

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
 Data File : VY013903.D
 Acq On : 26 May 2023 19:07
 Operator : KP/MD
 Sample : 02955-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB25

Quant Time: May 29 04:36:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

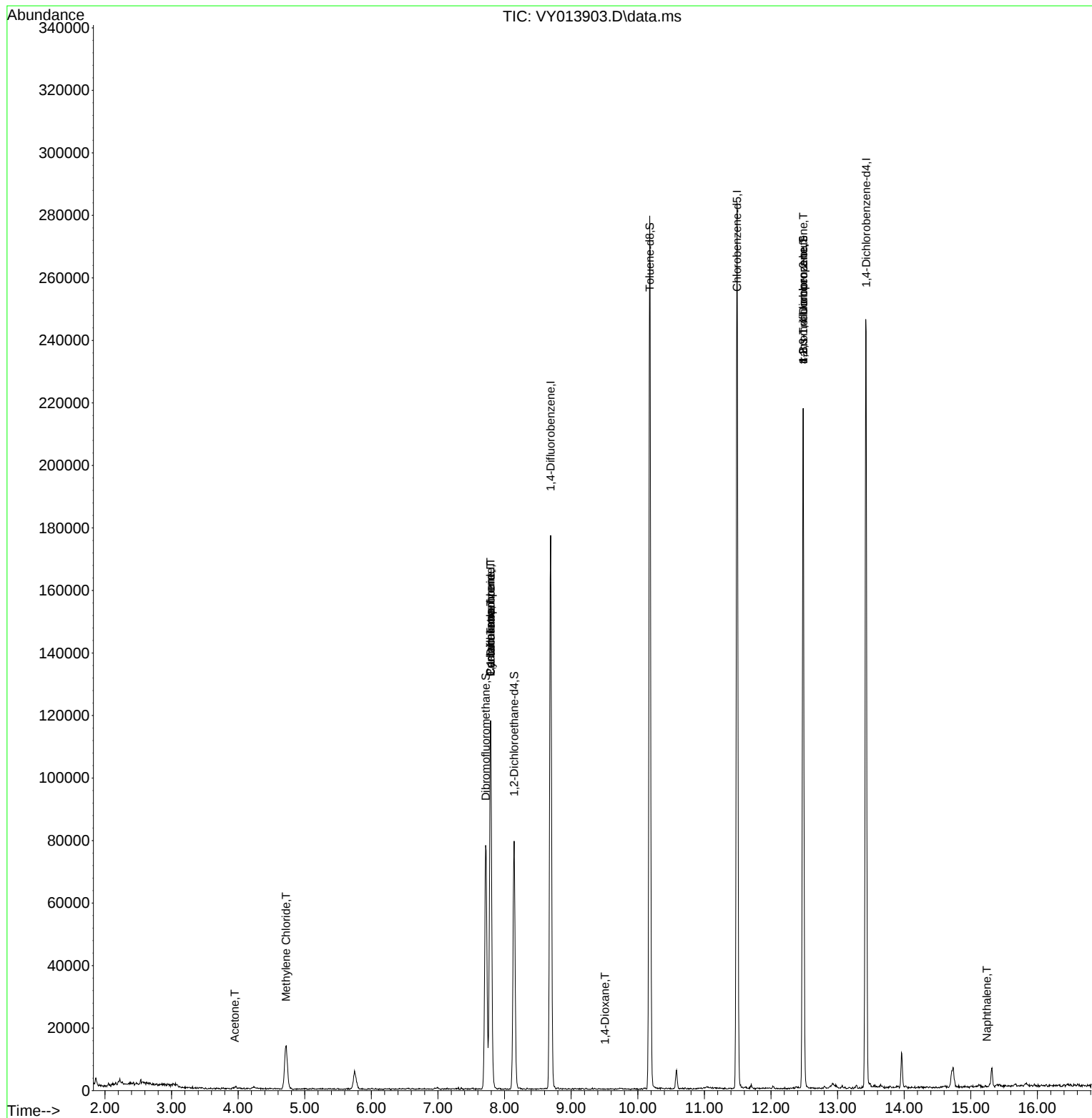
Internal Standards						
1) Pentafluorobenzene	7.789	168	90953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	147168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	149365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	64213	61.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.060%
35) Dibromofluoromethane	7.716	113	54021	56.839	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.680%
50) Toluene-d8	10.179	98	181608	50.276	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.483	95	56142	46.757	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.520%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1547	4.954	ug/l #	74
20) Methylene Chloride	4.716	84	9970	6.810	ug/l	96
31) Cyclohexane	7.789	56	2086	1.290	ug/l #	51
36) 1,1-Dichloropropene	7.789	75	6897	4.764	ug/l #	51
38) Carbon Tetrachloride	7.789	117	8815	5.355	ug/l #	17
49) 1,4-Dioxane	9.508	88	18	2.511	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	31897	41.410	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31897	89.889	ug/l #	10
95) Naphthalene	15.239	128	415	4.684	ug/l #	68

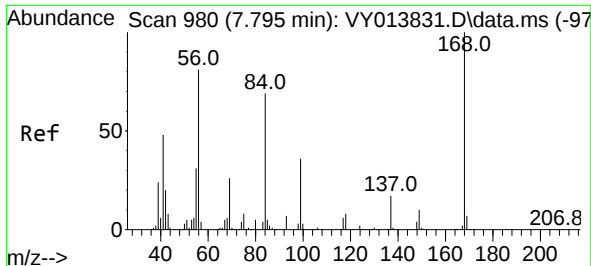
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
Data File : VY013903.D
Acq On : 26 May 2023 19:07
Operator : KP/MD
Sample : 02955-04
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB25

Quant Time: May 29 04:36:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

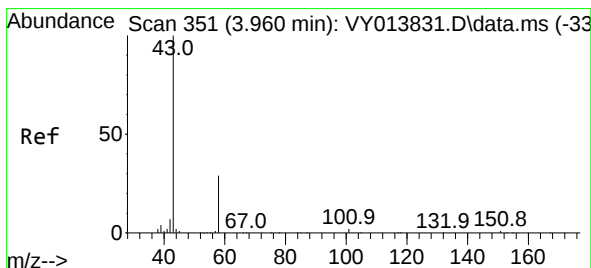
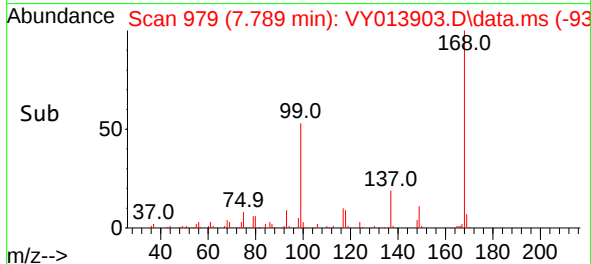
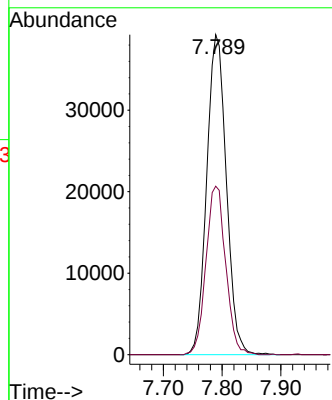
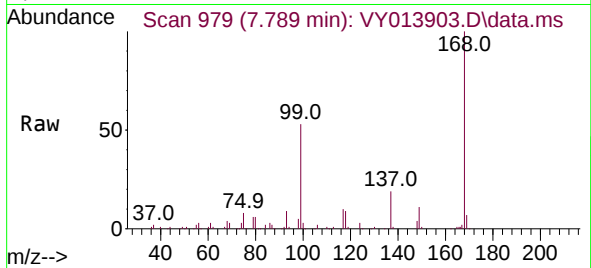




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

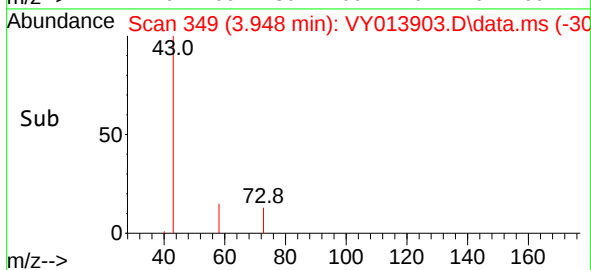
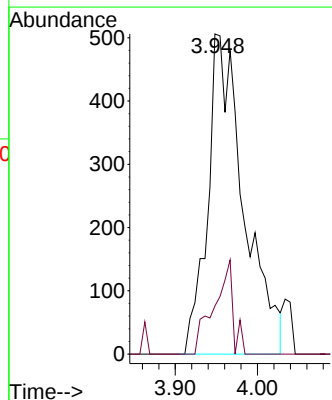
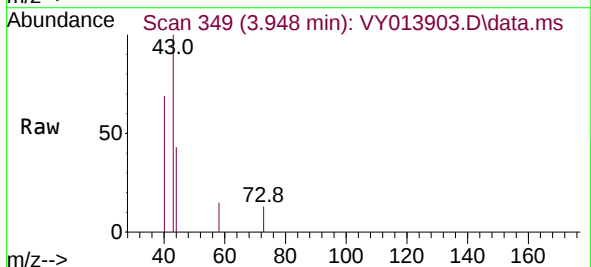
Instrument :
MSVOA_Y
ClientSampleId :
SB25

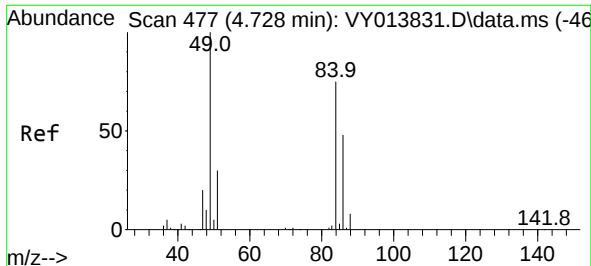
Tgt Ion:168 Resp: 90953
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.2



#16
Acetone
Concen: 4.954 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

Tgt Ion: 43 Resp: 1547
Ion Ratio Lower Upper
43 100
58 15.0 23.3 34.9#

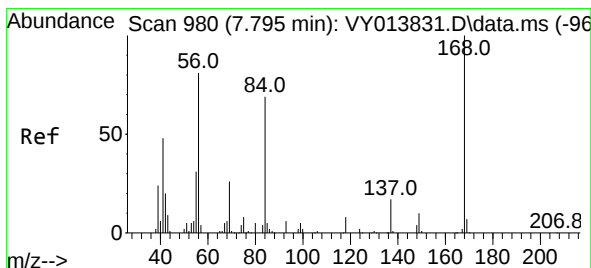
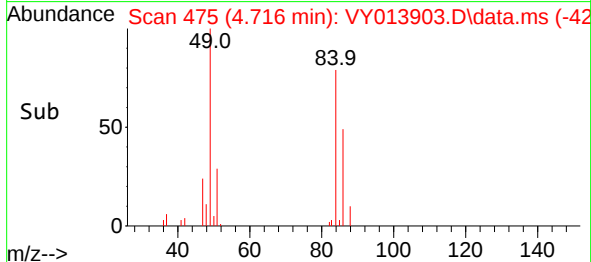
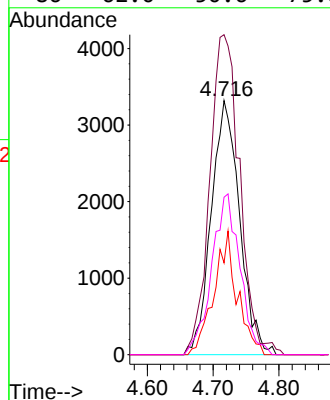
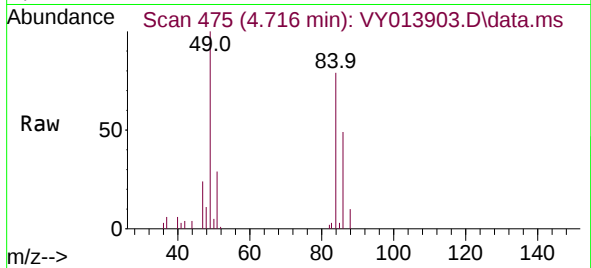




#20
Methylene Chloride
Concen: 6.810 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

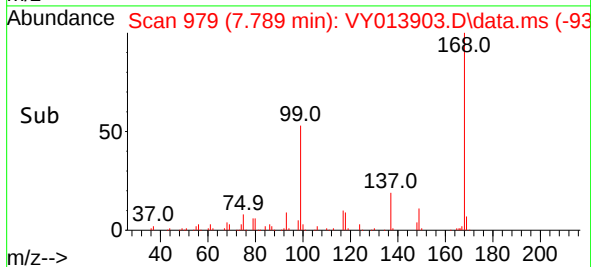
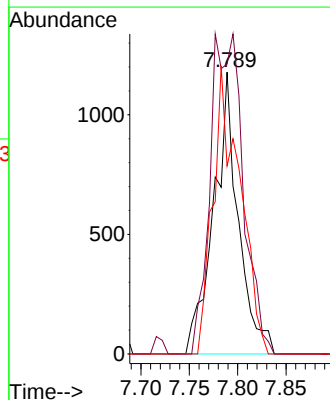
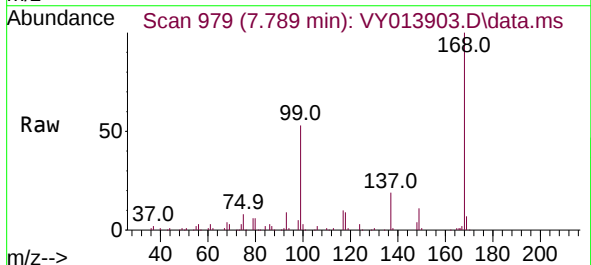
Instrument :
MSVOA_Y
ClientSampleId :
SB25

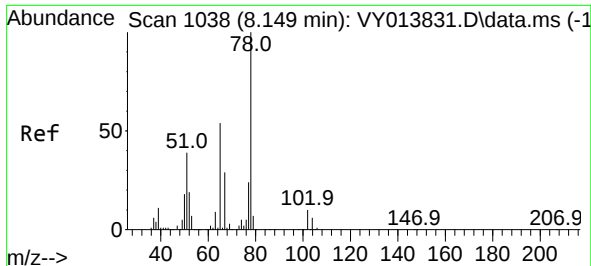
Tgt Ion:	84	Resp:	9970
Ion	Ratio	Lower	Upper
84	100		
49	126.0	106.2	159.2
51	36.2	31.4	47.0
86	62.0	50.6	75.8



#31
Cyclohexane
Concen: 1.290 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

Tgt Ion:	56	Resp:	2086
Ion	Ratio	Lower	Upper
56	100		
69	102.9	25.8	38.8#
84	66.7	68.2	102.2#

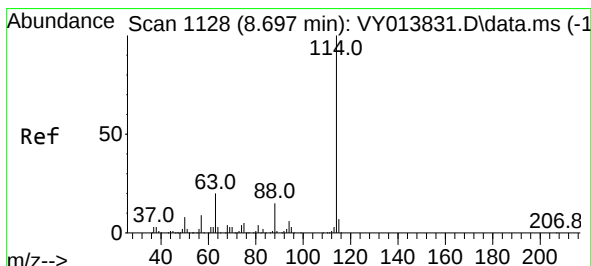
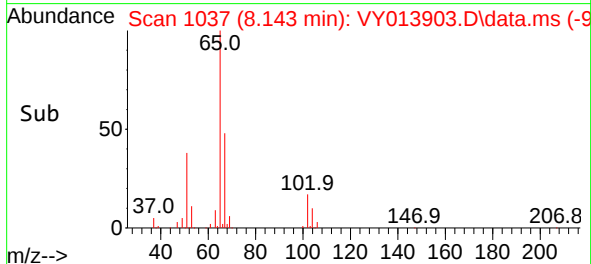
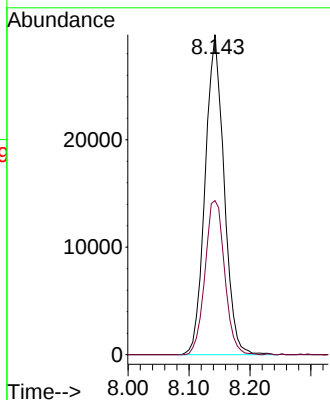
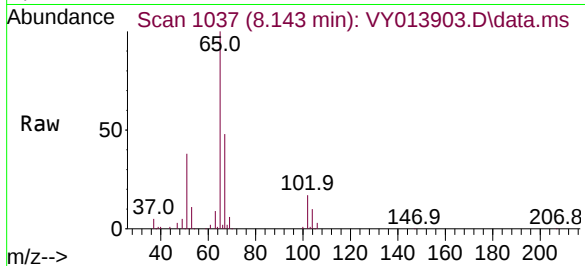




#33
1,2-Dichloroethane-d4
Concen: 61.025 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

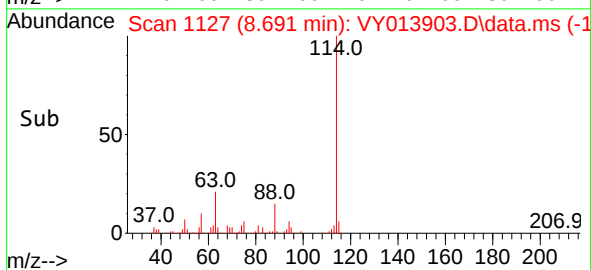
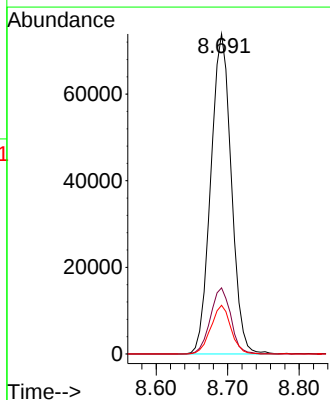
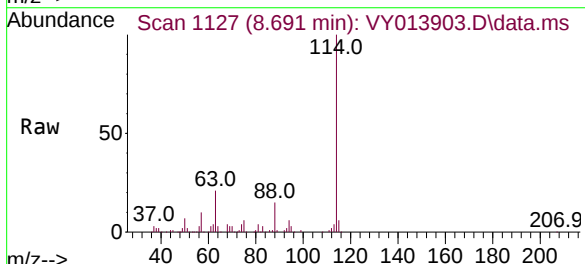
Instrument :
MSVOA_Y
ClientSampleId :
SB25

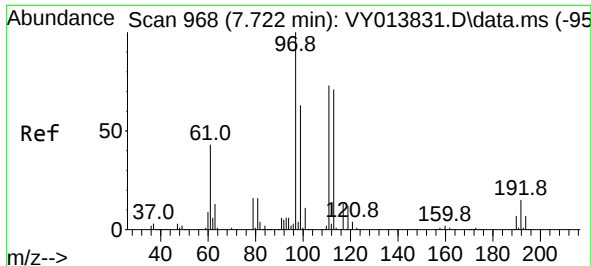
Tgt Ion: 65 Resp: 64213
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

Tgt Ion: 114 Resp: 147168
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.2
88 15.2 0.0 30.0

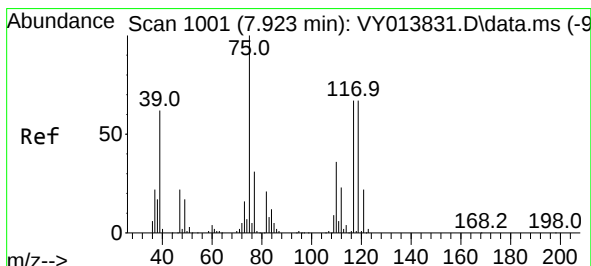
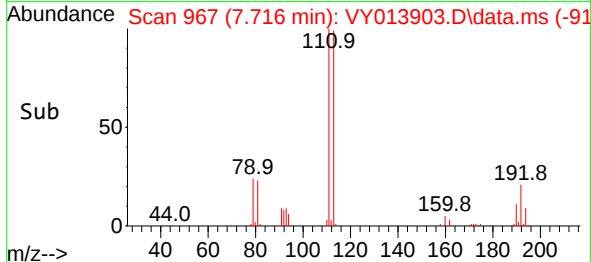
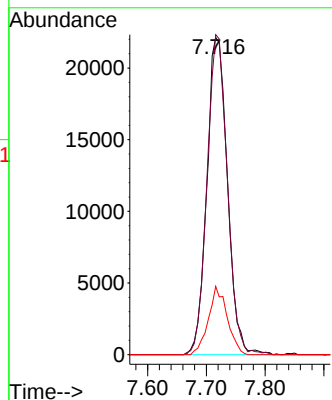
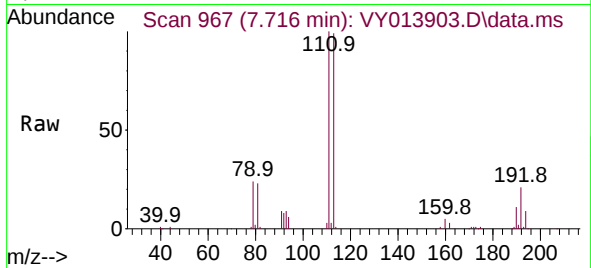




#35
Dibromofluoromethane
Concen: 56.839 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

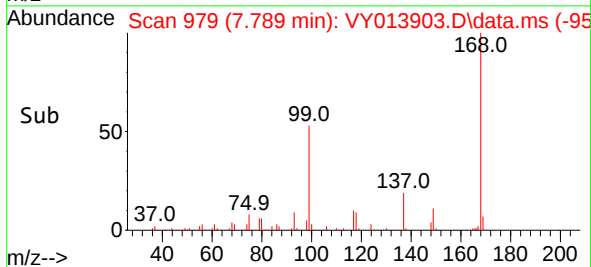
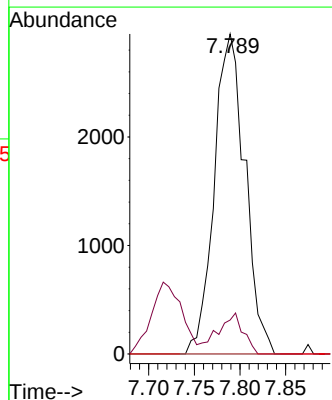
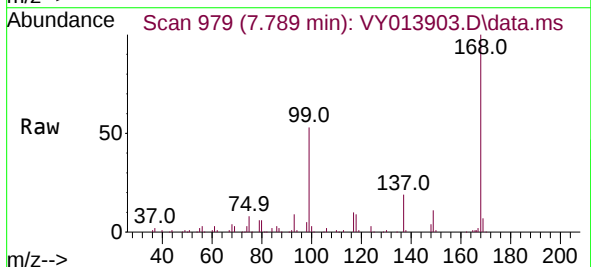
Instrument :
MSVOA_Y
ClientSampleId :
SB25

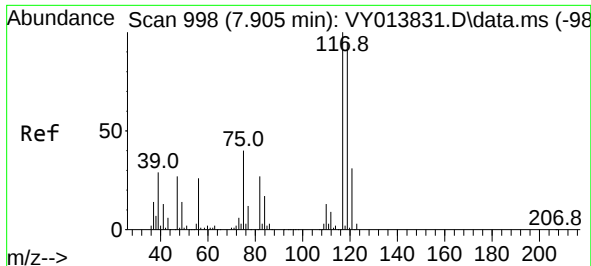
Tgt Ion:113 Resp: 54021
Ion Ratio Lower Upper
113 100
111 99.2 80.4 120.6
192 19.7 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.764 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

Tgt Ion: 75 Resp: 6897
Ion Ratio Lower Upper
75 100
110 10.3 17.5 52.6#
77 0.0 24.4 36.6#

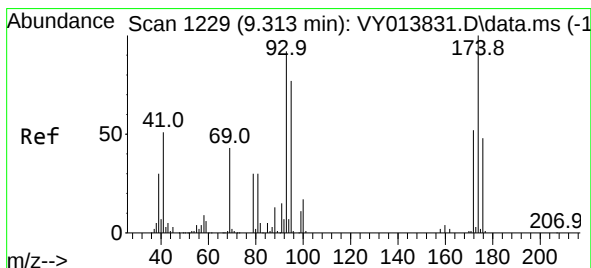
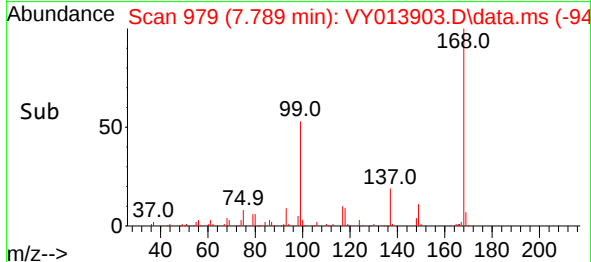
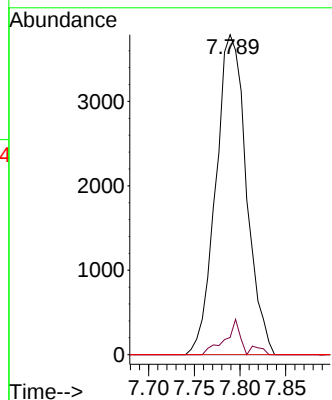
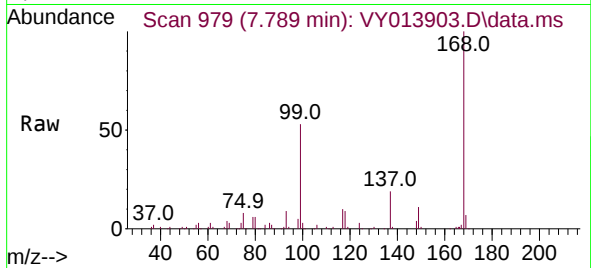




#38
Carbon Tetrachloride
Concen: 5.355 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

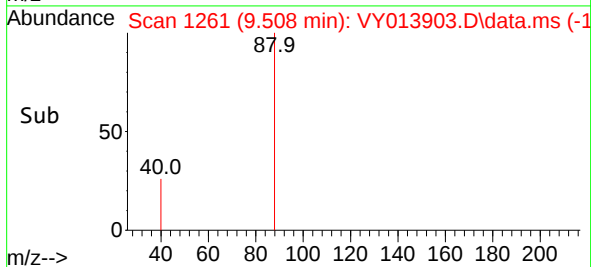
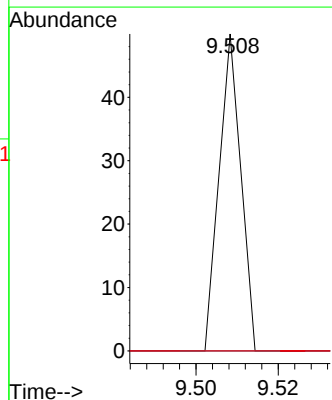
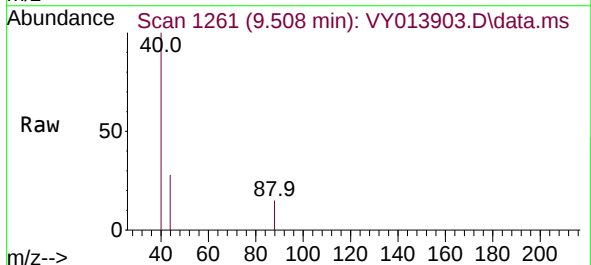
Instrument :
MSVOA_Y
ClientSampleId :
SB25

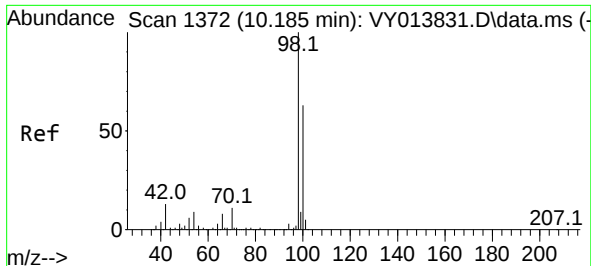
Tgt Ion:117 Resp: 8815
Ion Ratio Lower Upper
117 100
119 5.4 75.6 113.4#
121 0.0 24.8 37.2#



#49
1,4-Dioxane
Concen: 2.511 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.195 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

Tgt Ion: 88 Resp: 18
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 59.0 88.6#

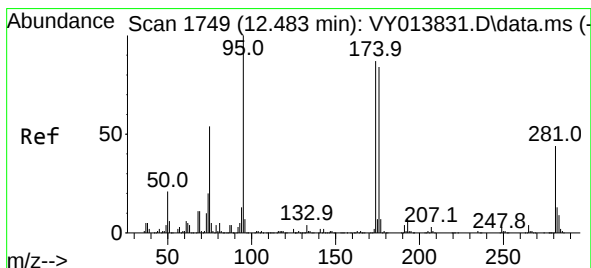
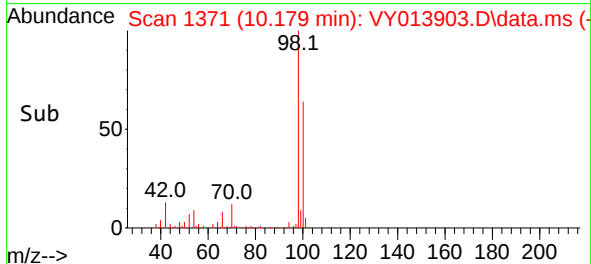
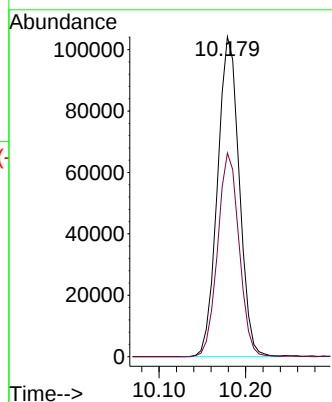
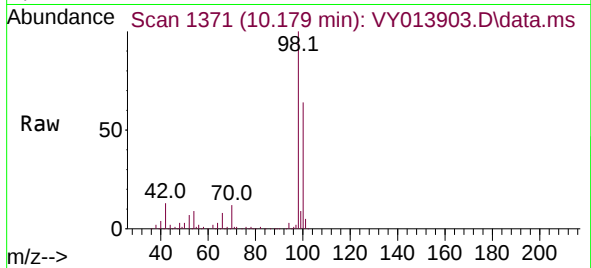




#50
Toluene-d8
Concen: 50.276 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

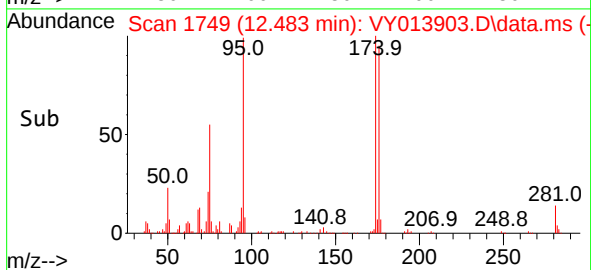
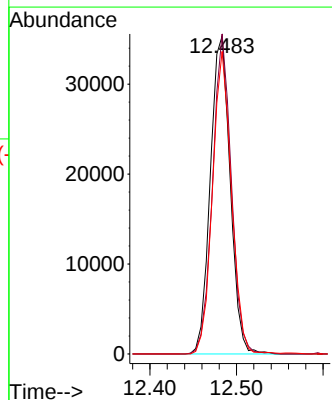
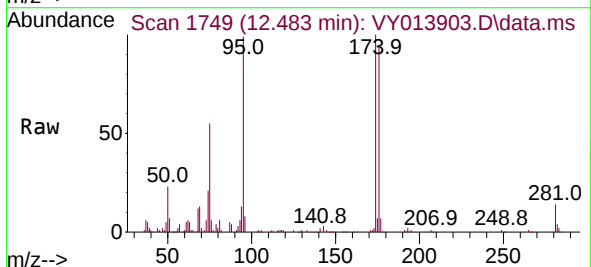
Instrument :
MSVOA_Y
ClientSampleId :
SB25

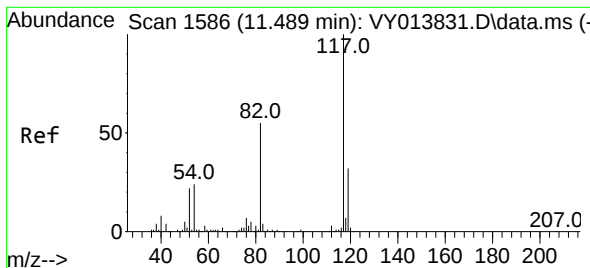
Tgt Ion: 98 Resp: 181608
Ion Ratio Lower Upper
98 100
100 62.7 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 46.757 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

Tgt Ion: 95 Resp: 56142
Ion Ratio Lower Upper
95 100
174 95.1 0.0 176.0
176 90.9 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013903.D

Acq: 26 May 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

SB25

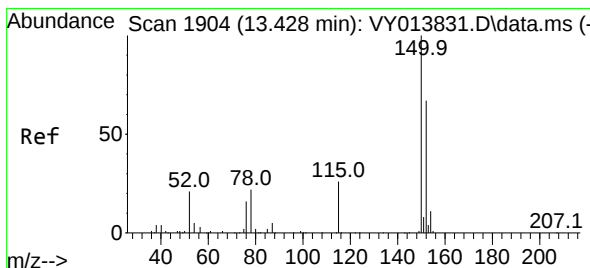
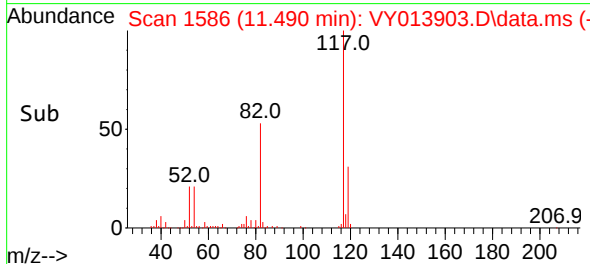
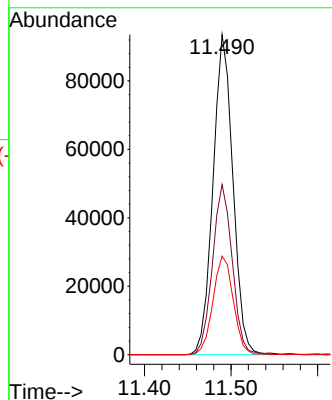
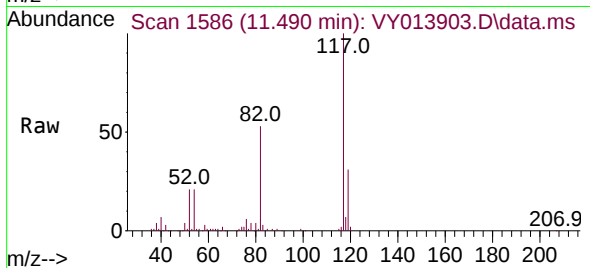
Tgt Ion:117 Resp: 149365

Ion Ratio Lower Upper

117 100

82 53.1 44.2 66.4

119 30.8 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013903.D

Acq: 26 May 2023 19:07

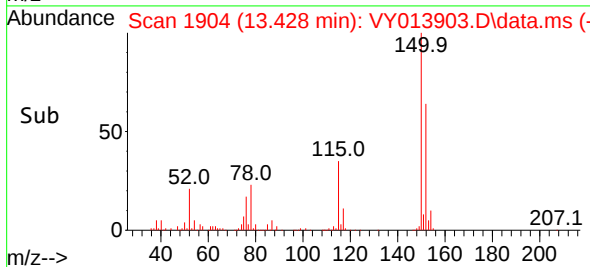
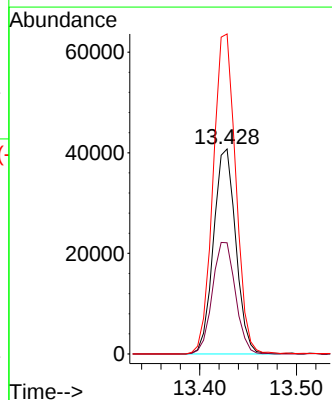
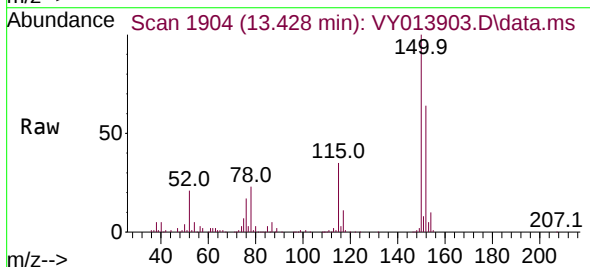
Tgt Ion:152 Resp: 65325

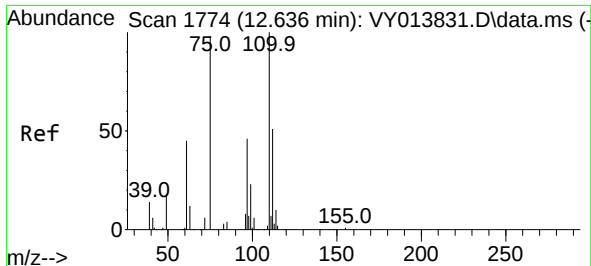
Ion Ratio Lower Upper

152 100

115 56.2 28.8 86.5

150 158.5 0.0 353.4

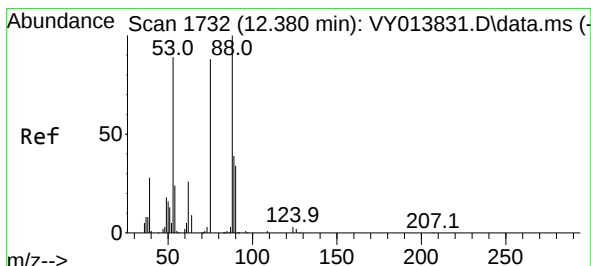
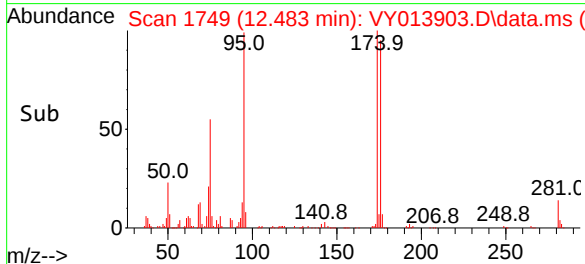
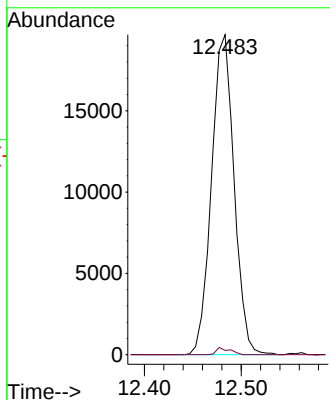
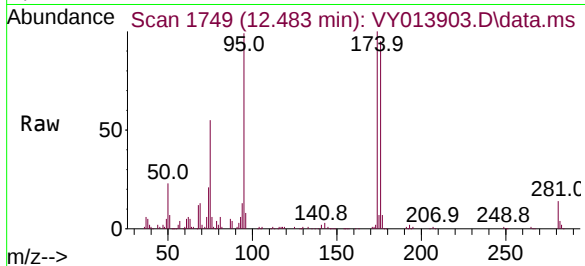




#76
1,2,3-Trichloropropane
Concen: 41.410 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

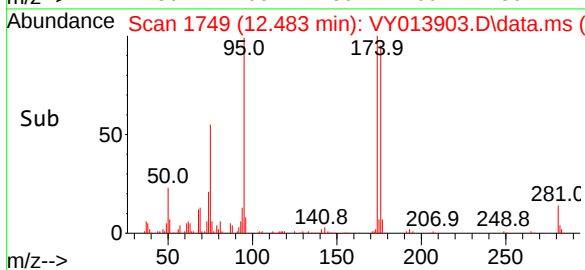
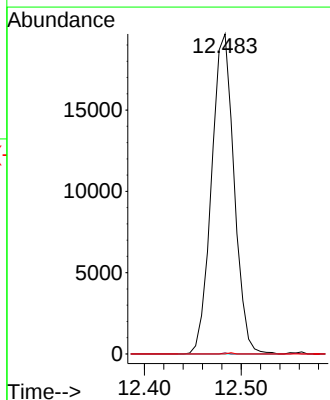
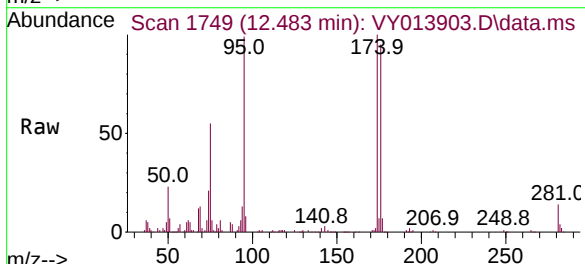
Instrument :
MSVOA_Y
ClientSampleId :
SB25

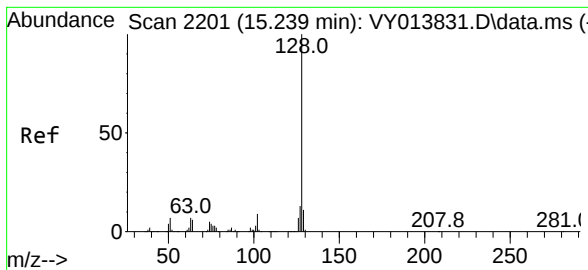
Tgt Ion: 75 Resp: 31897
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.889 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

Tgt Ion: 75 Resp: 31897
Ion Ratio Lower Upper
75 100
53 0.1 79.7 119.5#
89 0.1 36.4 54.6#





#95
Naphthalene
Concen: 4.684 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY013903.D
Acq: 26 May 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :
SB25

Tgt Ion:128 Resp: 415
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.4#

