

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016277.D
 Acq On : 09 Nov 2023 13:26
 Operator : SY/MD
 Sample : 05293-03
 Misc : 6.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 22:57:56 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)

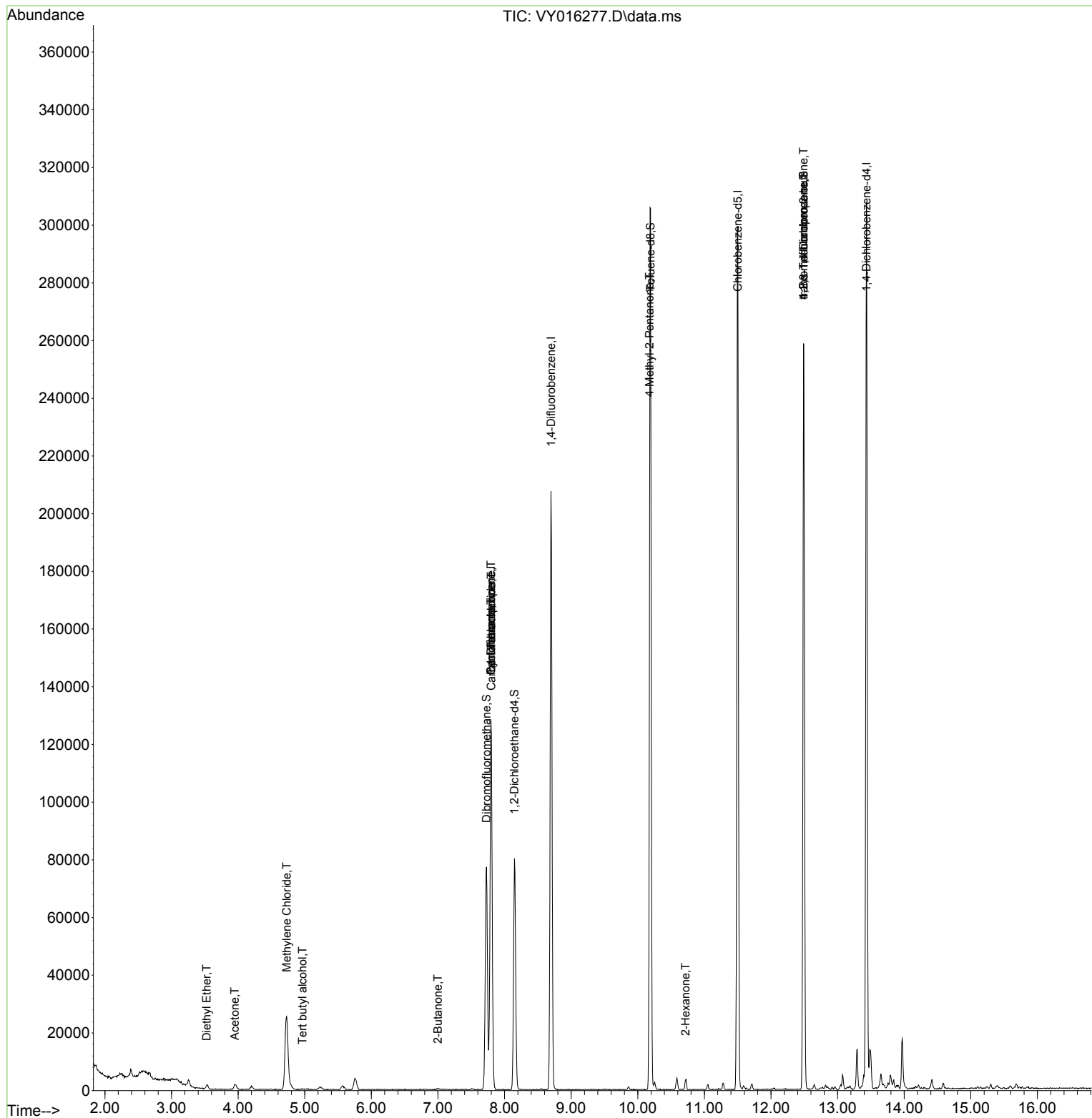
Internal Standards						
1) Pentafluorobenzene	7.795	168	99320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	176244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	171551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	80567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61554	67.810	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.620%			
35) Dibromofluoromethane	7.728	113	54375	54.311	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.620%			
50) Toluene-d8	10.191	98	208961	51.468	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.940%			
62) 4-Bromofluorobenzene	12.489	95	73615	55.827	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.660%			
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.528	74	893	1.677	ug/l	51
11) Tert butyl alcohol	4.966	59	298	4.192	ug/l #	89
16) Acetone	3.948	43	3533	23.529	ug/l	92
20) Methylene Chloride	4.729	84	20322	16.851	ug/l	90
25) 2-Butanone	6.997	43	659	2.506	ug/l	98
31) Cyclohexane	7.795	56	1943	1.087	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7525	4.329	ug/l #	49
38) Carbon Tetrachloride	7.801	117	9696	5.374	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	903	1.315	ug/l #	1
59) 2-Hexanone	10.715	43	1534	3.004	ug/l #	27
76) 1,2,3-Trichloropropane	12.489	75	38098	49.294	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	38098	106.997	ug/l #	11

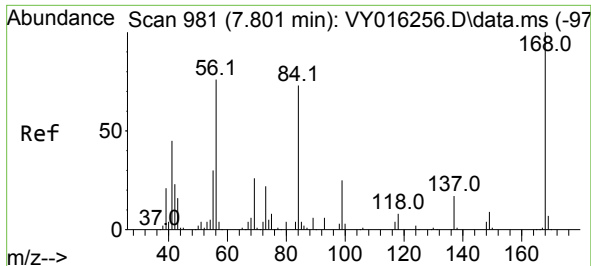
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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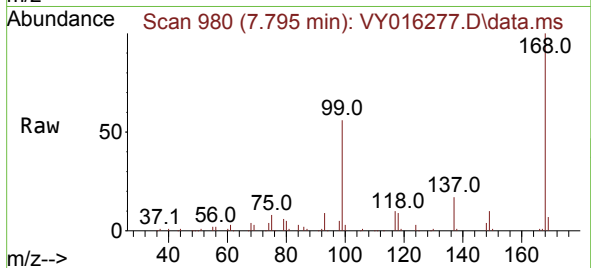
Quant Time: Nov 09 22:57:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
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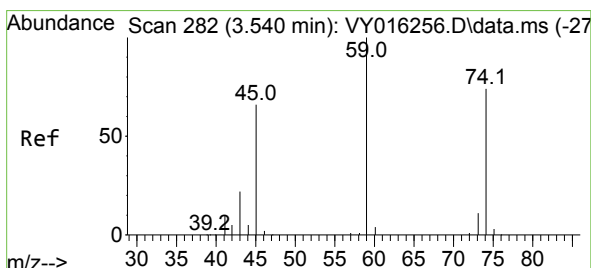
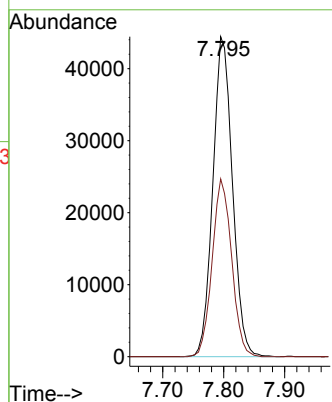
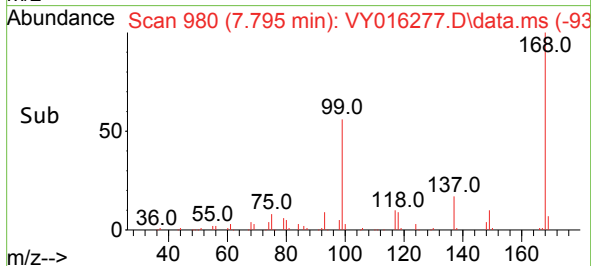


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016277.D
Acq: 09 Nov 2023 13:26

Instrument :
MSVOA_Y
ClientSampleId :

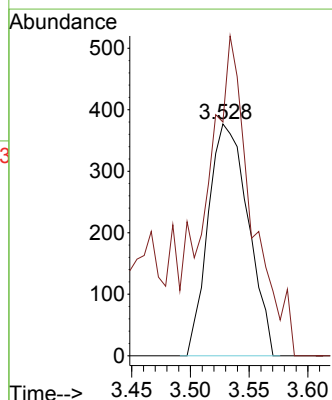
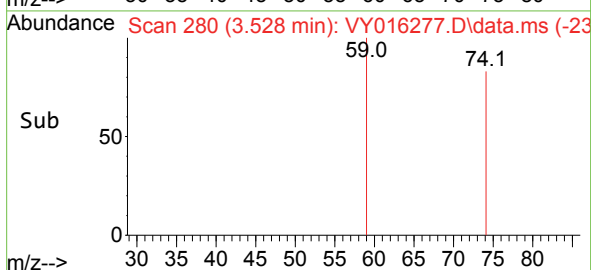
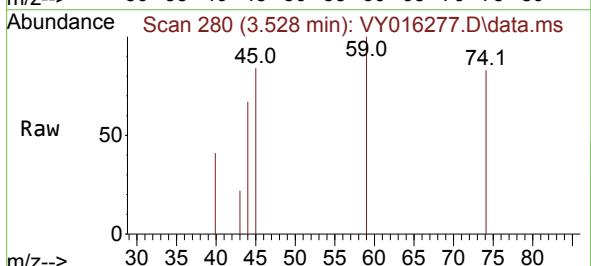


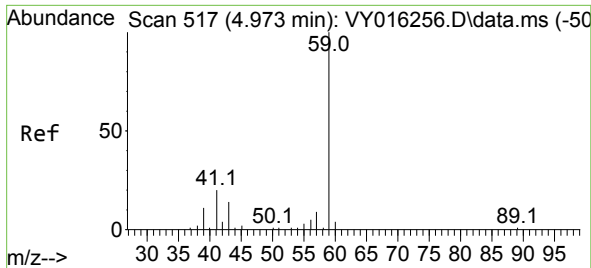
Tgt Ion:168 Resp: 99320
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#8
Diethyl Ether
Concen: 1.677 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.012 min
Lab File: VY016277.D
Acq: 09 Nov 2023 13:26

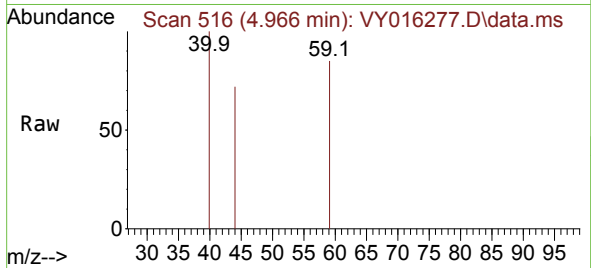
Tgt Ion: 74 Resp: 893
Ion Ratio Lower Upper
74 100
45 153.0 51.5 154.5



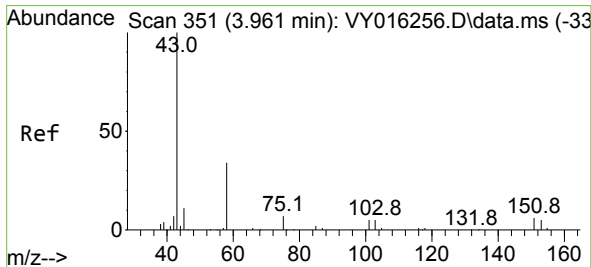
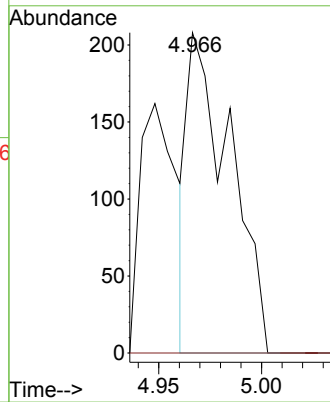
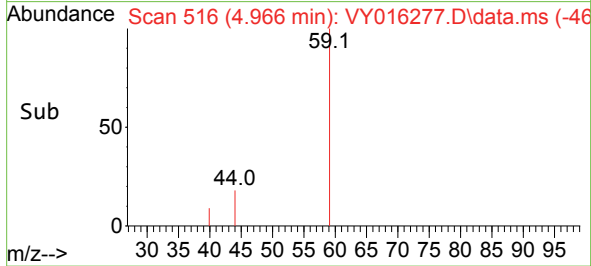


#11
Tert butyl alcohol
Concen: 4.192 ug/l
RT: 4.966 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY016277.D
Acq: 09 Nov 2023 13:26

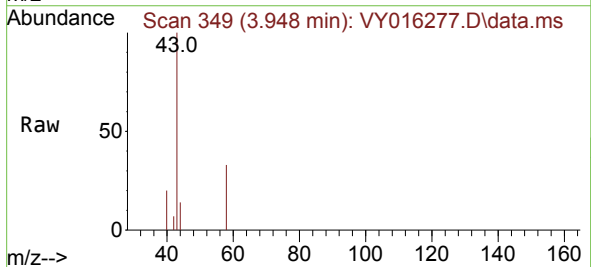
Instrument :
MSVOA_Y
ClientSampleId :



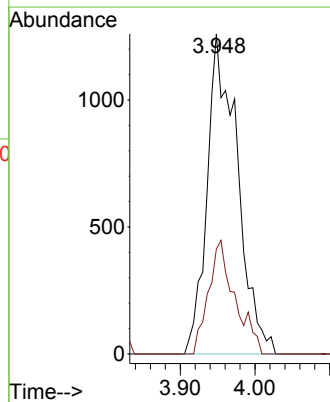
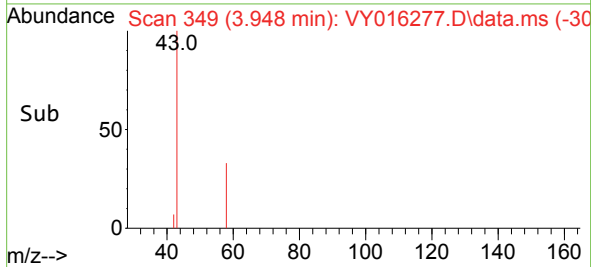
Tgt Ion: 59 Resp: 298
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

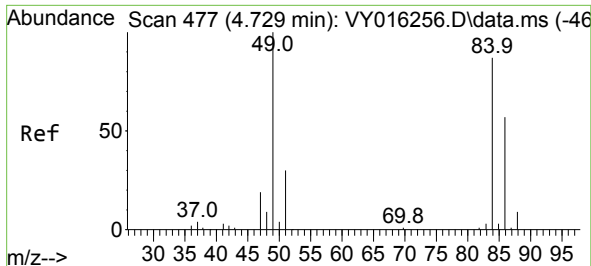


#16
Acetone
Concen: 23.529 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016277.D
Acq: 09 Nov 2023 13:26



Tgt Ion: 43 Resp: 3533
Ion Ratio Lower Upper
43 100
58 32.8 22.7 34.1





#20

Methylene Chloride

Concen: 16.851 ug/l

RT: 4.729 min Scan# 41

Delta R.T. -0.000 min

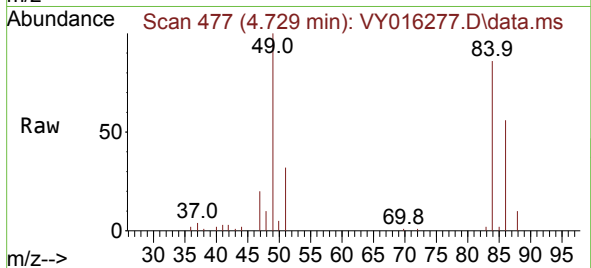
Lab File: VY016277.D

Acq: 09 Nov 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 20322

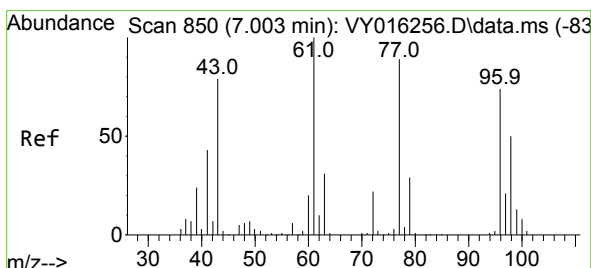
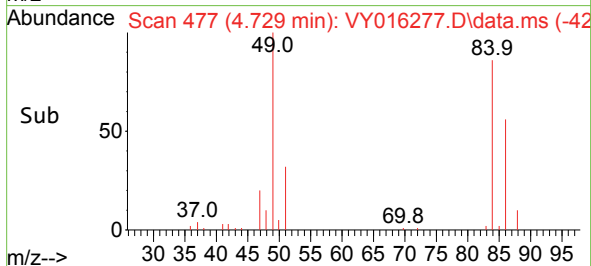
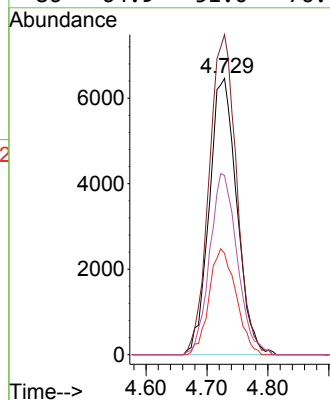
Ion Ratio Lower Upper

84 100

49 115.8 106.9 160.3

51 36.6 33.2 49.8

86 64.9 51.0 76.6



#25

2-Butanone

Concen: 2.506 ug/l

RT: 6.997 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016277.D

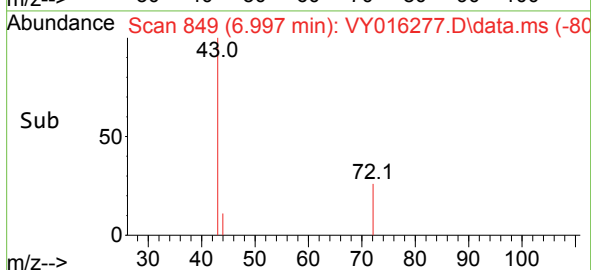
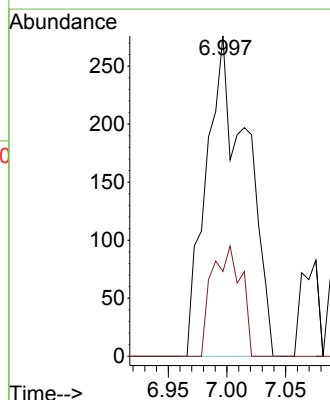
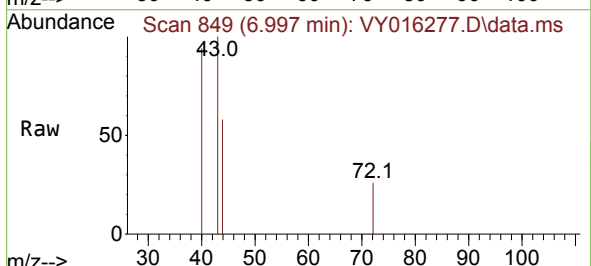
Acq: 09 Nov 2023 13:26

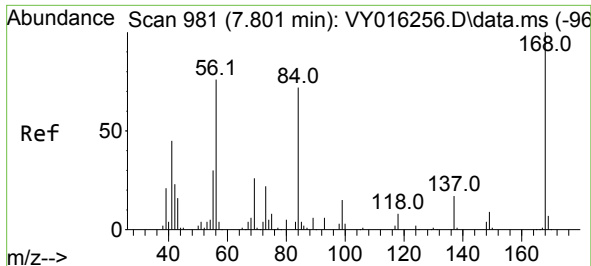
Tgt Ion: 43 Resp: 659

Ion Ratio Lower Upper

43 100

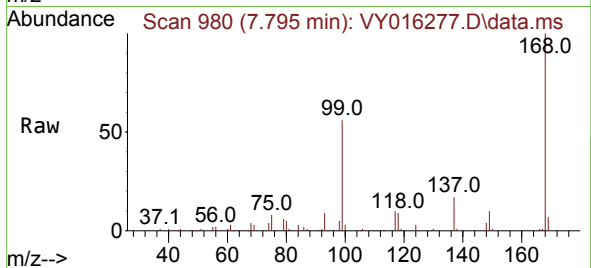
72 26.4 20.5 30.7



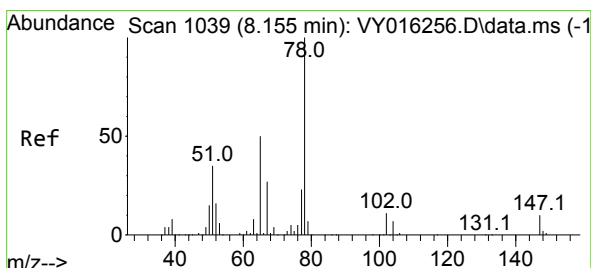
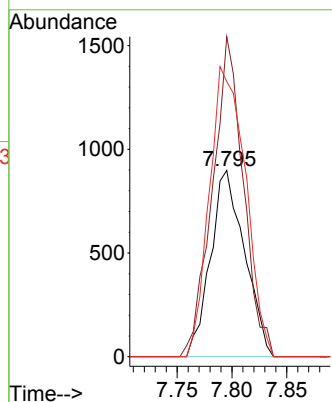
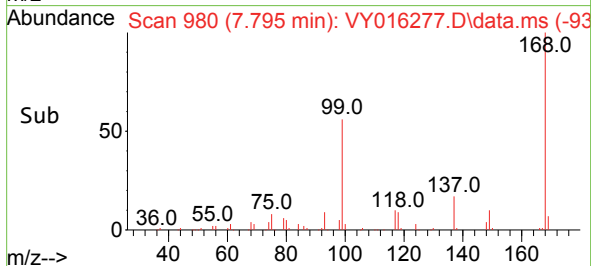


#31
Cyclohexane
Concen: 1.087 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016277.D
Acq: 09 Nov 2023 13:26

Instrument :
MSVOA_Y
ClientSampleId :

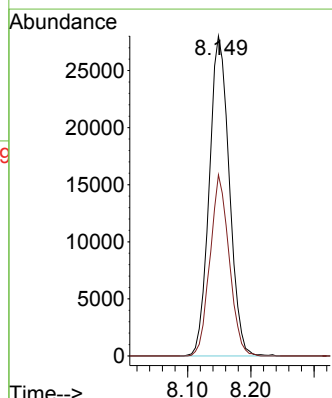
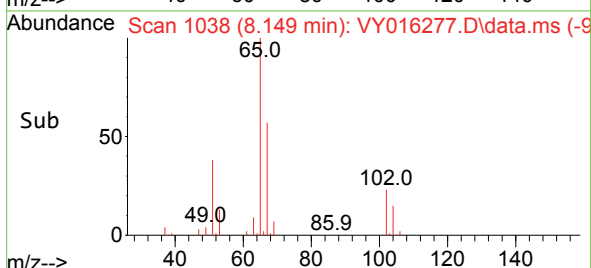
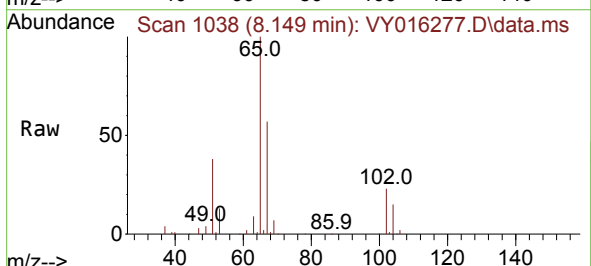


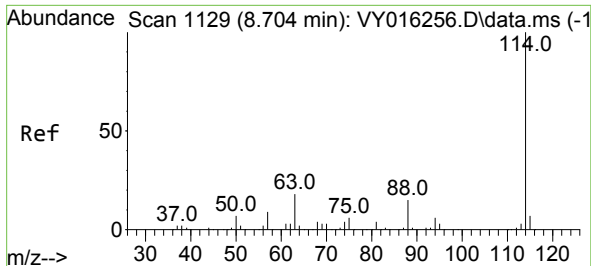
Tgt Ion: 56 Resp: 1943
Ion Ratio Lower Upper
56 100
69 171.8 27.8 41.6#
84 147.7 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 67.810 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016277.D
Acq: 09 Nov 2023 13:26

Tgt Ion: 65 Resp: 61554
Ion Ratio Lower Upper
65 100
67 54.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016277.D

Acq: 09 Nov 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

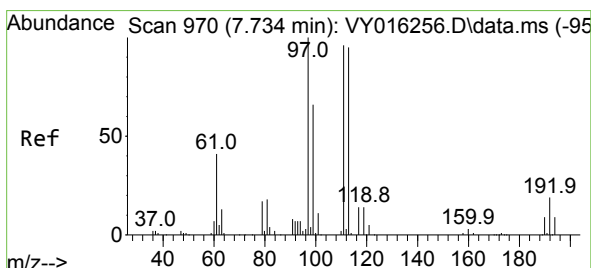
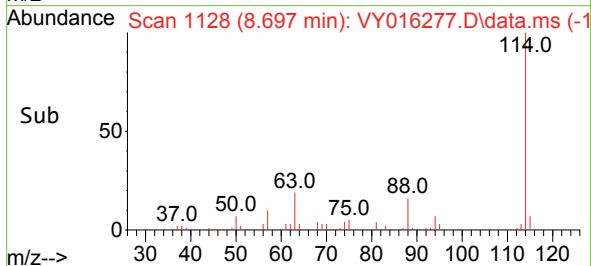
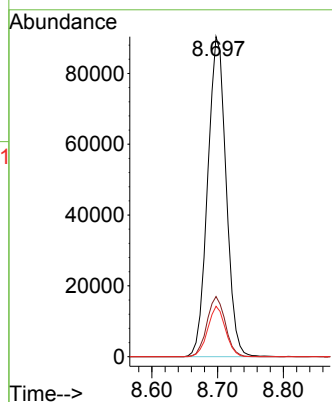
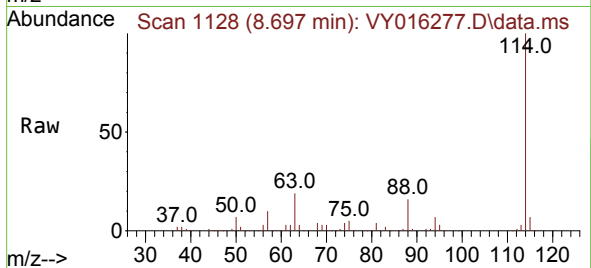
Tgt Ion:114 Resp: 176244

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.311 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016277.D

Acq: 09 Nov 2023 13:26

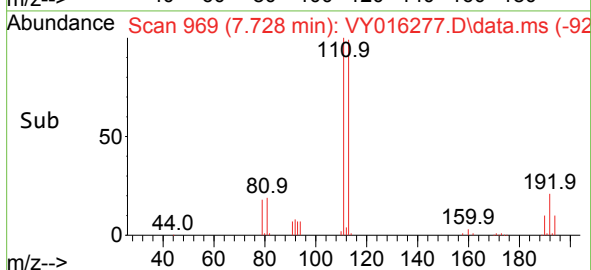
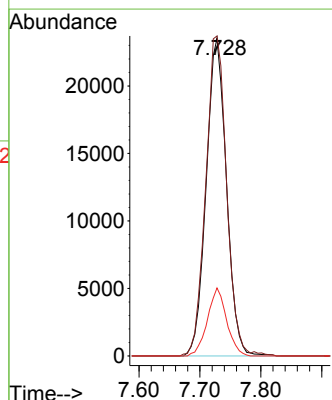
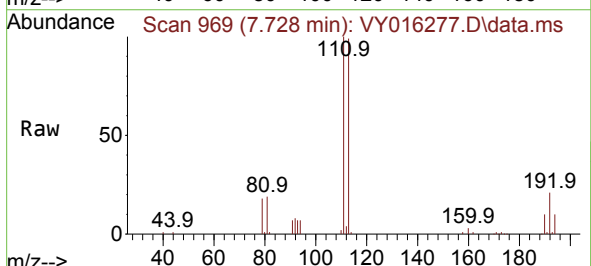
Tgt Ion:113 Resp: 54375

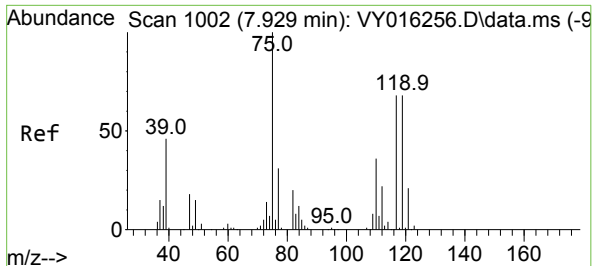
Ion Ratio Lower Upper

113 100

111 103.8 81.3 121.9

192 20.3 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.329 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.134 min

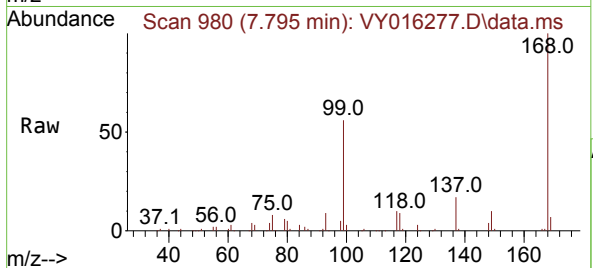
Lab File: VY016277.D

Acq: 09 Nov 2023 13:26

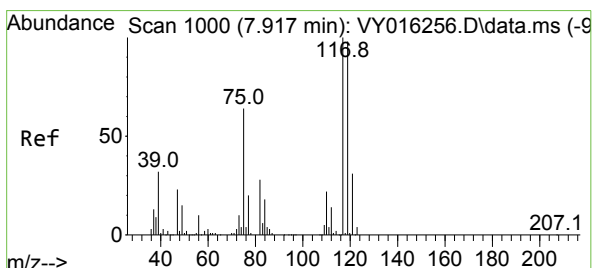
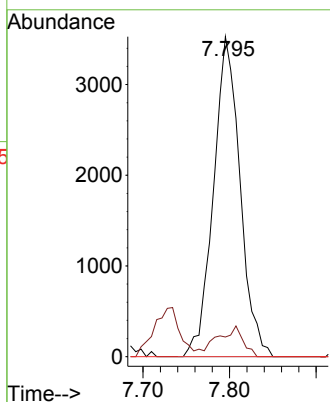
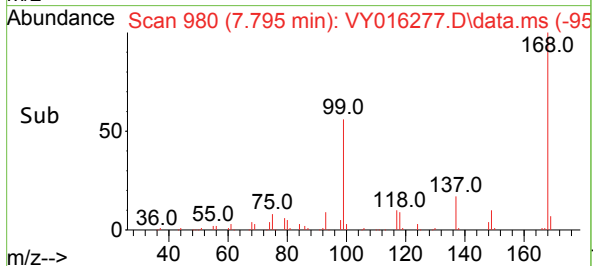
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 7525
Ion Ratio	Lower Upper
75	100
110	8.7 17.8 53.5#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.374 ug/l

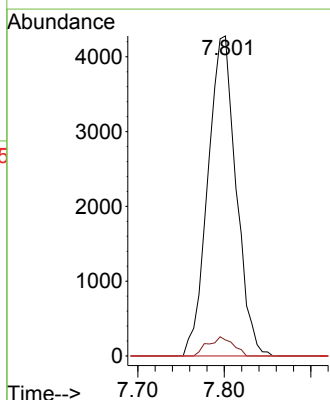
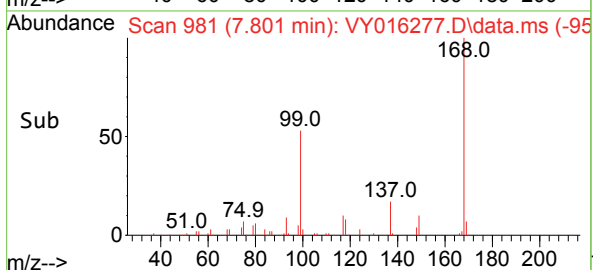
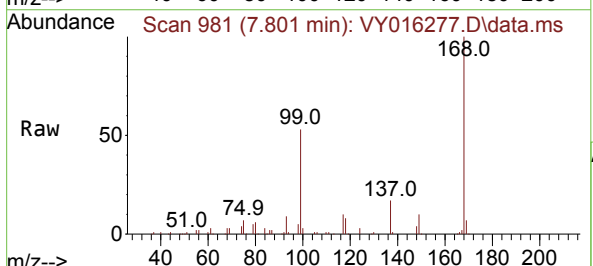
RT: 7.801 min Scan# 981

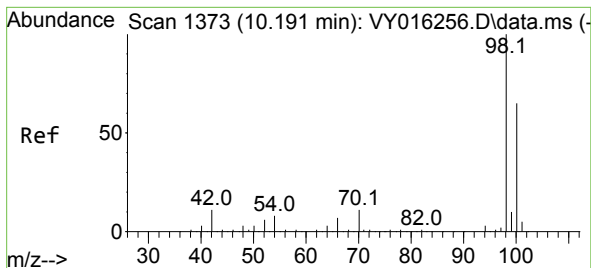
Delta R.T. -0.116 min

Lab File: VY016277.D

Acq: 09 Nov 2023 13:26

Tgt Ion: 117	Resp: 9696
Ion Ratio	Lower Upper
117	100
119	5.0 76.4 114.6#
121	0.0 25.8 38.6#





#50

Toluene-d8

Concen: 51.468 ug/l

RT: 10.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016277.D

Acq: 09 Nov 2023 13:26

Instrument :

MSVOA_Y

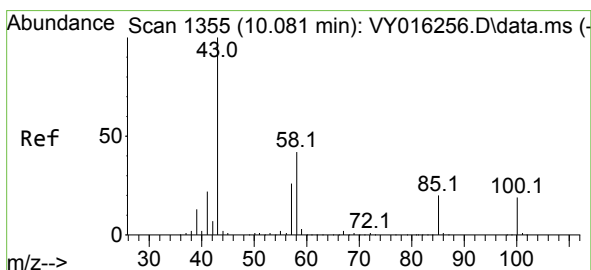
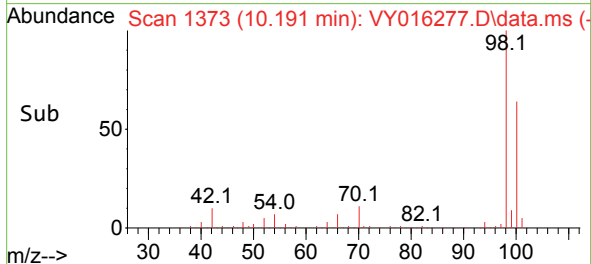
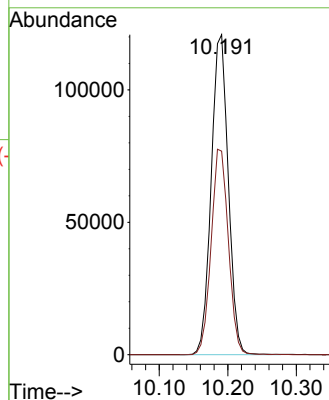
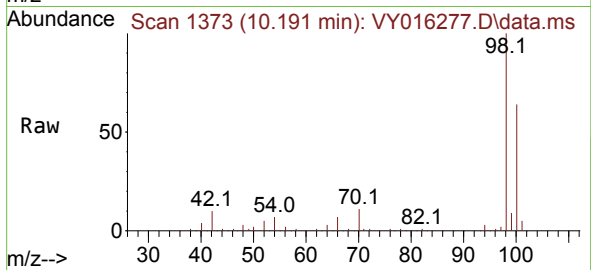
ClientSampleId :

Tgt Ion: 98 Resp: 208961

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1



#51

4-Methyl-2-Pentanone

Concen: 1.315 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.098 min

Lab File: VY016277.D

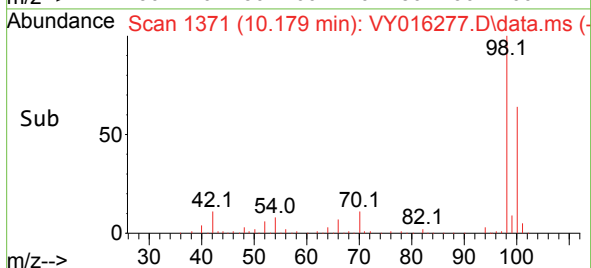
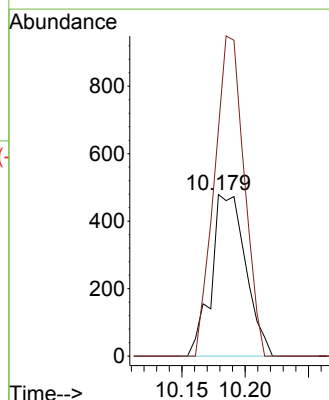
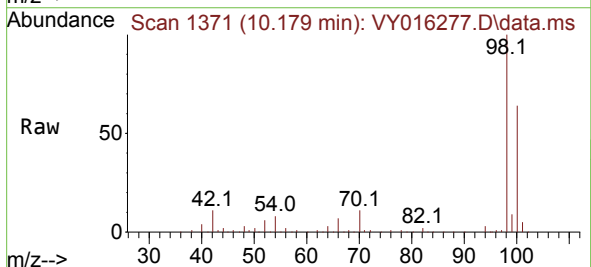
Acq: 09 Nov 2023 13:26

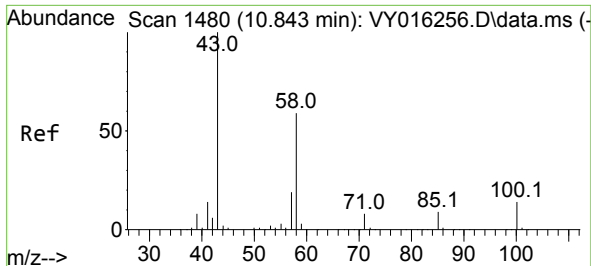
Tgt Ion: 43 Resp: 903

Ion Ratio Lower Upper

43 100

58 172.2 29.0 43.6#

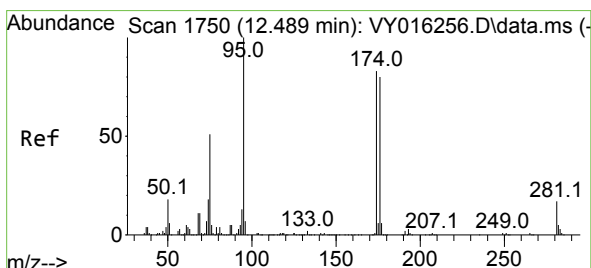
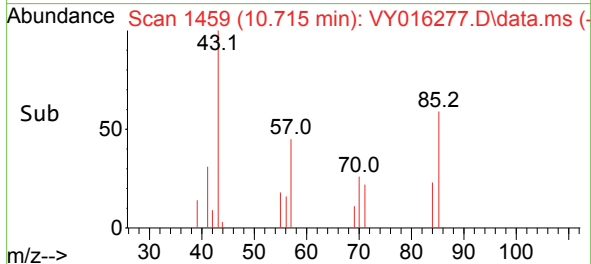
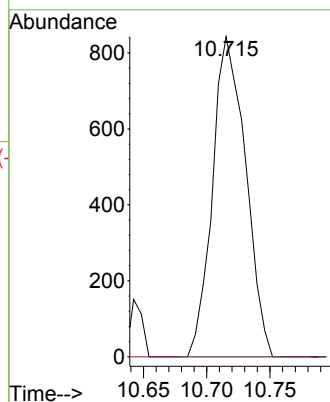
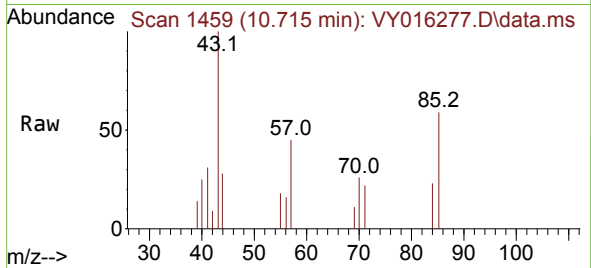




#59
2-Hexanone
Concen: 3.004 ug/l
RT: 10.715 min Scan# 1480
Delta R.T. -0.128 min
Lab File: VY016277.D
Acq: 09 Nov 2023 13:26

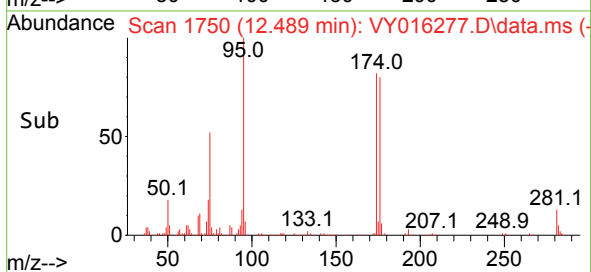
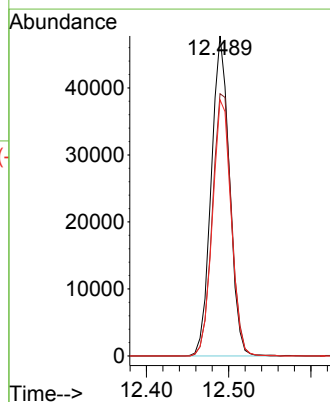
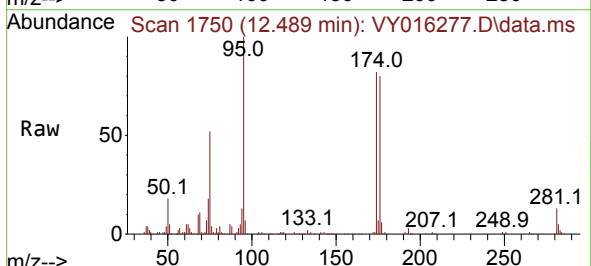
Instrument :
MSVOA_Y
ClientSampleId :

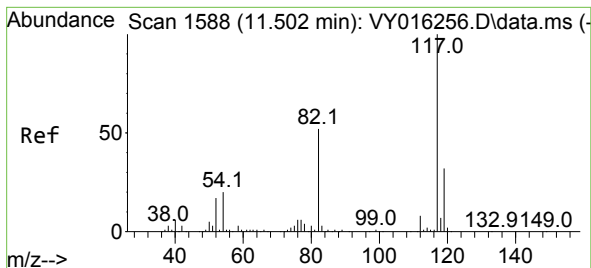
Tgt Ion: 43 Resp: 1534
Ion Ratio Lower Upper
43 100
58 0.0 25.1 75.3#



#62
4-Bromofluorobenzene
Concen: 55.827 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016277.D
Acq: 09 Nov 2023 13:26

Tgt Ion: 95 Resp: 73615
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 82.1 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: VY016277.D

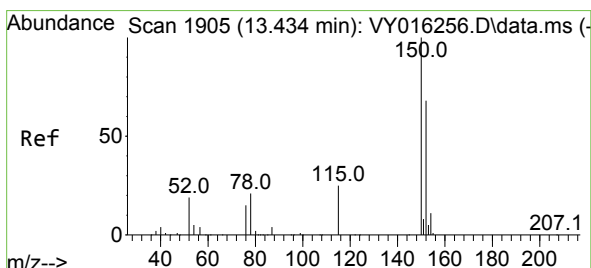
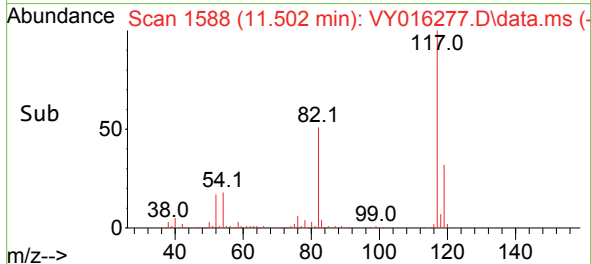
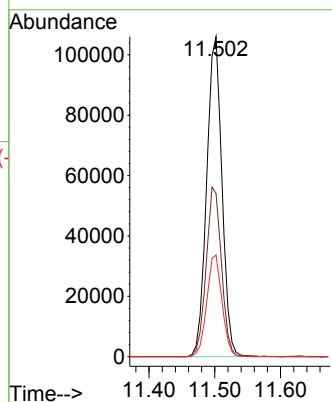
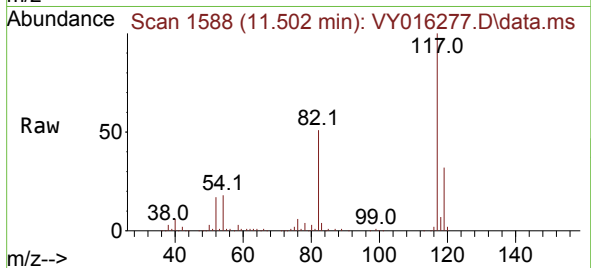
Acq: 09 Nov 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	117	Resp:	171551
Ion Ratio	Lower	Upper	
117	100		
82	51.0	43.4	65.0
119	31.8	26.3	39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

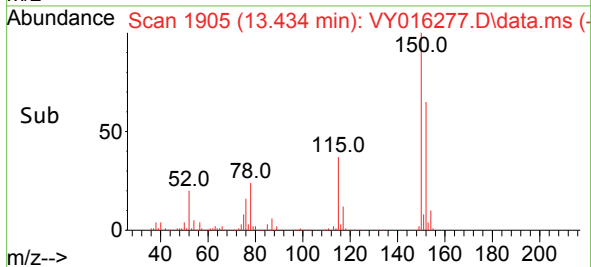
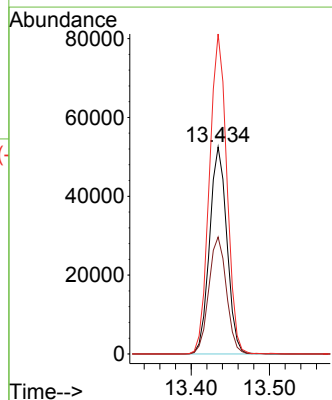
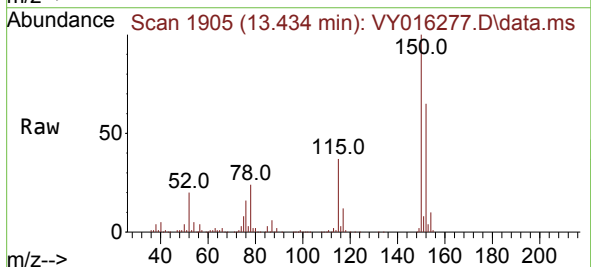
RT: 13.434 min Scan# 1905

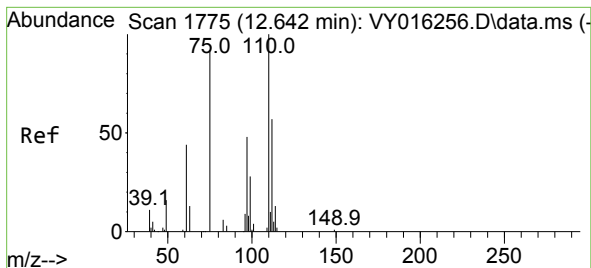
Delta R.T. -0.000 min

Lab File: VY016277.D

Acq: 09 Nov 2023 13:26

Tgt Ion:	152	Resp:	80567
Ion Ratio	Lower	Upper	
152	100		
115	57.5	28.8	86.5
150	155.4	0.0	348.8

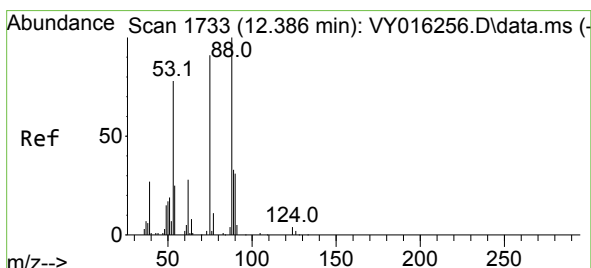
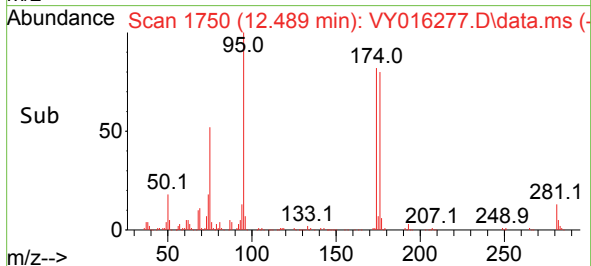
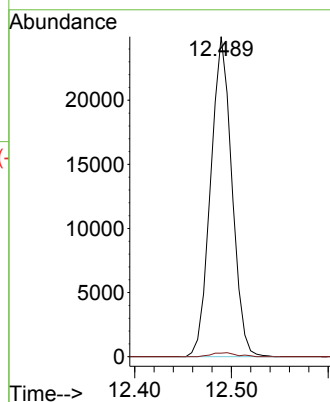
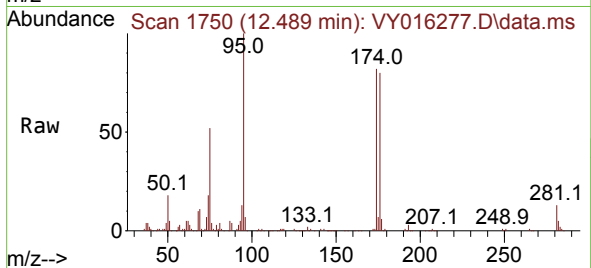




#76
1,2,3-Trichloropropane
Concen: 49.294 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY016277.D
Acq: 09 Nov 2023 13:26

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 38098
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.997 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016277.D
Acq: 09 Nov 2023 13:26

Tgt Ion: 75 Resp: 38098
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

