

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016029.D
 Acq On : 18 Oct 2023 18:52
 Operator : SY/MD
 Sample : 04938-02
 Misc : 5.310g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 03:27:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

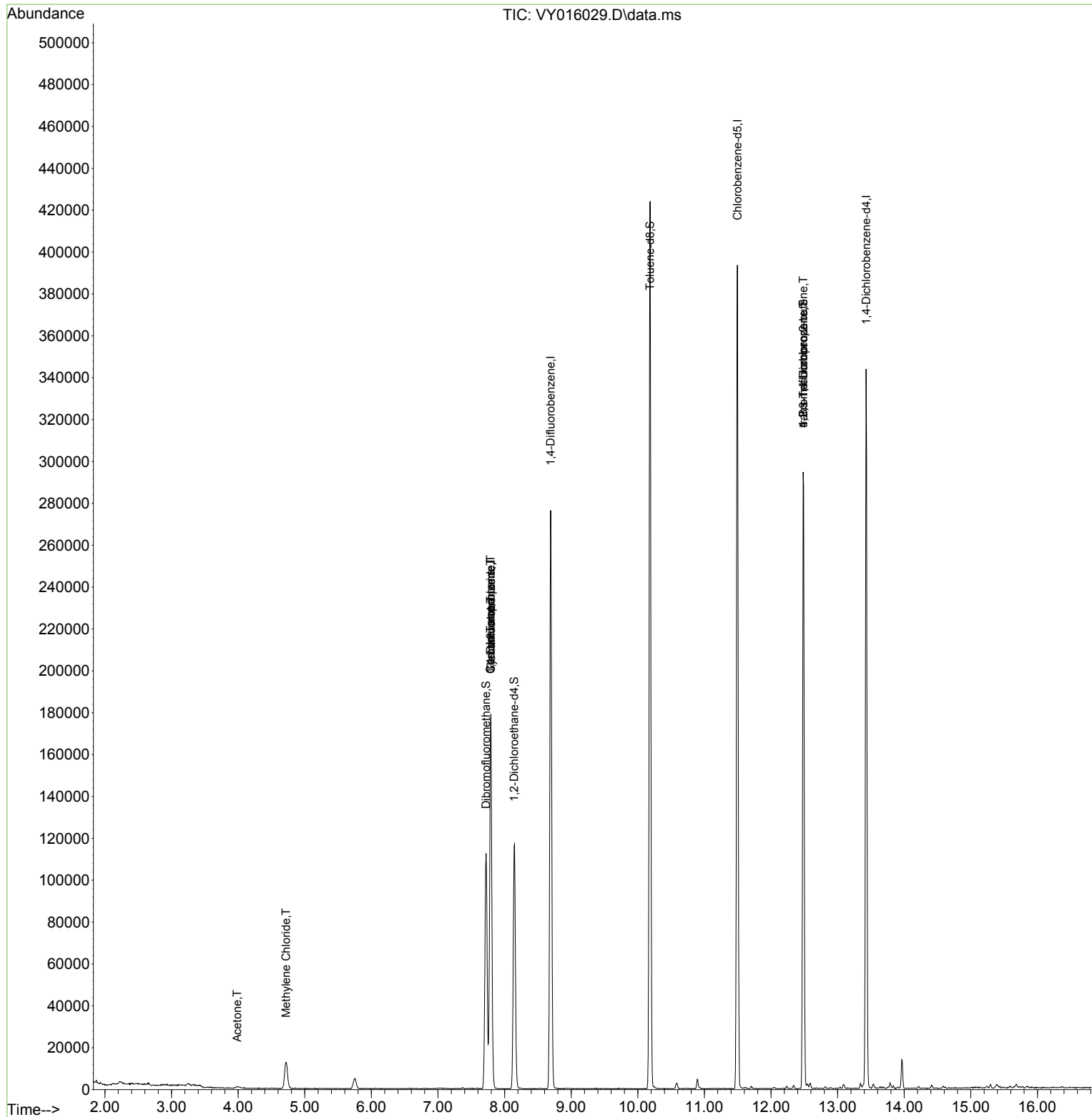
Internal Standards						
1) Pentafluorobenzene	7.795	168	139241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	239864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	219070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	94308	59.592	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.180%	
35) Dibromofluoromethane	7.722	113	80161	50.773	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.540%	
50) Toluene-d8	10.185	98	277596	48.412	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.820%	
62) 4-Bromofluorobenzene	12.483	95	88593	43.301	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.600%	
Target Compounds						
					Qvalue	
16) Acetone	3.985	43	2257	3.847	ug/l #	80
20) Methylene Chloride	4.716	84	10141	5.819	ug/l #	84
31) Cyclohexane	7.789	56	2924	1.180	ug/l #	8
36) 1,1-Dichloropropene	7.789	75	10725	4.515	ug/l #	49
38) Carbon Tetrachloride	7.789	117	13726	5.437	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	46383	36.369	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46383	79.389	ug/l #	11

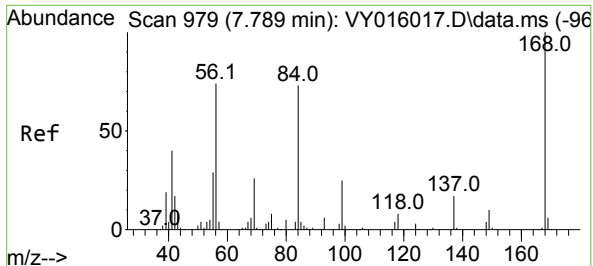
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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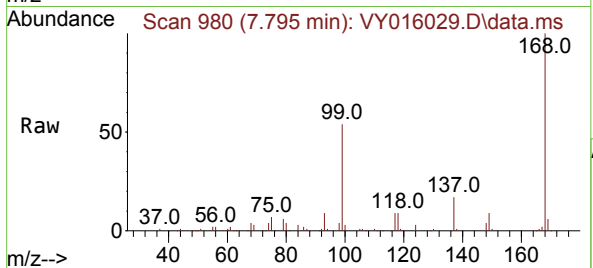
Quant Time: Oct 19 03:27:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 19 03:15:44 2023
Response via : Initial Calibration



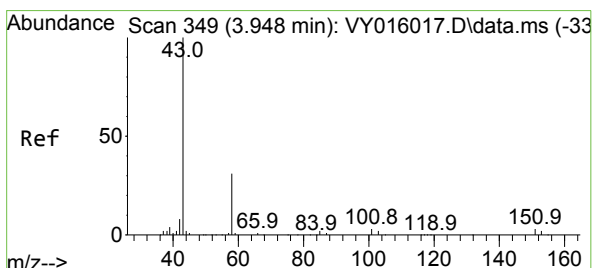
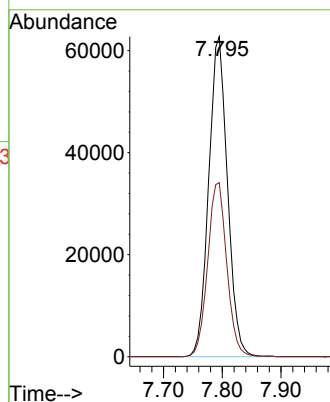
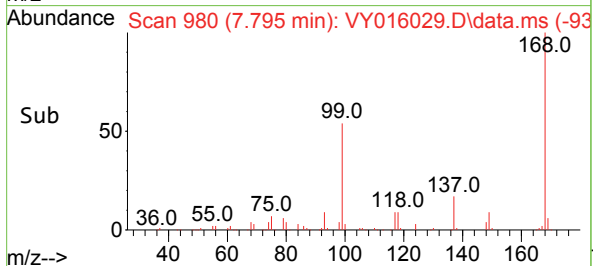


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016029.D
Acq: 18 Oct 2023 18:52

Instrument :
MSVOA_Y
ClientSampleId :

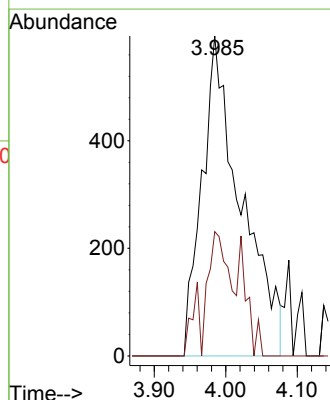
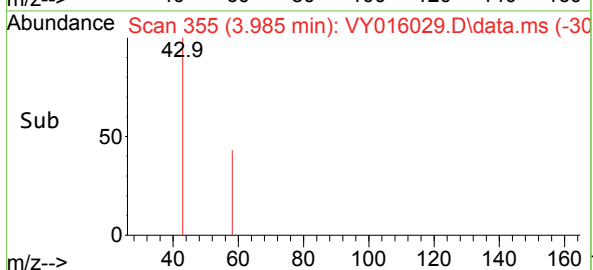
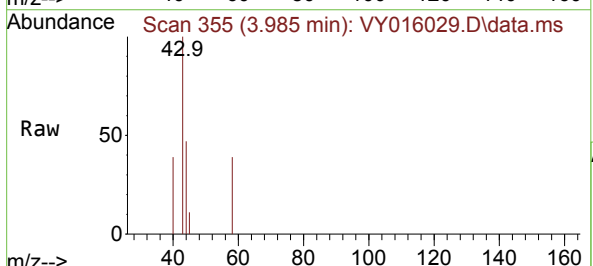


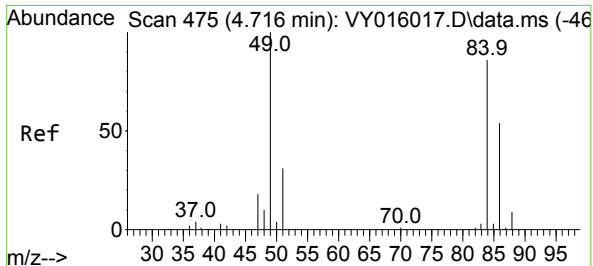
Tgt Ion:168 Resp: 139241
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#16
Acetone
Concen: 3.847 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.036 min
Lab File: VY016029.D
Acq: 18 Oct 2023 18:52

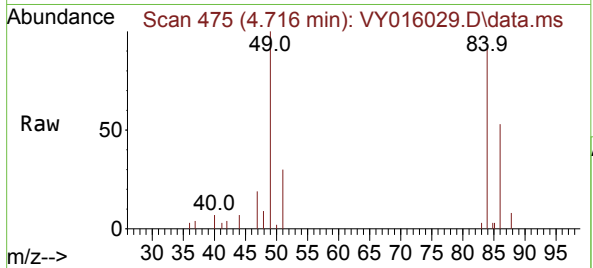
Tgt Ion: 43 Resp: 2257
Ion Ratio Lower Upper
43 100
58 38.8 22.7 34.1#



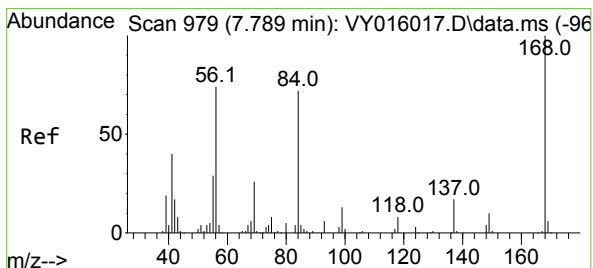
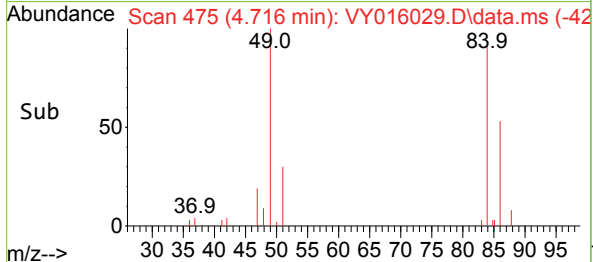
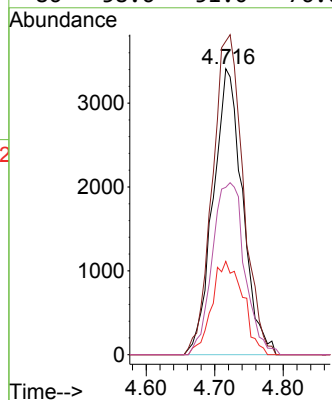


#20
Methylene Chloride
Concen: 5.819 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY016029.D
Acq: 18 Oct 2023 18:52

Instrument :
MSVOA_Y
ClientSampleId :

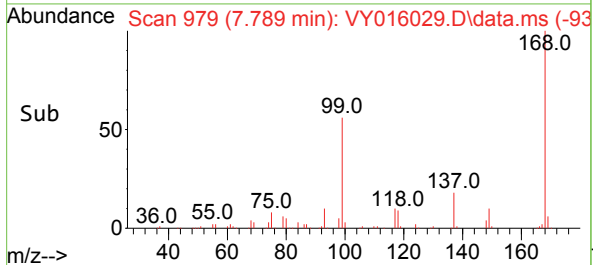
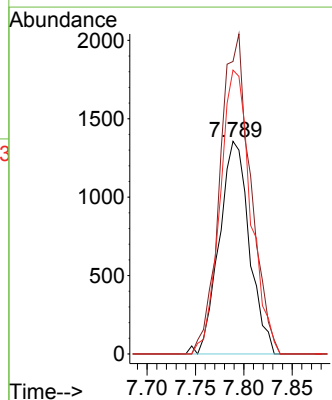
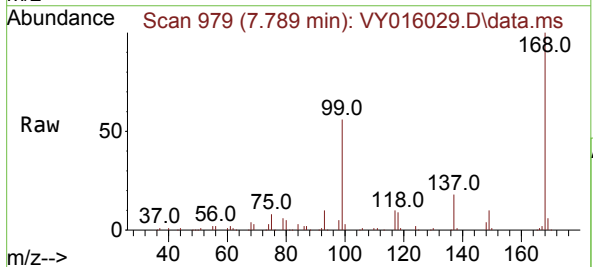


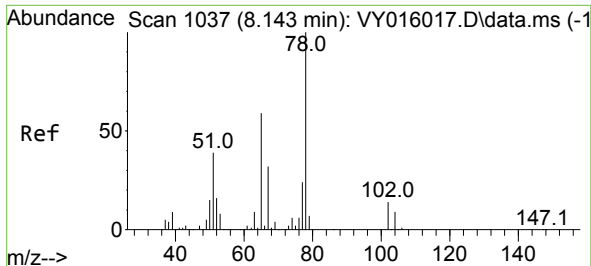
Tgt Ion:	84	Resp:	10141
Ion	Ratio	Lower	Upper
84	100		
49	109.6	106.9	160.3
51	32.6	33.2	49.8#
86	58.6	51.0	76.6



#31
Cyclohexane
Concen: 1.180 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY016029.D
Acq: 18 Oct 2023 18:52

Tgt Ion:	56	Resp:	2924
Ion	Ratio	Lower	Upper
56	100		
69	137.6	27.8	41.6#
84	133.5	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 59.592 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY016029.D

Acq: 18 Oct 2023 18:52

Instrument :

MSVOA_Y

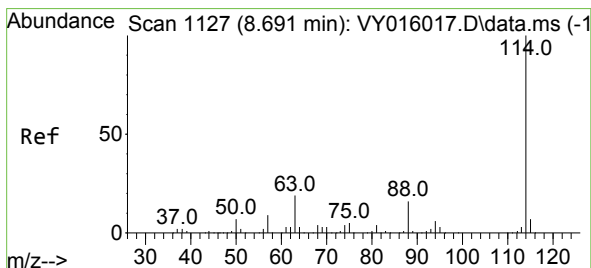
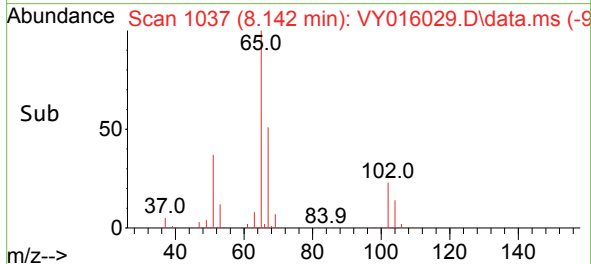
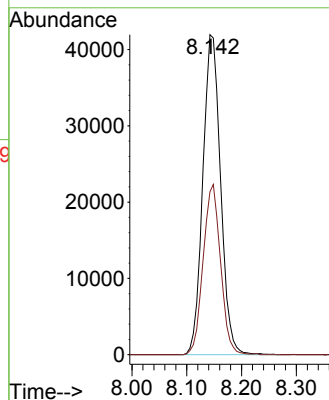
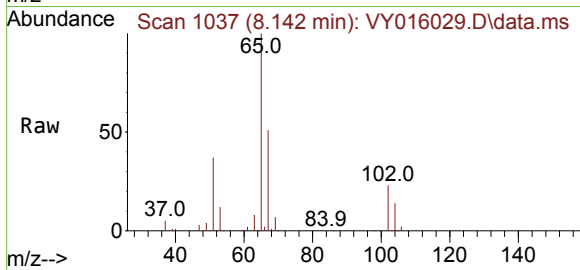
ClientSampleId :

Tgt Ion: 65 Resp: 94308

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016029.D

Acq: 18 Oct 2023 18:52

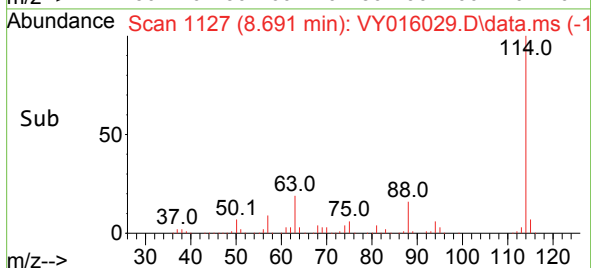
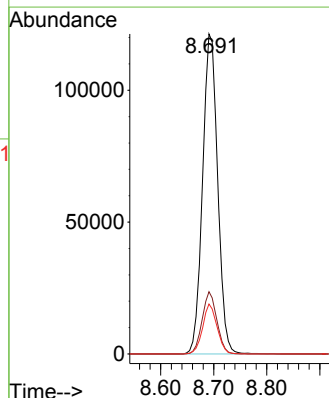
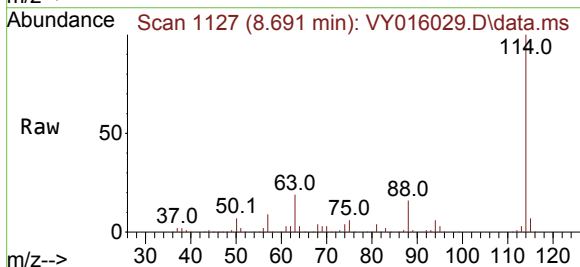
Tgt Ion: 114 Resp: 239864

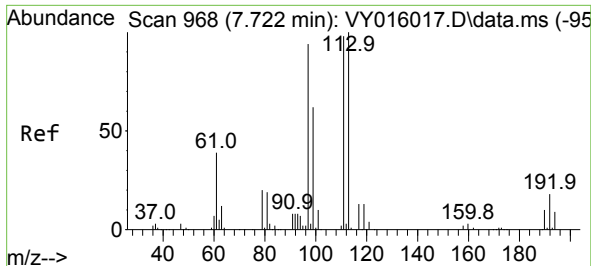
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

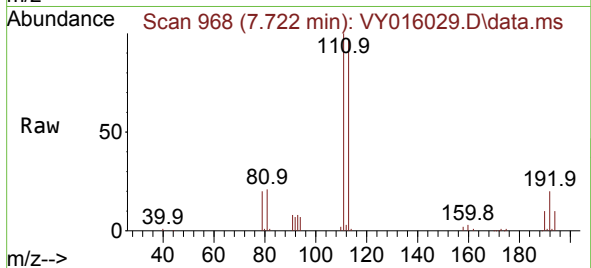
88 15.6 0.0 30.6



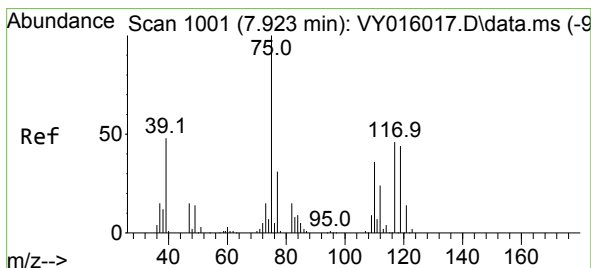
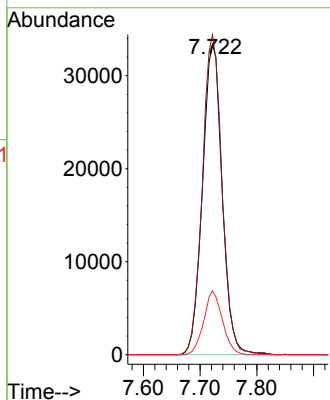
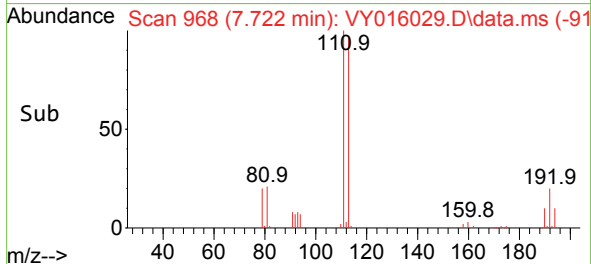


#35
Dibromofluoromethane
Concen: 50.773 ug/l
RT: 7.722 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY016029.D
Acq: 18 Oct 2023 18:52

Instrument :
MSVOA_Y
ClientSampleId :

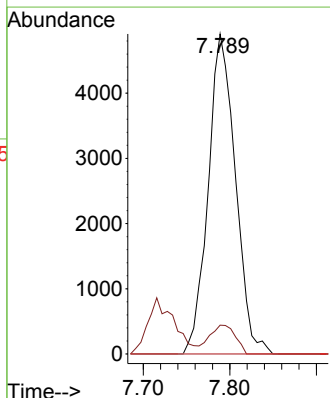
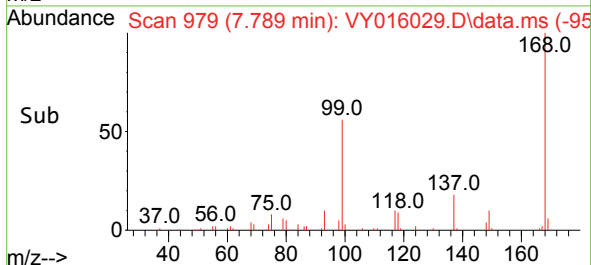
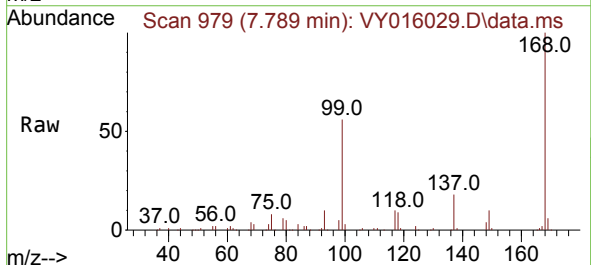


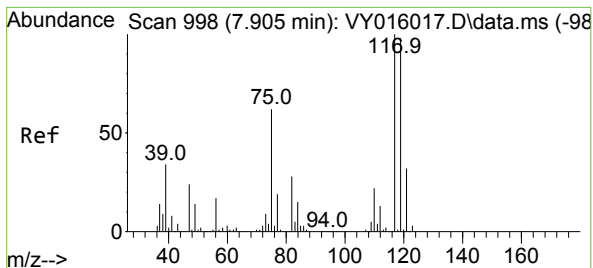
Tgt Ion:113 Resp: 80161
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.515 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY016029.D
Acq: 18 Oct 2023 18:52

Tgt Ion: 75 Resp: 10725
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.437 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.116 min

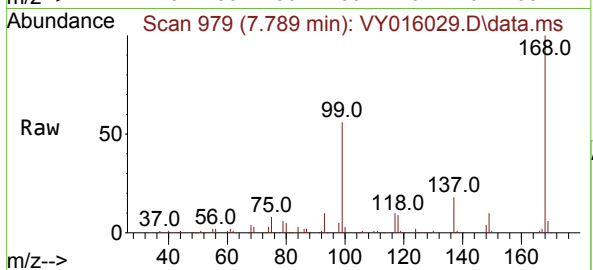
Lab File: VY016029.D

Acq: 18 Oct 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :



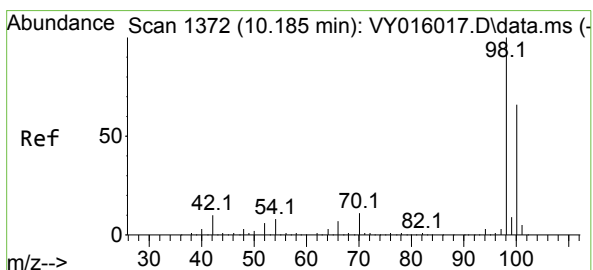
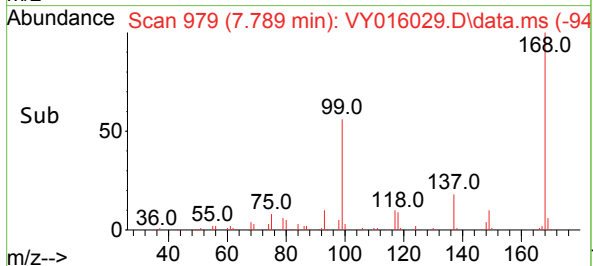
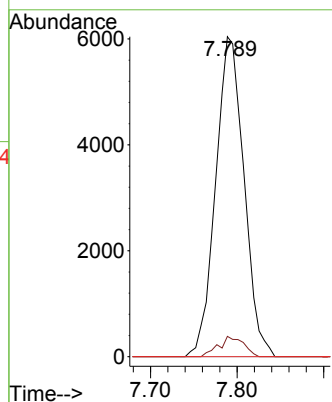
Tgt Ion:117 Resp: 13726

Ion Ratio Lower Upper

117 100

119 6.4 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 48.412 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY016029.D

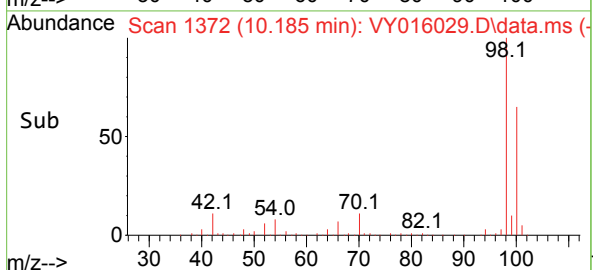
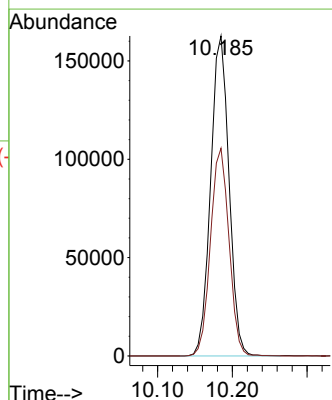
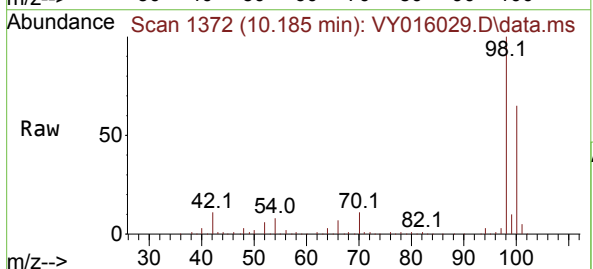
Acq: 18 Oct 2023 18:52

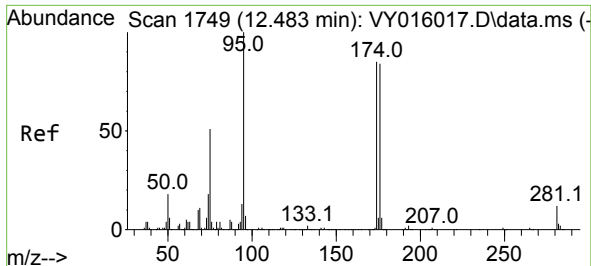
Tgt Ion: 98 Resp: 277596

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

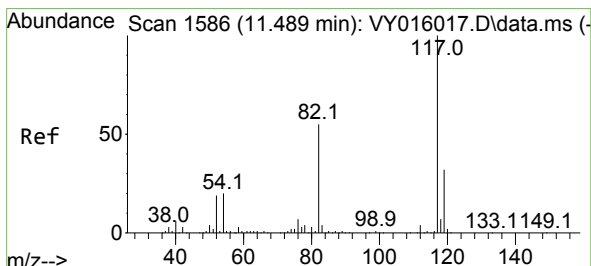
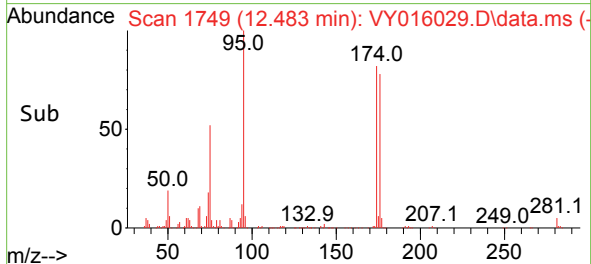
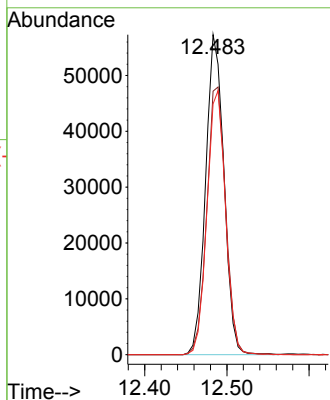
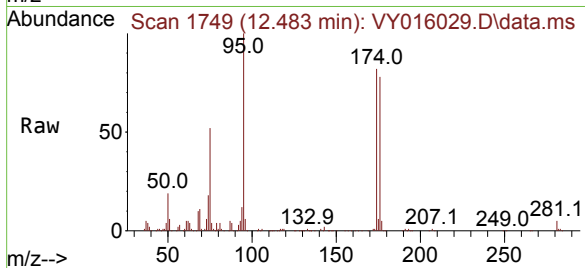




#62
4-Bromofluorobenzene
Concen: 43.301 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016029.D
Acq: 18 Oct 2023 18:52

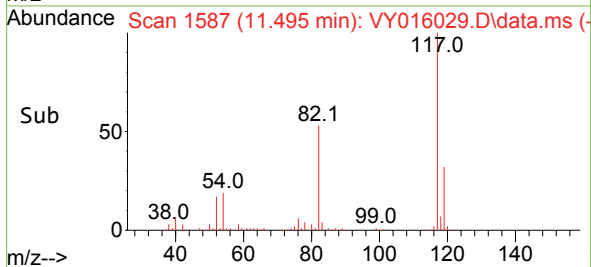
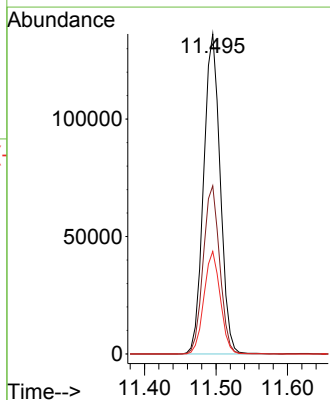
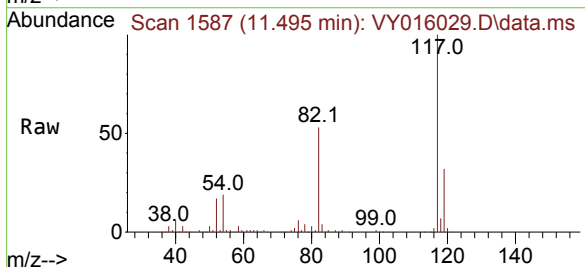
Instrument :
MSVOA_Y
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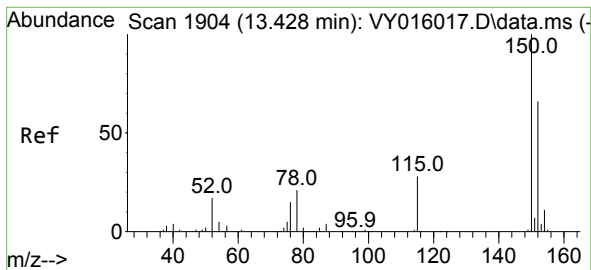
Tgt Ion: 95 Resp: 88593
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 83.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY016029.D
Acq: 18 Oct 2023 18:52

Tgt Ion: 117 Resp: 219070
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.0
119 32.1 26.3 39.5

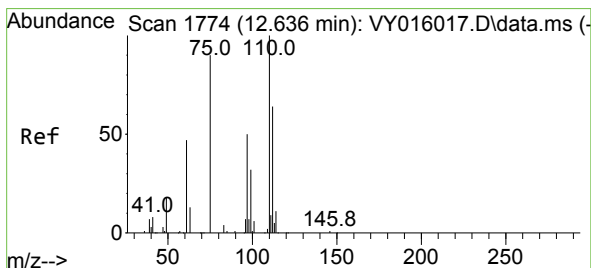
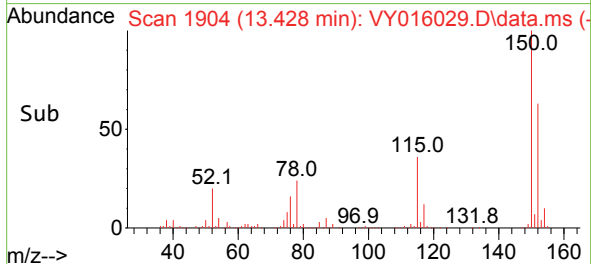
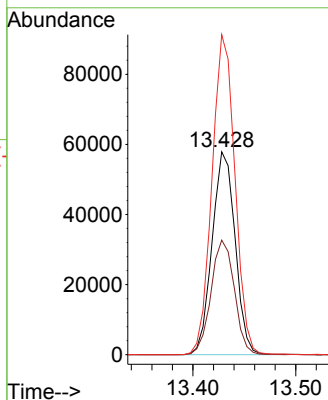
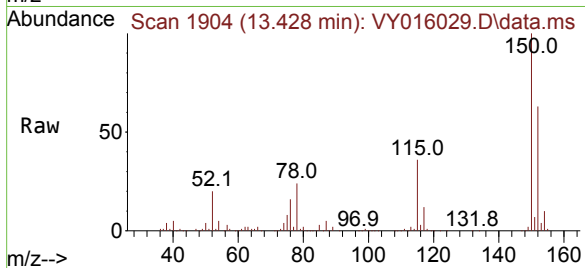




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY016029.D
 Acq: 18 Oct 2023 18:52

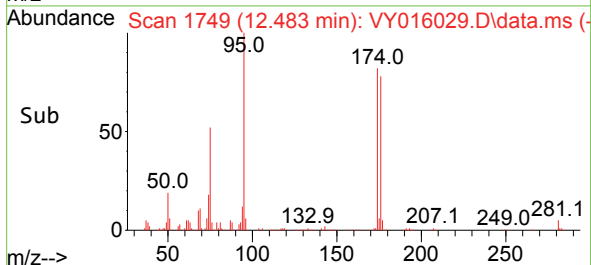
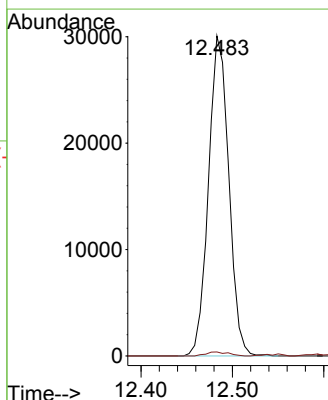
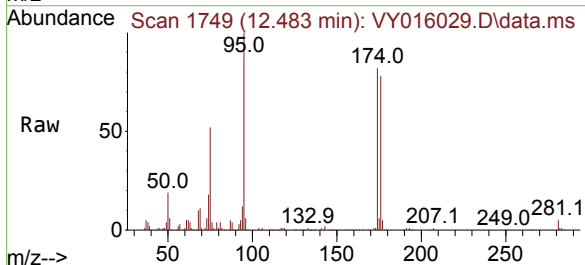
Instrument :
 MSVOA_Y
 ClientSampleId :

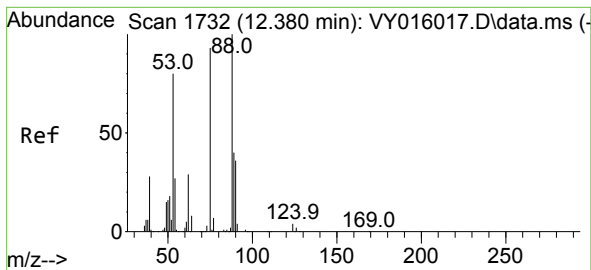
Tgt Ion:152 Resp: 90074
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.8 86.5
 150 157.0 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 36.369 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY016029.D
 Acq: 18 Oct 2023 18:52

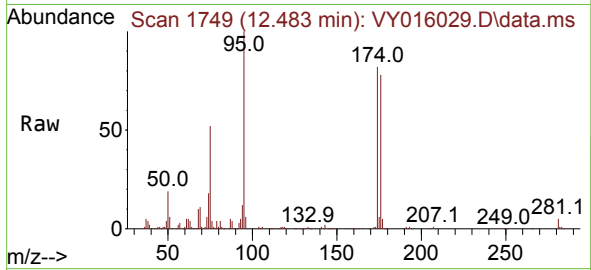
Tgt Ion: 75 Resp: 46383
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.389 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY016029.D
 Acq: 18 Oct 2023 18:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 46383
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.1 37.4 56.0#

