

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042823\
 Data File : VY013514.D
 Acq On : 28 Apr 2023 10:37
 Operator : KP/MD
 Sample : VY0428SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBL01

Quant Time: Apr 28 15:19:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

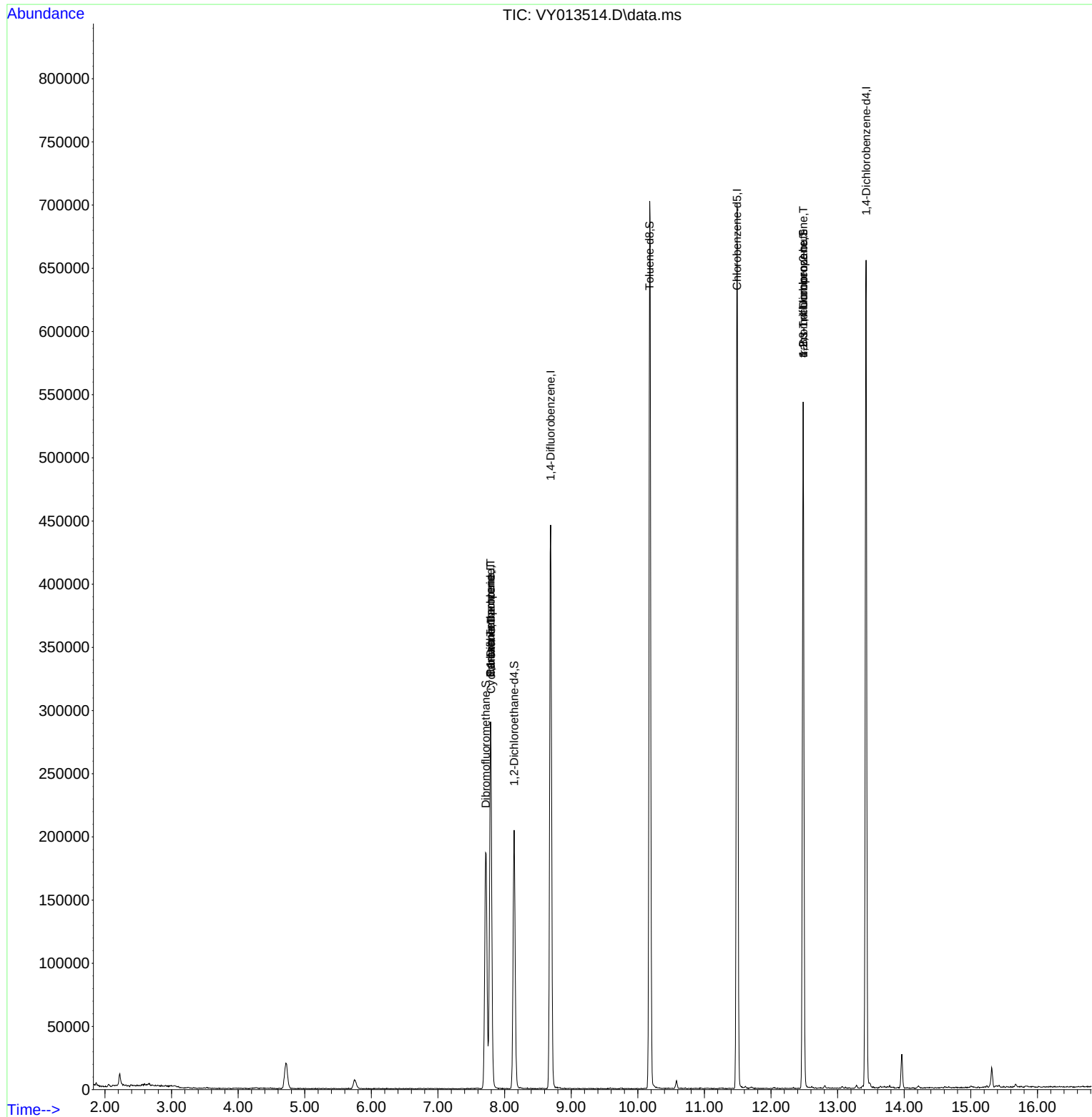
Internal Standards						
1) Pentafluorobenzene	7.789	168	223149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	381013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	368095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	162541	66.446	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.900%			
35) Dibromofluoromethane	7.716	113	132451	55.271	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.540%			
50) Toluene-d8	10.179	98	465506	54.605	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.220%			
62) 4-Bromofluorobenzene	12.483	95	149834	52.135	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.260%			
Target Compounds						
13) Acrolein	3.662	56	19	Below Cal	#	16
20) Methylene Chloride	4.716	84	14952	Below Cal	#	84
31) Cyclohexane	7.795	56	5126	1.170	ug/l #	19
36) 1,1-Dichloropropene	7.789	75	17300	4.350	ug/l #	49
38) Carbon Tetrachloride	7.789	117	22101	5.302	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	80458	35.627	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80458	72.876	ug/l #	13

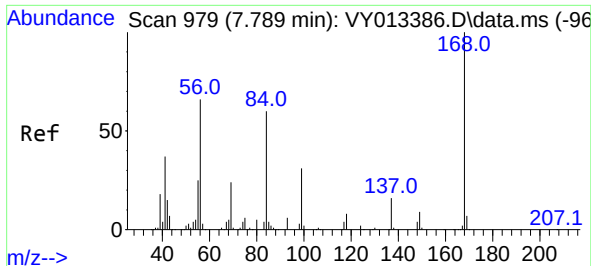
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042823\
Data File : VY013514.D
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VY0428SBL01

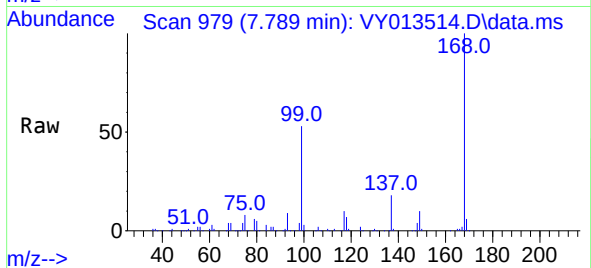
Quant Time: Apr 28 15:19:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration



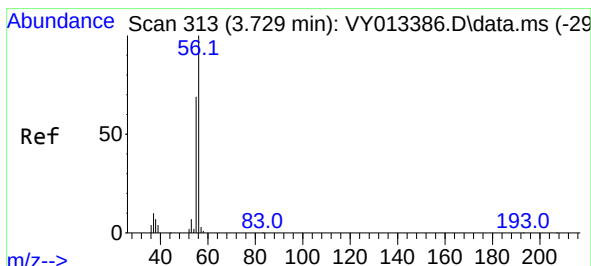
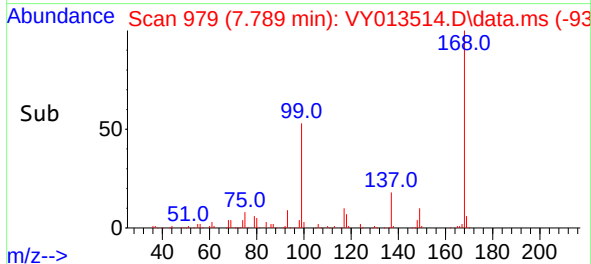
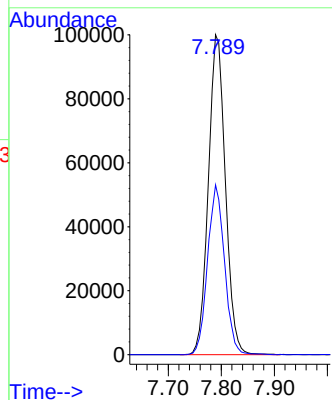


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013514.D
Acq: 28 Apr 2023 10:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBL01

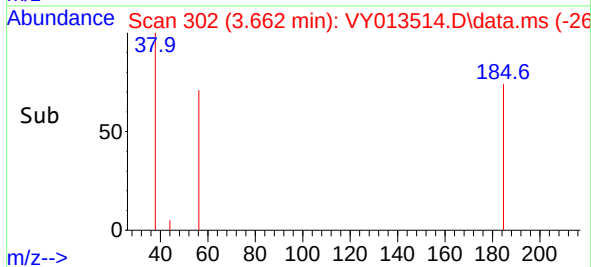
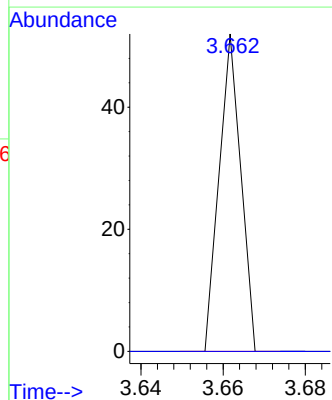
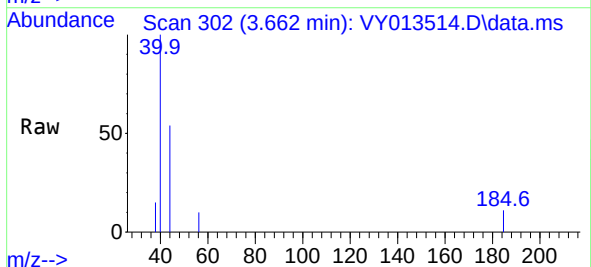


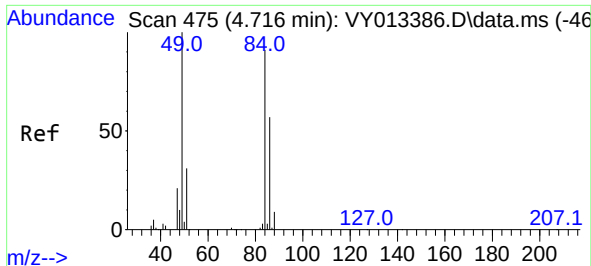
Tgt Ion:168 Resp: 223149
Ion Ratio Lower Upper
168 100
99 53.0 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.662 min Scan# 302
Delta R.T. -0.067 min
Lab File: VY013514.D
Acq: 28 Apr 2023 10:37

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

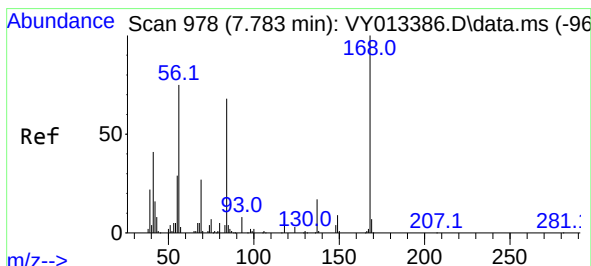
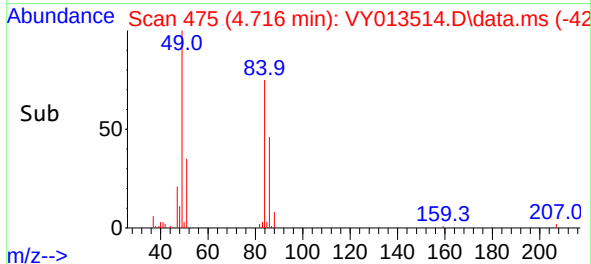
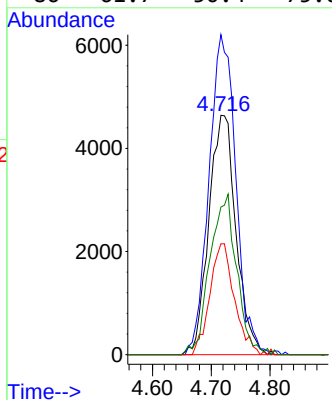
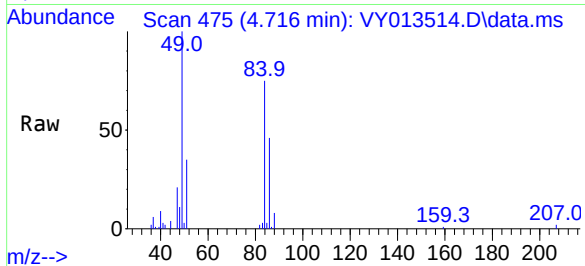




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013514.D
Acq: 28 Apr 2023 10:37

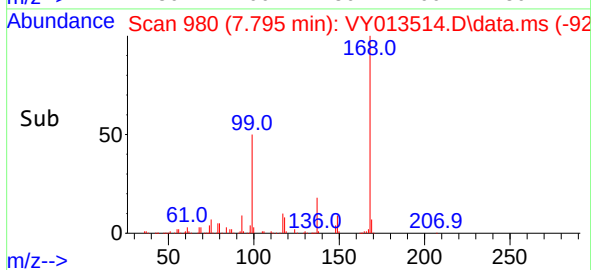
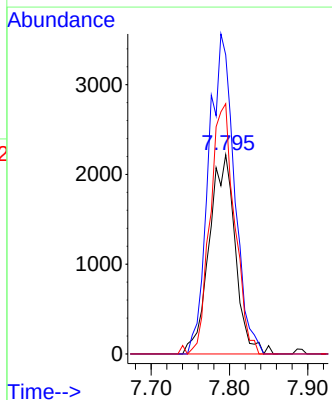
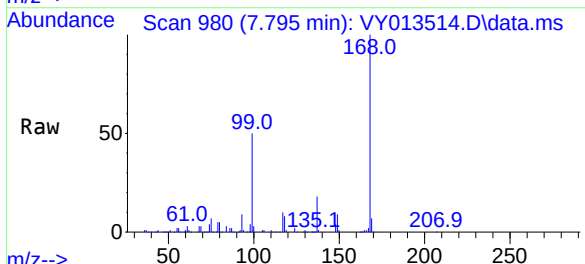
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBL01

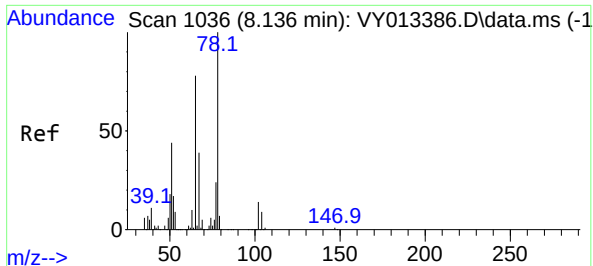
Tgt Ion:	84	Resp:	14952
Ion	Ratio	Lower	Upper
84	100		
49	133.7	88.0	132.0#
51	46.3	27.4	41.0#
86	61.7	50.4	75.6



#31
Cyclohexane
Concen: 1.170 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY013514.D
Acq: 28 Apr 2023 10:37

Tgt Ion:	56	Resp:	5126
Ion	Ratio	Lower	Upper
56	100		
69	150.2	29.2	43.8#
84	125.6	73.0	109.6#





#33

1,2-Dichloroethane-d4

Concen: 66.446 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY013514.D

Acq: 28 Apr 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

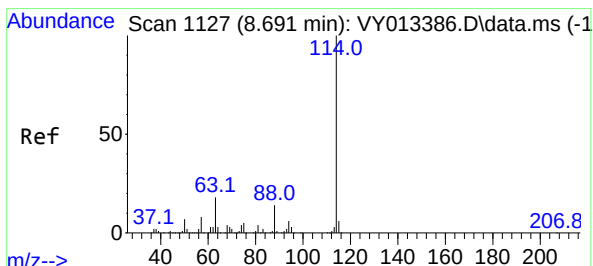
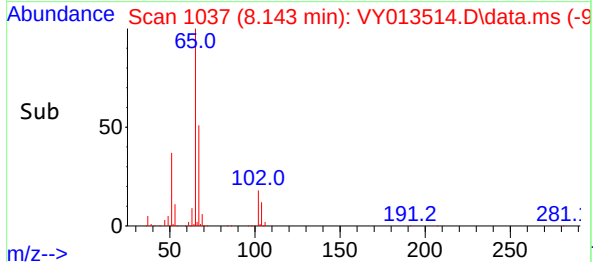
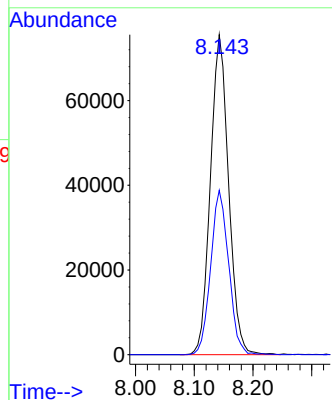
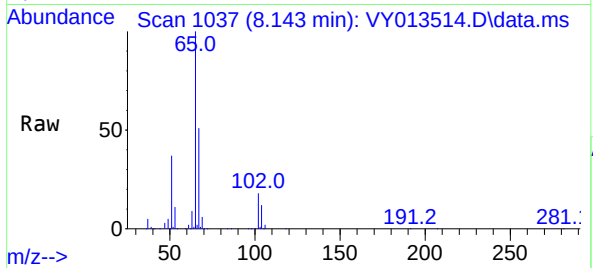
VY0428SBL01

Tgt Ion: 65 Resp: 162541

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013514.D

Acq: 28 Apr 2023 10:37

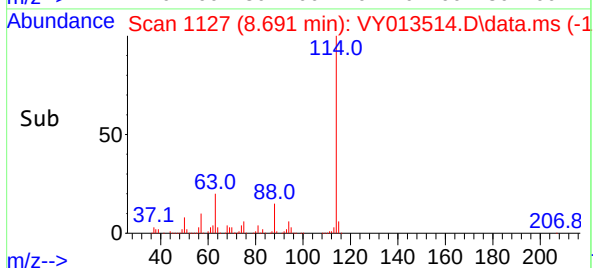
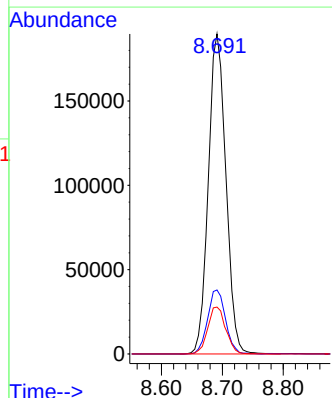
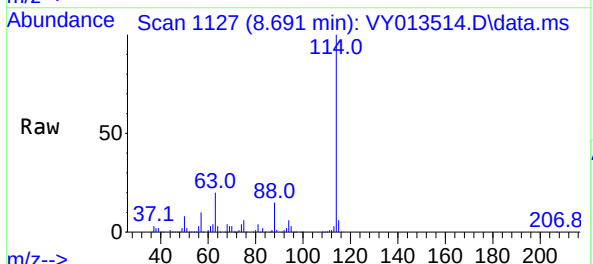
Tgt Ion: 114 Resp: 381013

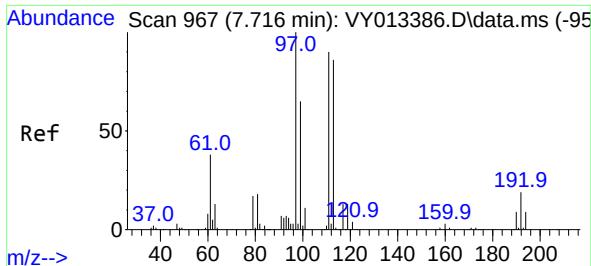
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.6

88 14.6 0.0 28.8

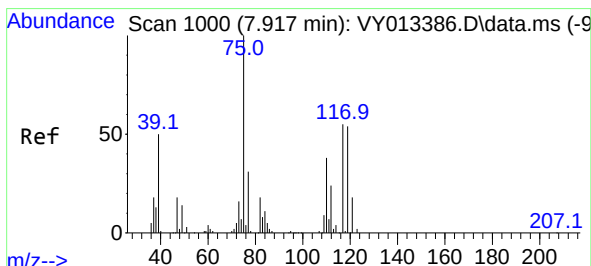
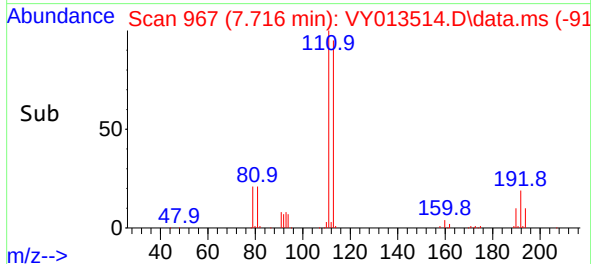
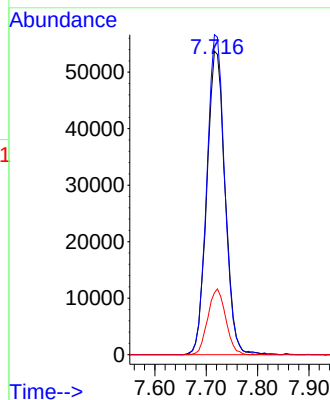
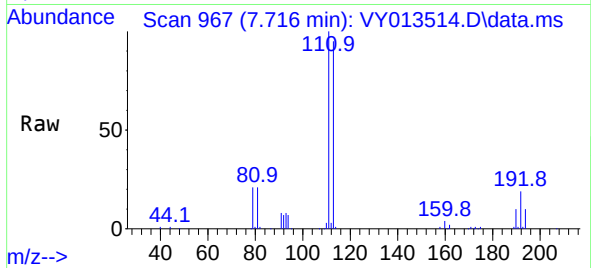




#35
Dibromofluoromethane
Concen: 55.271 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013514.D
Acq: 28 Apr 2023 10:37

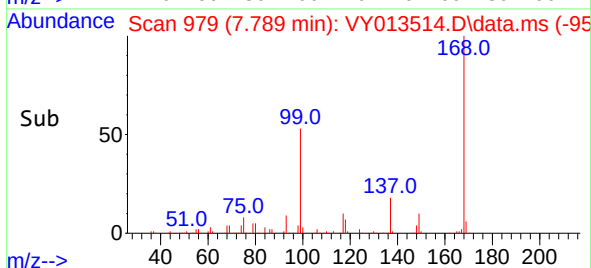
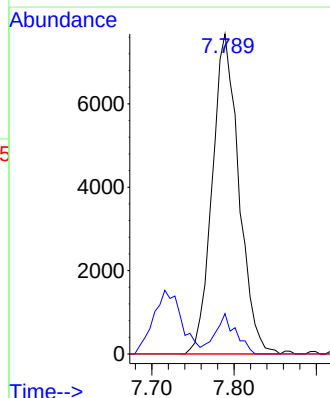
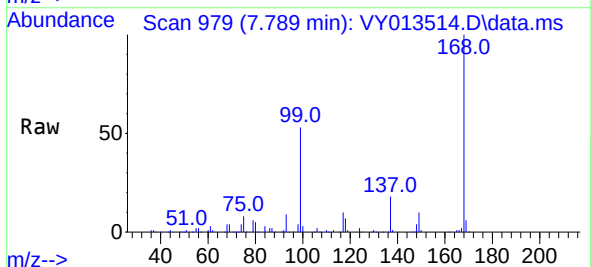
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBL01

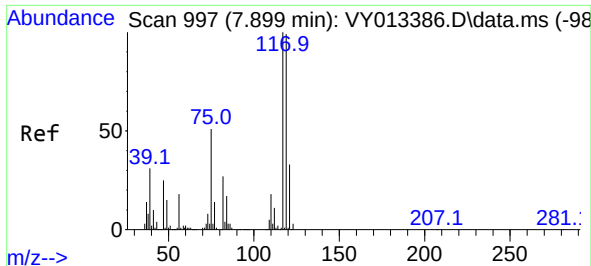
Tgt Ion:113 Resp: 132451
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 21.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.350 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013514.D
Acq: 28 Apr 2023 10:37

Tgt Ion: 75 Resp: 17300
Ion Ratio Lower Upper
75 100
110 9.8 18.7 56.1#
77 0.0 24.6 37.0#

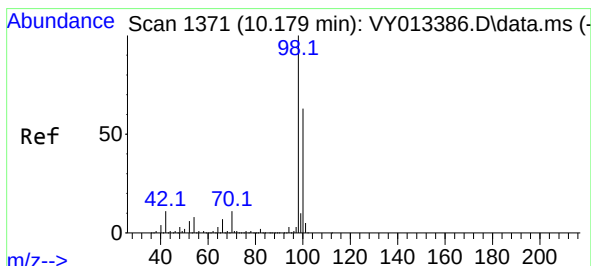
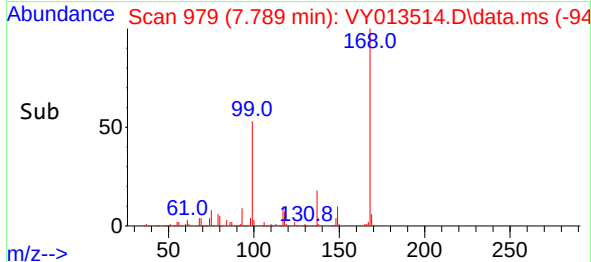
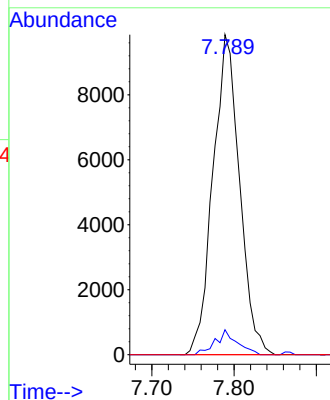
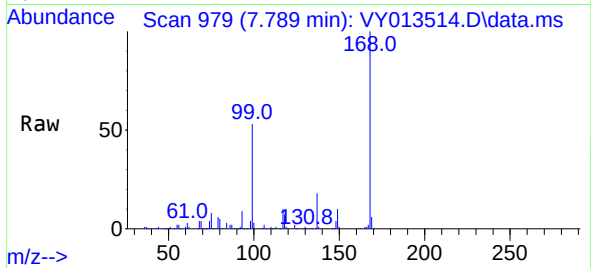




#38
Carbon Tetrachloride
Concen: 5.302 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013514.D
Acq: 28 Apr 2023 10:37

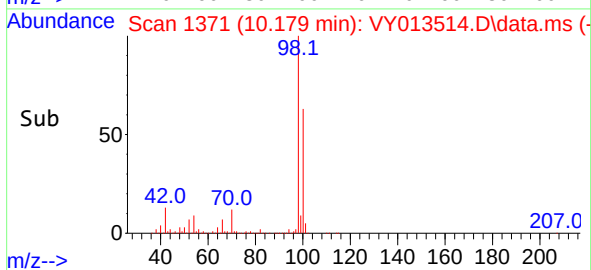
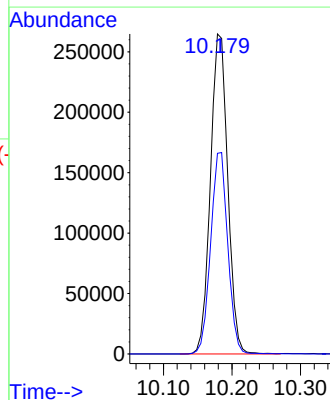
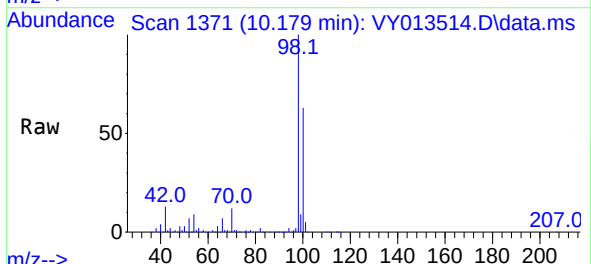
Instrument :
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ClientSampleId :
VY0428SBL01

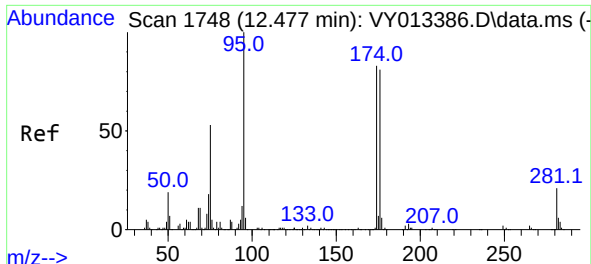
Tgt Ion:117 Resp: 22101
Ion Ratio Lower Upper
117 100
119 7.8 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 54.605 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013514.D
Acq: 28 Apr 2023 10:37

Tgt Ion: 98 Resp: 465506
Ion Ratio Lower Upper
98 100
100 62.3 50.5 75.7

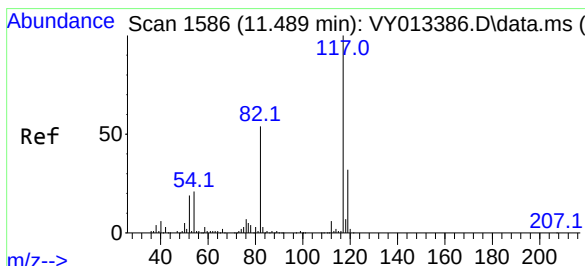
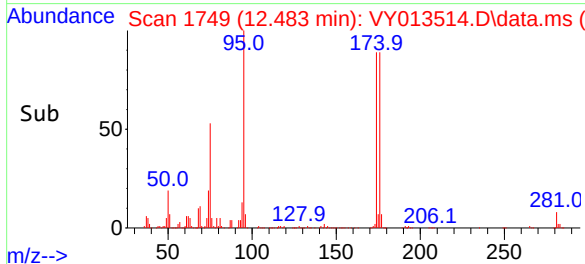
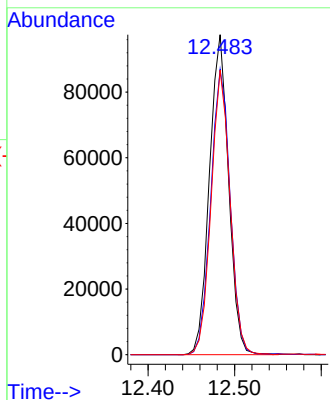
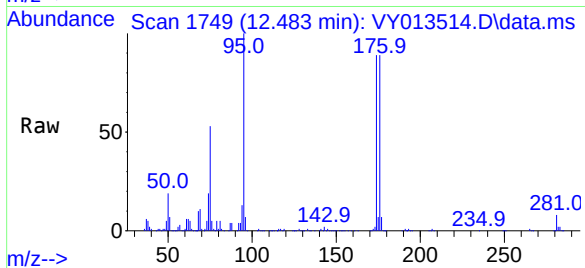




#62
4-Bromofluorobenzene
Concen: 52.135 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013514.D
Acq: 28 Apr 2023 10:37

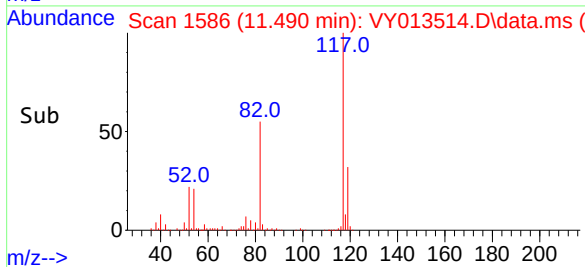
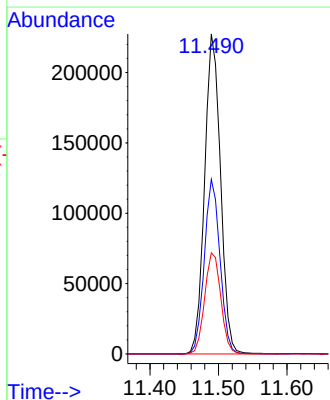
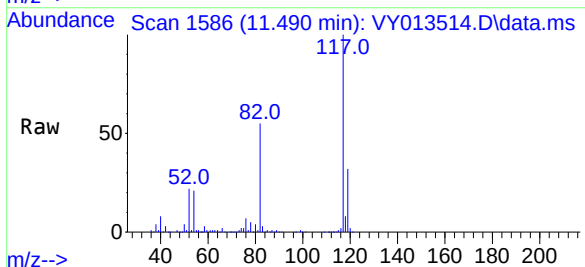
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ClientSampleId :
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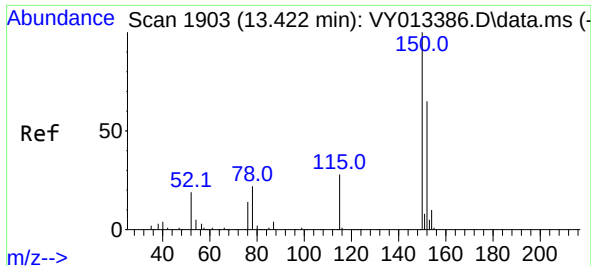
Tgt Ion: 95 Resp: 149834
Ion Ratio Lower Upper
95 100
174 90.7 0.0 182.0
176 87.7 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013514.D
Acq: 28 Apr 2023 10:37

Tgt Ion: 117 Resp: 368095
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.6
119 31.6 25.5 38.3

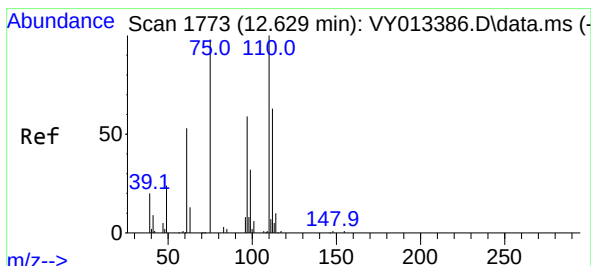
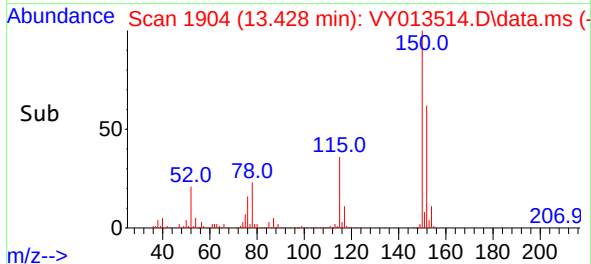
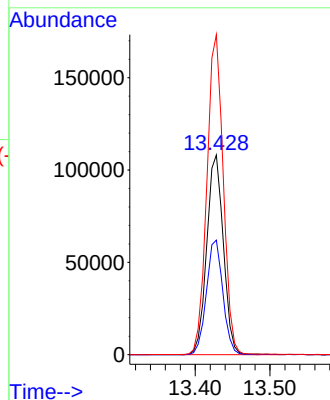
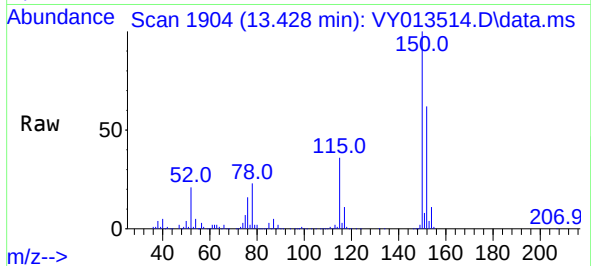




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY013514.D
Acq: 28 Apr 2023 10:37

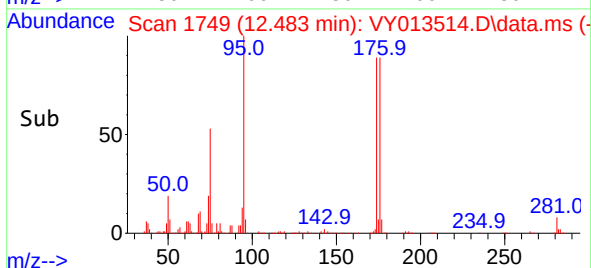
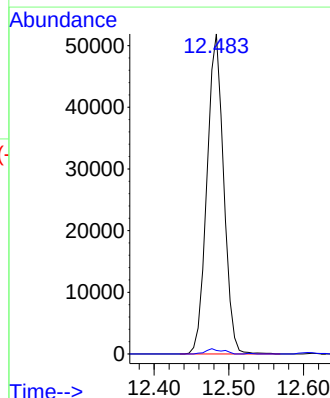
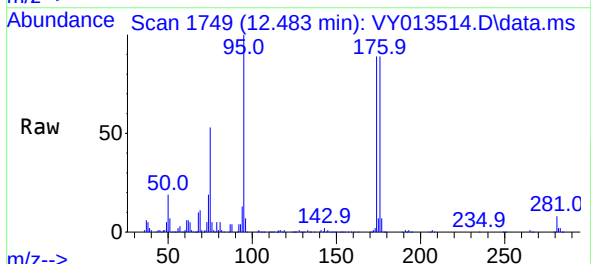
Instrument :
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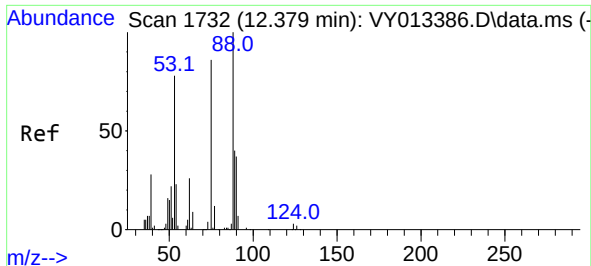
Tgt Ion:152 Resp: 167457
Ion Ratio Lower Upper
152 100
115 56.8 28.1 84.2
150 157.4 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 35.627 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013514.D
Acq: 28 Apr 2023 10:37

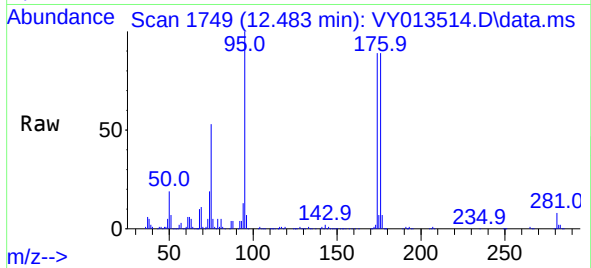
Tgt Ion: 75 Resp: 80458
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.876 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013514.D
 Acq: 28 Apr 2023 10:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBL01



Tgt Ion: 75 Resp: 80458
 Ion Ratio Lower Upper
 75 100
 53 0.2 73.2 109.8#
 89 0.0 38.0 57.0#

