

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016298.D
 Acq On : 10 Nov 2023 11:09
 Operator : SY/MD
 Sample : 05293-01RE
 Misc : 7.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

Quant Time: Nov 10 22:18:50 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	7.801	168	97359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	175597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	169435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	82235	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60461	67.947	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.900%
35) Dibromofluoromethane	7.728	113	54656	54.793	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.580%
50) Toluene-d8	10.191	98	205194	50.727	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.460%
62) 4-Bromofluorobenzene	12.489	95	74068	56.378	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.760%

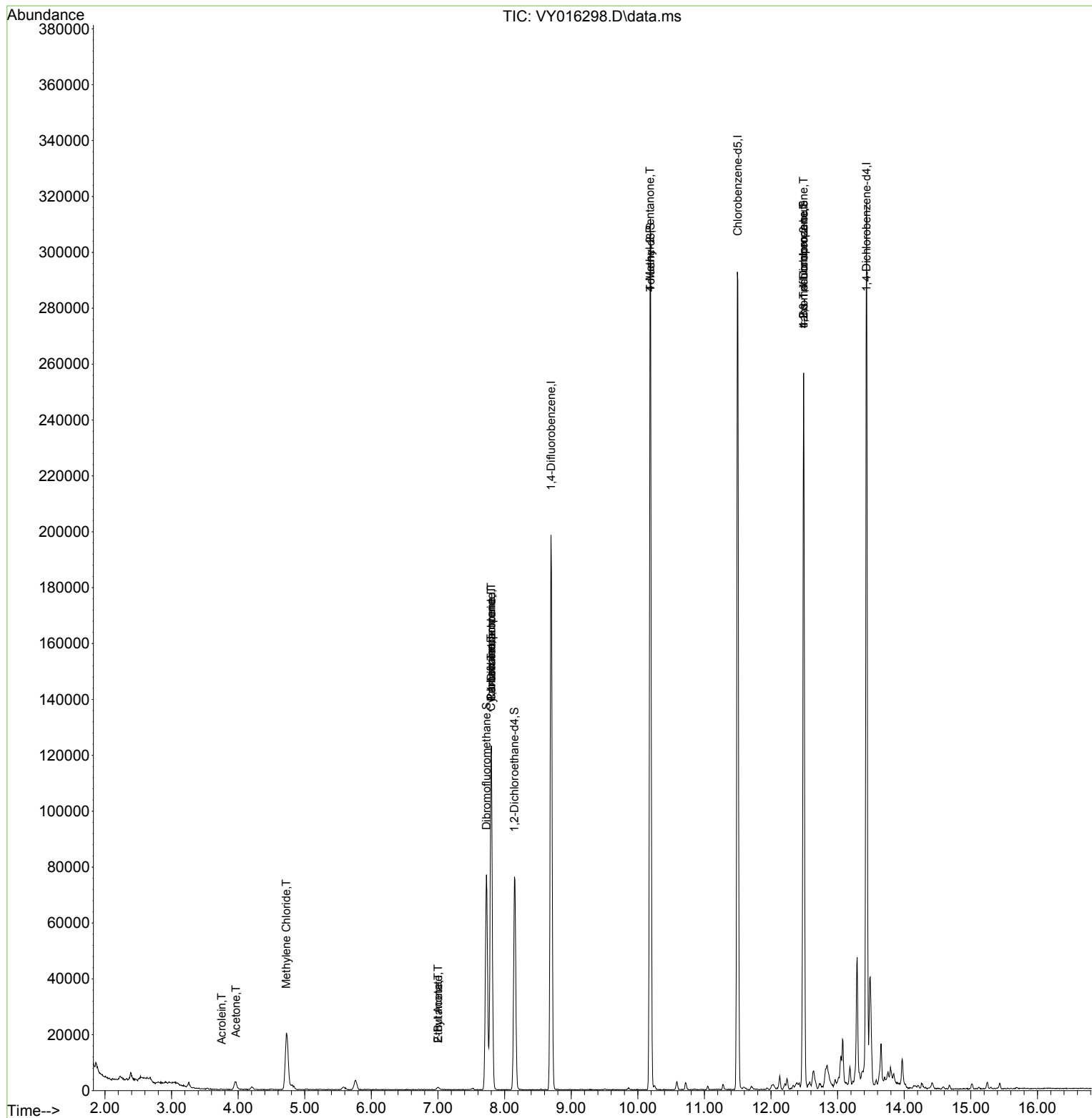
Target Compounds						Qvalue
13) Acrolein	3.753	56	154	1.832	ug/l #	14
16) Acetone	3.966	43	5307	36.056	ug/l	97
20) Methylene Chloride	4.722	84	16113	12.915	ug/l #	83
25) 2-Butanone	7.003	43	1705	6.613	ug/l	98
31) Cyclohexane	7.795	56	1878	1.072	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	7413	4.280	ug/l #	50
37) Ethyl Acetate	7.003	43	1705	2.436	ug/l #	71
38) Carbon Tetrachloride	7.801	117	9720	5.407	ug/l #	15
51) 4-Methyl-2-Pentanone	10.185	43	798	1.167	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	38090	48.284	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	38090	104.805	ug/l #	11

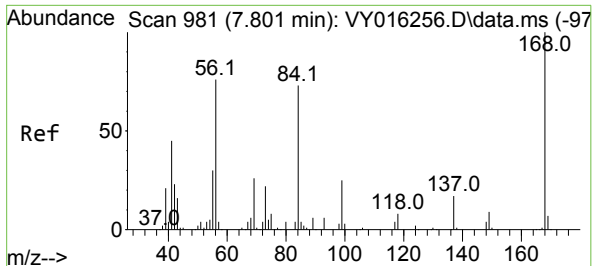
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
Data File : VY016298.D
Acq On : 10 Nov 2023 11:09
Operator : SY/MD
Sample : 05293-01RE
Misc : 7.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-1

Quant Time: Nov 10 22:18:50 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

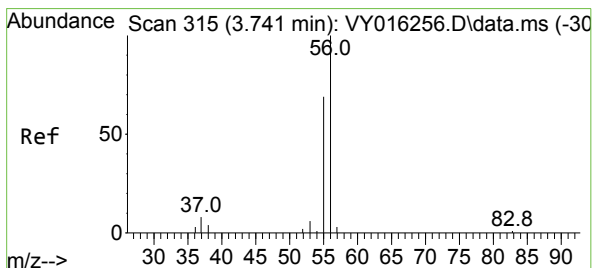
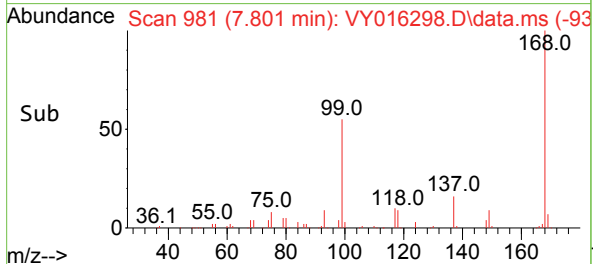
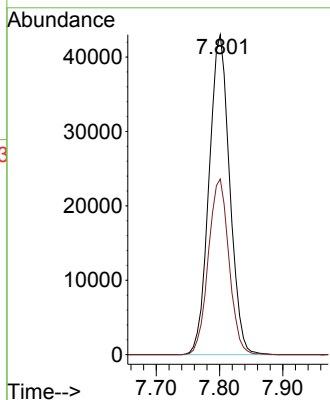
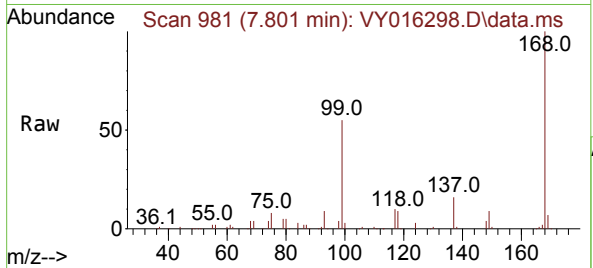




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016298.D
Acq: 10 Nov 2023 11:09

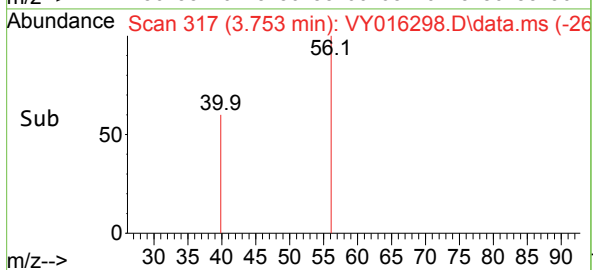
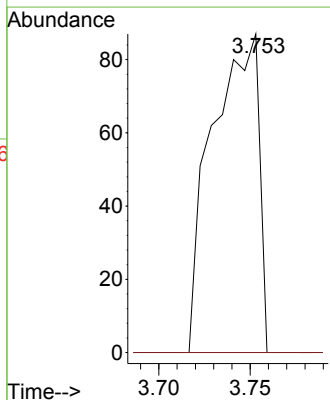
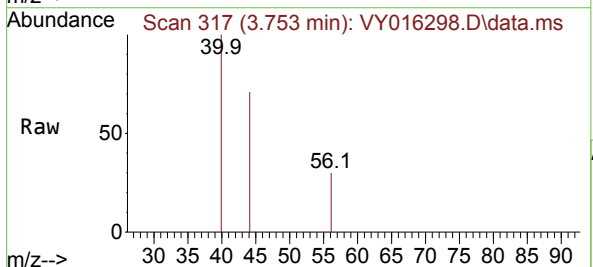
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

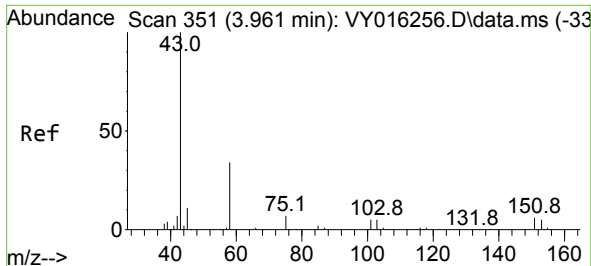
Tgt Ion:168 Resp: 97359
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#13
Acrolein
Concen: 1.832 ug/l
RT: 3.753 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY016298.D
Acq: 10 Nov 2023 11:09

Tgt Ion: 56 Resp: 154
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#

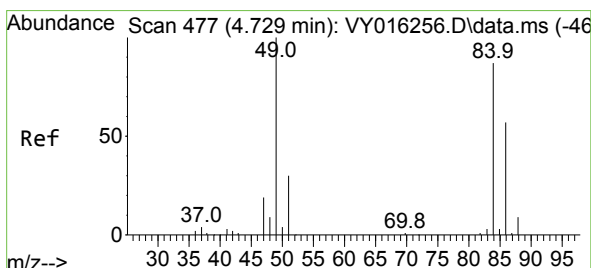
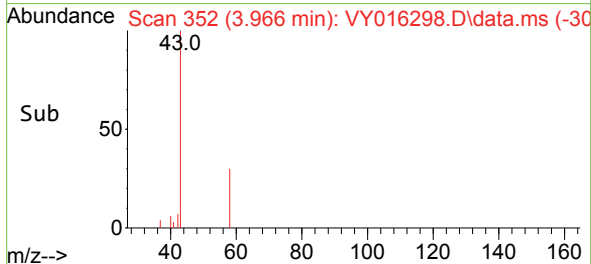
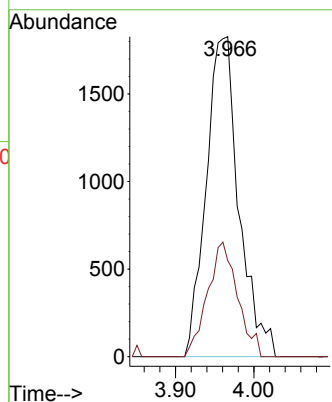
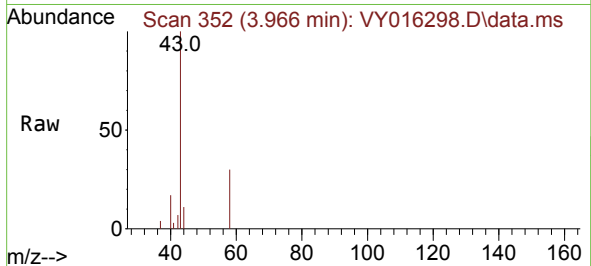




#16
Acetone
Concen: 36.056 ug/l
RT: 3.966 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY016298.D
Acq: 10 Nov 2023 11:09

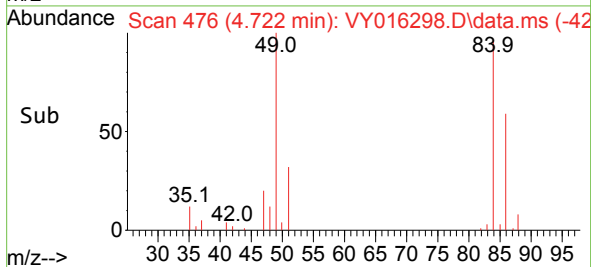
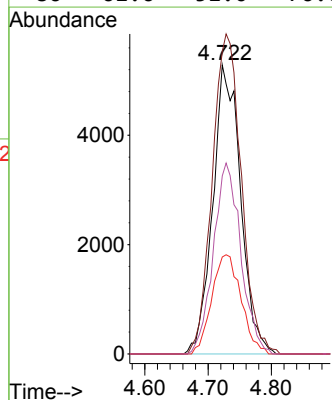
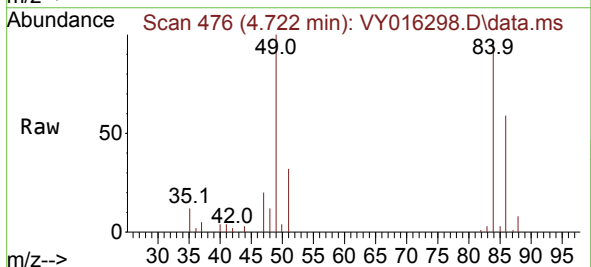
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

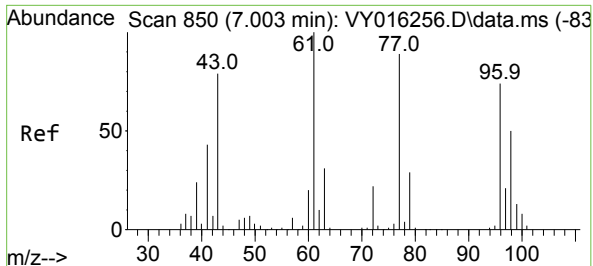
Tgt Ion: 43 Resp: 5307
Ion Ratio Lower Upper
43 100
58 30.0 22.7 34.1



#20
Methylene Chloride
Concen: 12.915 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016298.D
Acq: 10 Nov 2023 11:09

Tgt Ion: 84 Resp: 16113
Ion Ratio Lower Upper
84 100
49 104.6 106.9 160.3#
51 33.6 33.2 49.8
86 61.6 51.0 76.6





#25

2-Butanone

Concen: 6.613 ug/l

RT: 7.003 min Scan# 81

Delta R.T. -0.000 min

Lab File: VY016298.D

Acq: 10 Nov 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

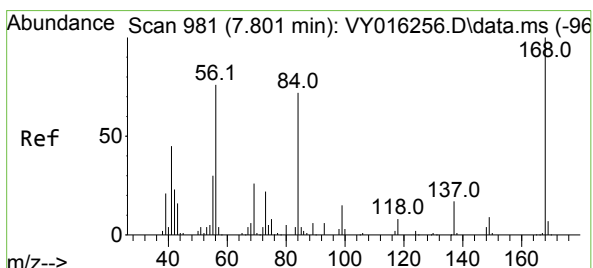
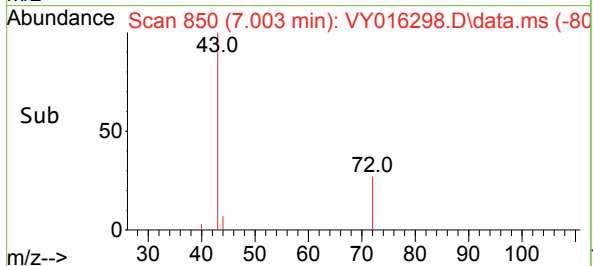
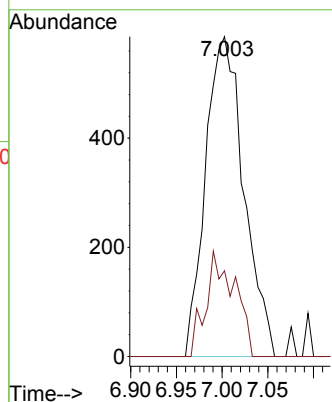
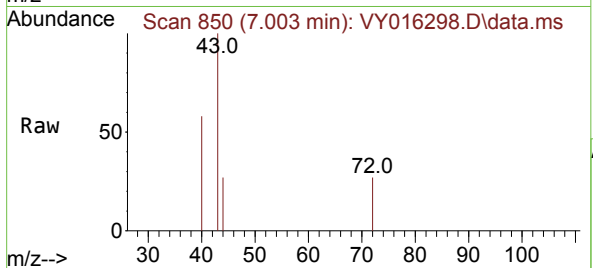
SB-1

Tgt Ion: 43 Resp: 1705

Ion Ratio Lower Upper

43 100

72 26.8 20.5 30.7



#31

Cyclohexane

Concen: 1.072 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY016298.D

Acq: 10 Nov 2023 11:09

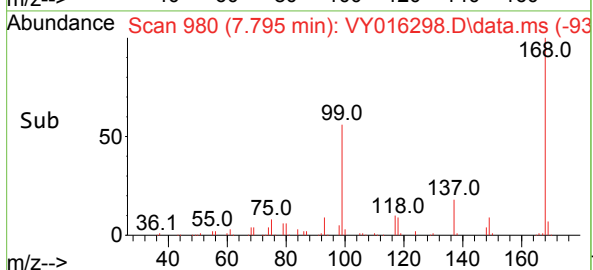
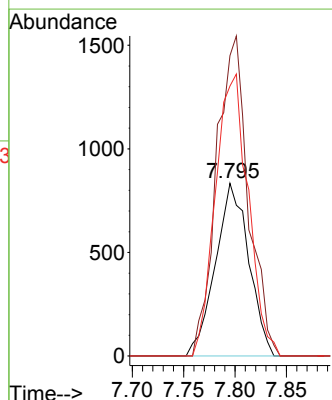
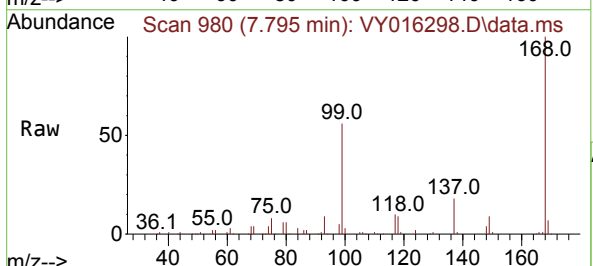
Tgt Ion: 56 Resp: 1878

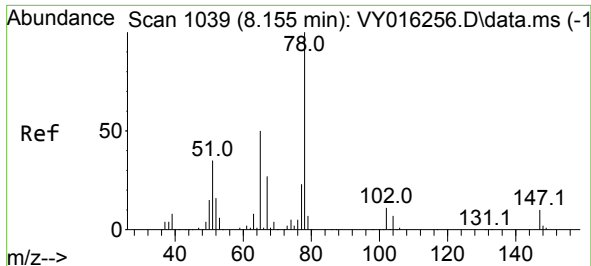
Ion Ratio Lower Upper

56 100

69 173.9 27.8 41.6#

84 156.2 66.4 99.6#

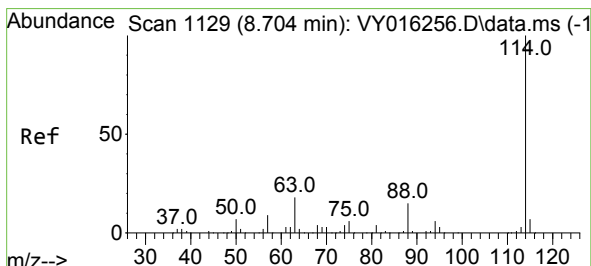
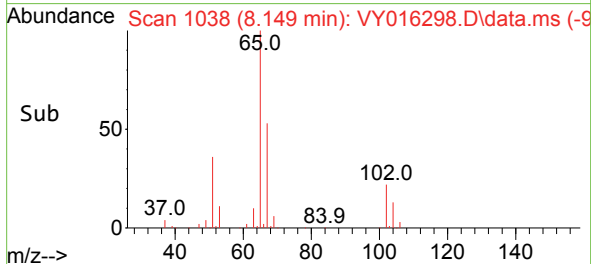
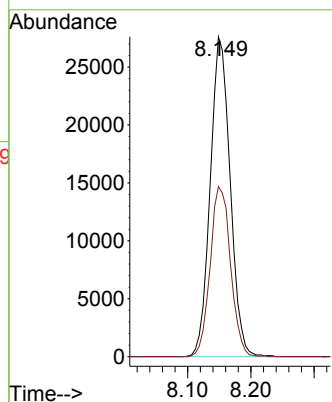
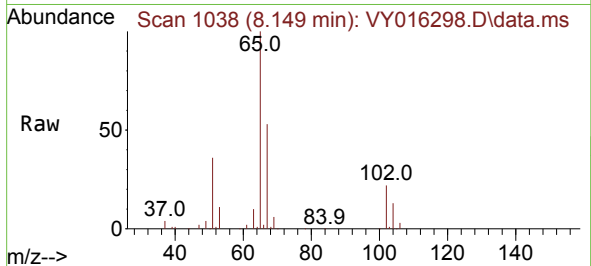




#33
1,2-Dichloroethane-d4
Concen: 67.947 ug/l
RT: 8.149 min Scan# 110
Delta R.T. -0.006 min
Lab File: VY016298.D
Acq: 10 Nov 2023 11:09

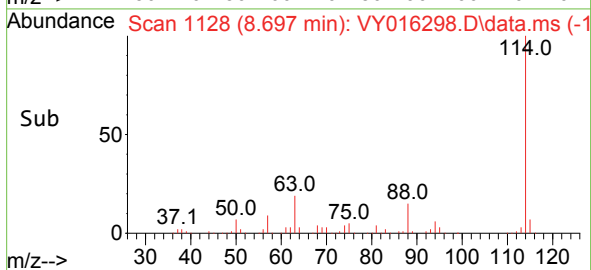
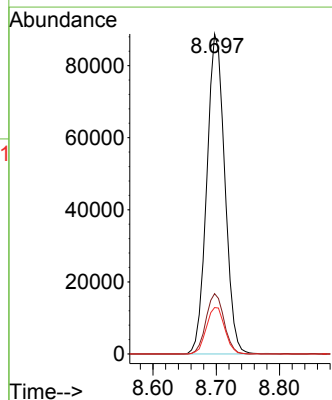
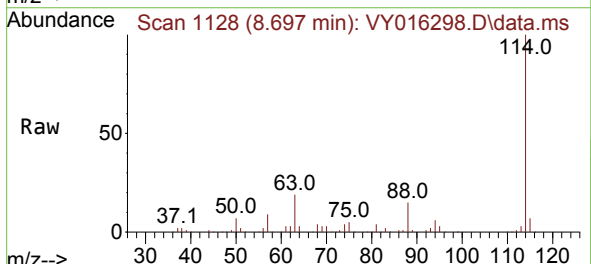
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

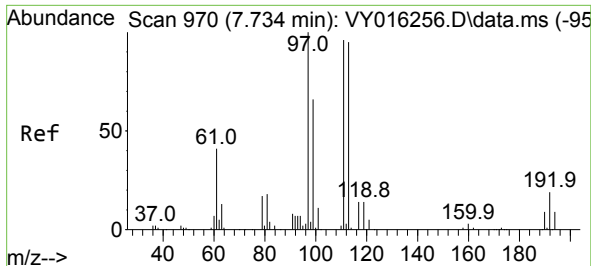
Tgt Ion: 65 Resp: 60461
Ion Ratio Lower Upper
65 100
67 54.4 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY016298.D
Acq: 10 Nov 2023 11:09

Tgt Ion: 114 Resp: 175597
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.4
88 14.5 0.0 30.6

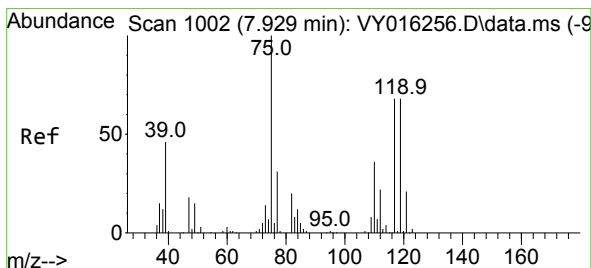
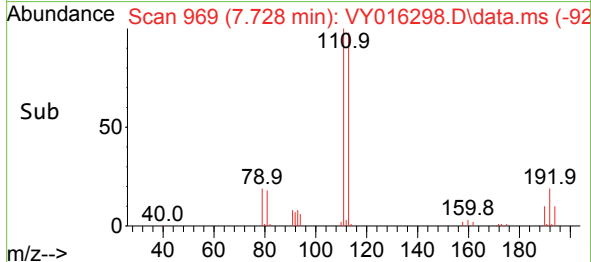
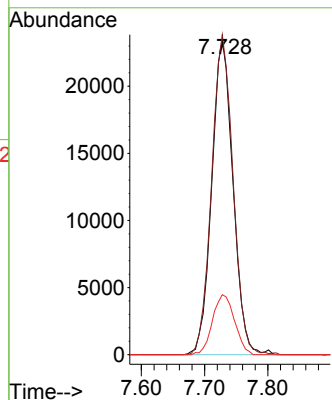
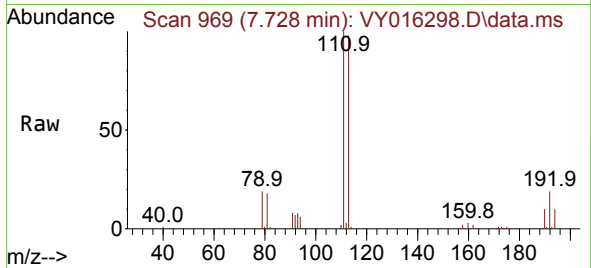




#35
 Dibromofluoromethane
 Concen: 54.793 ug/l
 RT: 7.728 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY016298.D
 Acq: 10 Nov 2023 11:09

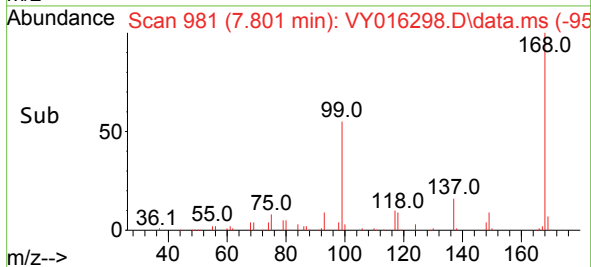
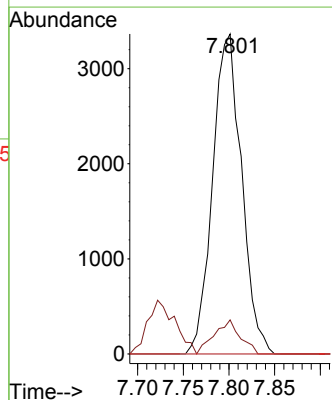
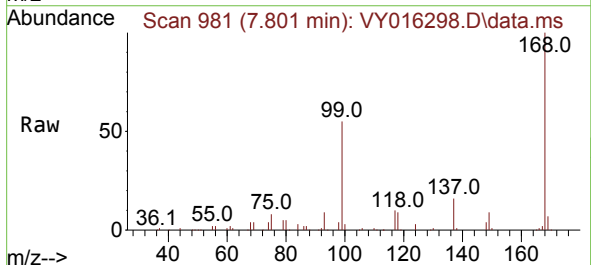
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

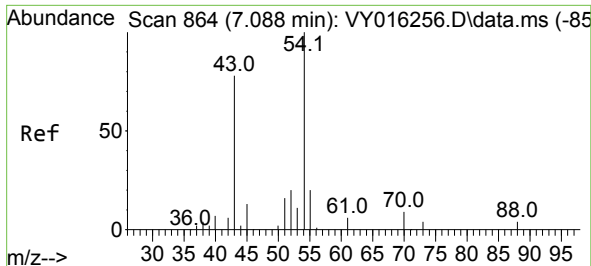
Tgt Ion:113 Resp: 54656
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.3 121.9
 192 19.8 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.280 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.128 min
 Lab File: VY016298.D
 Acq: 10 Nov 2023 11:09

Tgt Ion: 75 Resp: 7413
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.8 53.5#
 77 0.0 24.4 36.6#

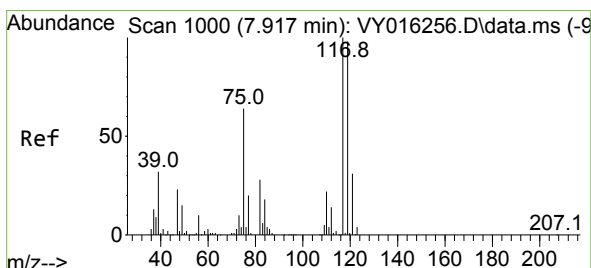
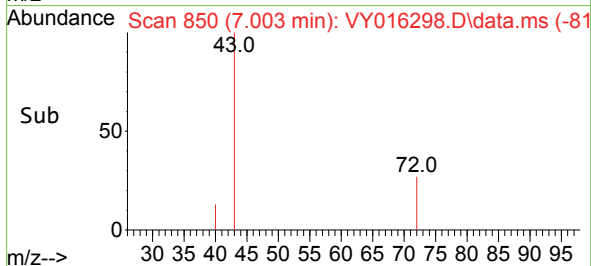
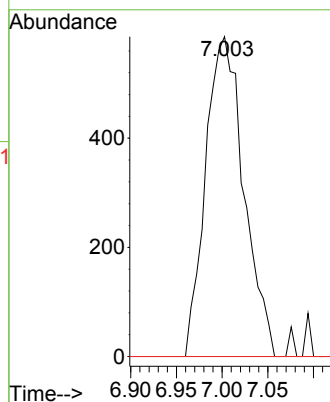
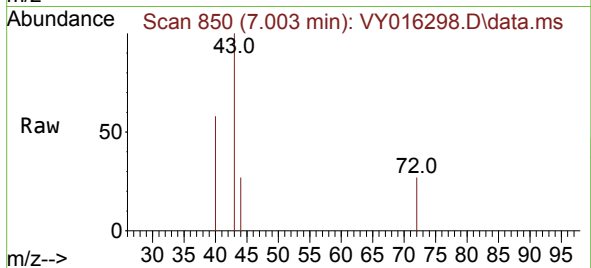




#37
Ethyl Acetate
Concen: 2.436 ug/l
RT: 7.003 min Scan# 81
Delta R.T. -0.085 min
Lab File: VY016298.D
Acq: 10 Nov 2023 11:09

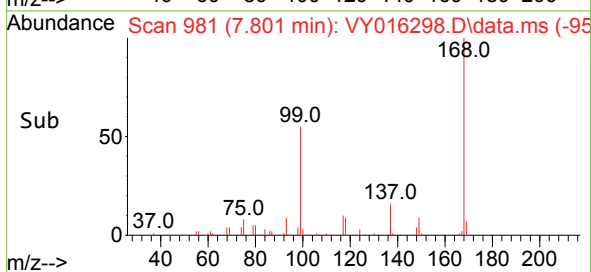
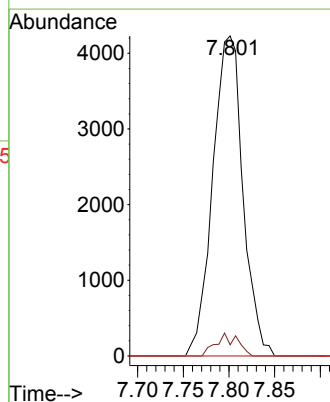
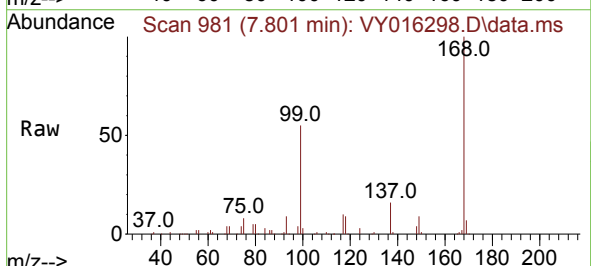
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

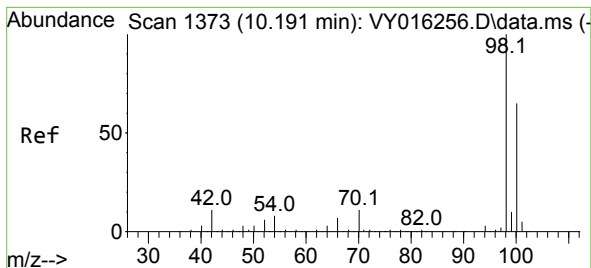
Tgt Ion: 43 Resp: 1705
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.407 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY016298.D
Acq: 10 Nov 2023 11:09

Tgt Ion: 117 Resp: 9720
Ion Ratio Lower Upper
117 100
119 3.5 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.727 ug/l

RT: 10.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016298.D

Acq: 10 Nov 2023 11:09

Instrument :

MSVOA_Y

ClientSampleId :

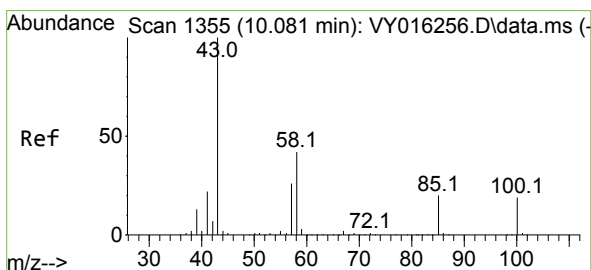
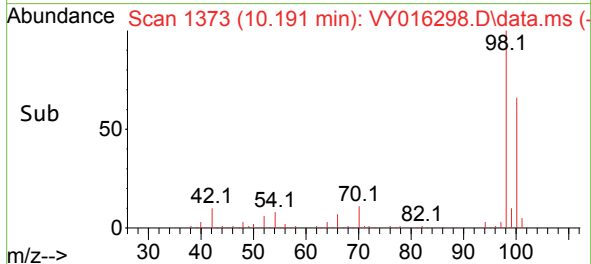
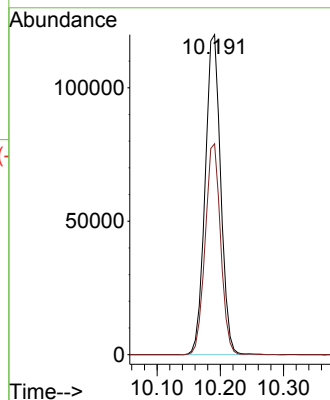
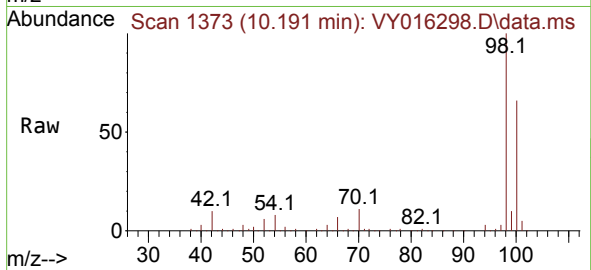
SB-1

Tgt Ion: 98 Resp: 205194

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1



#51

4-Methyl-2-Pentanone

Concen: 1.167 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.104 min

Lab File: VY016298.D

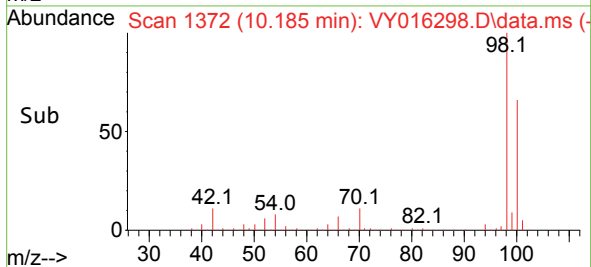
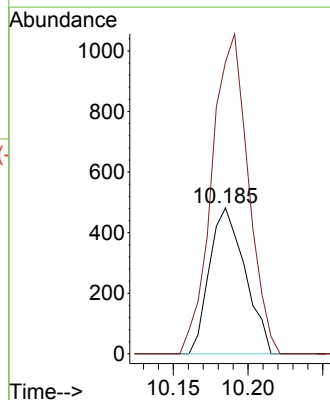
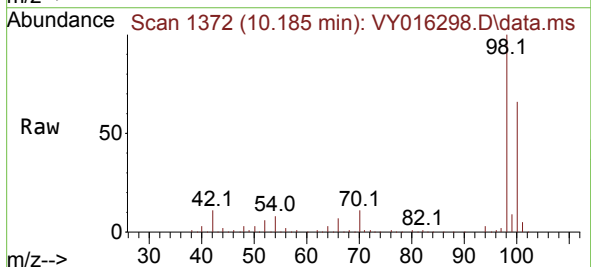
Acq: 10 Nov 2023 11:09

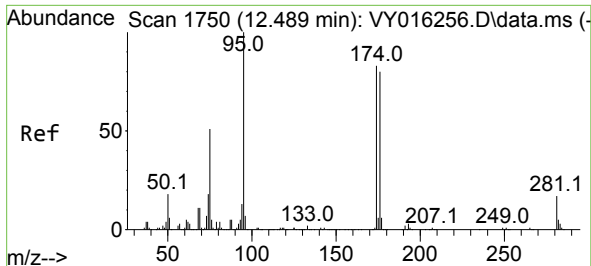
Tgt Ion: 43 Resp: 798

Ion Ratio Lower Upper

43 100

58 224.2 29.0 43.6#

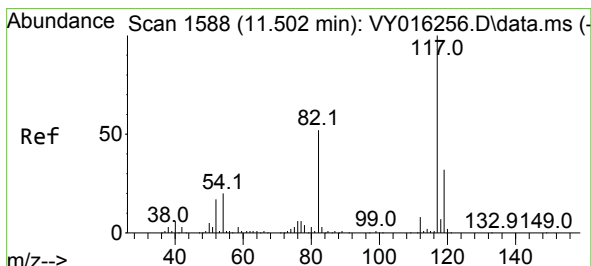
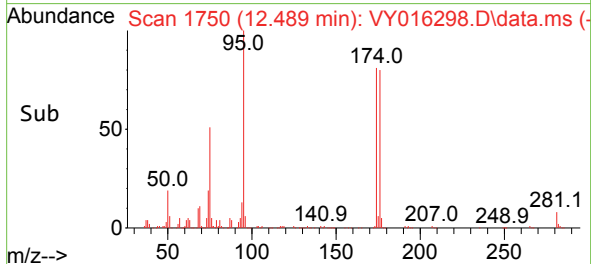
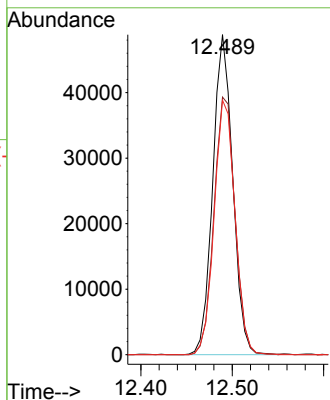
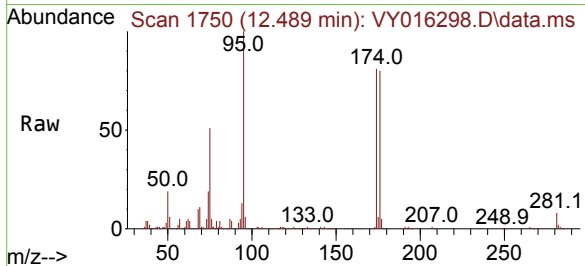




#62
4-Bromofluorobenzene
Concen: 56.378 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016298.D
Acq: 10 Nov 2023 11:09

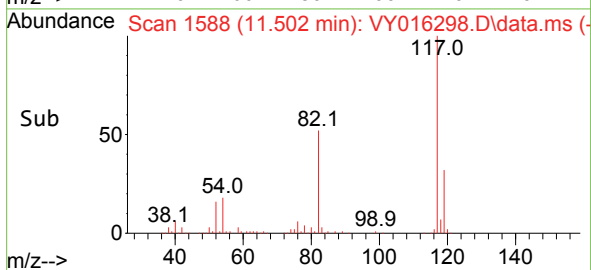
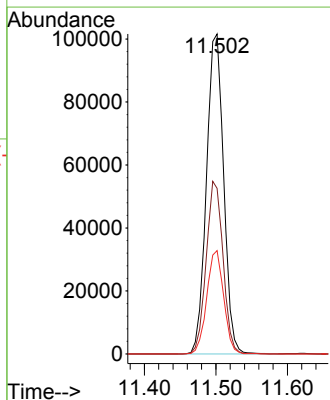
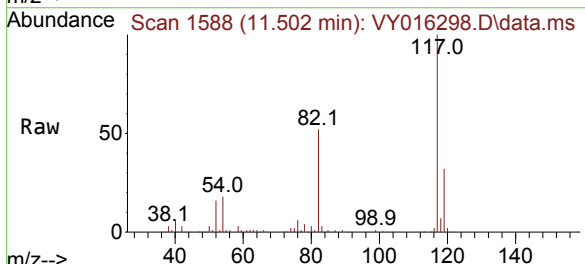
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

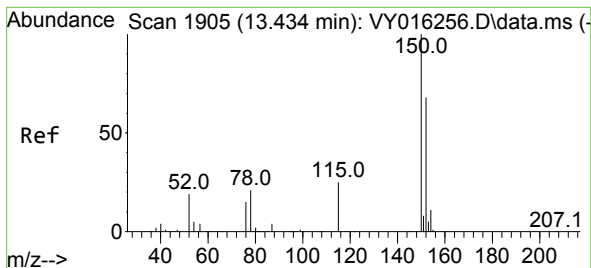
Tgt Ion: 95 Resp: 74068
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 83.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016298.D
Acq: 10 Nov 2023 11:09

Tgt Ion: 117 Resp: 169435
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 32.3 26.3 39.5

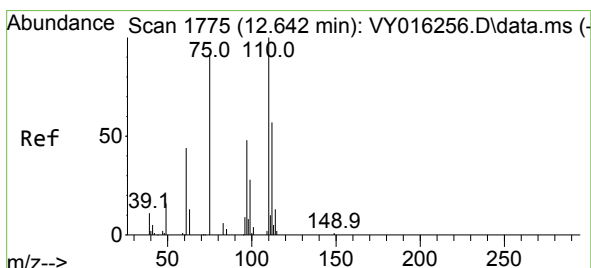
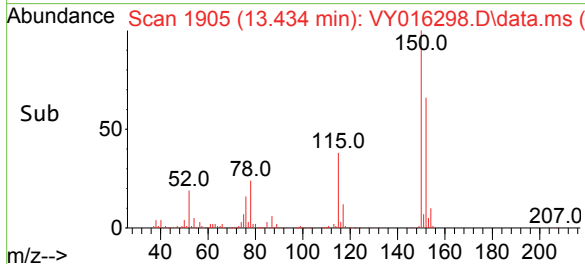
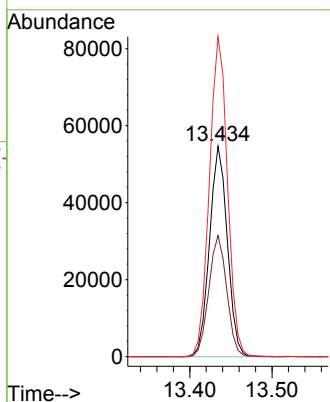
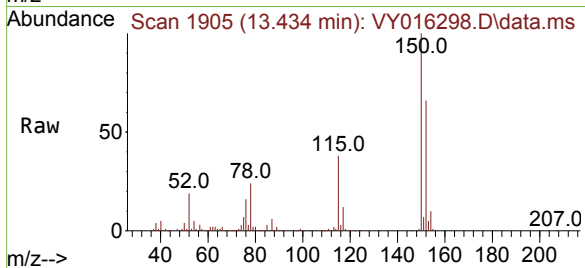




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016298.D
Acq: 10 Nov 2023 11:09

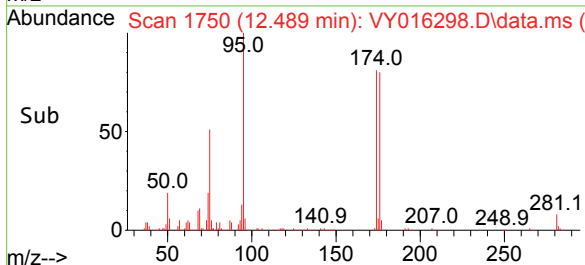
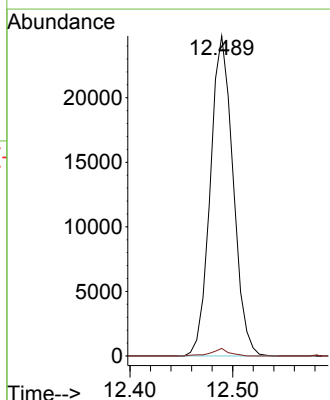
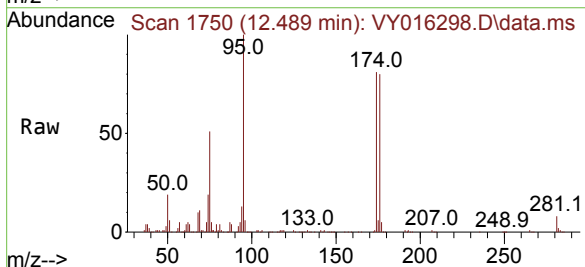
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

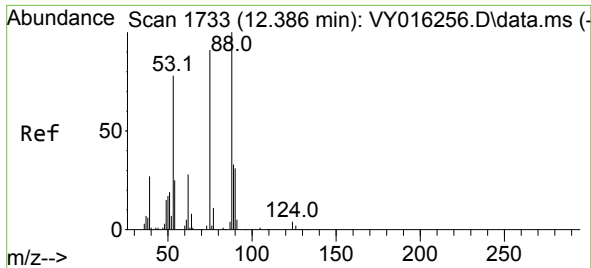
Tgt Ion:152 Resp: 82235
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 154.6 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 48.284 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016298.D
Acq: 10 Nov 2023 11:09

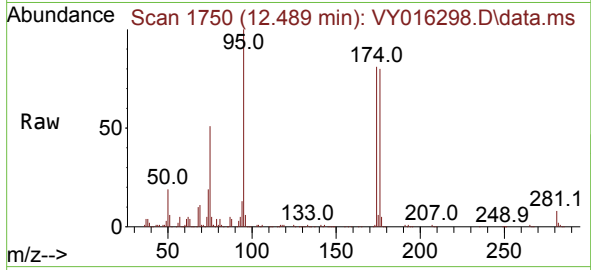
Tgt Ion: 75 Resp: 38090
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.805 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY016298.D
 Acq: 10 Nov 2023 11:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1



Tgt Ion:	75	Resp:	38090
Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.1	37.4	56.0#

