

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016559.D
 Acq On : 01 Dec 2023 14:09
 Operator : SY/MD
 Sample : 05595-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 01 23:37:56 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	7.813	168	103226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.716	114	180343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	177167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	84710	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	55726	68.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.660%	
35) Dibromofluoromethane	7.746	113	55692	52.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.240%	
50) Toluene-d8	10.203	98	208905	50.887	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.780%	
62) 4-Bromofluorobenzene	12.496	95	78563	61.004	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 122.000%	

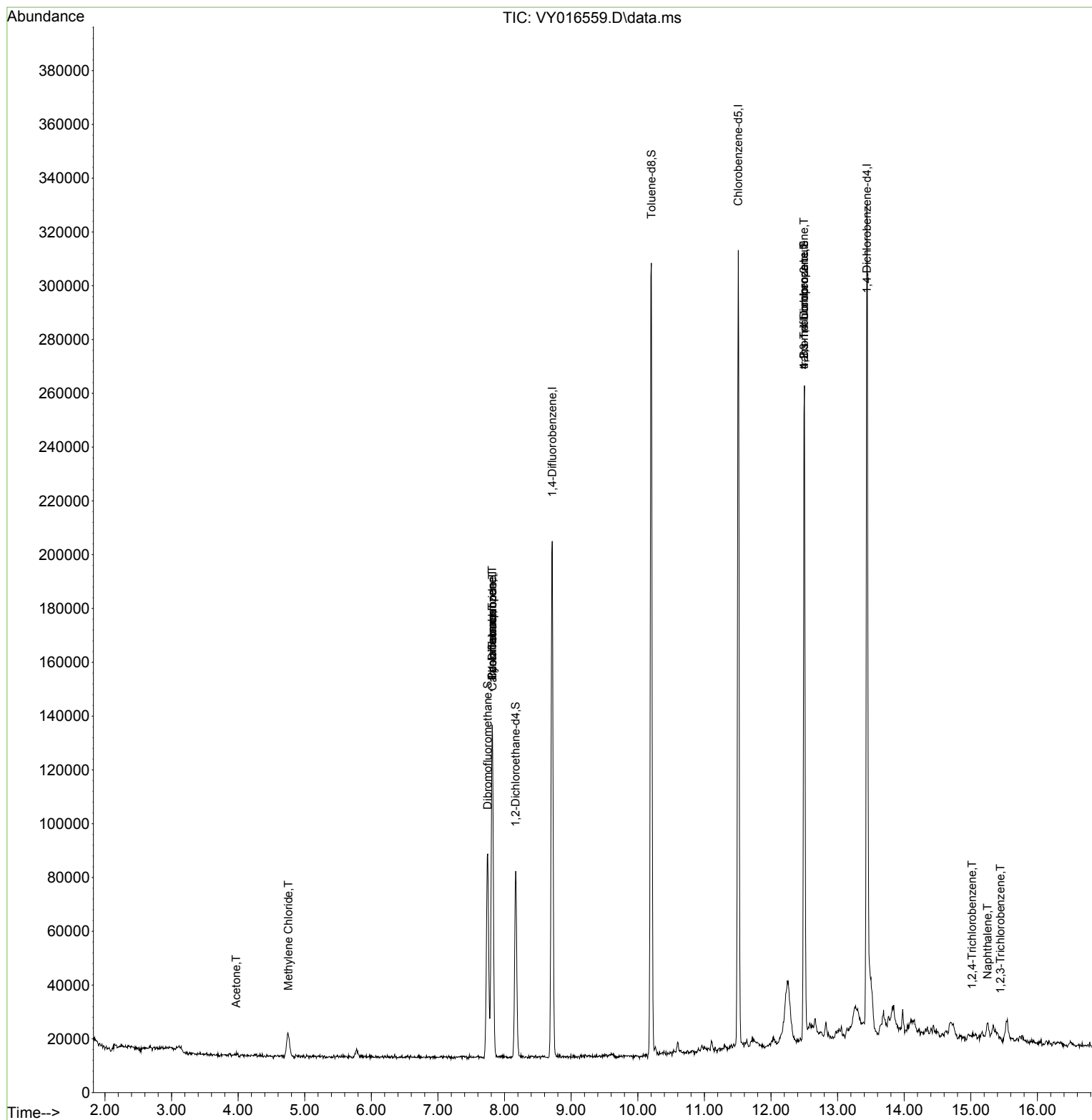
Target Compounds			Qvalue			
16) Acetone	3.973	43	1087	11.528	ug/l #	67
20) Methylene Chloride	4.753	84	7785	5.786	ug/l #	75
31) Cyclohexane	7.813	56	1605	1.121	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	6600	4.223	ug/l #	52
38) Carbon Tetrachloride	7.820	117	9583	5.224	ug/l #	17
76) 1,2,3-Trichloropropane	12.496	75	38157	53.648	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.496	75	38157	117.004	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.019	180	55	3.446	ug/l #	1
95) Naphthalene	15.251	128	3396	6.100	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.446	180	112	4.187	ug/l #	9

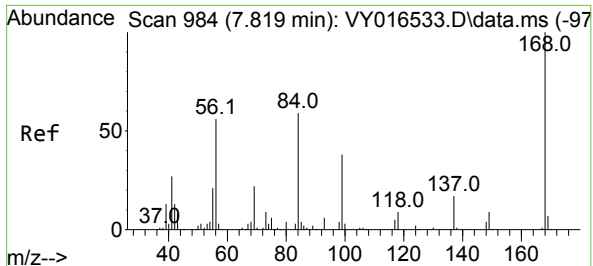
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
Data File : VY016559.D
Acq On : 01 Dec 2023 14:09
Operator : SY/MD
Sample : 05595-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

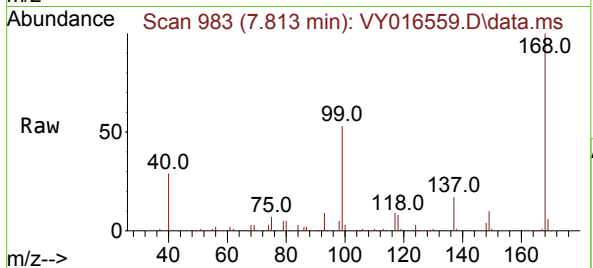
Quant Time: Dec 01 23:37:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 30 03:28:04 2023
Response via : Initial Calibration



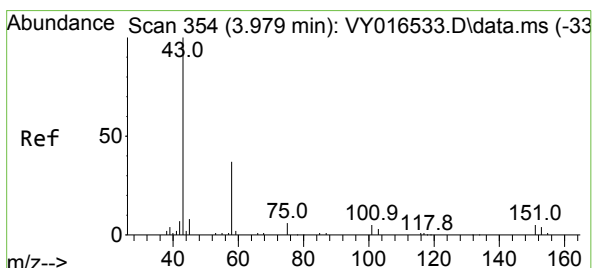
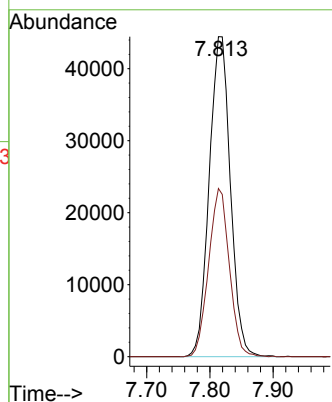
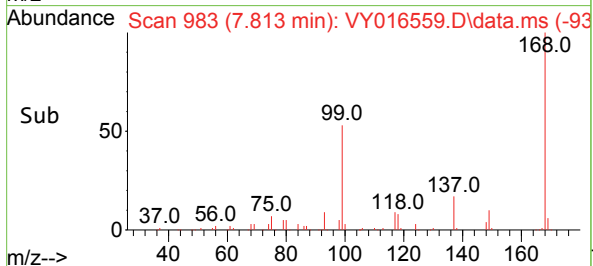


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016559.D
Acq: 01 Dec 2023 14:09

Instrument :
MSVOA_Y
ClientSampleId :

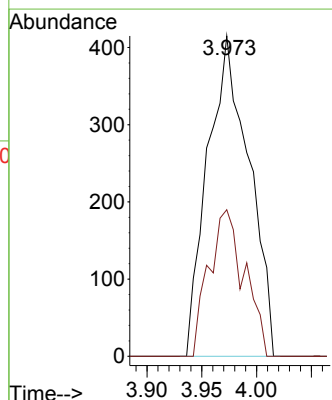
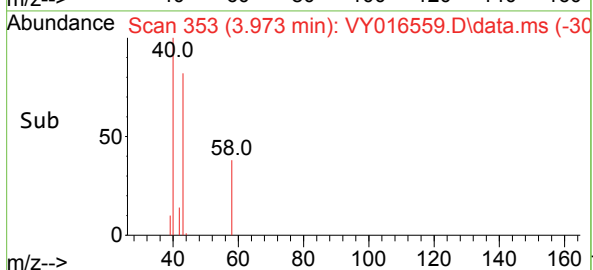
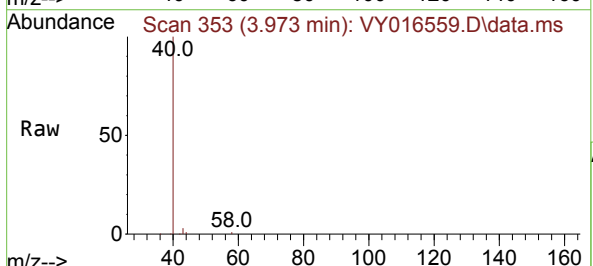


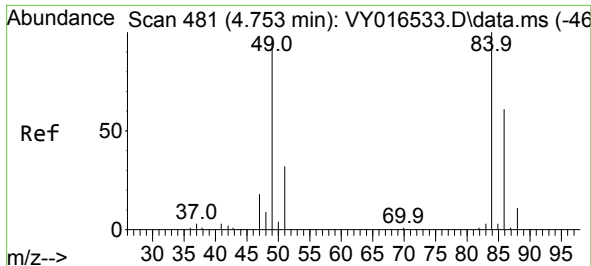
Tgt Ion:168 Resp: 103226
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#16
Acetone
Concen: 11.528 ug/l
RT: 3.973 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY016559.D
Acq: 01 Dec 2023 14:09

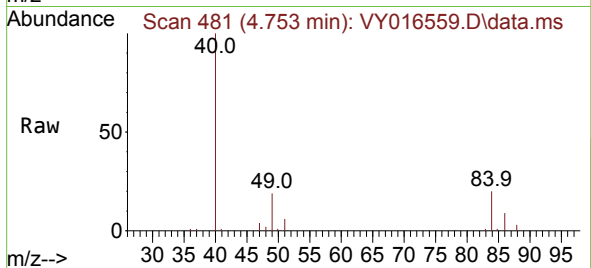
Tgt Ion: 43 Resp: 1087
Ion Ratio Lower Upper
43 100
58 45.8 22.7 34.1#



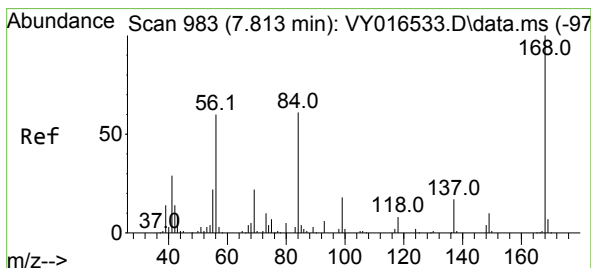
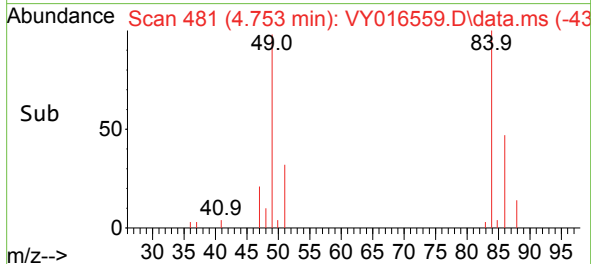
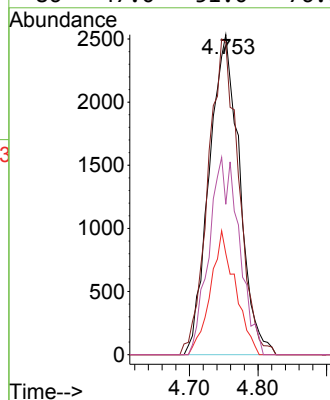


#20
Methylene Chloride
Concen: 5.786 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.000 min
Lab File: VY016559.D
Acq: 01 Dec 2023 14:09

Instrument :
MSVOA_Y
ClientSampleId :

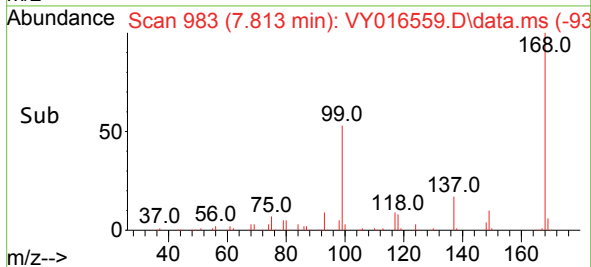
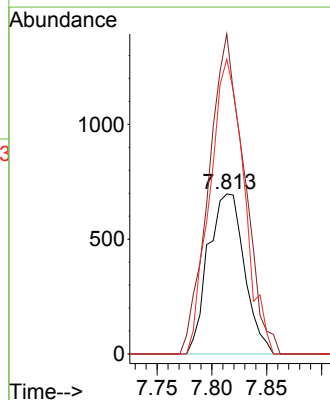
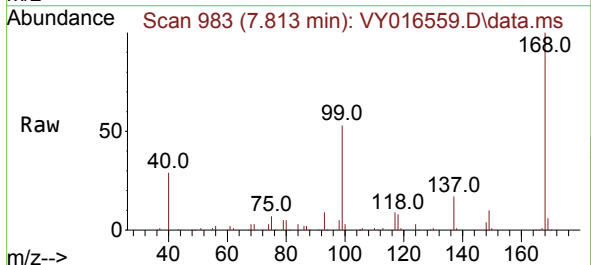


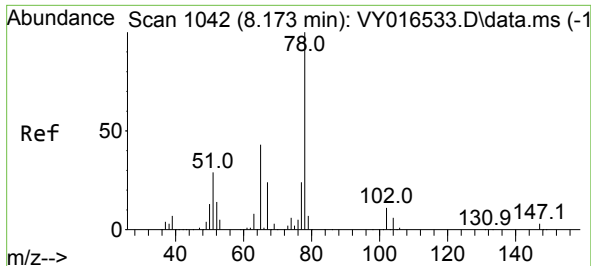
Tgt Ion:	84	Resp:	7785
Ion	Ratio	Lower	Upper
84	100		
49	97.6	106.9	160.3#
51	31.6	33.2	49.8#
86	47.0	51.0	76.6#



#31
Cyclohexane
Concen: 1.121 ug/l
RT: 7.813 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY016559.D
Acq: 01 Dec 2023 14:09

Tgt Ion:	56	Resp:	1605
Ion	Ratio	Lower	Upper
56	100		
69	200.0	27.8	41.6#
84	184.2	66.4	99.6#

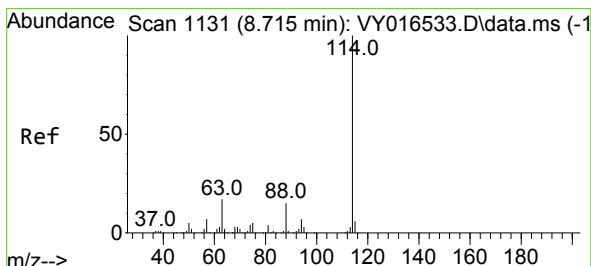
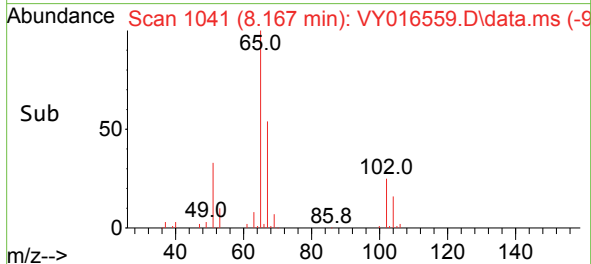
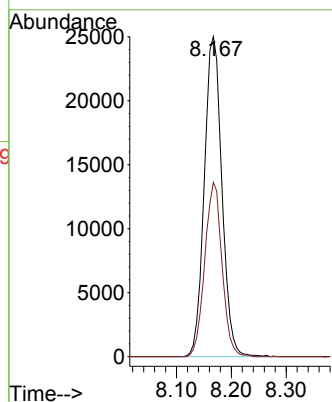
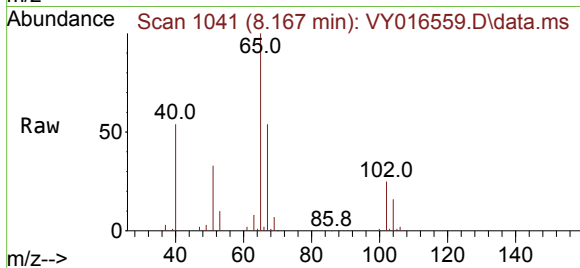




#33
 1,2-Dichloroethane-d4
 Concen: 68.331 ug/l
 RT: 8.167 min Scan# 1104
 Delta R.T. -0.006 min
 Lab File: VY016559.D
 Acq: 01 Dec 2023 14:09

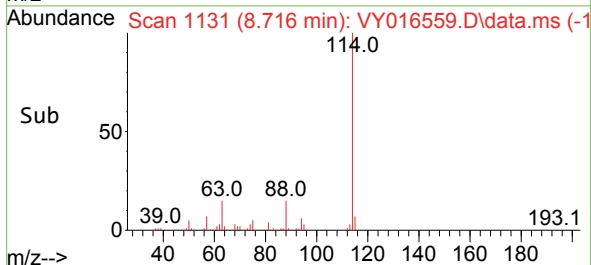
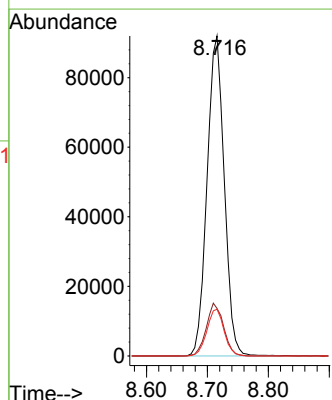
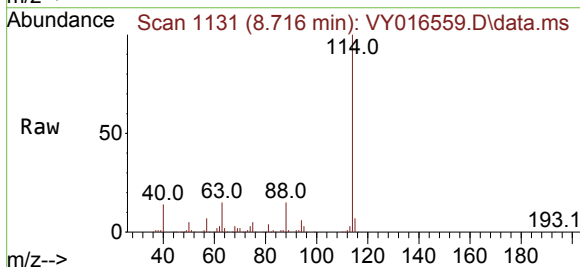
Instrument :
 MSVOA_Y
 ClientSampleId :

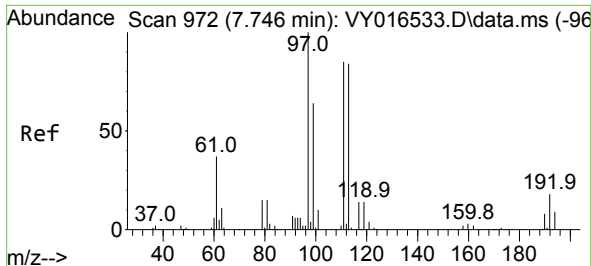
Tgt Ion: 65 Resp: 55726
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.716 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY016559.D
 Acq: 01 Dec 2023 14:09

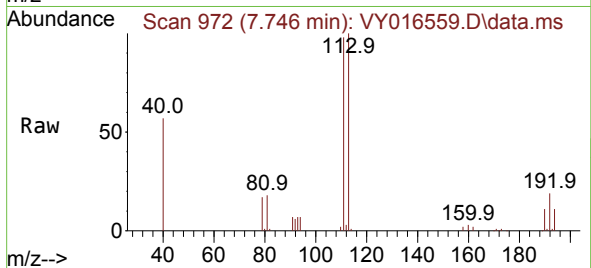
Tgt Ion: 114 Resp: 180343
 Ion Ratio Lower Upper
 114 100
 63 14.8 0.0 42.4
 88 14.6 0.0 30.6



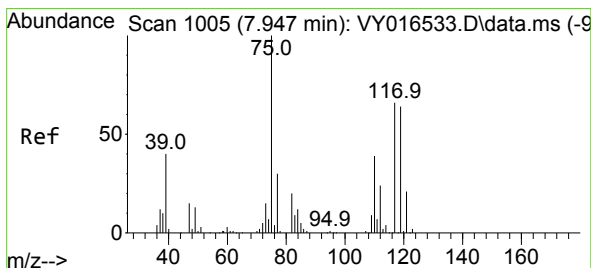
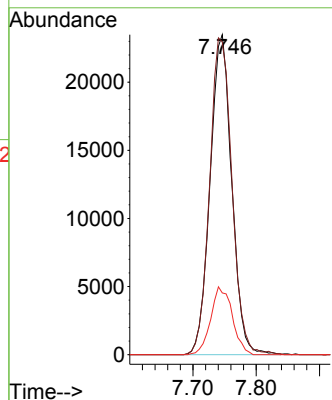
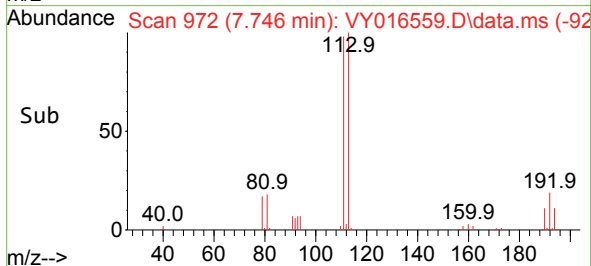


#35
Dibromofluoromethane
Concen: 52.617 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016559.D
Acq: 01 Dec 2023 14:09

Instrument :
MSVOA_Y
ClientSampleId :

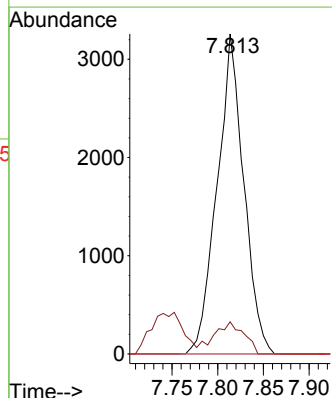
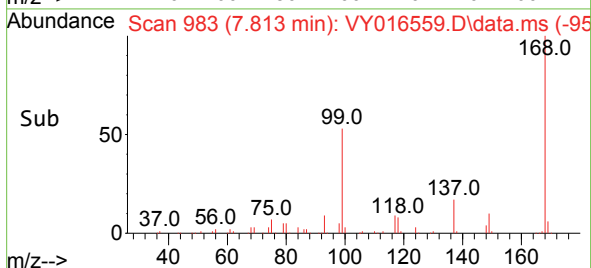
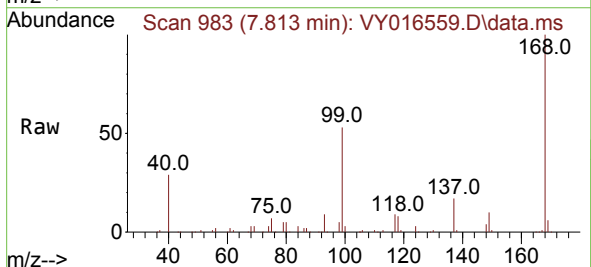


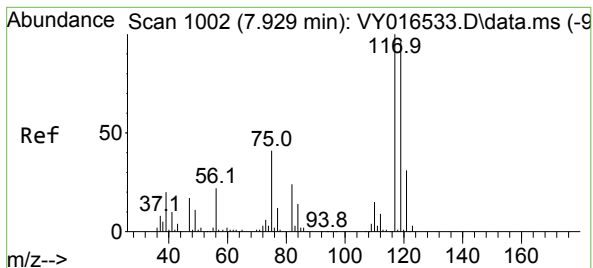
Tgt Ion:113 Resp: 55692
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 21.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.223 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.134 min
Lab File: VY016559.D
Acq: 01 Dec 2023 14:09

Tgt Ion: 75 Resp: 6600
Ion Ratio Lower Upper
75 100
110 11.3 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.224 ug/l

RT: 7.820 min Scan# 91

Delta R.T. -0.110 min

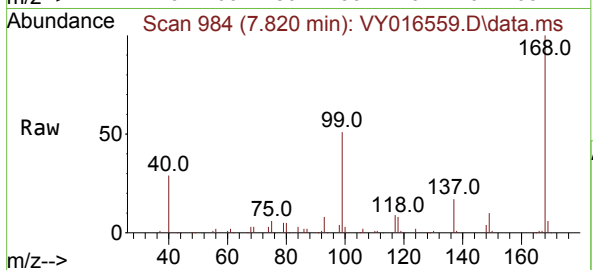
Lab File: VY016559.D

Acq: 01 Dec 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :



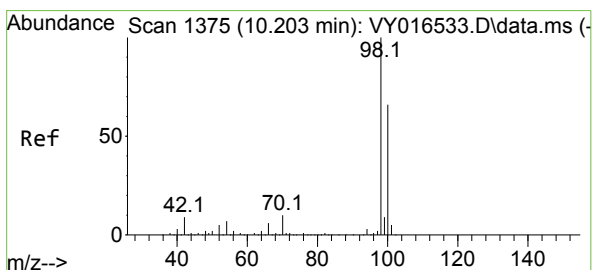
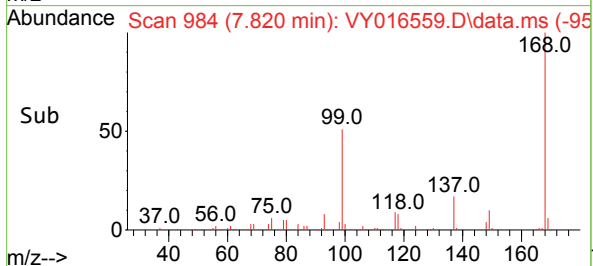
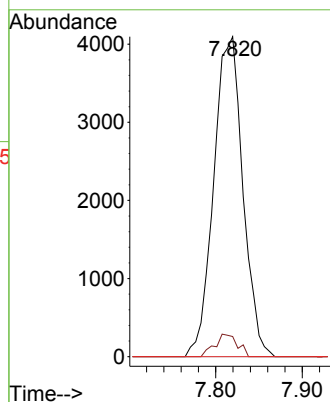
Tgt Ion:117 Resp: 9583

Ion Ratio Lower Upper

117 100

119 6.3 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 50.887 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY016559.D

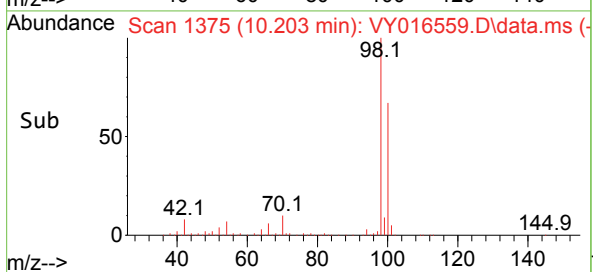
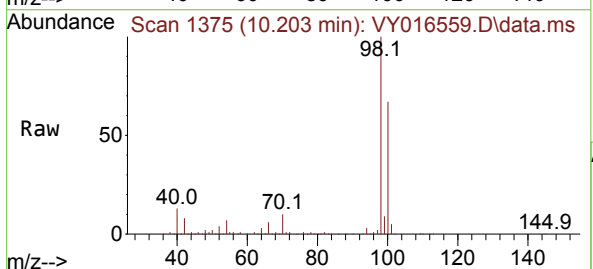
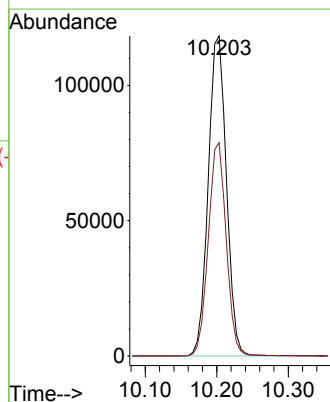
Acq: 01 Dec 2023 14:09

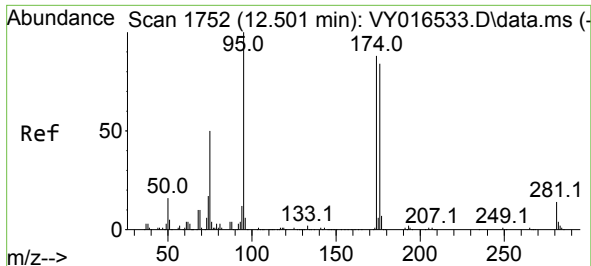
Tgt Ion: 98 Resp: 208905

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

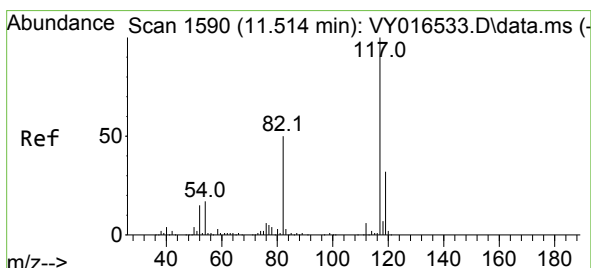
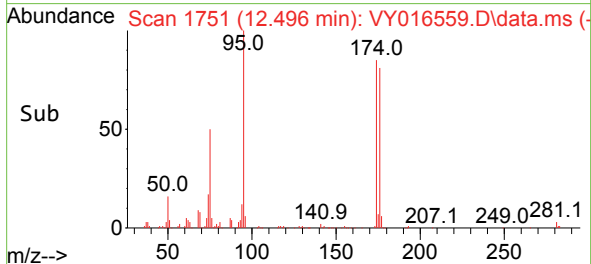
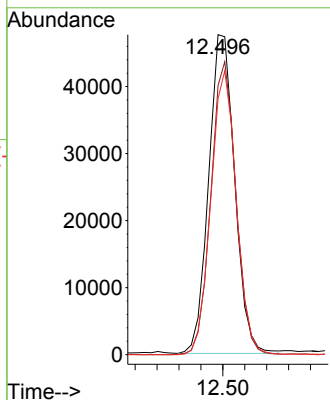
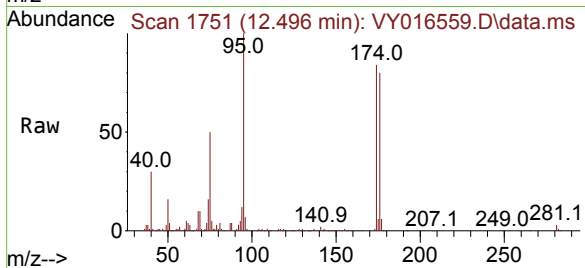




#62
4-Bromofluorobenzene
Concen: 61.004 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VY016559.D
Acq: 01 Dec 2023 14:09

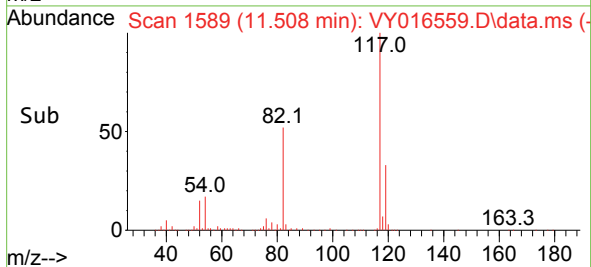
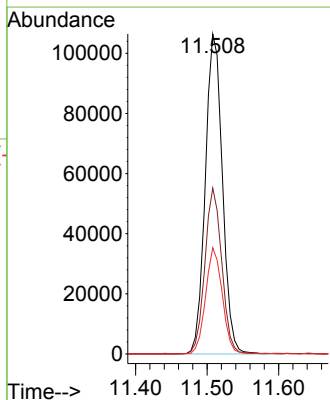
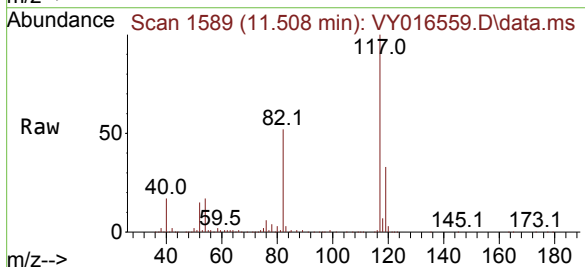
Instrument :
MSVOA_Y
ClientSampleId :

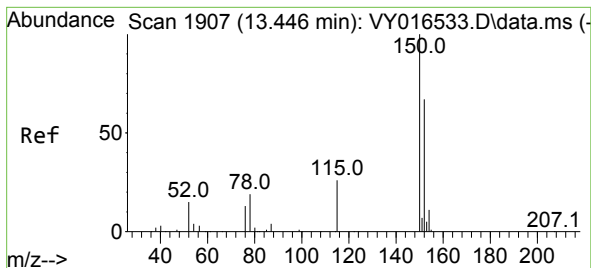
Tgt Ion: 95 Resp: 78563
Ion Ratio Lower Upper
95 100
174 88.5 0.0 178.2
176 86.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. -0.006 min
Lab File: VY016559.D
Acq: 01 Dec 2023 14:09

Tgt Ion: 117 Resp: 177167
Ion Ratio Lower Upper
117 100
82 51.7 43.4 65.0
119 33.2 26.3 39.5

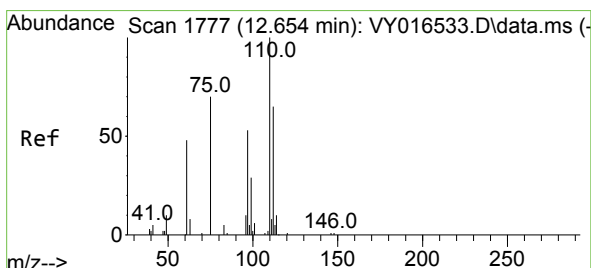
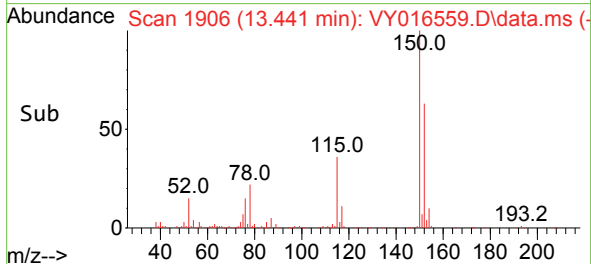
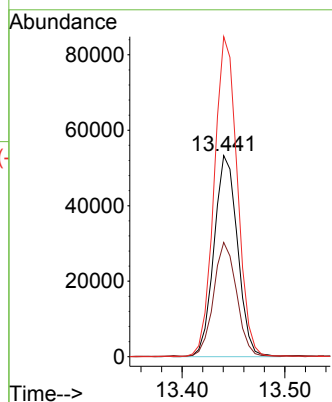
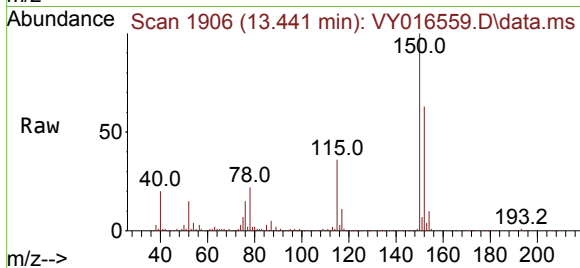




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.441 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY016559.D
 Acq: 01 Dec 2023 14:09

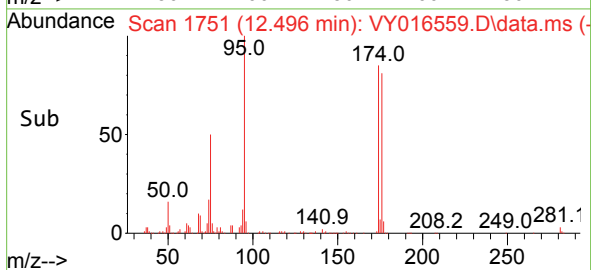
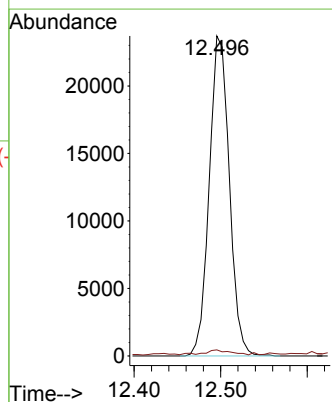
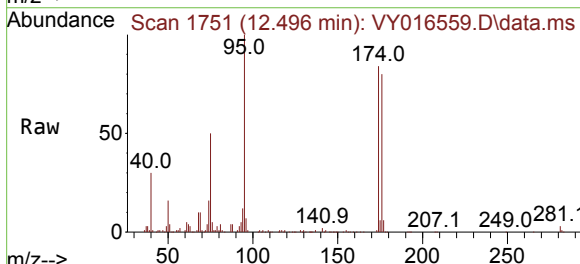
Instrument :
 MSVOA_Y
 ClientSampleId :

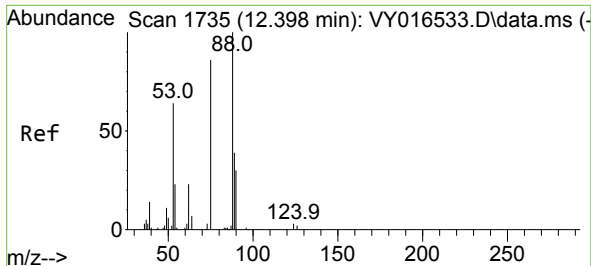
Tgt Ion:152 Resp: 84710
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.8 86.5
 150 157.1 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 53.648 ug/l
 RT: 12.496 min Scan# 1751
 Delta R.T. -0.158 min
 Lab File: VY016559.D
 Acq: 01 Dec 2023 14:09

Tgt Ion: 75 Resp: 38157
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#

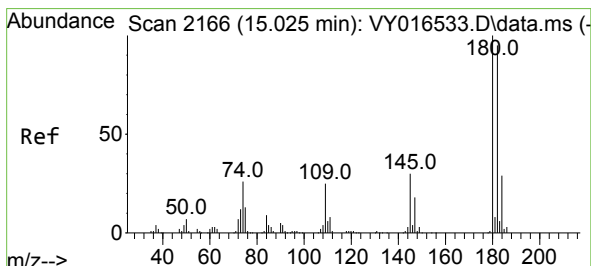
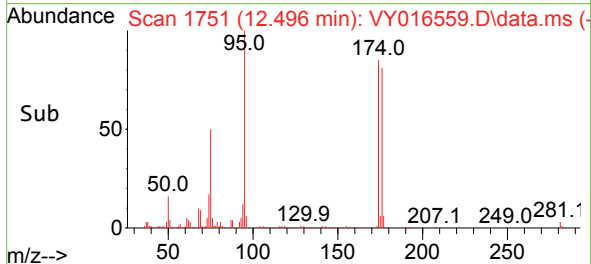
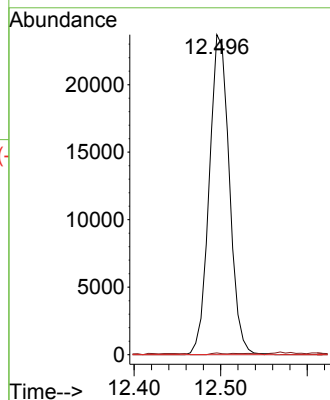
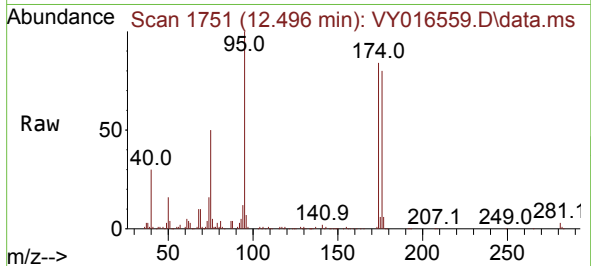




#81
trans-1,4-Dichloro-2-butene
Concen: 117.004 ug/l
RT: 12.496 min Scan# 1
Delta R.T. 0.098 min
Lab File: VY016559.D
Acq: 01 Dec 2023 14:09

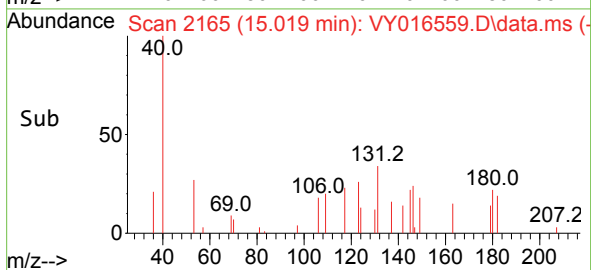
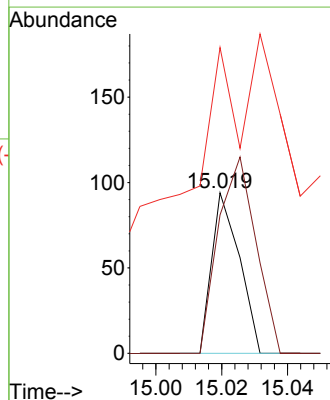
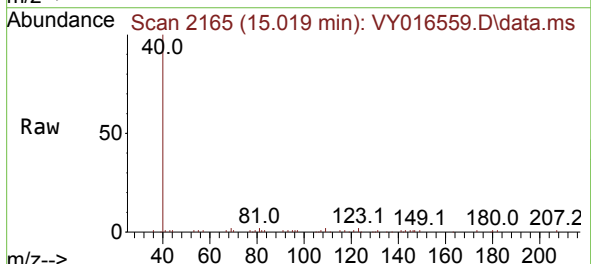
Instrument :
MSVOA_Y
ClientSampleId :

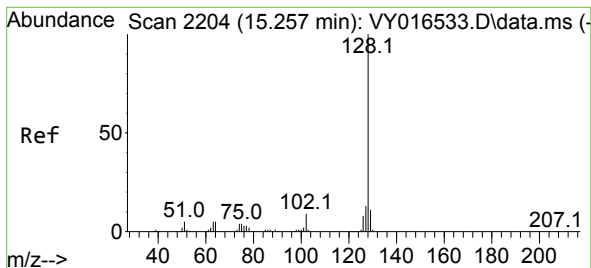
Tgt Ion: 75 Resp: 38157
Ion Ratio Lower Upper
75 100
53 0.3 77.8 116.8#
89 0.0 37.4 56.0#



#93
1,2,4-Trichlorobenzene
Concen: 3.446 ug/l
RT: 15.019 min Scan# 2165
Delta R.T. -0.006 min
Lab File: VY016559.D
Acq: 01 Dec 2023 14:09

Tgt Ion:180 Resp: 55
Ion Ratio Lower Upper
180 100
182 165.5 47.0 141.2#
145 760.0 14.5 43.5#





#95

Naphthalene

Concen: 6.100 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. -0.006 min

Lab File: VY016559.D

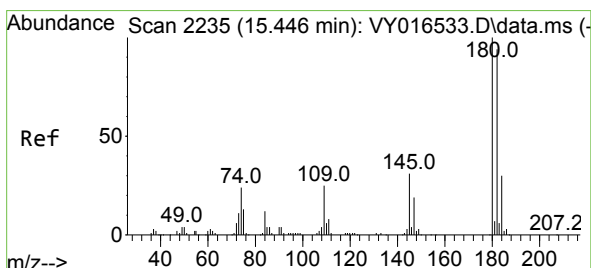
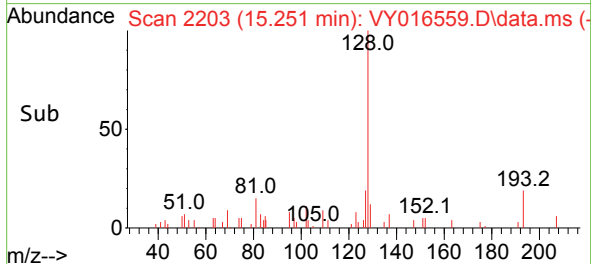
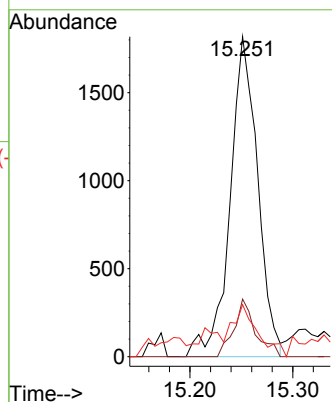
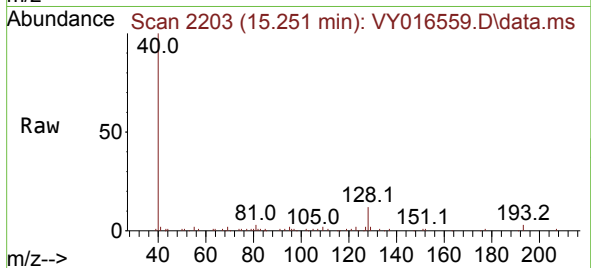
Acq: 01 Dec 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	3396
Ion Ratio	Lower	Upper
128	100	
127	14.0	10.8 16.2
129	14.6	8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 4.187 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.000 min

Lab File: VY016559.D

Acq: 01 Dec 2023 14:09

Tgt Ion:180	Resp:	112
Ion Ratio	Lower	Upper
180	100	
182	58.0	47.3 141.8
145	170.5	15.4 46.2#

