Ratio Lower Upper

75 100

53 0.2 77.8 116.8#

89 0.4 37.4 56.0#

