

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016539.D
 Acq On : 29 Nov 2023 16:19
 Operator : SY/MD
 Sample : 05562-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 30 03:33:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

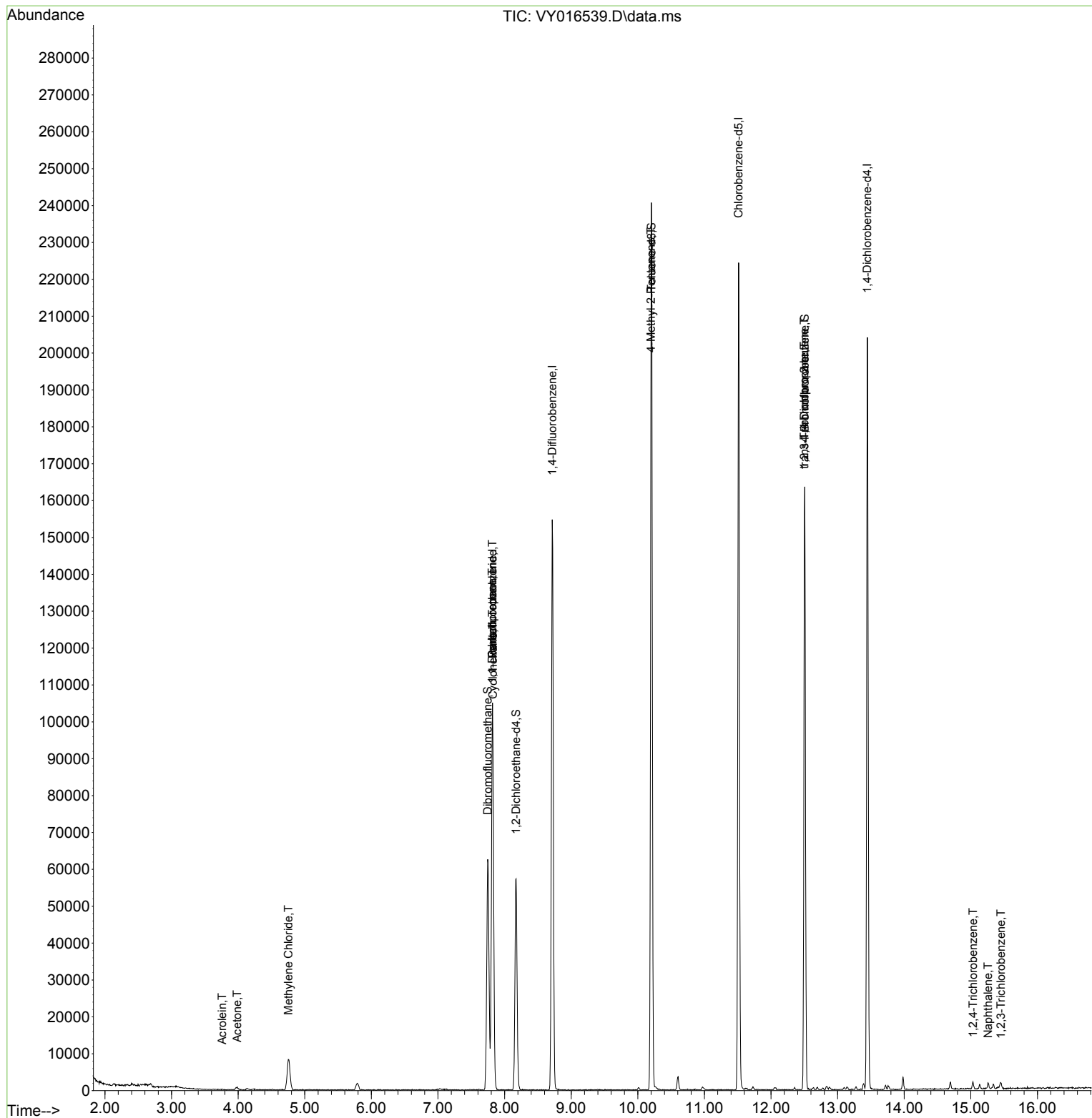
Internal Standards						
1) Pentafluorobenzene	7.819	168	85019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.716	114	145434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	134655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	56976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	46771	69.632	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.260%
35) Dibromofluoromethane	7.746	113	45437	53.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.460%
50) Toluene-d8	10.203	98	165512	49.995	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.980%
62) 4-Bromofluorobenzene	12.508	95	53160	51.187	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.380%
Target Compounds						
					Qvalue	
13) Acrolein	3.759	56	92	1.140	ug/l #	14
16) Acetone	3.985	43	1263	14.097	ug/l #	87
20) Methylene Chloride	4.753	84	7418	7.140	ug/l #	81
31) Cyclohexane	7.825	56	1428	1.211	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	5459	4.331	ug/l #	50
38) Carbon Tetrachloride	7.819	117	8114	5.485	ug/l #	14
51) 4-Methyl-2-Pentanone	10.197	43	525	1.295	ug/l #	1
76) 1,2,3-Trichloropropane	12.501	75	26260	54.893	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	26260	119.719	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.031	180	848	4.212	ug/l	89
95) Naphthalene	15.257	128	1702	5.801	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.452	180	854	5.076	ug/l	90

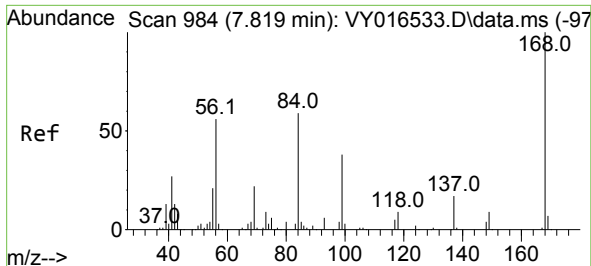
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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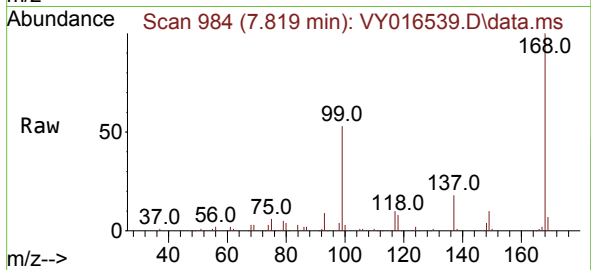
Quant Time: Nov 30 03:33:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
Quant Title : SW846 8260
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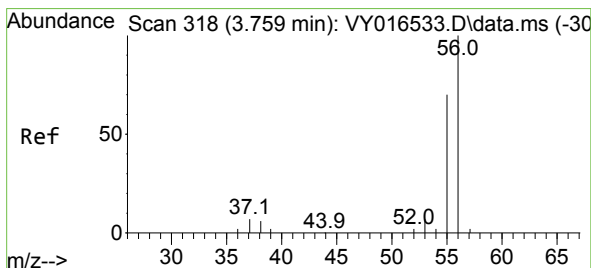
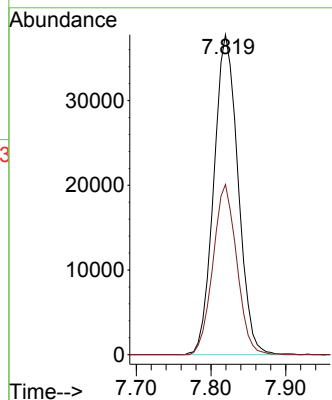
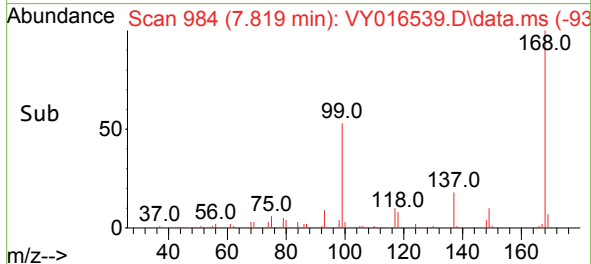


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY016539.D
Acq: 29 Nov 2023 16:19

Instrument :
MSVOA_Y
ClientSampleId :

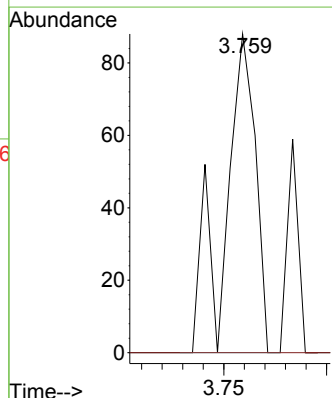
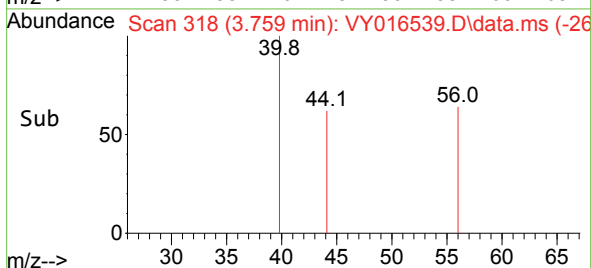
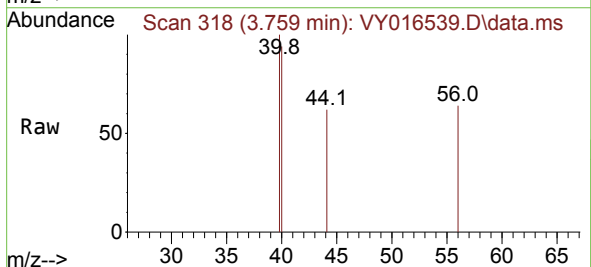


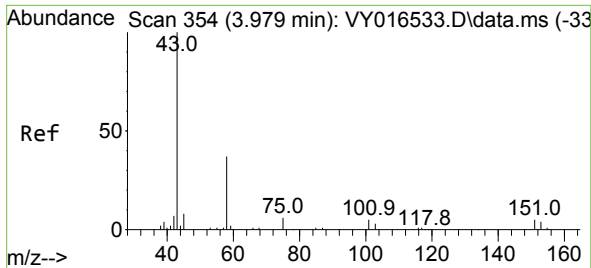
Tgt Ion:168 Resp: 85019
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#13
Acrolein
Concen: 1.140 ug/l
RT: 3.759 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY016539.D
Acq: 29 Nov 2023 16:19

Tgt Ion: 56 Resp: 92
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#

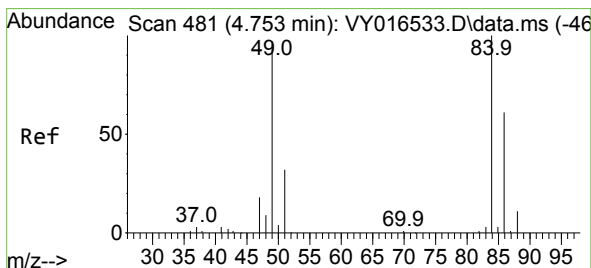
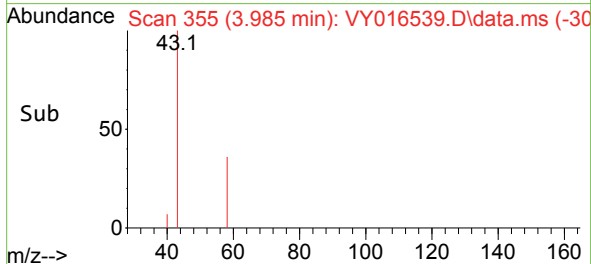
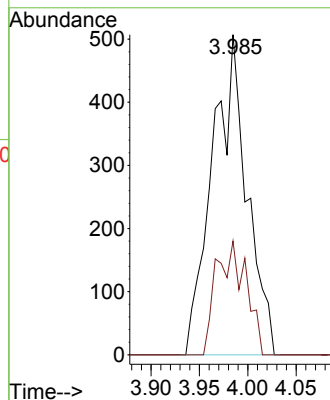
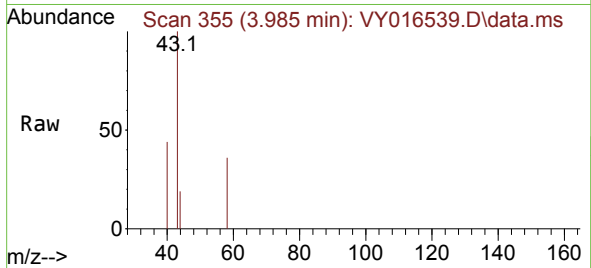




#16
Acetone
Concen: 14.097 ug/l
RT: 3.985 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY016539.D
Acq: 29 Nov 2023 16:19

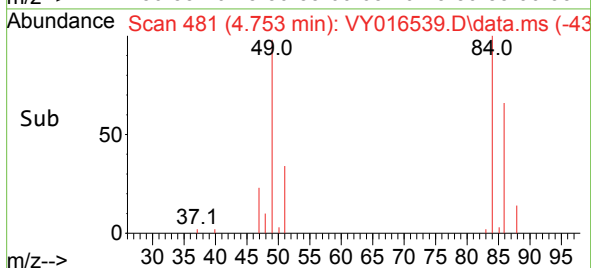
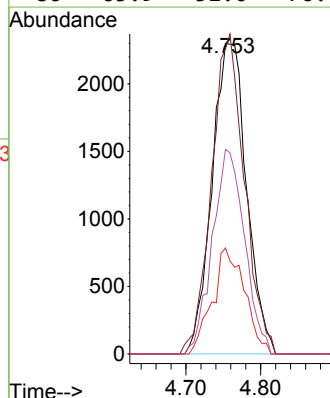
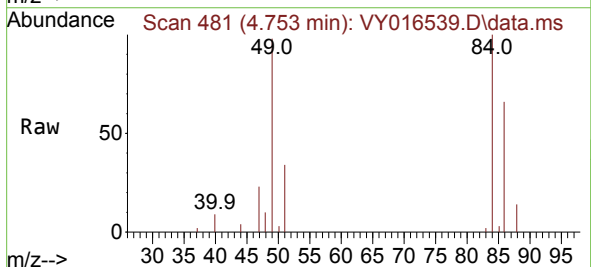
Instrument :
MSVOA_Y
ClientSampleId :

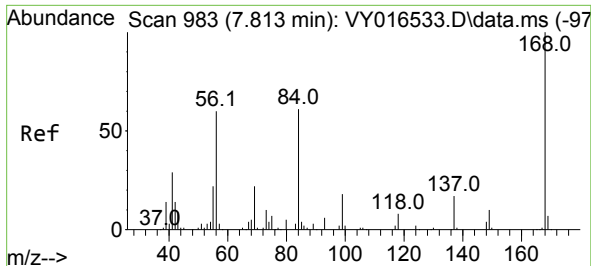
Tgt Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
58 35.5 22.7 34.1#



#20
Methylene Chloride
Concen: 7.140 ug/l
RT: 4.753 min Scan# 481
Delta R.T. -0.000 min
Lab File: VY016539.D
Acq: 29 Nov 2023 16:19

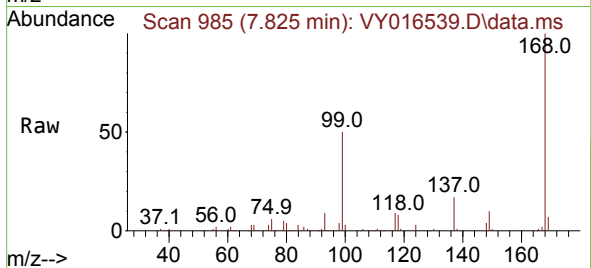
Tgt Ion: 84 Resp: 7418
Ion Ratio Lower Upper
84 100
49 98.3 106.9 160.3#
51 34.1 33.2 49.8
86 65.9 51.0 76.6



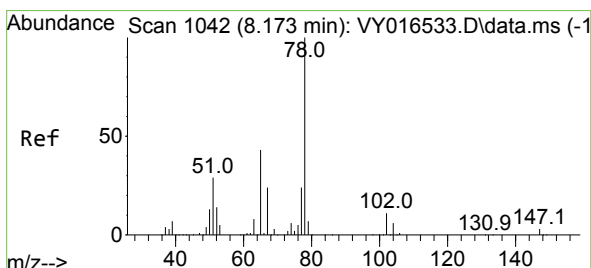
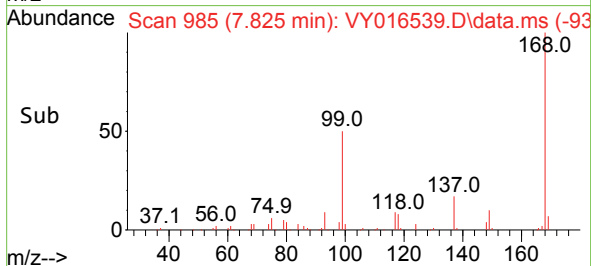
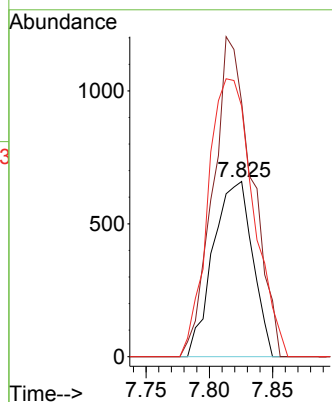


#31
Cyclohexane
Concen: 1.211 ug/l
RT: 7.825 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY016539.D
Acq: 29 Nov 2023 16:19

Instrument :
MSVOA_Y
ClientSampleId :

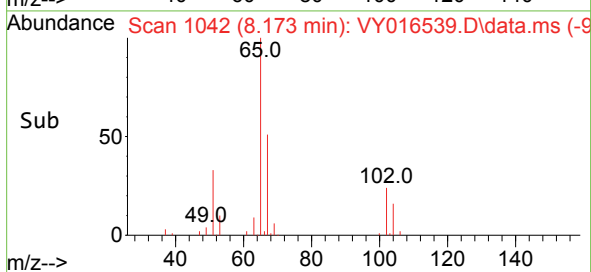
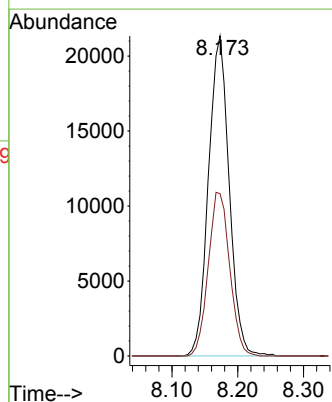
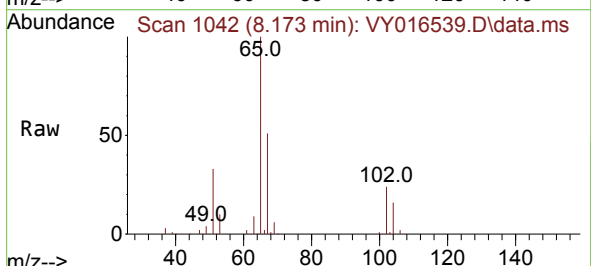


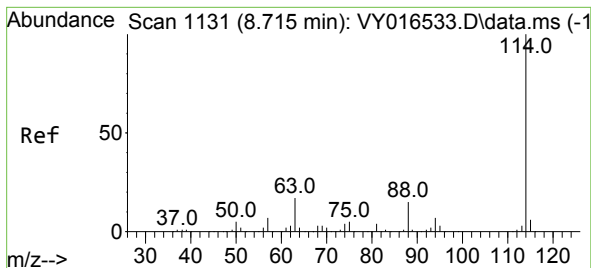
Tgt Ion: 56 Resp: 1428
Ion Ratio Lower Upper
56 100
69 145.2 27.8 41.6#
84 143.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 69.632 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY016539.D
Acq: 29 Nov 2023 16:19

Tgt Ion: 65 Resp: 46771
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY016539.D

Acq: 29 Nov 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :

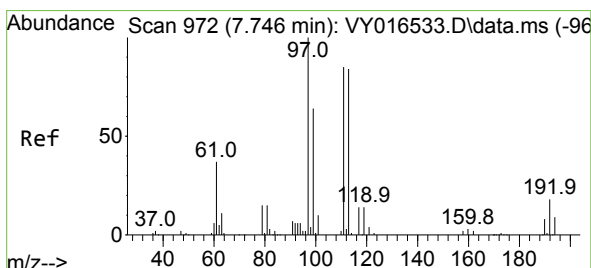
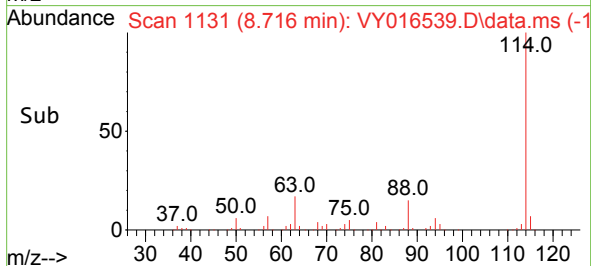
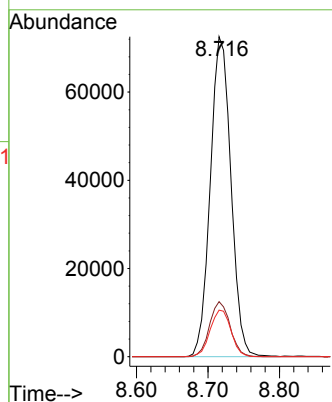
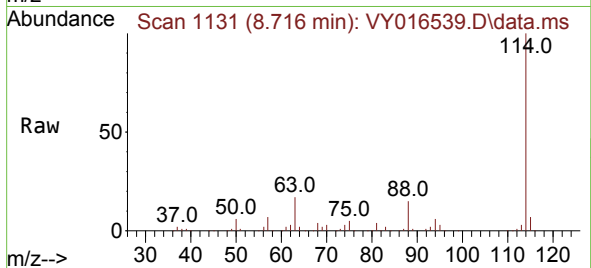
Tgt Ion:114 Resp: 145434

Ion Ratio Lower Upper

114 100

63 17.2 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.232 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.000 min

Lab File: VY016539.D

Acq: 29 Nov 2023 16:19

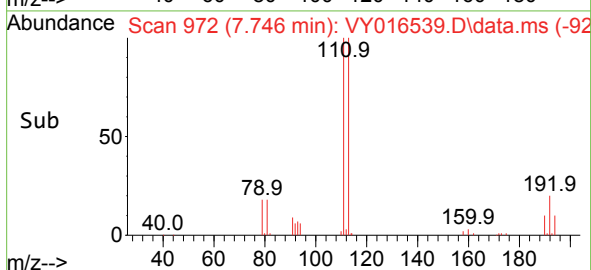
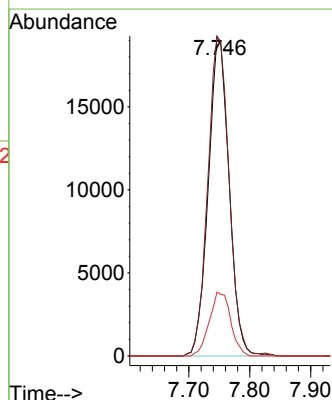
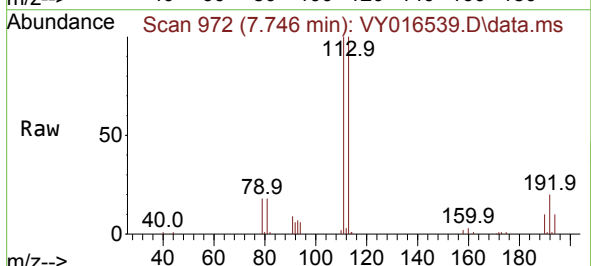
Tgt Ion:113 Resp: 45437

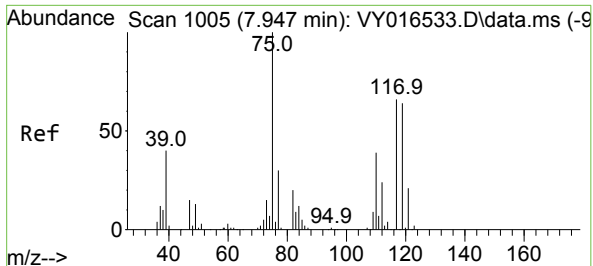
Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 20.5 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.331 ug/l

RT: 7.813 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY016539.D

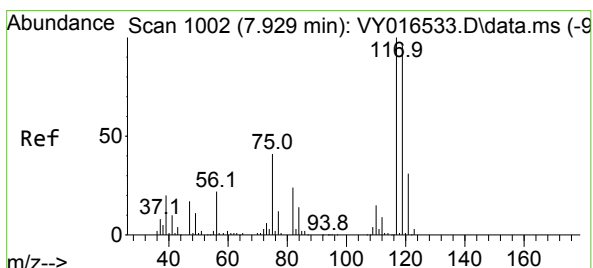
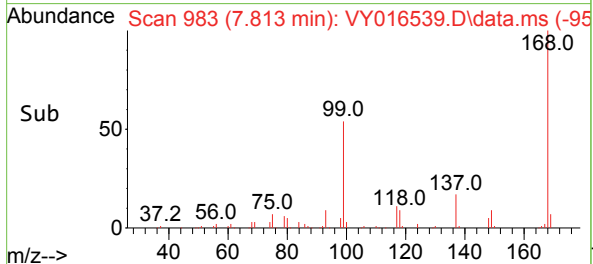
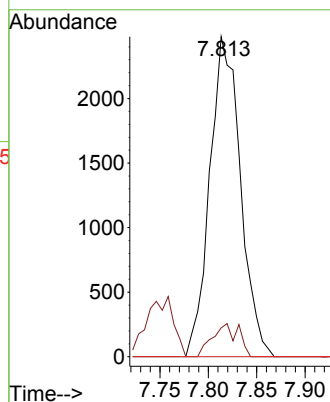
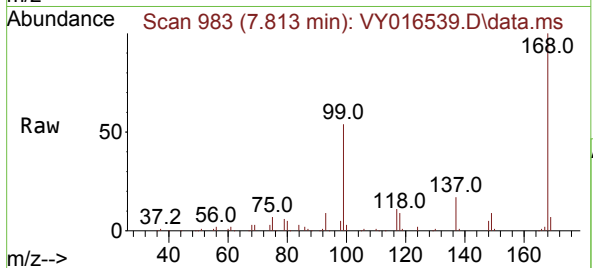
Acq: 29 Nov 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 5459
Ion Ratio	Lower Upper
75 100	
110 8.8	17.8 53.5#
77 0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.485 ug/l

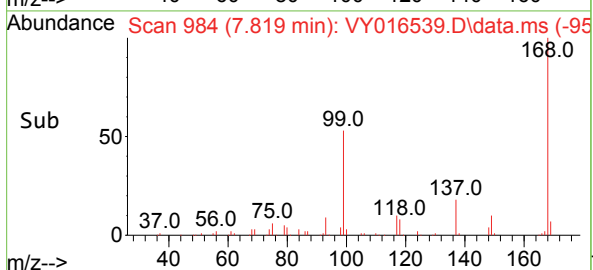
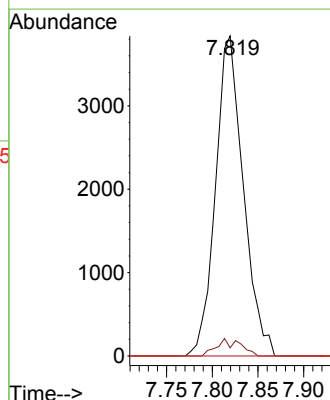
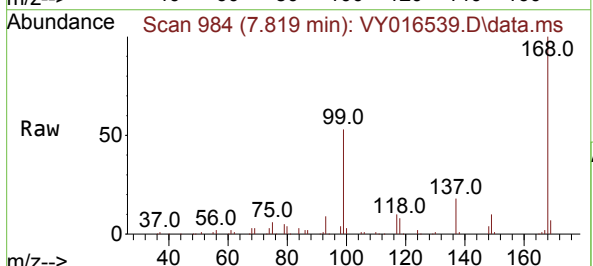
RT: 7.819 min Scan# 984

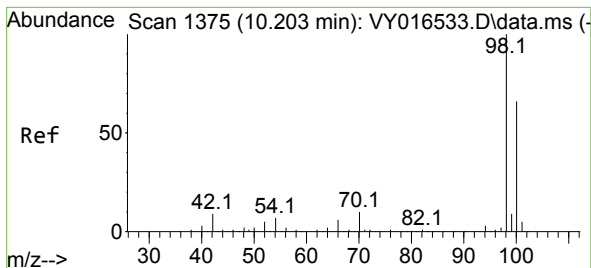
Delta R.T. -0.110 min

Lab File: VY016539.D

Acq: 29 Nov 2023 16:19

Tgt Ion: 117	Resp: 8114
Ion Ratio	Lower Upper
117 100	
119 2.6	76.4 114.6#
121 0.0	25.8 38.6#





#50

Toluene-d8

Concen: 49.995 ug/l

RT: 10.203 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016539.D

Acq: 29 Nov 2023 16:19

Instrument :

MSVOA_Y

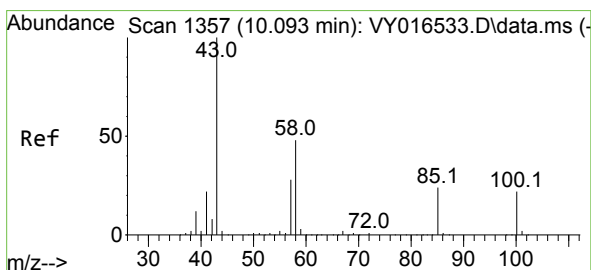
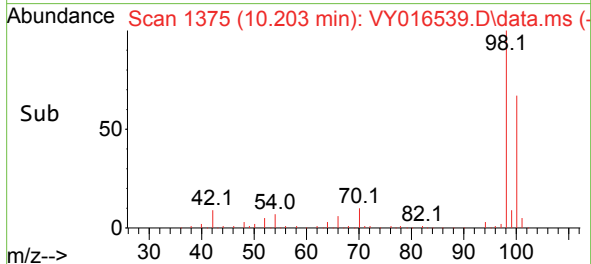
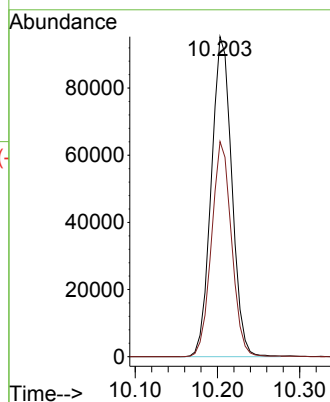
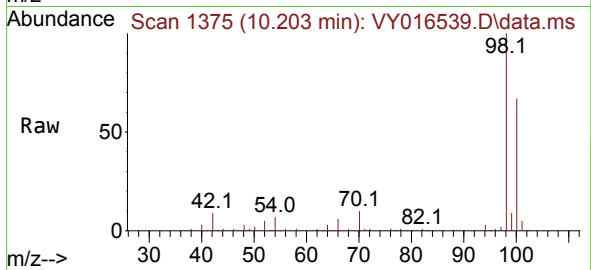
ClientSampleId :

Tgt Ion: 98 Resp: 165512

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1



#51

4-Methyl-2-Pentanone

Concen: 1.295 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.104 min

Lab File: VY016539.D

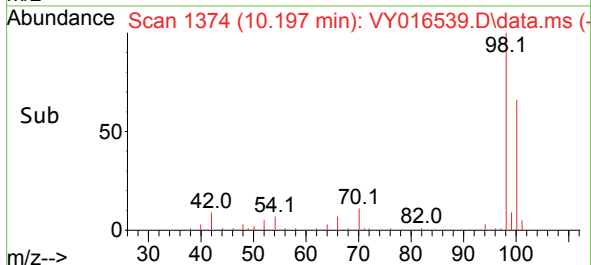
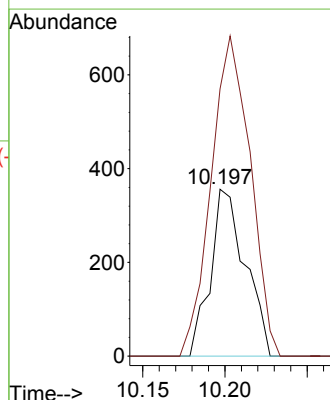
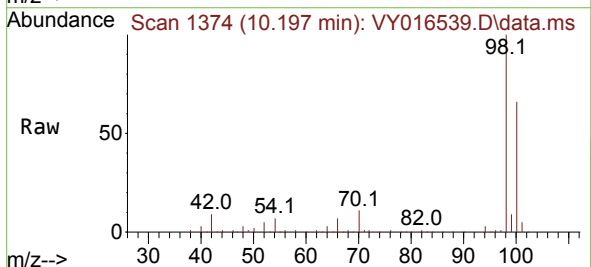
Acq: 29 Nov 2023 16:19

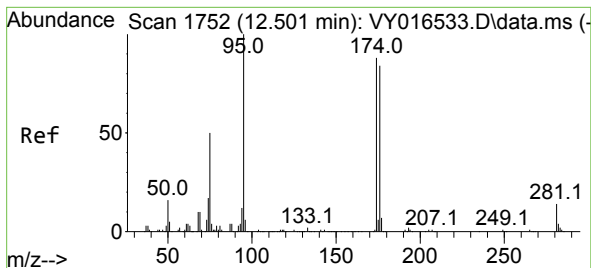
Tgt Ion: 43 Resp: 525

Ion Ratio Lower Upper

43 100

58 215.8 29.0 43.6#

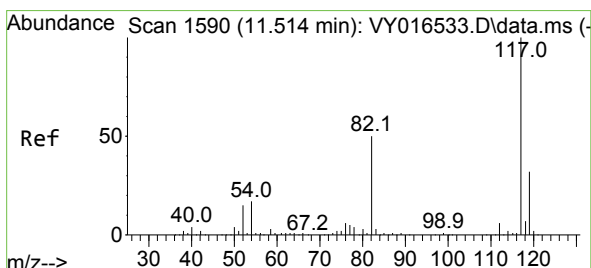
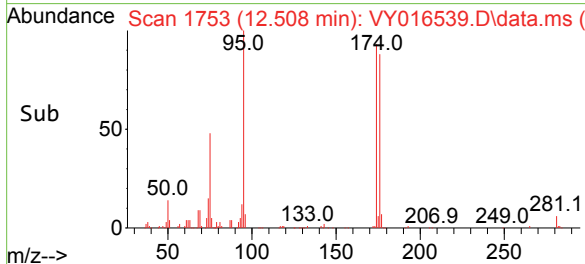
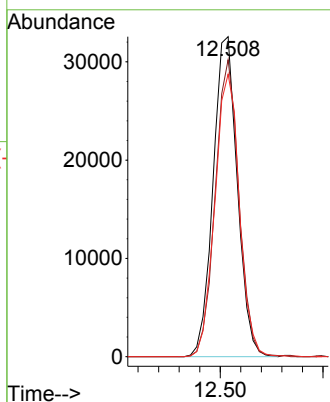
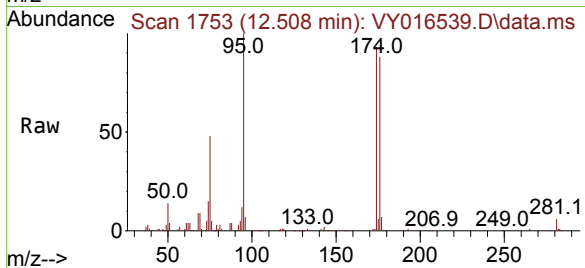




#62
4-Bromofluorobenzene
Concen: 51.187 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY016539.D
Acq: 29 Nov 2023 16:19

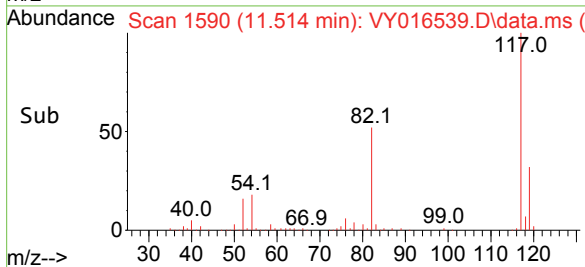
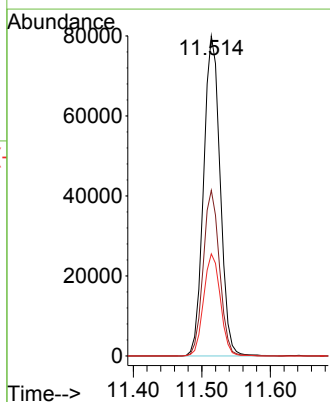
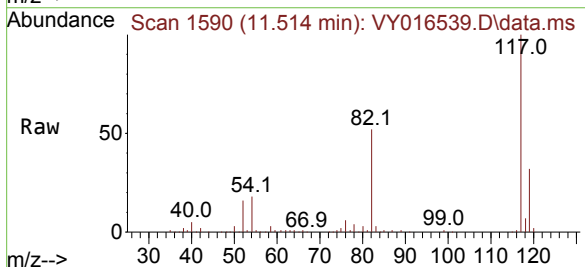
Instrument :
MSVOA_Y
ClientSampleId :

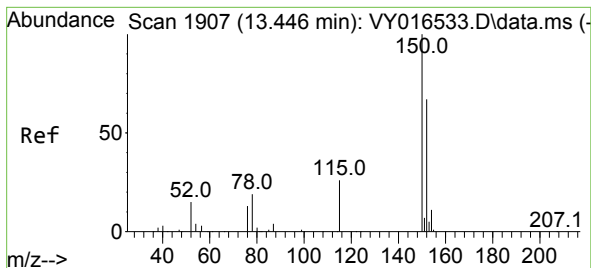
Tgt Ion: 95 Resp: 53160
Ion Ratio Lower Upper
95 100
174 90.8 0.0 178.2
176 89.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY016539.D
Acq: 29 Nov 2023 16:19

Tgt Ion: 117 Resp: 134655
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 31.9 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

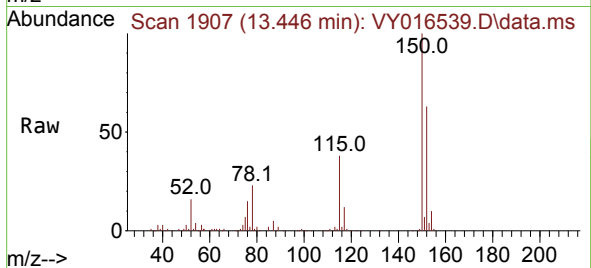
Lab File: VY016539.D

Acq: 29 Nov 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :



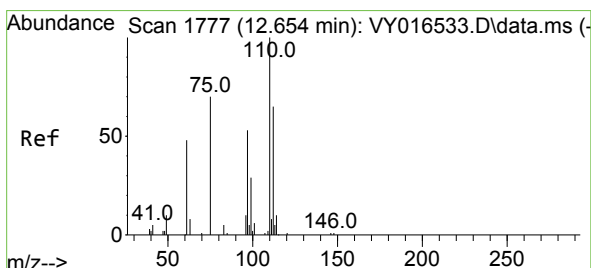
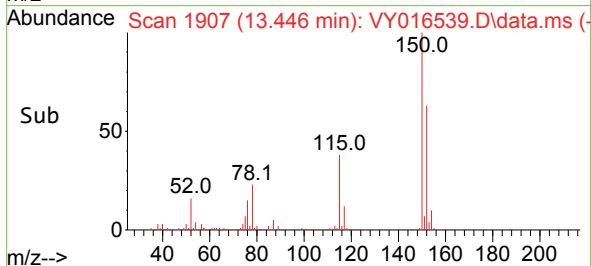
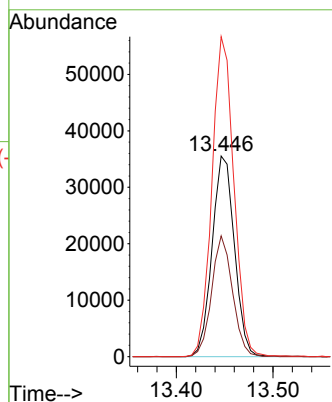
Tgt Ion:152 Resp: 56976

Ion Ratio Lower Upper

152 100

115 56.4 28.8 86.5

150 157.0 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 54.893 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY016539.D

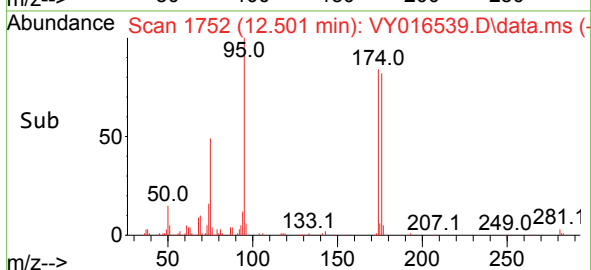
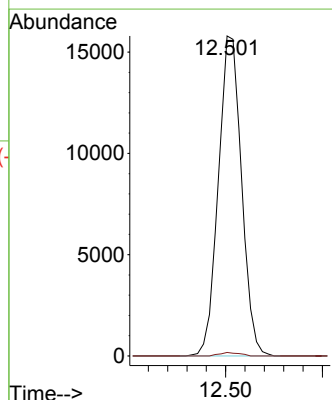
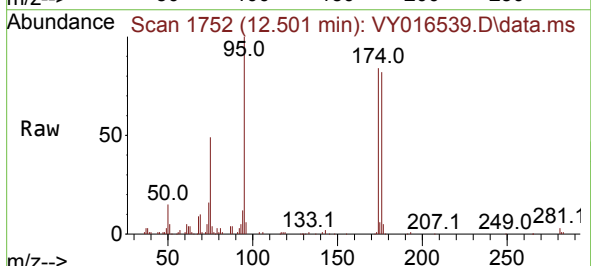
Acq: 29 Nov 2023 16:19

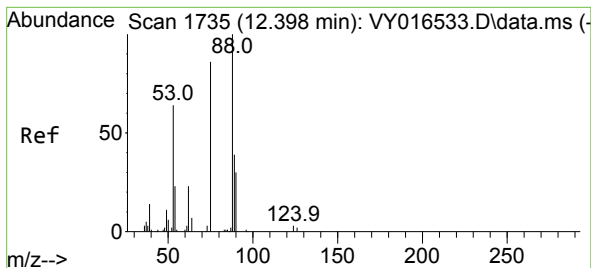
Tgt Ion: 75 Resp: 26260

Ion Ratio Lower Upper

75 100

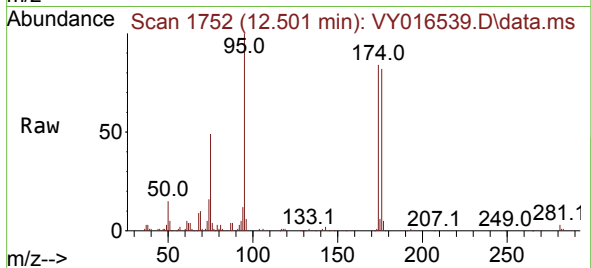
77 0.9 0.0 0.0#



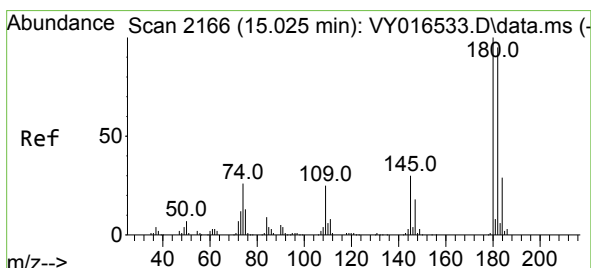
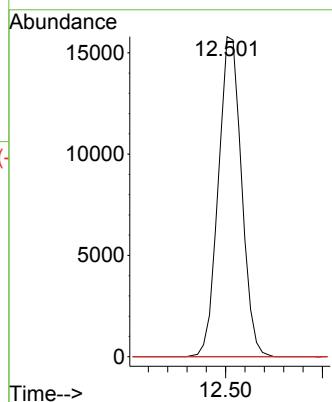
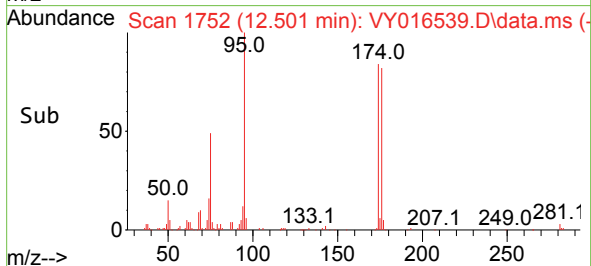


#81
trans-1,4-Dichloro-2-butene
Concen: 119.719 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.104 min
Lab File: VY016539.D
Acq: 29 Nov 2023 16:19

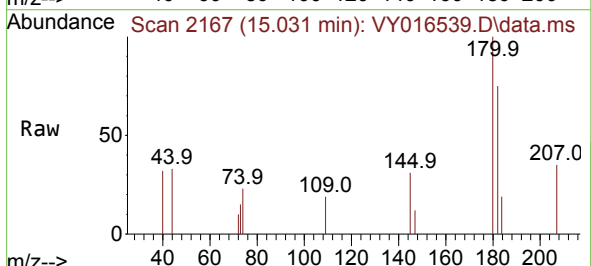
Instrument :
MSVOA_Y
ClientSampleId :



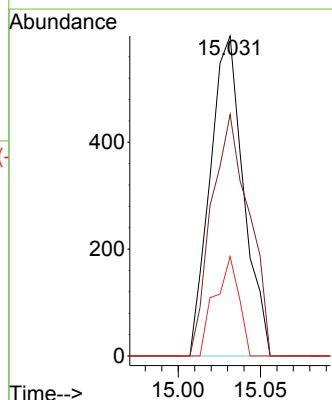
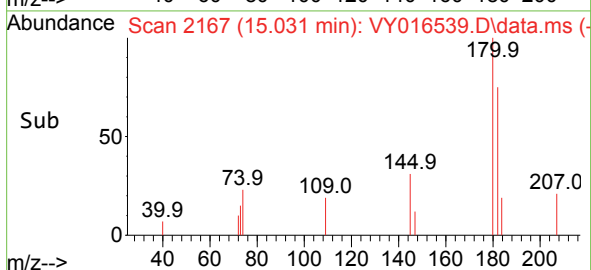
Tgt Ion: 75 Resp: 26260
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

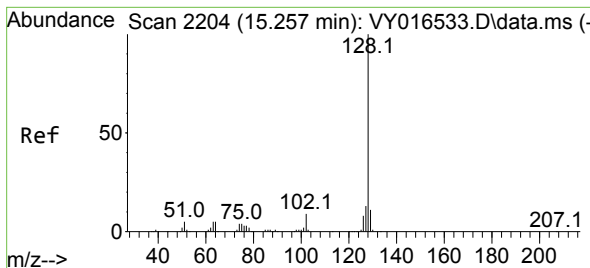


#93
1,2,4-Trichlorobenzene
Concen: 4.212 ug/l
RT: 15.031 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VY016539.D
Acq: 29 Nov 2023 16:19



Tgt Ion: 180 Resp: 848
Ion Ratio Lower Upper
180 100
182 84.6 47.0 141.2
145 22.2 14.5 43.5





#95

Naphthalene

Concen: 5.801 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.000 min

Lab File: VY016539.D

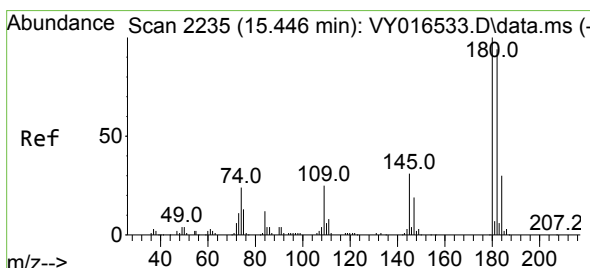
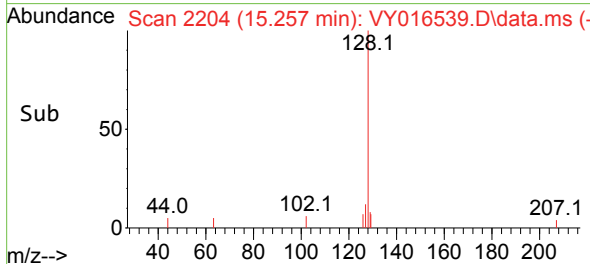
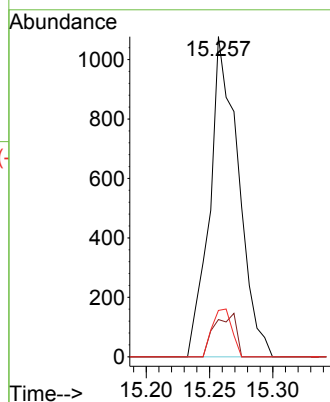
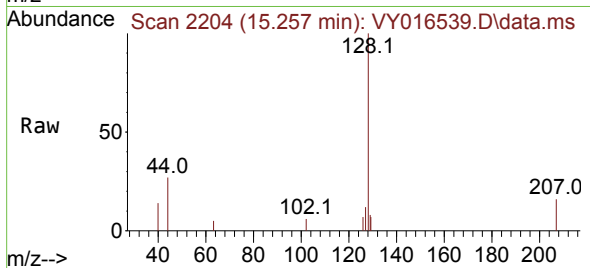
Acq: 29 Nov 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	1702
Ion Ratio	Lower	Upper
128	100	
127	10.2	10.8 16.2#
129	10.3	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 5.076 ug/l

RT: 15.452 min Scan# 2236

Delta R.T. 0.006 min

Lab File: VY016539.D

Acq: 29 Nov 2023 16:19

Tgt Ion:180	Resp:	854
Ion Ratio	Lower	Upper
180	100	
182	86.5	47.3 141.8
145	39.0	15.4 46.2

