

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060223\
 Data File : VY013996.D
 Acq On : 02 Jun 2023 17:41
 Operator : KP/MD
 Sample : 03016-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB29

Quant Time: Jun 05 09:45:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

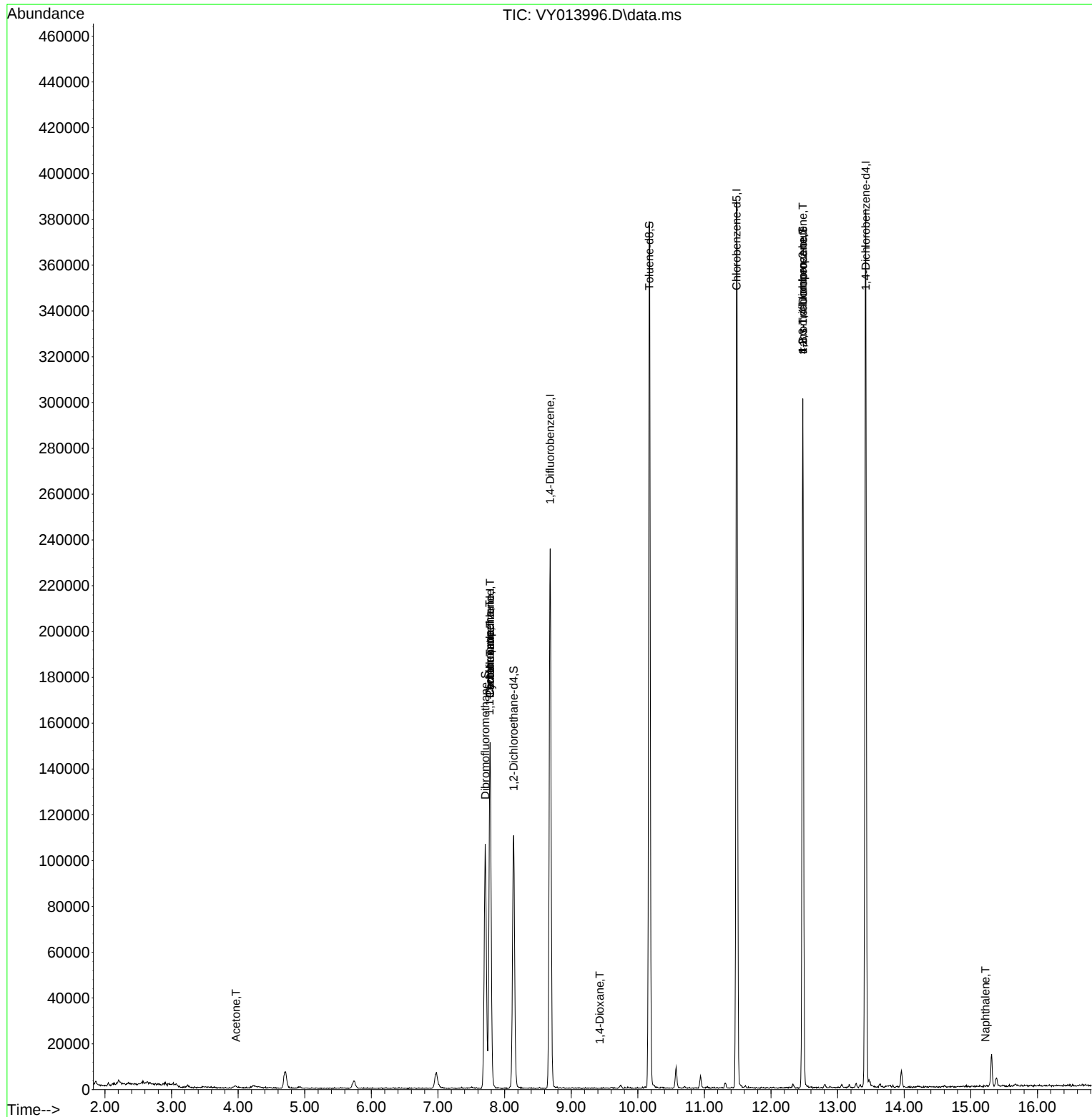
Internal Standards						
1) Pentafluorobenzene	7.783	168	114472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	193291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	203871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91065	60.095	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.200%	
35) Dibromofluoromethane	7.710	113	70576	57.454	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.900%	
50) Toluene-d8	10.173	98	243099	51.882	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.760%	
62) 4-Bromofluorobenzene	12.477	95	81660	51.120	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.240%	
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	1700	3.279	ug/l #	46
31) Cyclohexane	7.783	56	2723	1.492	ug/l #	45
36) 1,1-Dichloropropene	7.777	75	9061	5.178	ug/l #	51
38) Carbon Tetrachloride	7.783	117	11565	5.897	ug/l #	16
49) 1,4-Dioxane	9.429	88	21	1.619	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	46176	35.117	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46176	74.500	ug/l #	11
95) Naphthalene	15.220	128	287	3.939	ug/l #	69

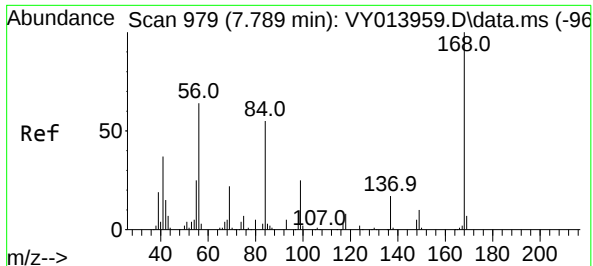
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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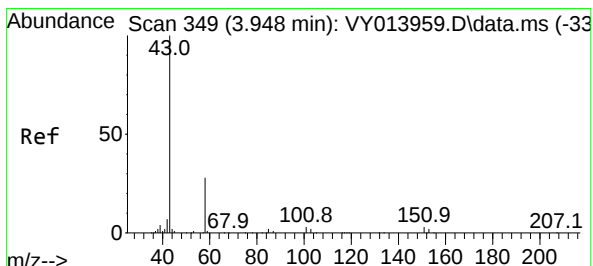
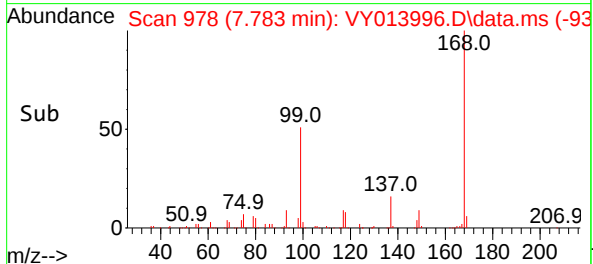
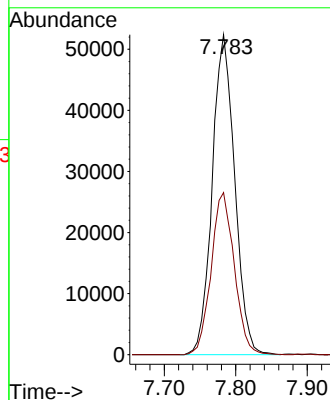
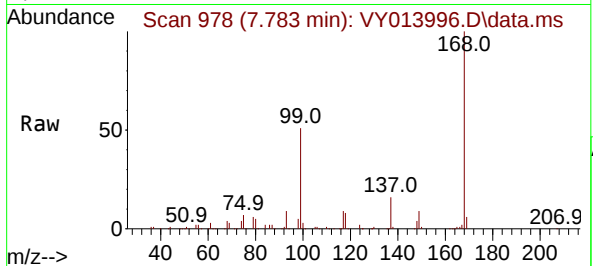




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013996.D
Acq: 02 Jun 2023 17:41

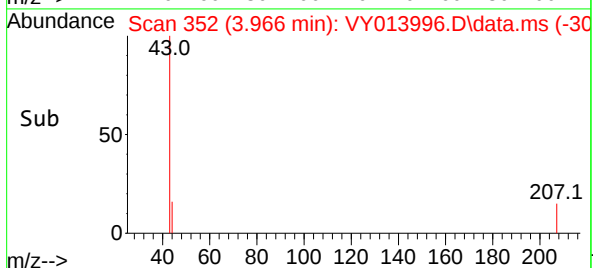
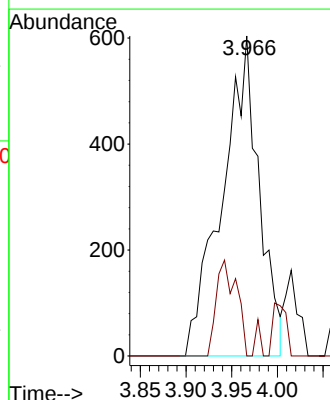
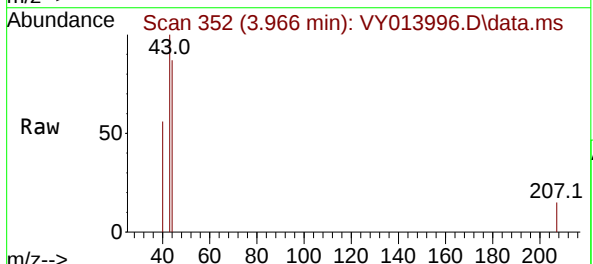
Instrument :
MSVOA_Y
ClientSampleId :
SB29

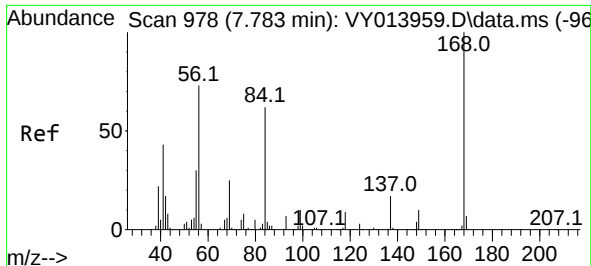
Tgt Ion:168 Resp: 114472
Ion Ratio Lower Upper
168 100
99 50.7 43.4 65.0



#16
Acetone
Concen: 3.279 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY013996.D
Acq: 02 Jun 2023 17:41

Tgt Ion: 43 Resp: 1700
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#

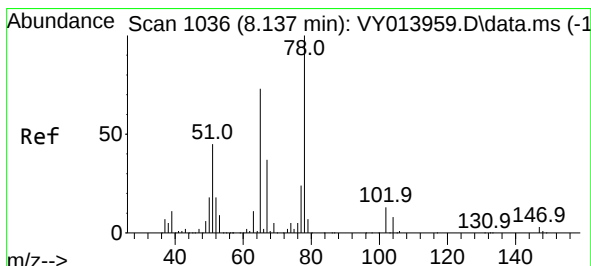
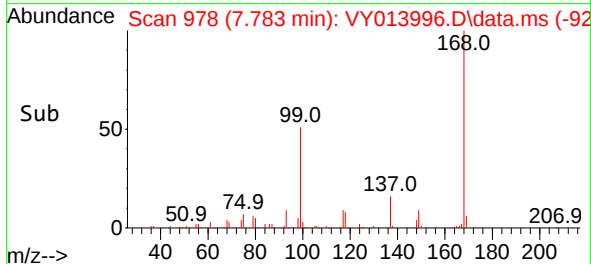
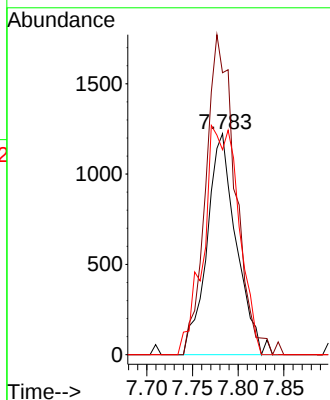
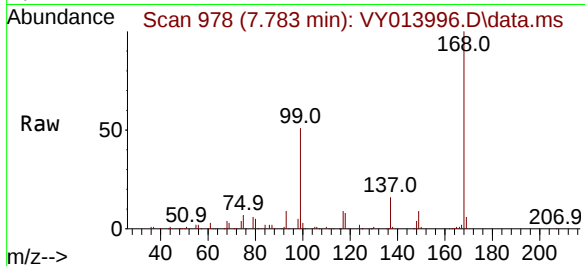




#31
Cyclohexane
Concen: 1.492 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013996.D
Acq: 02 Jun 2023 17:41

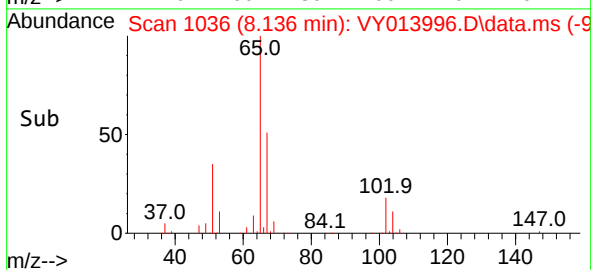
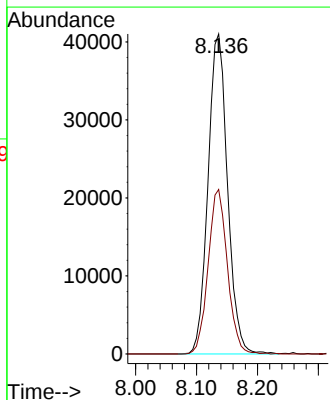
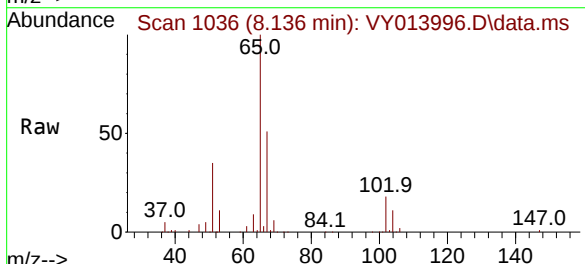
Instrument :
MSVOA_Y
ClientSampleId :
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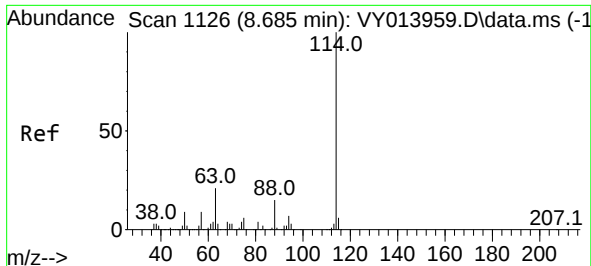
Tgt Ion: 56 Resp: 2723
Ion Ratio Lower Upper
56 100
69 127.5 27.8 41.6#
84 92.7 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 60.095 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013996.D
Acq: 02 Jun 2023 17:41

Tgt Ion: 65 Resp: 91065
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY013996.D

Acq: 02 Jun 2023 17:41

Instrument :

MSVOA_Y

ClientSampleId :

SB29

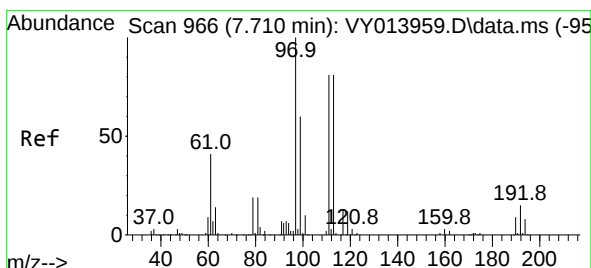
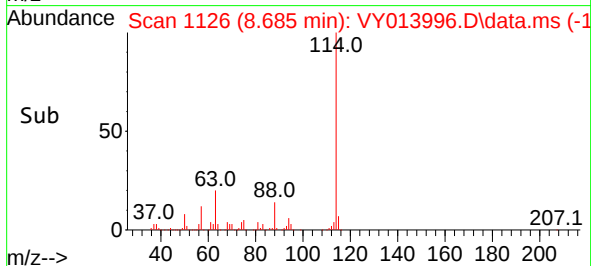
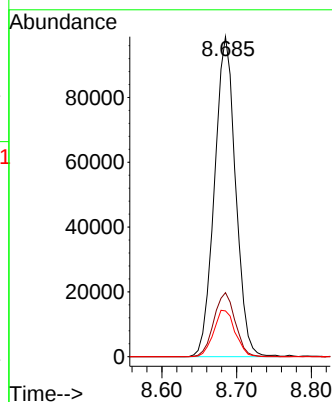
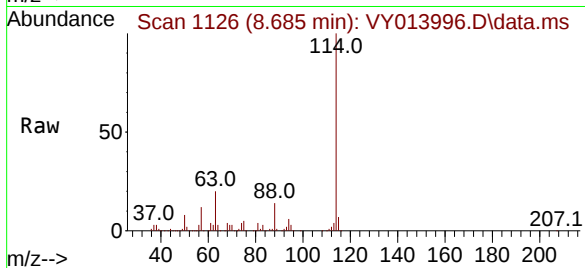
Tgt Ion:114 Resp: 193291

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.454 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY013996.D

Acq: 02 Jun 2023 17:41

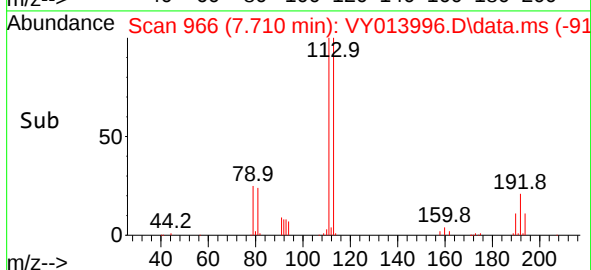
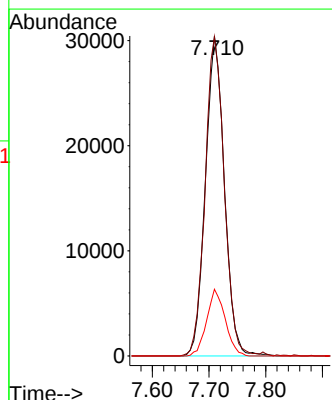
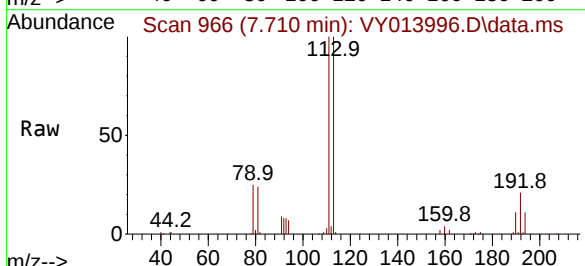
Tgt Ion:113 Resp: 70576

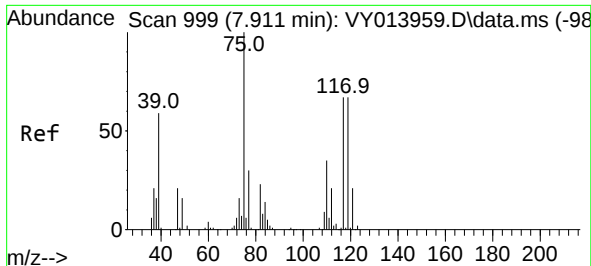
Ion Ratio Lower Upper

113 100

111 101.0 81.3 121.9

192 20.5 16.9 25.3

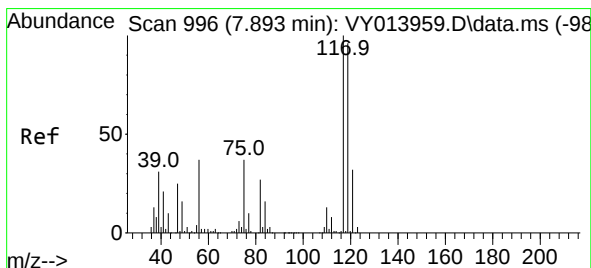
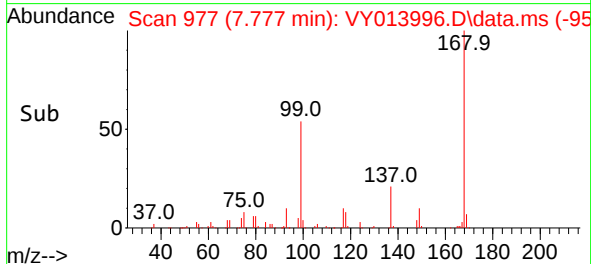
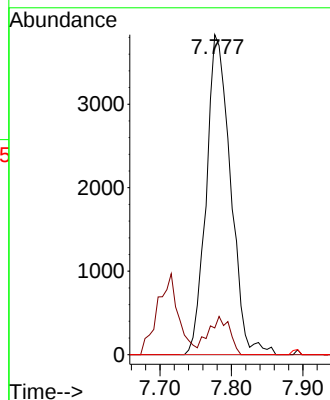
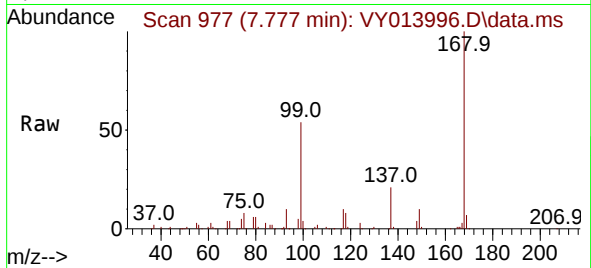




#36
1,1-Dichloropropene
Concen: 5.178 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY013996.D
Acq: 02 Jun 2023 17:41

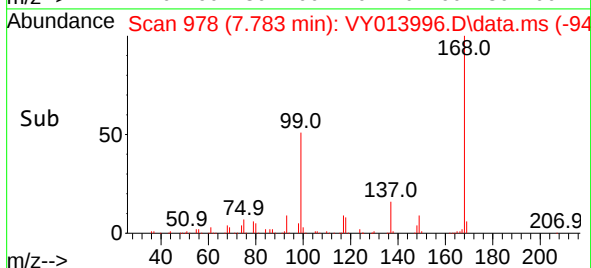
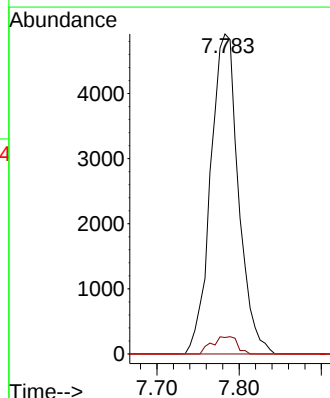
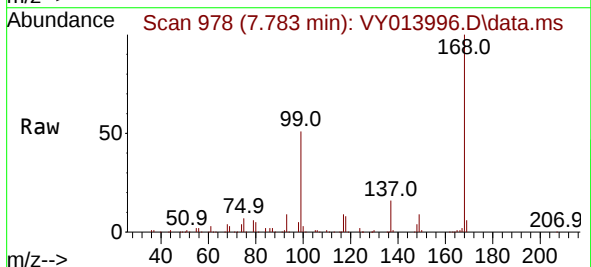
Instrument :
MSVOA_Y
ClientSampleId :
SB29

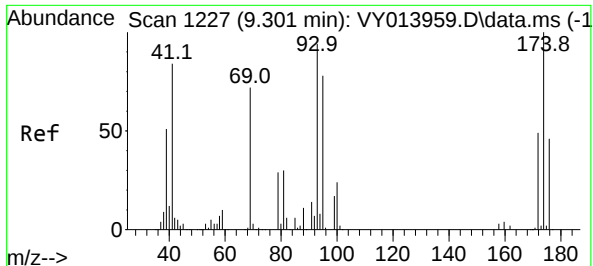
Tgt Ion: 75 Resp: 9061
Ion Ratio Lower Upper
75 100
110 10.4 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.897 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY013996.D
Acq: 02 Jun 2023 17:41

Tgt Ion: 117 Resp: 11565
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#





#49

1,4-Dioxane

Concen: 1.619 ug/l

RT: 9.429 min Scan# 11

Delta R.T. 0.128 min

Lab File: VY013996.D

Acq: 02 Jun 2023 17:41

Instrument :

MSVOA_Y

ClientSampleId :

SB29

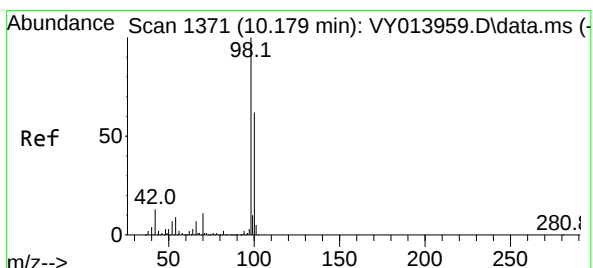
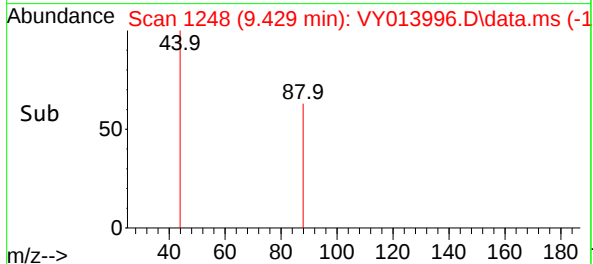
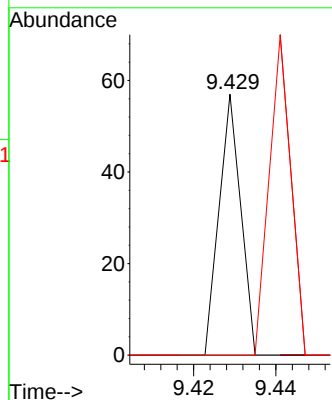
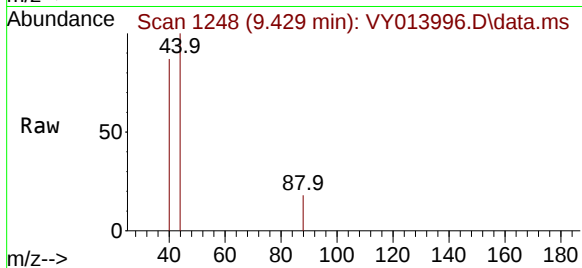
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 123.8 30.9 46.3#



#50

Toluene-d8

Concen: 51.882 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY013996.D

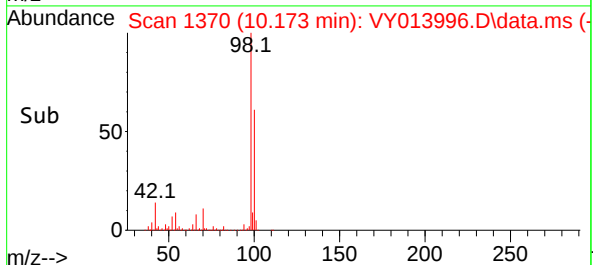
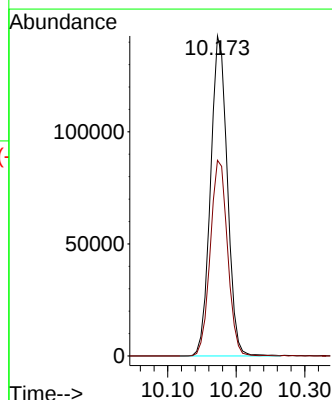
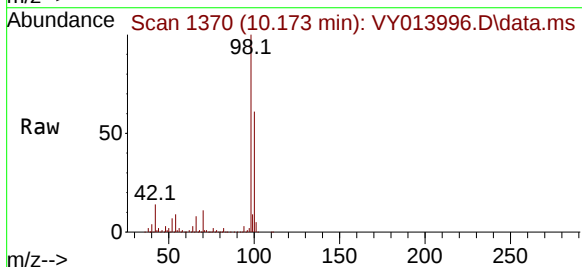
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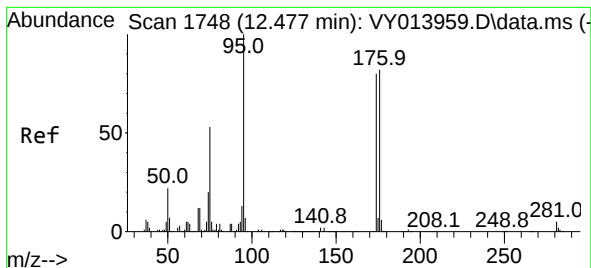
Tgt Ion: 98 Resp: 243099

Ion Ratio Lower Upper

98 100

100 62.7 50.1 75.1

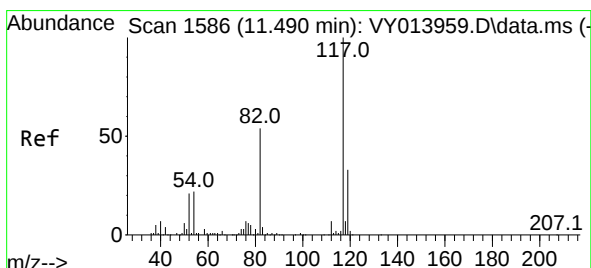
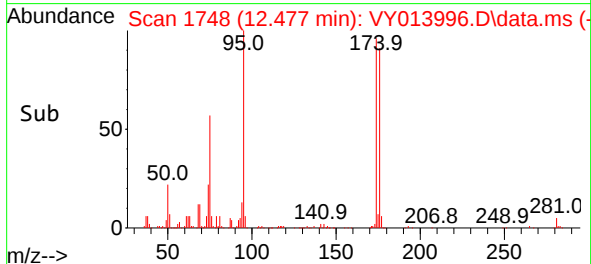
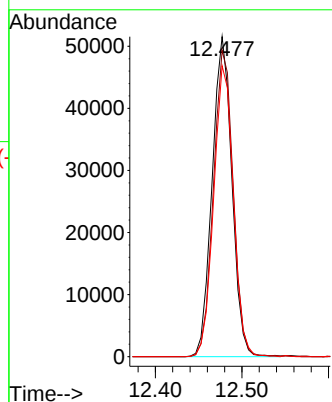
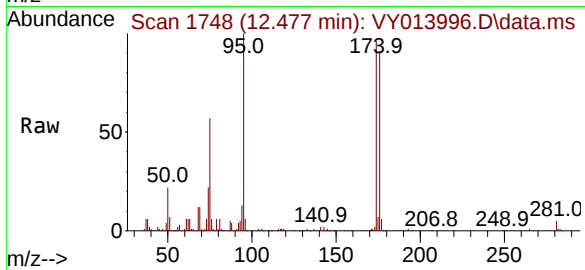




#62
4-Bromofluorobenzene
Concen: 51.120 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013996.D
Acq: 02 Jun 2023 17:41

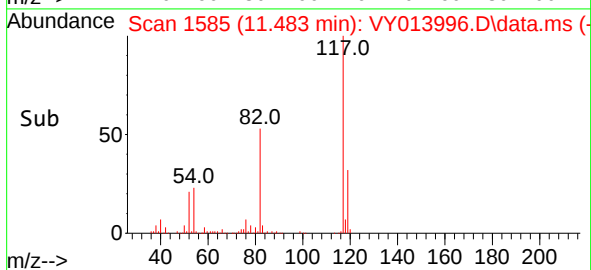
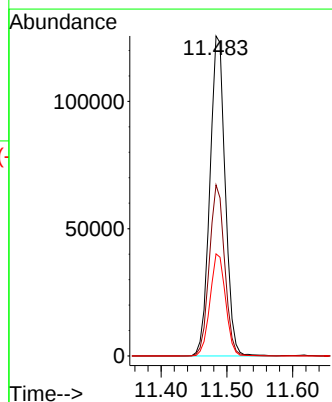
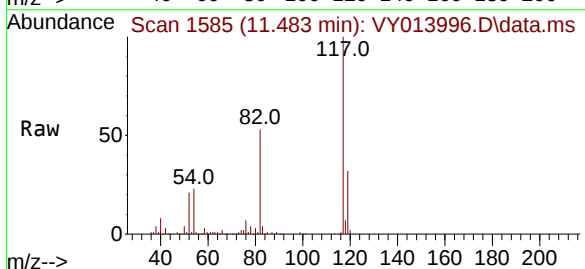
Instrument :
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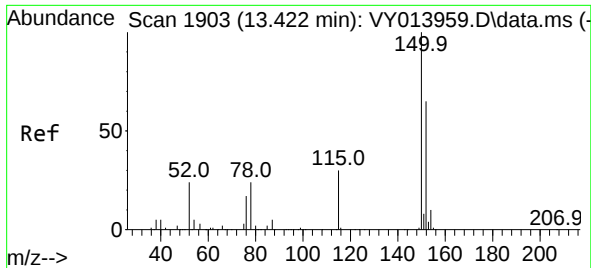
Tgt Ion: 95 Resp: 81660
Ion Ratio Lower Upper
95 100
174 96.0 0.0 178.2
176 90.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013996.D
Acq: 02 Jun 2023 17:41

Tgt Ion: 117 Resp: 203871
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.9 26.3 39.5

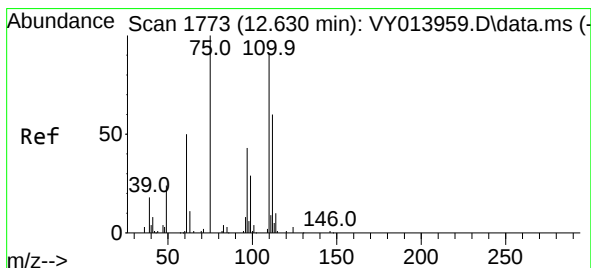
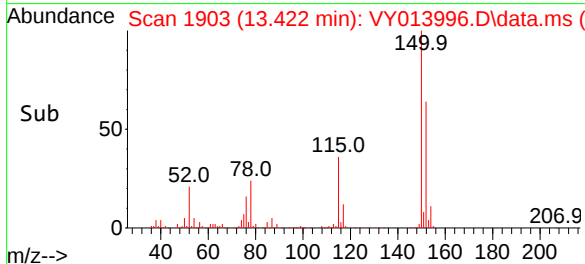
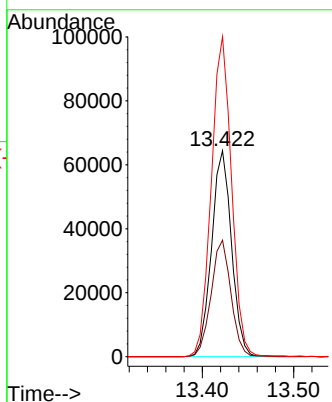
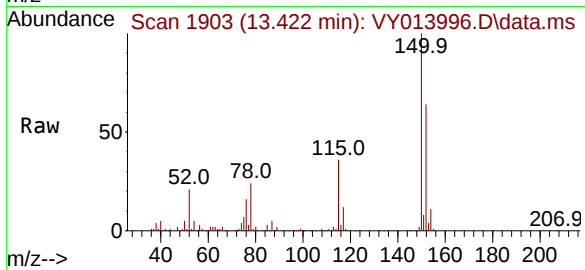




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY013996.D
 Acq: 02 Jun 2023 17:41

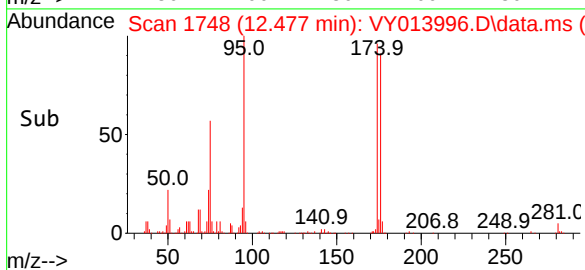
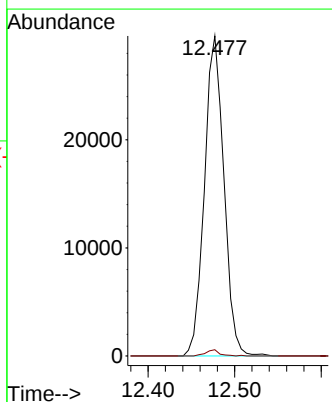
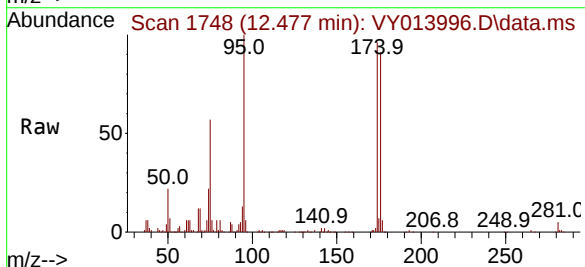
Instrument :
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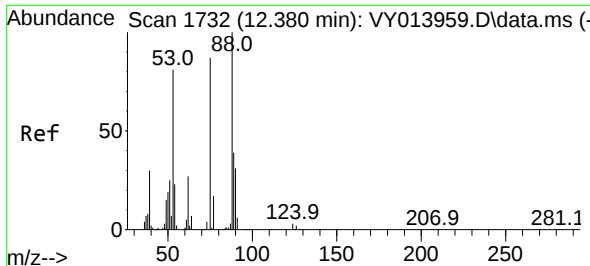
Tgt Ion:152 Resp: 97714
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.8 86.5
 150 157.3 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 35.117 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY013996.D
 Acq: 02 Jun 2023 17:41

Tgt Ion: 75 Resp: 46176
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

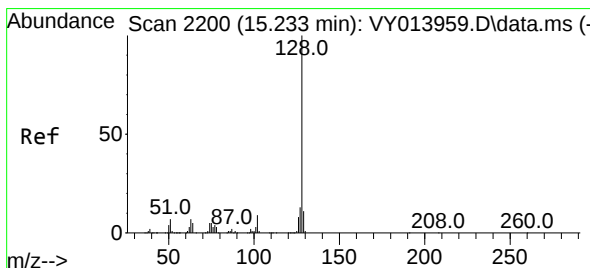
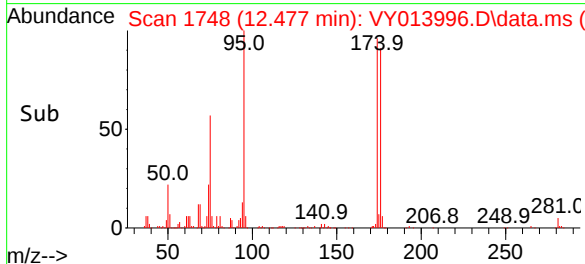
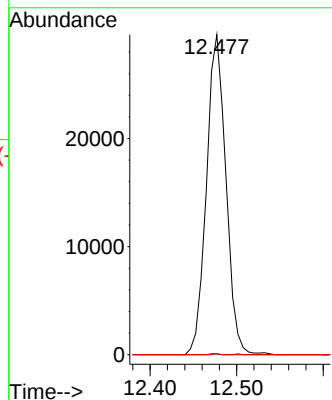
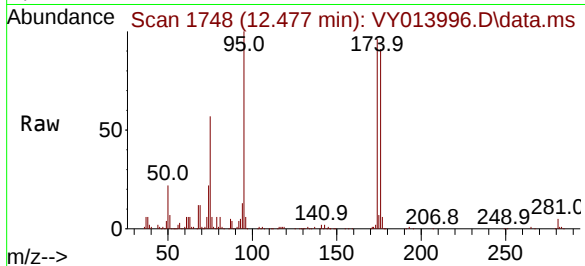




#81
trans-1,4-Dichloro-2-butene
Concen: 74.500 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY013996.D
Acq: 02 Jun 2023 17:41

Instrument :
MSVOA_Y
ClientSampleId :
SB29

Tgt Ion: 75 Resp: 46176
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.1 37.4 56.0#



#95
Naphthalene
Concen: 3.939 ug/l
RT: 15.220 min Scan# 2198
Delta R.T. -0.013 min
Lab File: VY013996.D
Acq: 02 Jun 2023 17:41

Tgt Ion: 128 Resp: 287
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

