

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016443.D
 Acq On : 21 Nov 2023 17:21
 Operator : SY/MD
 Sample : 05507-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 01:20:02 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)

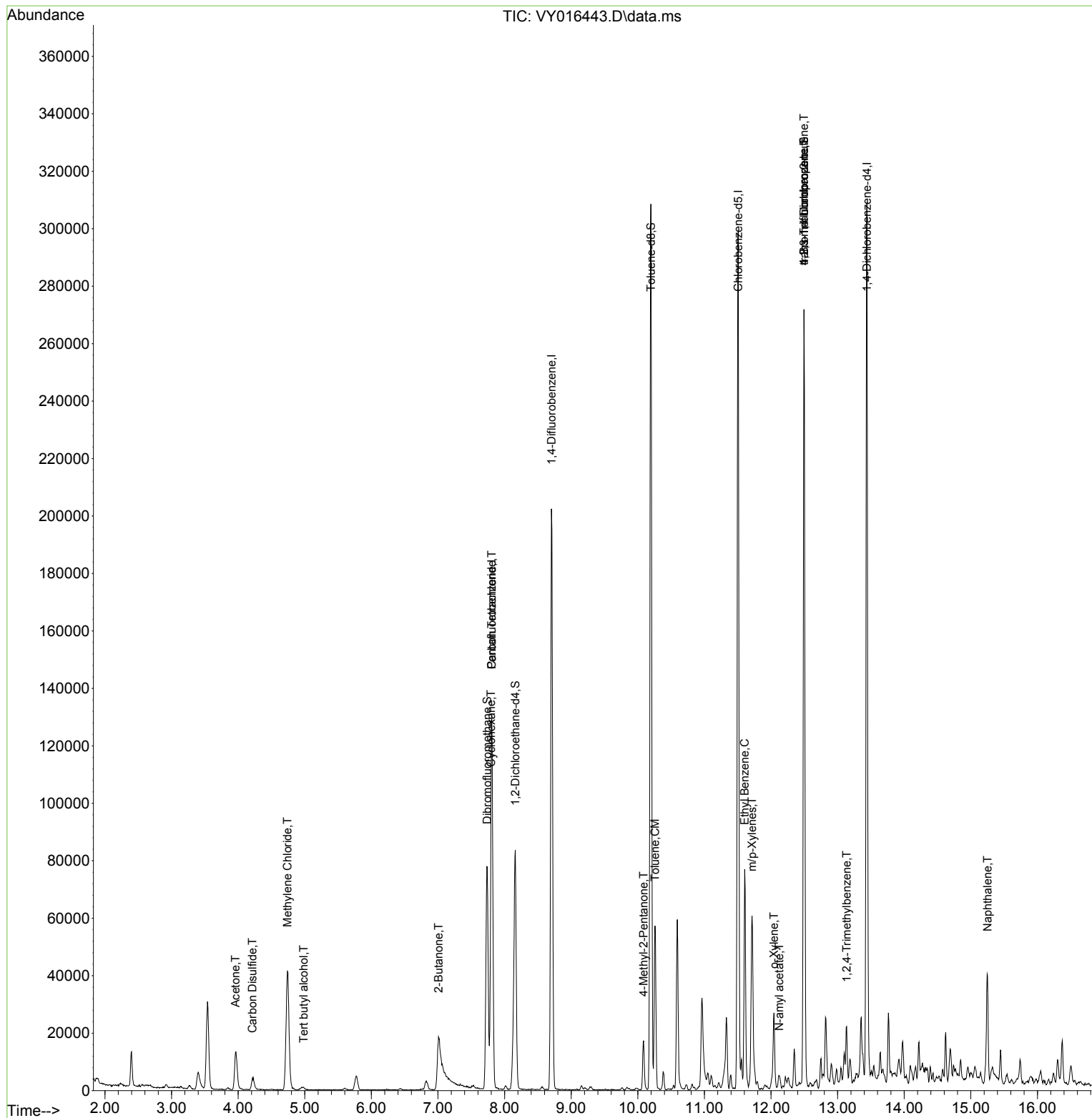
Internal Standards						
1) Pentafluorobenzene	7.807	168	105559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	182911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	177533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	82463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	61257	63.494	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.980%			
35) Dibromofluoromethane	7.740	113	57777	55.606	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.220%			
50) Toluene-d8	10.197	98	214298	50.859	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.720%			
62) 4-Bromofluorobenzene	12.495	95	76942	56.223	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.440%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.984	59	962	12.733	ug/l #	89
16) Acetone	3.960	43	23362	146.393	ug/l #	83
17) Carbon Disulfide	4.216	76	3884	1.207	ug/l #	90
20) Methylene Chloride	4.741	84	34691	29.333	ug/l #	84
25) 2-Butanone	7.008	43	7633	27.308	ug/l #	80
31) Cyclohexane	7.795	56	2125	1.119	ug/l #	7
38) Carbon Tetrachloride	7.807	117	9854	5.262	ug/l #	17
51) 4-Methyl-2-Pentanone	10.087	43	10913	15.315	ug/l	92
52) Toluene	10.258	92	25482	7.953	ug/l	92
67) Ethyl Benzene	11.605	91	53180	7.801	ug/l	97
68) m/p-Xylenes	11.715	106	17437	6.744	ug/l	92
69) o-Xylene	12.044	106	6452	2.688	ug/l	96
74) N-amyl acetate	12.123	43	2988	2.228	ug/l #	64
76) 1,2,3-Trichloropropane	12.495	75	39228	49.589	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	39228	107.637	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.135	105	11255	2.123	ug/l	100
95) Naphthalene	15.251	128	32541	12.528	ug/l	99

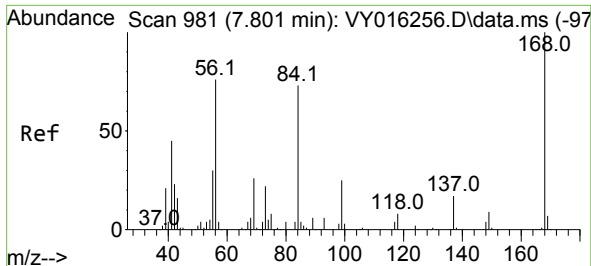
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
Data File : VY016443.D
Acq On : 21 Nov 2023 17:21
Operator : SY/MD
Sample : 05507-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 22 01:20:02 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

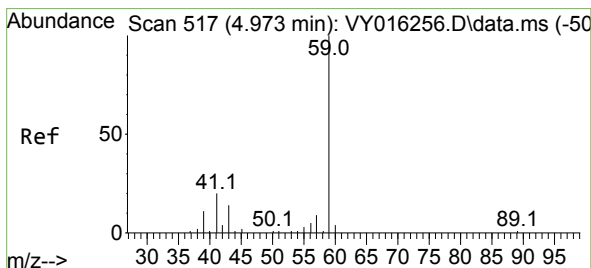
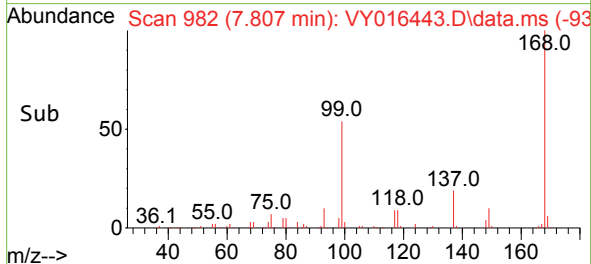
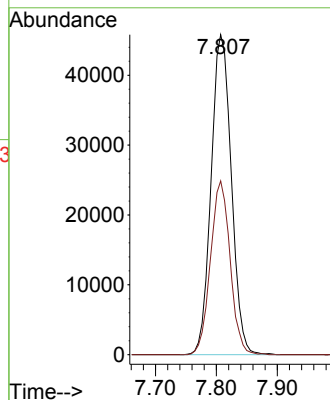
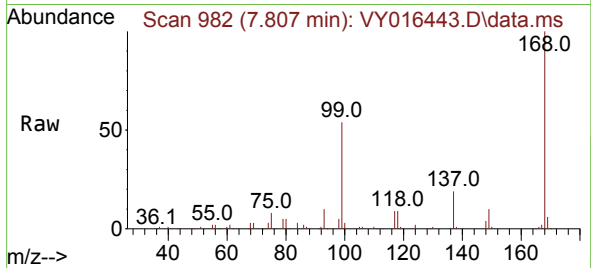




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016443.D
Acq: 21 Nov 2023 17:21

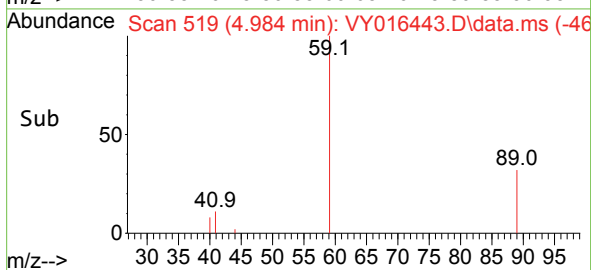
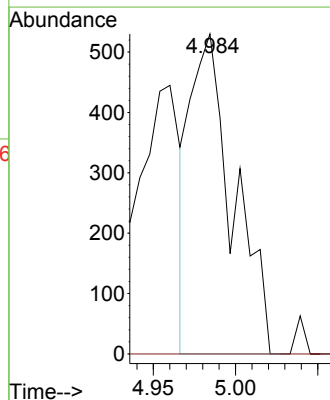
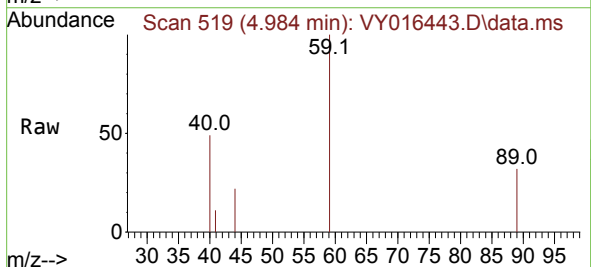
Instrument :
MSVOA_Y
ClientSampleId :

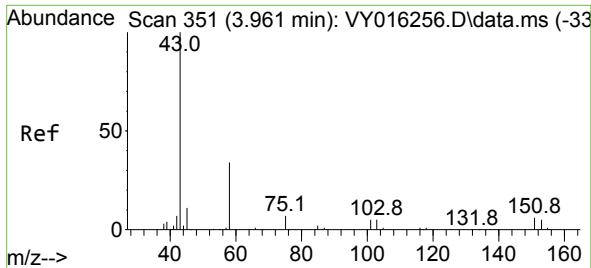
Tgt Ion:168 Resp: 105559
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#11
Tert butyl alcohol
Concen: 12.733 ug/l
RT: 4.984 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY016443.D
Acq: 21 Nov 2023 17:21

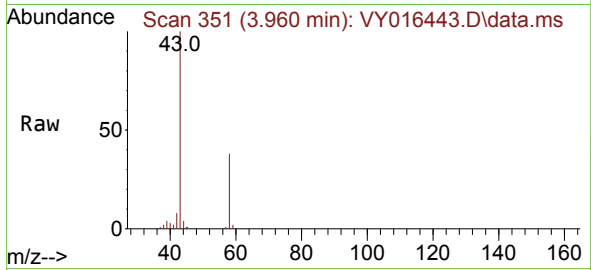
Tgt Ion: 59 Resp: 962
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



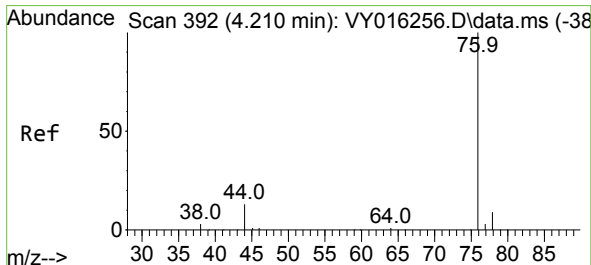
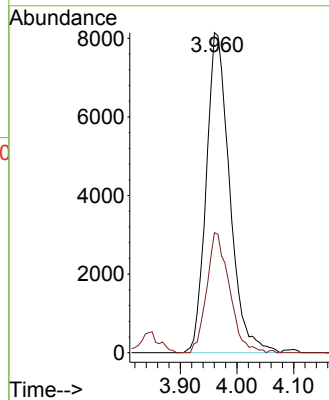
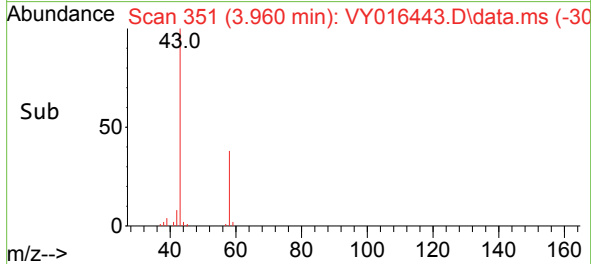


#16
Acetone
Concen: 146.393 ug/l
RT: 3.960 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY016443.D
Acq: 21 Nov 2023 17:21

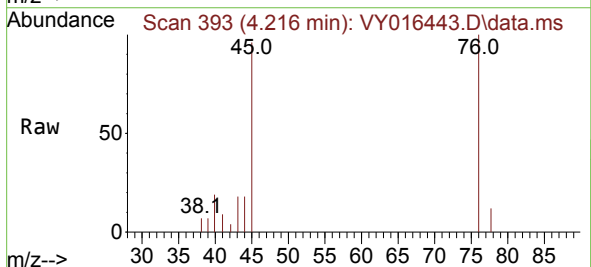
Instrument :
MSVOA_Y
ClientSampleId :



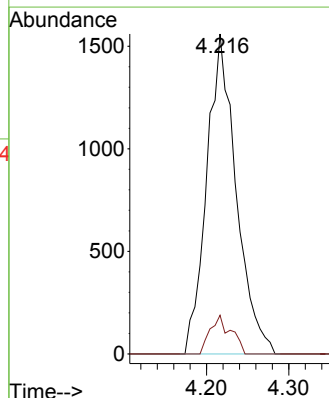
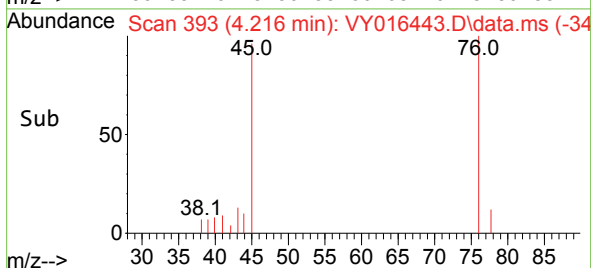
Tgt Ion: 43 Resp: 23362
Ion Ratio Lower Upper
43 100
58 37.5 22.7 34.1#

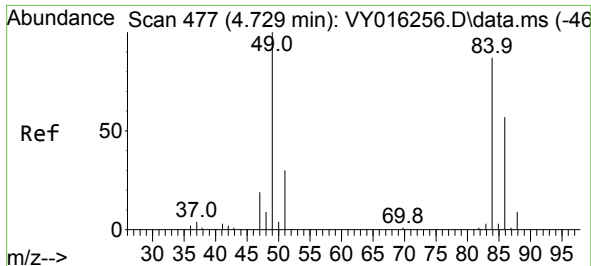


#17
Carbon Disulfide
Concen: 1.207 ug/l
RT: 4.216 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY016443.D
Acq: 21 Nov 2023 17:21



Tgt Ion: 76 Resp: 3884
Ion Ratio Lower Upper
76 100
78 12.1 7.0 10.4#





#20

Methylene Chloride

Concen: 29.333 ug/l

RT: 4.741 min Scan# 41

Delta R.T. 0.012 min

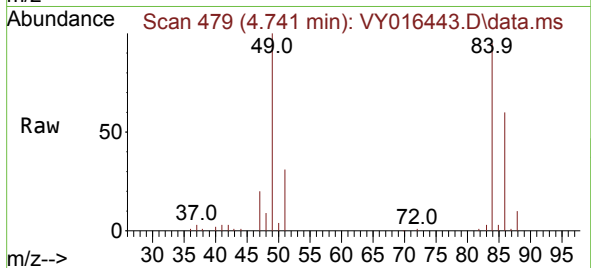
Lab File: VY016443.D

Acq: 21 Nov 2023 17:21

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 34691

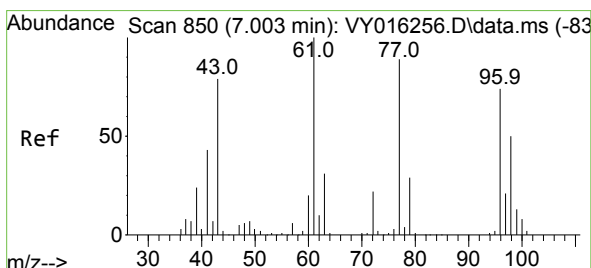
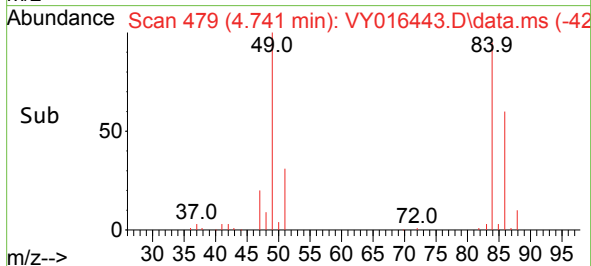
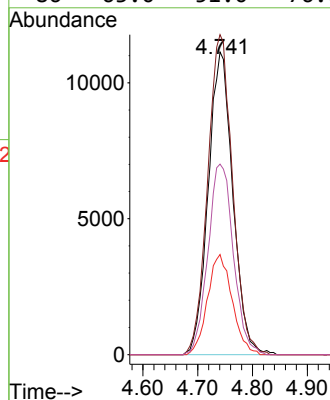
Ion Ratio Lower Upper

84 100

49 105.7 106.9 160.3#

51 33.1 33.2 49.8#

86 63.0 51.0 76.6



#25

2-Butanone

Concen: 27.308 ug/l

RT: 7.008 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY016443.D

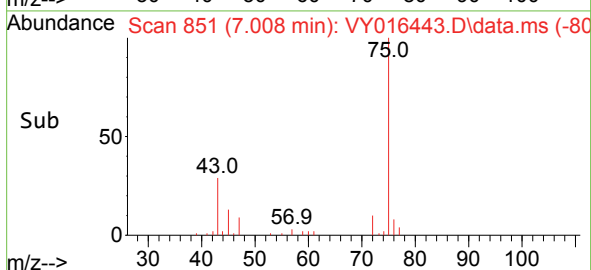
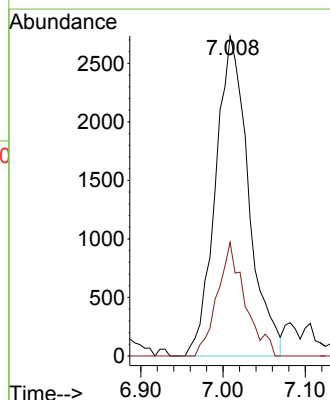
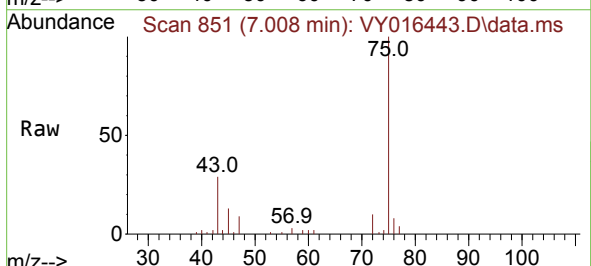
Acq: 21 Nov 2023 17:21

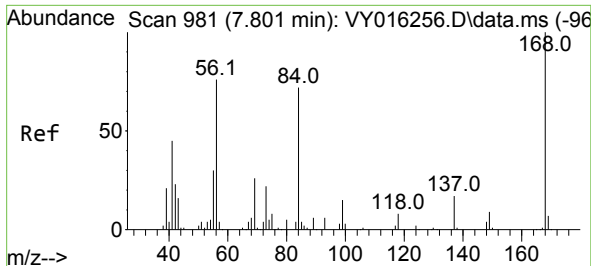
Tgt Ion: 43 Resp: 7633

Ion Ratio Lower Upper

43 100

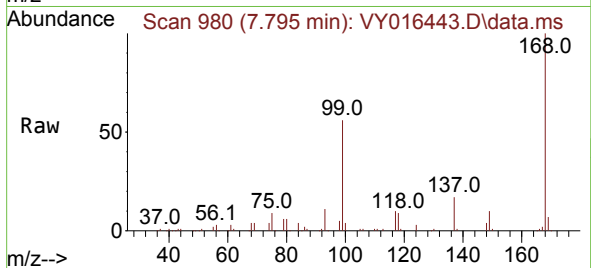
72 35.5 20.5 30.7#



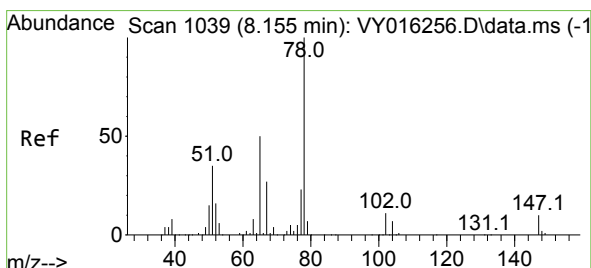
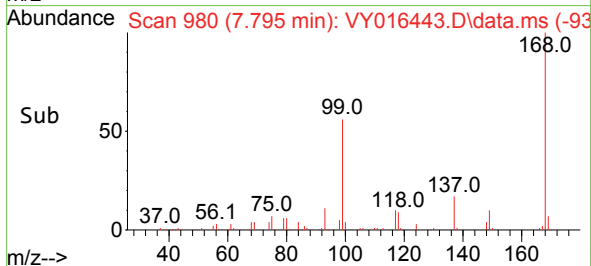
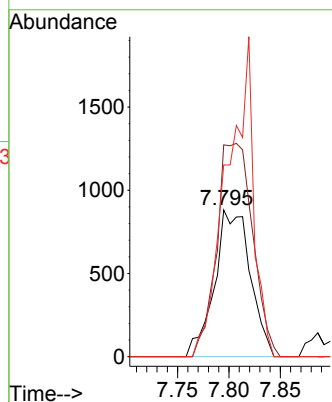


#31
Cyclohexane
Concen: 1.119 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016443.D
Acq: 21 Nov 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :

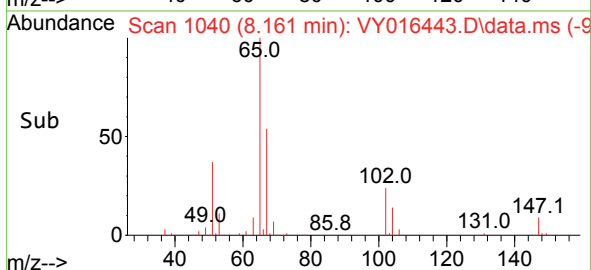
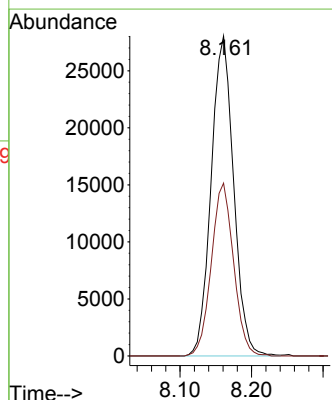
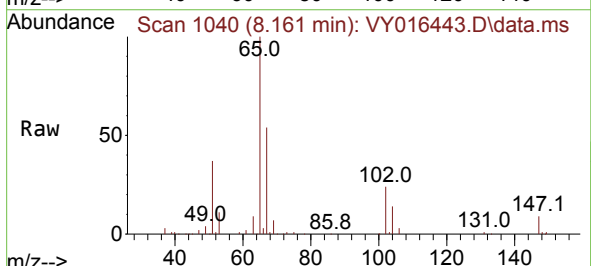


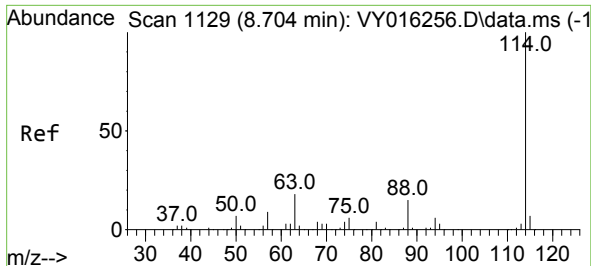
Tgt Ion: 56 Resp: 2125
Ion Ratio Lower Upper
56 100
69 144.3 27.8 41.6#
84 130.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 63.494 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016443.D
Acq: 21 Nov 2023 17:21

Tgt Ion: 65 Resp: 61257
Ion Ratio Lower Upper
65 100
67 53.4 0.0 101.8

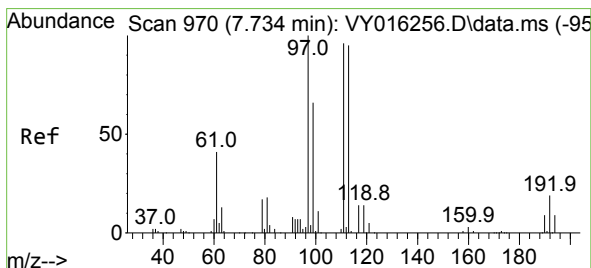
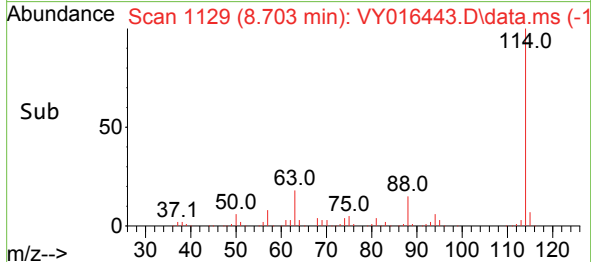
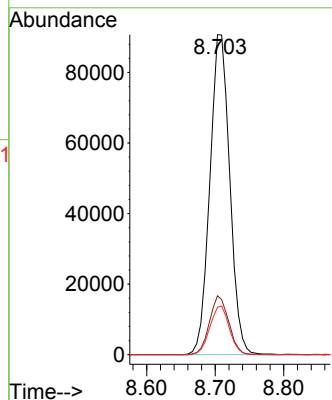
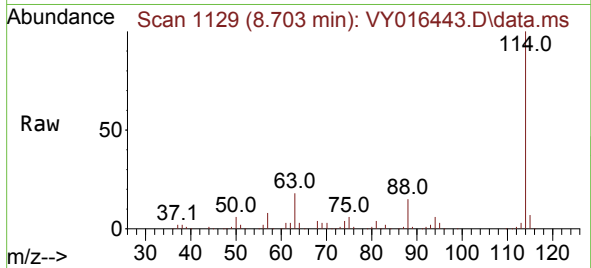




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016443.D
 Acq: 21 Nov 2023 17:21

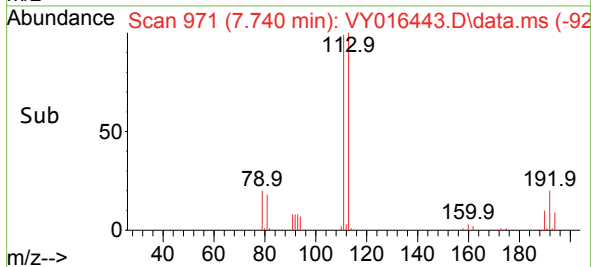
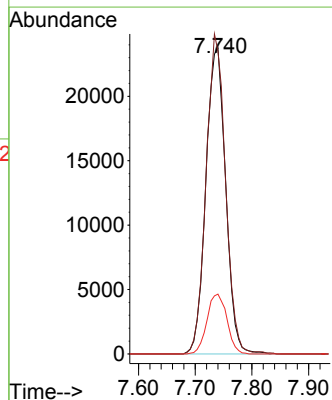
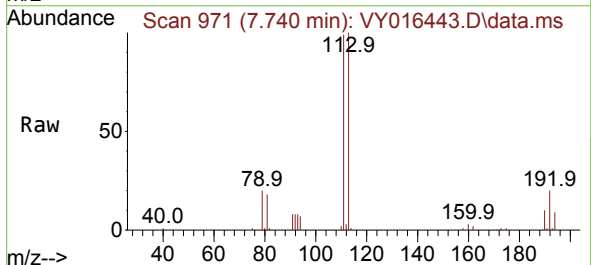
Instrument :
 MSVOA_Y
 ClientSampleId :

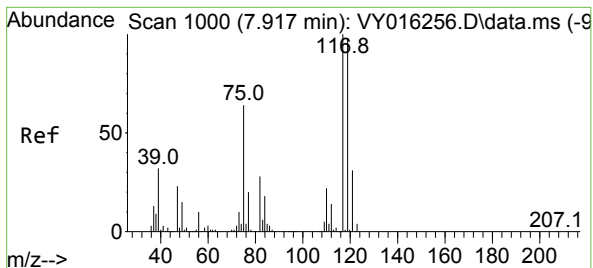
Tgt Ion:114 Resp: 182911
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 42.4
 88 14.8 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 55.606 ug/l
 RT: 7.740 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY016443.D
 Acq: 21 Nov 2023 17:21

Tgt Ion:113 Resp: 57777
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.3 121.9
 192 19.7 16.9 25.3





#38

Carbon Tetrachloride

Concen: 5.262 ug/l

RT: 7.807 min Scan# 982

Delta R.T. -0.110 min

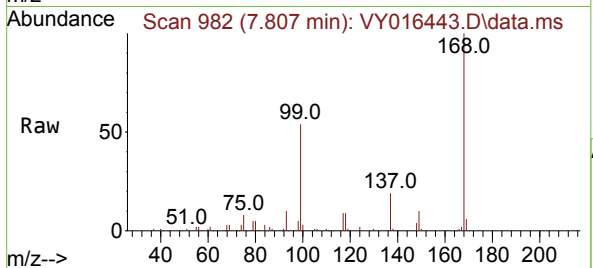
Lab File: VY016443.D

Acq: 21 Nov 2023 17:21

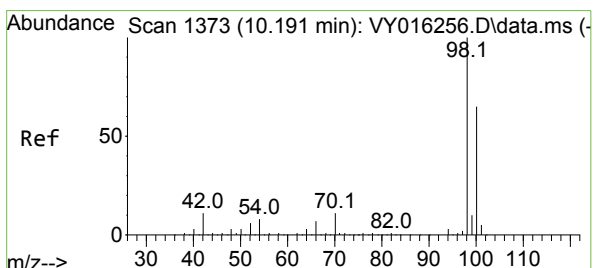
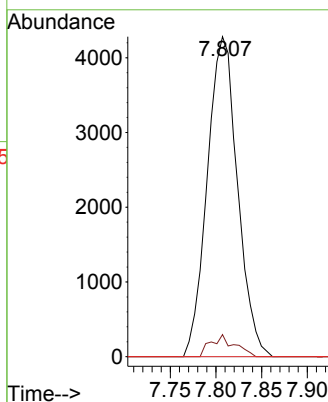
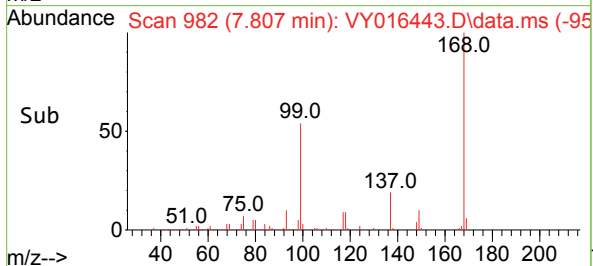
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:117	Resp:	9854
Ion	Ratio	Lower Upper
117	100	
119	6.9	76.4 114.6#
121	0.0	25.8 38.6#



#50

Toluene-d8

Concen: 50.859 ug/l

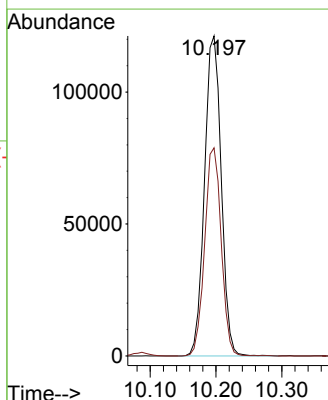
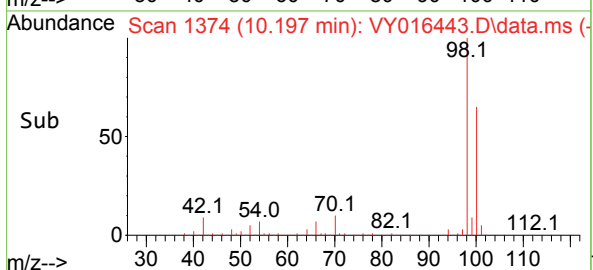
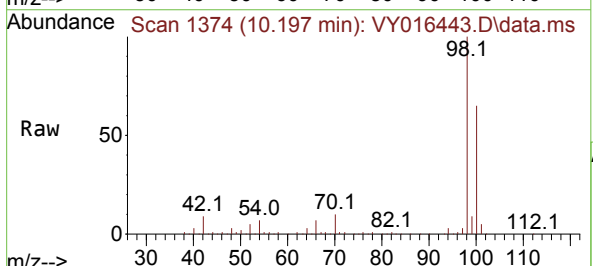
RT: 10.197 min Scan# 1374

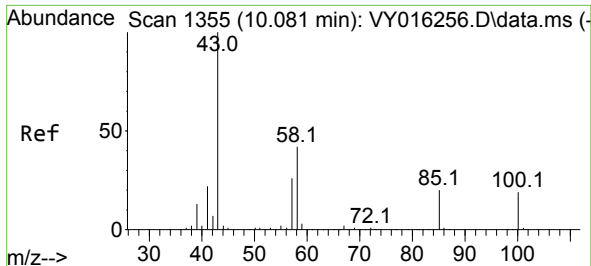
Delta R.T. 0.006 min

Lab File: VY016443.D

Acq: 21 Nov 2023 17:21

Tgt Ion: 98	Resp:	214298
Ion	Ratio	Lower Upper
98	100	
100	64.3	50.1 75.1

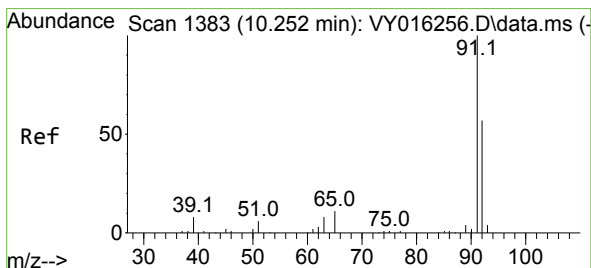
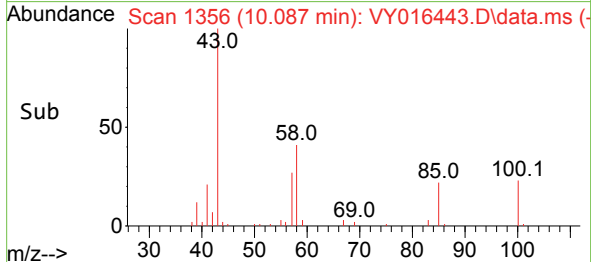
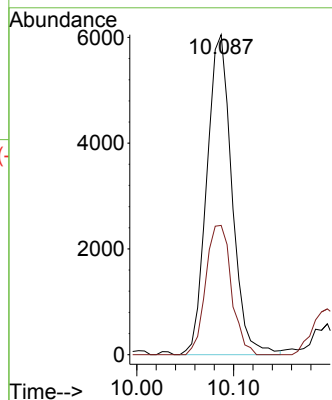
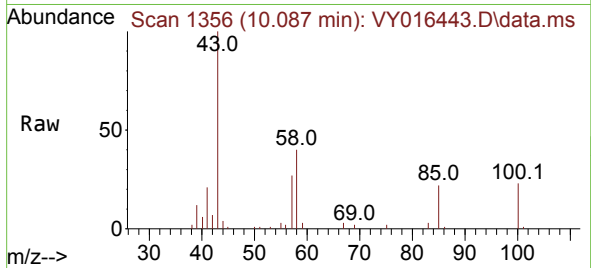




#51
4-Methyl-2-Pentanone
Concen: 15.315 ug/l
RT: 10.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016443.D
Acq: 21 Nov 2023 17:21

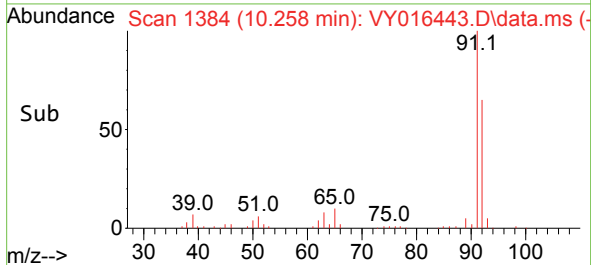
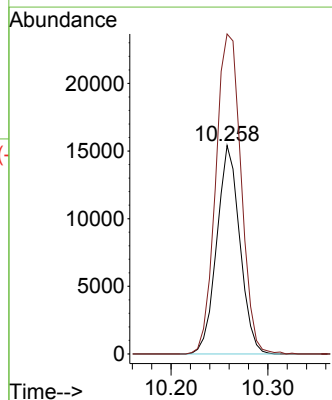
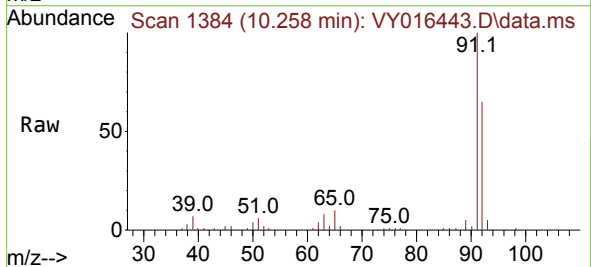
Instrument :
MSVOA_Y
ClientSampleId :

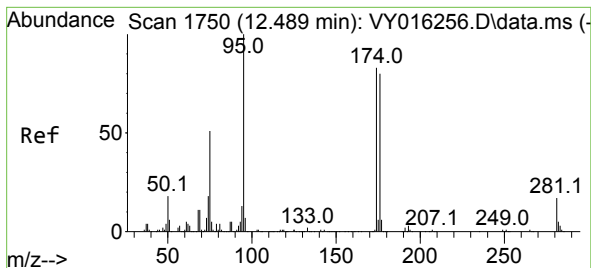
Tgt Ion: 43 Resp: 10913
Ion Ratio Lower Upper
43 100
58 41.2 29.0 43.6



#52
Toluene
Concen: 7.953 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016443.D
Acq: 21 Nov 2023 17:21

Tgt Ion: 92 Resp: 25482
Ion Ratio Lower Upper
92 100
91 169.0 143.8 215.6

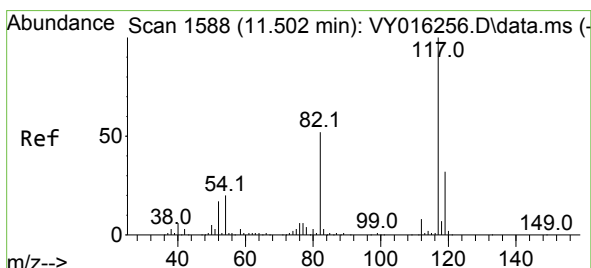
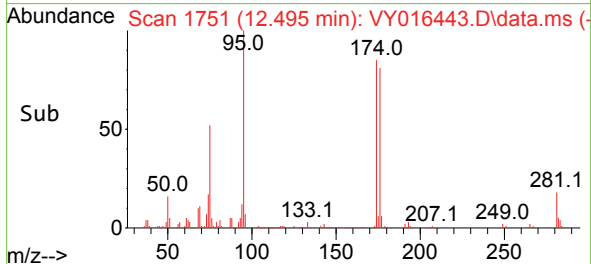
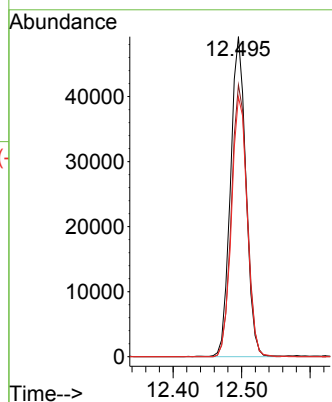
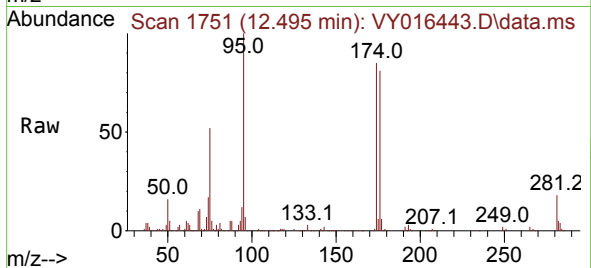




#62
4-Bromofluorobenzene
Concen: 56.223 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016443.D
Acq: 21 Nov 2023 17:21

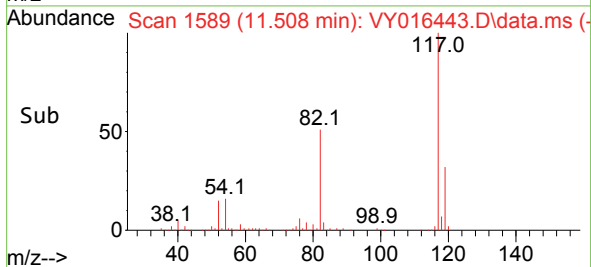
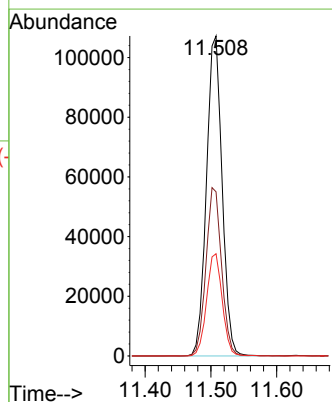
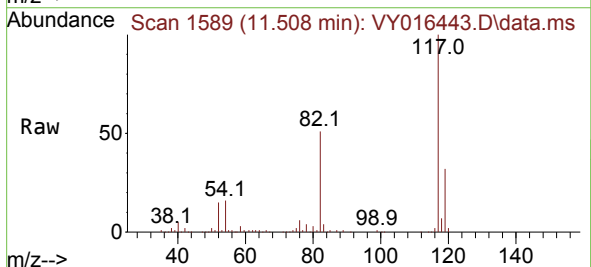
Instrument :
MSVOA_Y
ClientSampleId :

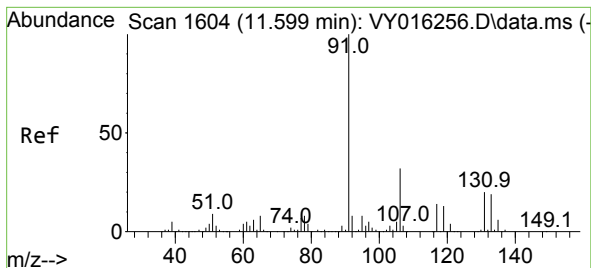
Tgt Ion: 95 Resp: 76942
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 82.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016443.D
Acq: 21 Nov 2023 17:21

Tgt Ion: 117 Resp: 177533
Ion Ratio Lower Upper
117 100
82 51.3 43.4 65.0
119 32.0 26.3 39.5





#67

Ethyl Benzene

Concen: 7.801 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016443.D

Acq: 21 Nov 2023 17:21

Instrument :

MSVOA_Y

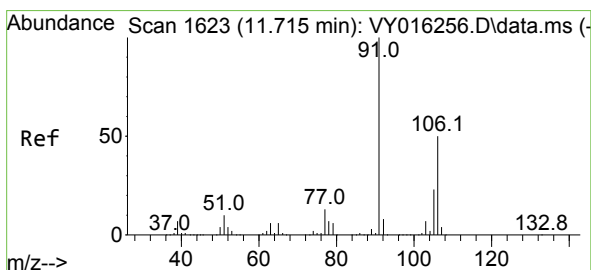
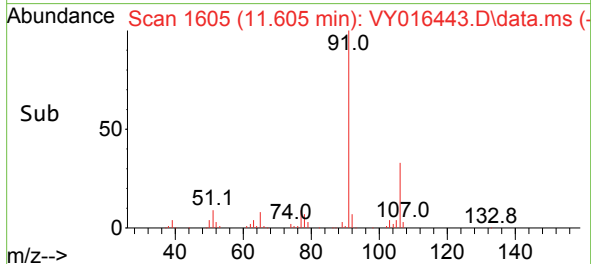
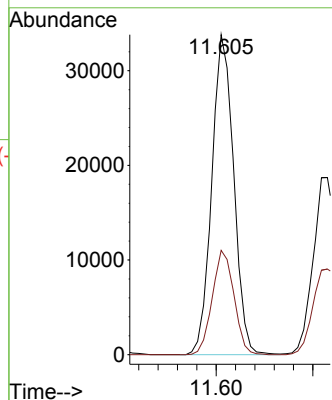
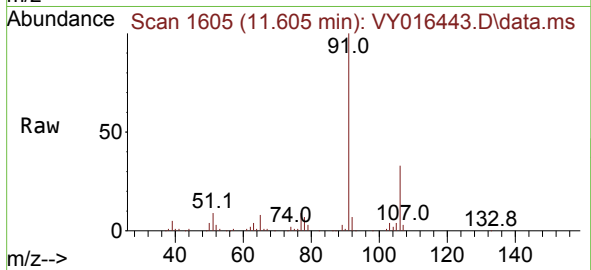
ClientSampleId :

Tgt Ion: 91 Resp: 53180

Ion Ratio Lower Upper

91 100

106 32.6 24.6 36.8



#68

m/p-Xylenes

Concen: 6.744 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016443.D

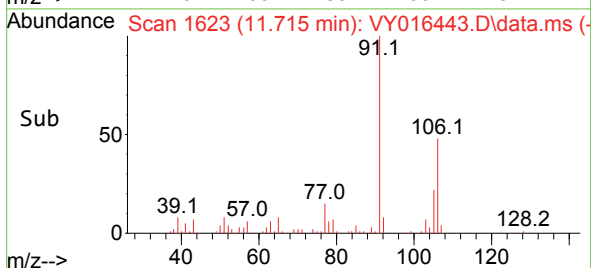
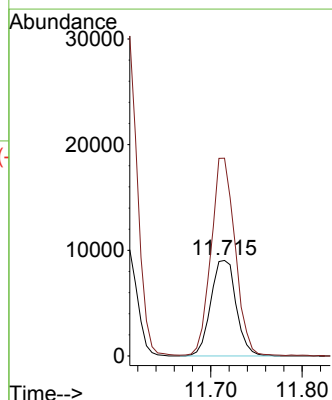
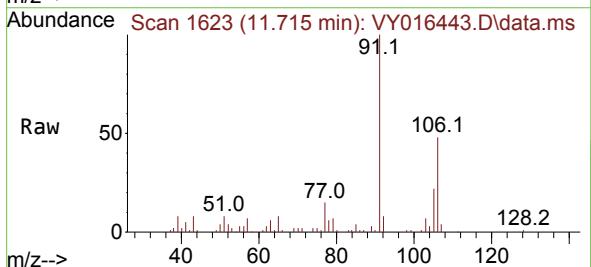
Acq: 21 Nov 2023 17:21

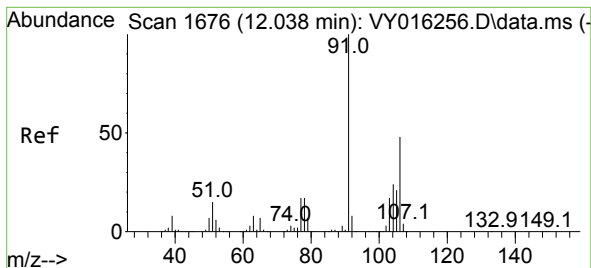
Tgt Ion:106 Resp: 17437

Ion Ratio Lower Upper

106 100

91 195.3 166.1 249.1





#69

o-Xylene

Concen: 2.688 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016443.D

Acq: 21 Nov 2023 17:21

Instrument :

MSVOA_Y

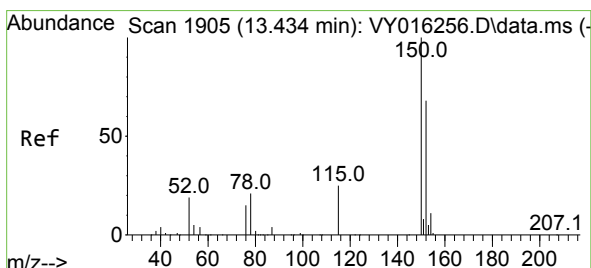
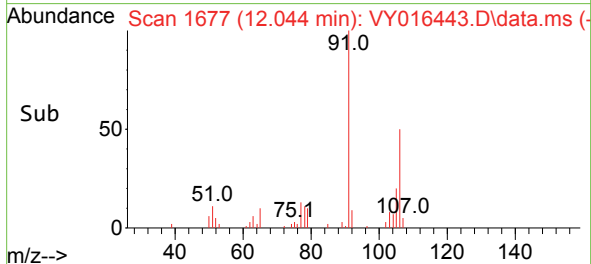
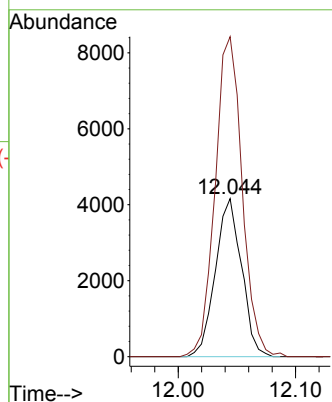
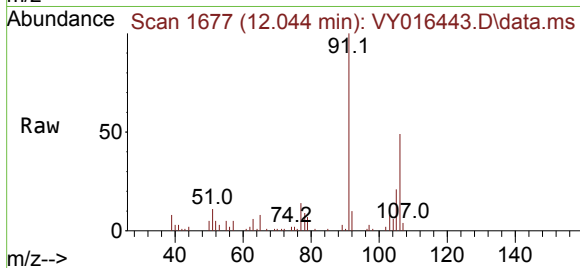
ClientSampleId :

Tgt Ion:106 Resp: 6452

Ion Ratio Lower Upper

106 100

91 209.1 108.1 324.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016443.D

Acq: 21 Nov 2023 17:21

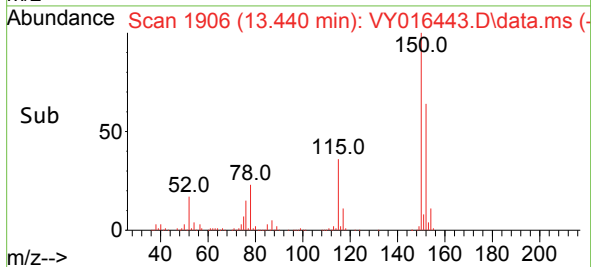
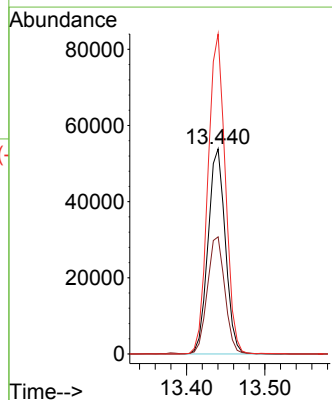
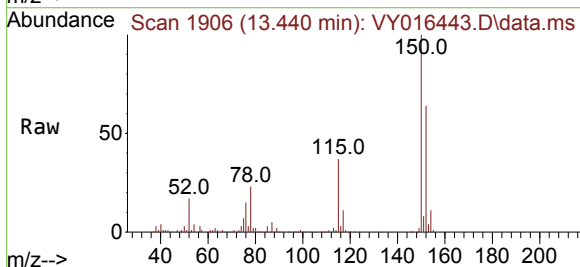
Tgt Ion:152 Resp: 82463

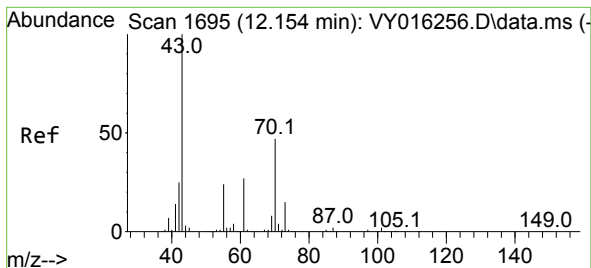
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

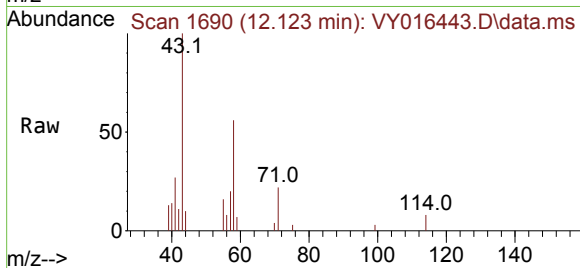
150 156.2 0.0 348.8



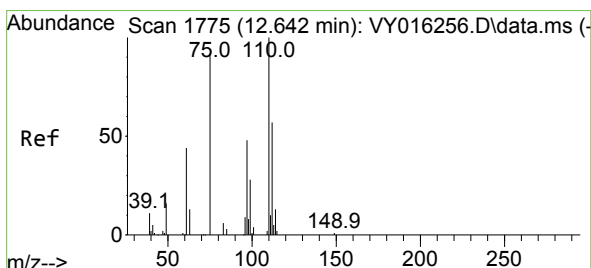
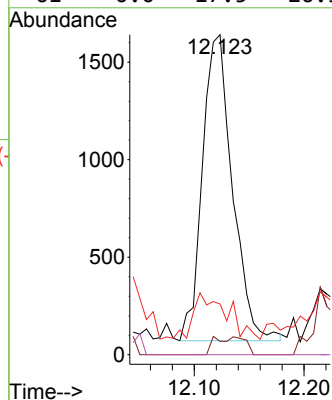
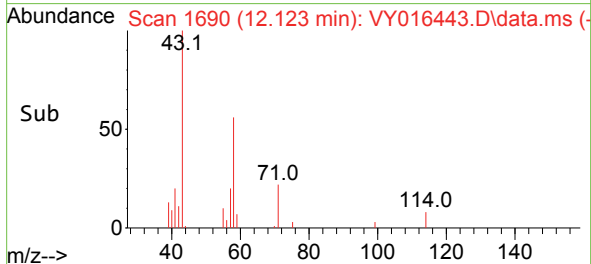


#74
N-amy1 acetate
Concen: 2.228 ug/l
RT: 12.123 min Scan# 1690
Delta R.T. -0.031 min
Lab File: VY016443.D
Acq: 21 Nov 2023 17:21

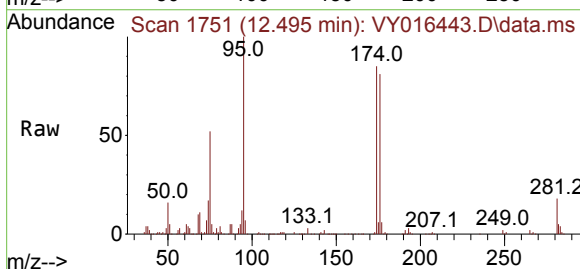
Instrument :
MSVOA_Y
ClientSampleId :



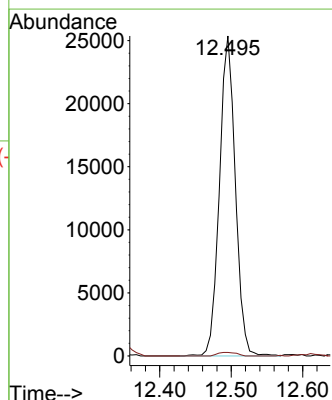
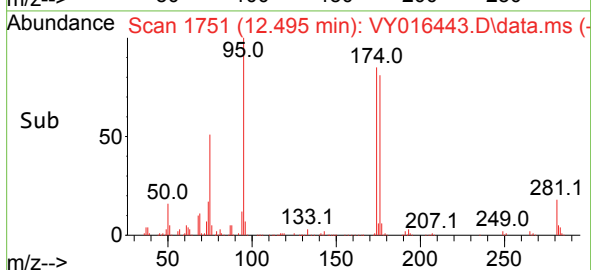
Tgt Ion: 43 Resp: 2988
Ion Ratio Lower Upper
43 100
70 5.9 29.7 44.5#
55 22.7 18.3 27.5
61 0.0 17.5 26.3#

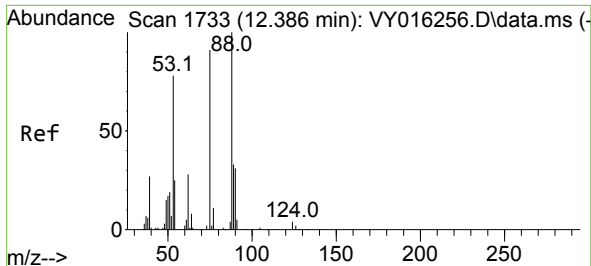


#76
1,2,3-Trichloropropane
Concen: 49.589 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY016443.D
Acq: 21 Nov 2023 17:21



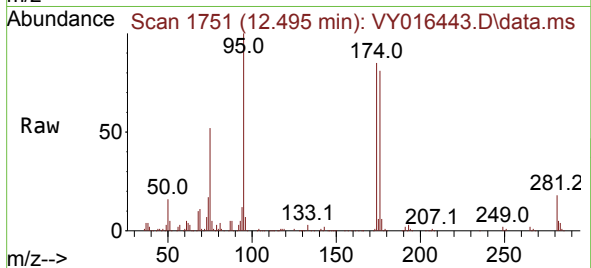
Tgt Ion: 75 Resp: 39228
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



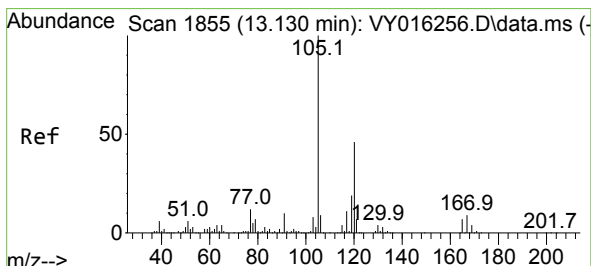
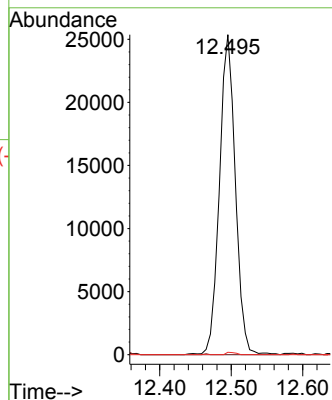
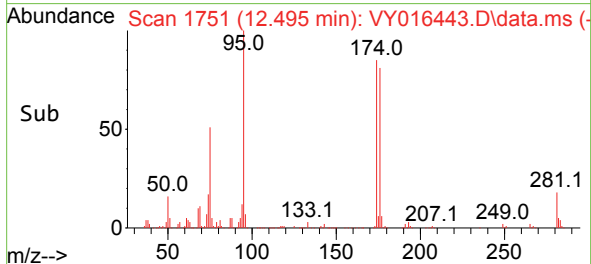


#81
trans-1,4-Dichloro-2-butene
Concen: 107.637 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.109 min
Lab File: VY016443.D
Acq: 21 Nov 2023 17:21

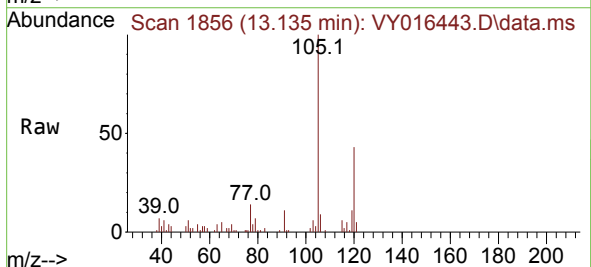
Instrument :
MSVOA_Y
ClientSampleId :



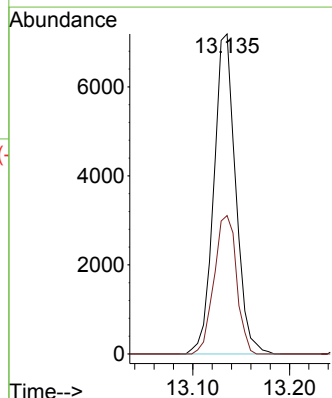
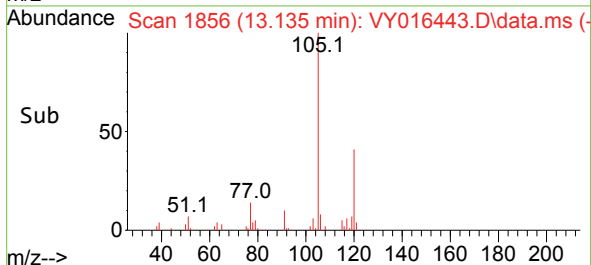
Tgt Ion: 75 Resp: 39228
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.4 37.4 56.0#

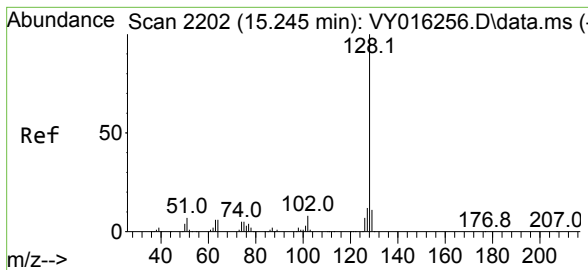


#84
1,2,4-Trimethylbenzene
Concen: 2.123 ug/l
RT: 13.135 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VY016443.D
Acq: 21 Nov 2023 17:21



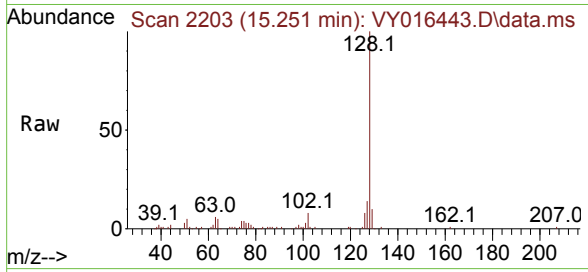
Tgt Ion: 105 Resp: 11255
Ion Ratio Lower Upper
105 100
120 44.6 22.2 66.6





#95
 Naphthalene
 Concen: 12.528 ug/l
 RT: 15.251 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY016443.D
 Acq: 21 Nov 2023 17:21

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	32541
Ion Ratio	100	Lower	Upper
128	100		
127	12.9	10.8	16.2
129	11.2	8.6	13.0

