

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122922\
 Data File : VY012028.D
 Acq On : 29 Dec 2022 15:15
 Operator : KP/MD
 Sample : N6228-04
 Misc : 4.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Dec 30 03:59:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

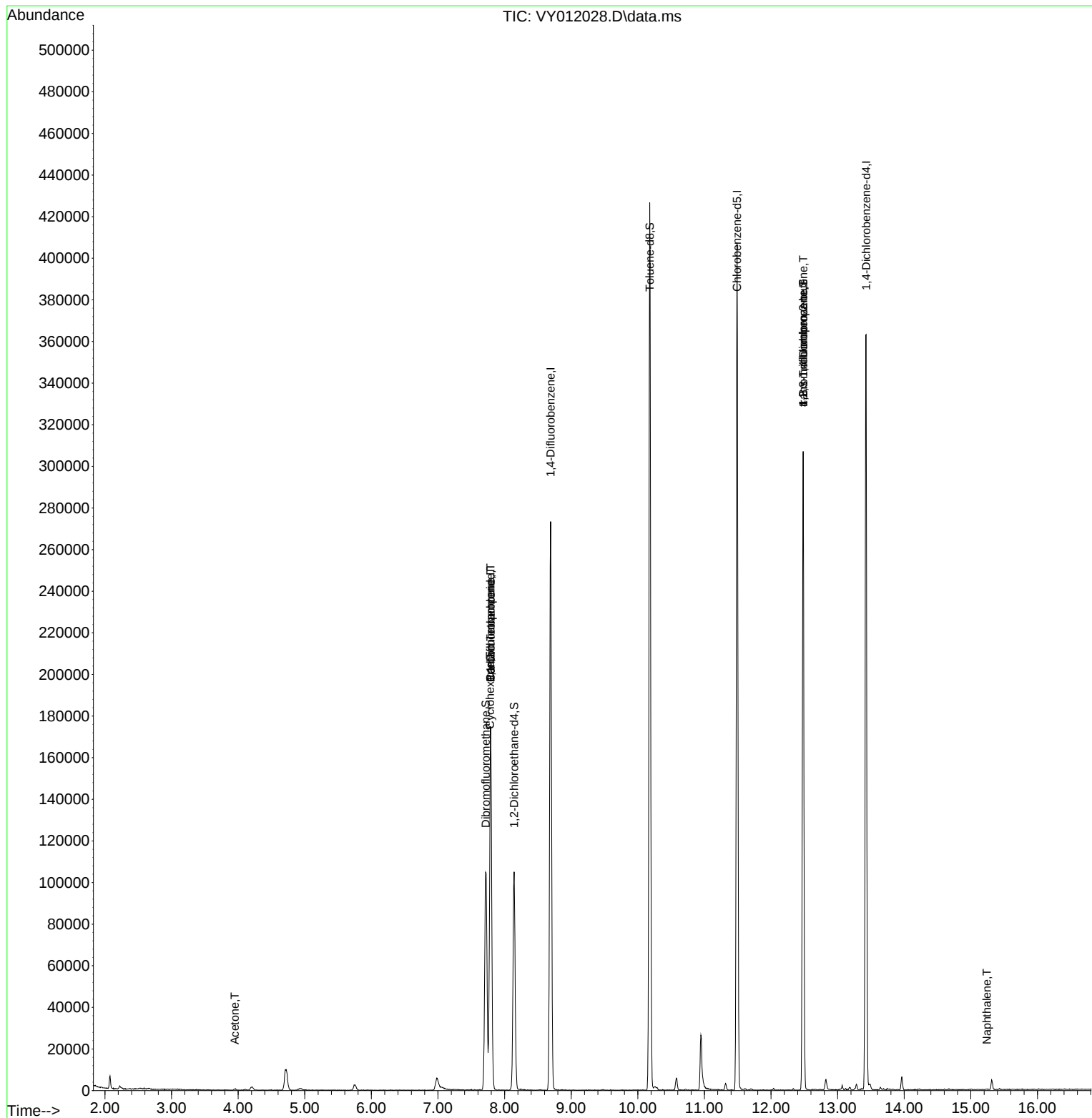
Internal Standards						
1) Pentafluorobenzene	7.789	168	135119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	238249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	226979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	84709	62.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.460%	
35) Dibromofluoromethane	7.716	113	75940	52.945	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.880%	
50) Toluene-d8	10.179	98	286128	49.168	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.340%	
62) 4-Bromofluorobenzene	12.483	95	88807	45.375	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	1048	Below Cal	#	74
16) Acetone	3.948	43	976	7.229	ug/l #	81
20) Methylene Chloride	4.710	84	8330	Below Cal		95
31) Cyclohexane	7.783	56	2558	1.116	ug/l #	18
36) 1,1-Dichloropropene	7.789	75	9304	4.044	ug/l #	51
38) Carbon Tetrachloride	7.789	117	13417	5.049	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	47319	38.678	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47319	105.919	ug/l #	13
95) Naphthalene	15.239	128	481	2.904	ug/l #	69

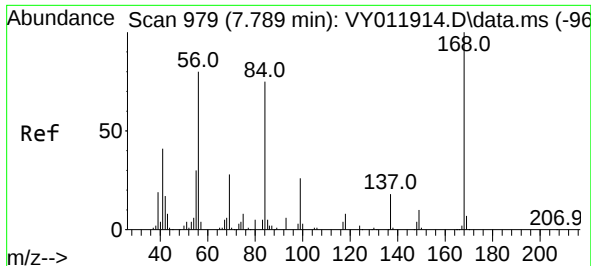
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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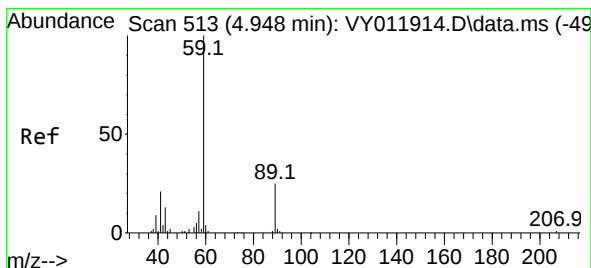
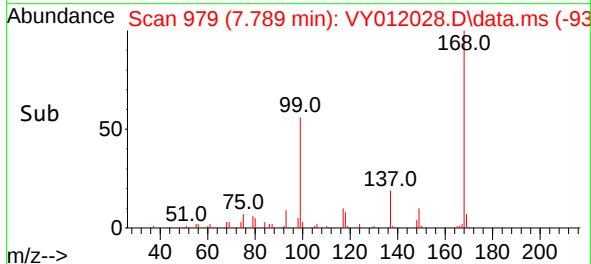
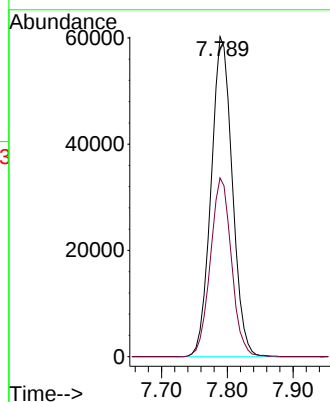
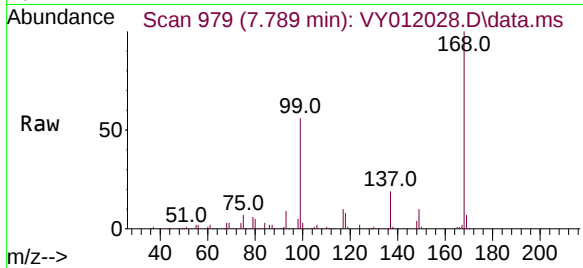




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012028.D
Acq: 29 Dec 2022 15:15

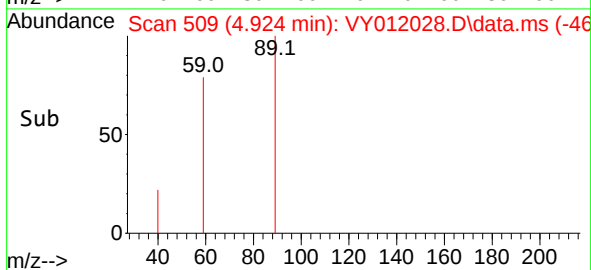
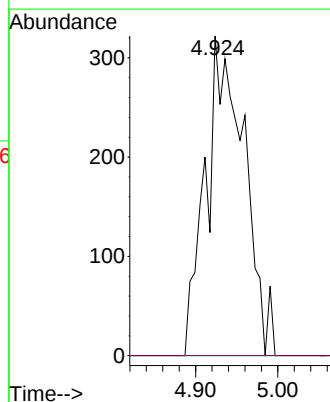
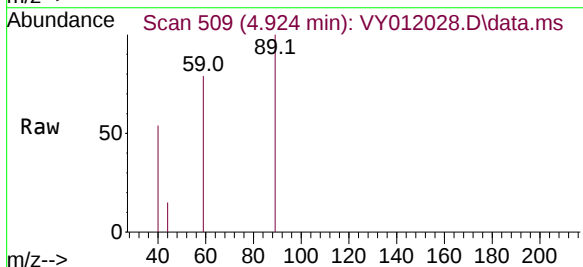
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

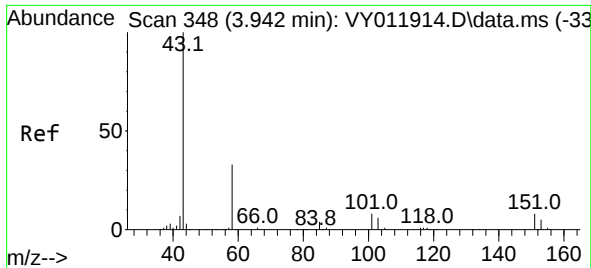
Tgt Ion:168 Resp: 135119
Ion Ratio Lower Upper
168 100
99 55.8 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY012028.D
Acq: 29 Dec 2022 15:15

Tgt Ion: 59 Resp: 1048
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

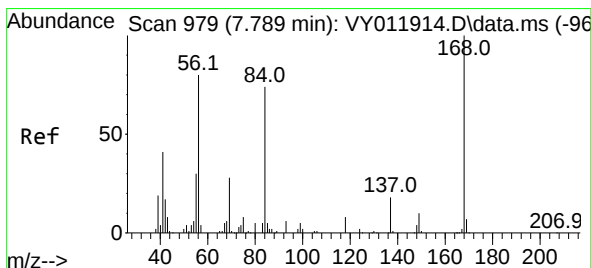
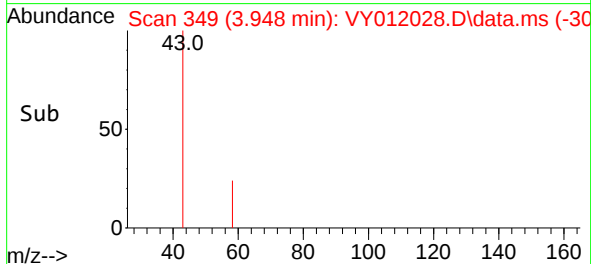
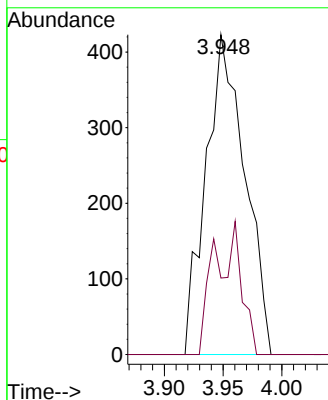
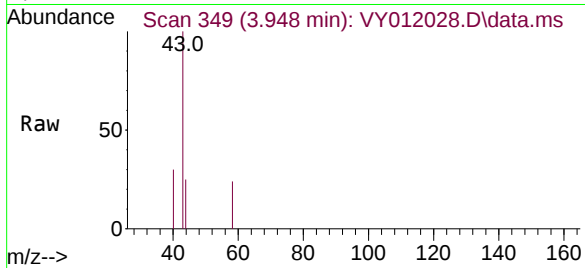




#16
Acetone
Concen: 7.229 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012028.D
Acq: 29 Dec 2022 15:15

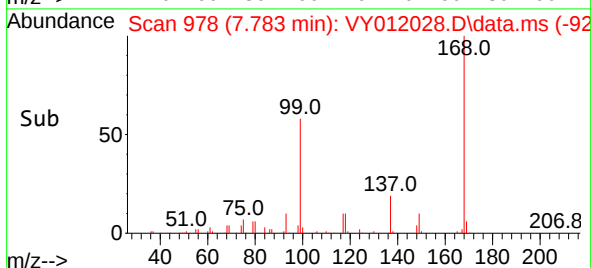
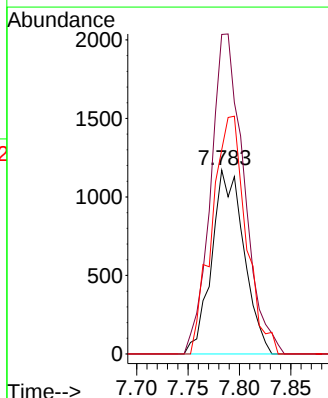
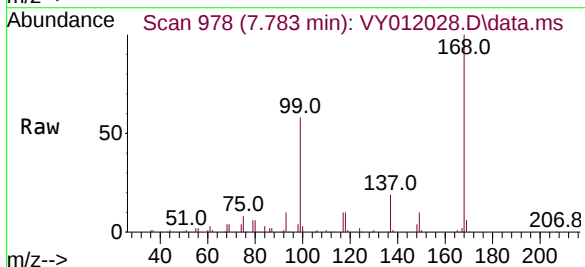
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

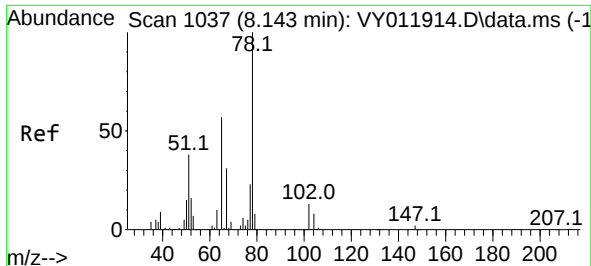
Tgt Ion: 43 Resp: 976
Ion Ratio Lower Upper
43 100
58 23.9 27.9 41.9#



#31
Cyclohexane
Concen: 1.116 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY012028.D
Acq: 29 Dec 2022 15:15

Tgt Ion: 56 Resp: 2558
Ion Ratio Lower Upper
56 100
69 173.8 29.2 43.8#
84 111.0 72.6 108.8#





#33

1,2-Dichloroethane-d4

Concen: 62.227 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY012028.D

Acq: 29 Dec 2022 15:15

Instrument :

MSVOA_Y

ClientSampleId :

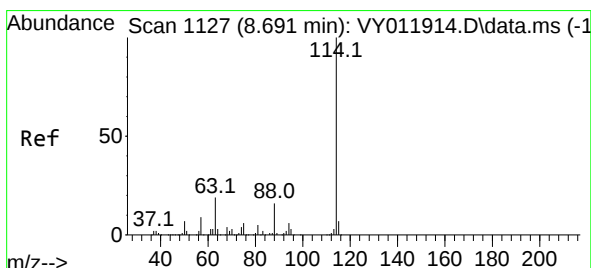
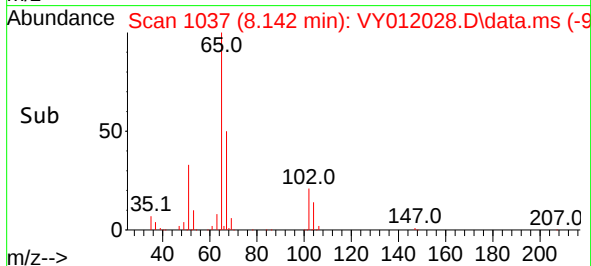
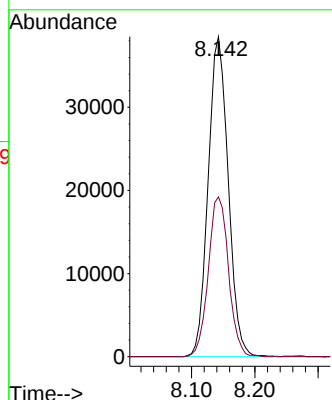
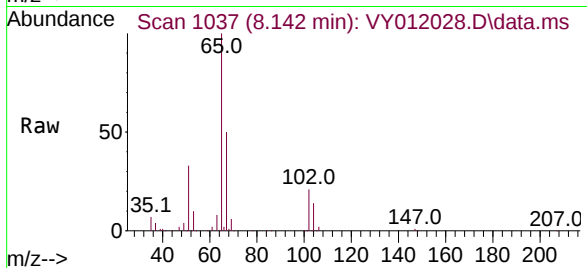
TP-2

Tgt Ion: 65 Resp: 84709

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012028.D

Acq: 29 Dec 2022 15:15

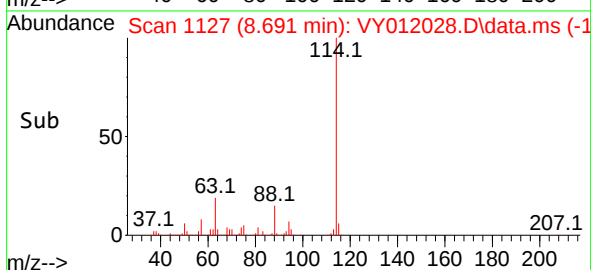
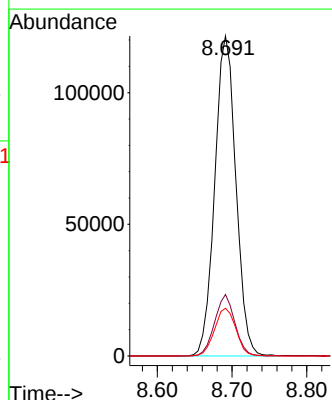
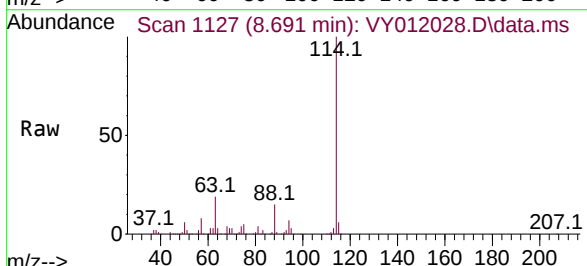
Tgt Ion: 114 Resp: 238249

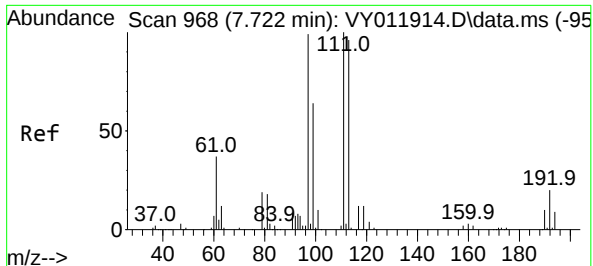
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 14.9 0.0 32.2

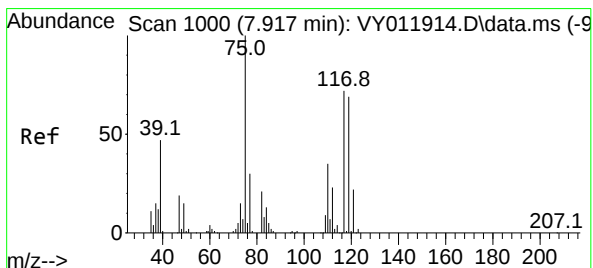
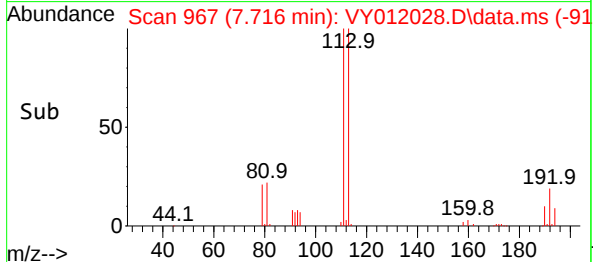
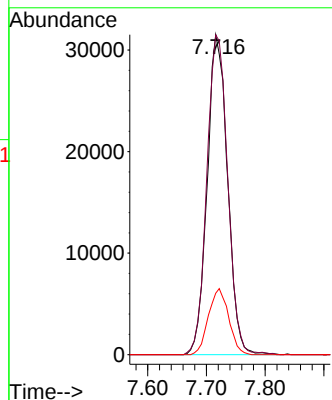
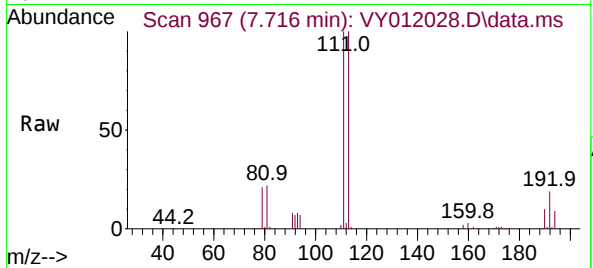




#35
Dibromofluoromethane
Concen: 52.945 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012028.D
Acq: 29 Dec 2022 15:15

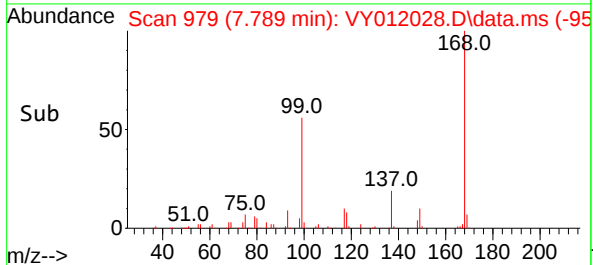
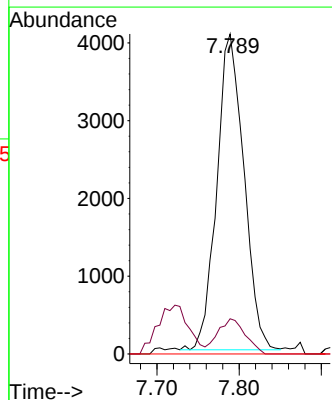
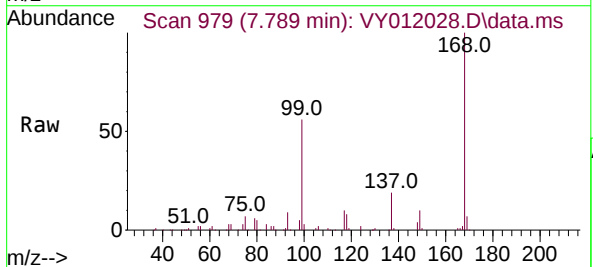
Instrument :
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ClientSampleId :
TP-2

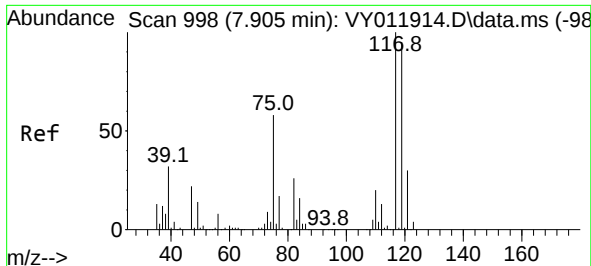
Tgt Ion:113 Resp: 75940
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.4
192 20.5 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.044 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012028.D
Acq: 29 Dec 2022 15:15

Tgt Ion: 75 Resp: 9304
Ion Ratio Lower Upper
75 100
110 11.3 18.1 54.1#
77 0.0 25.1 37.7#

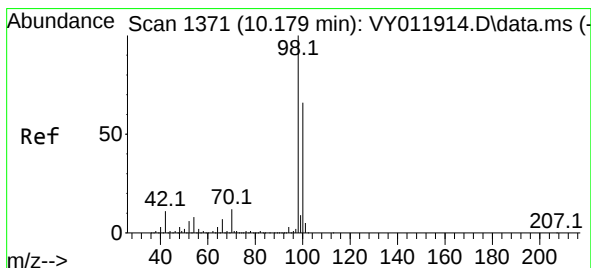
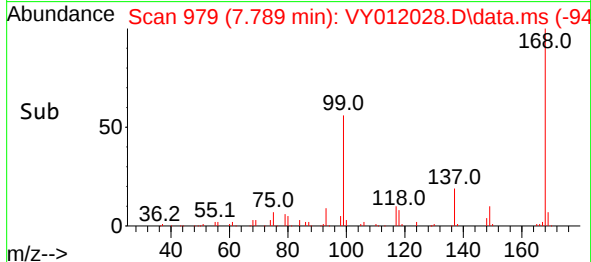
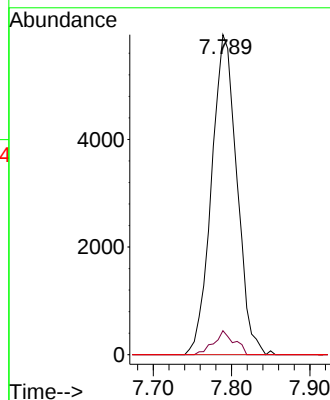
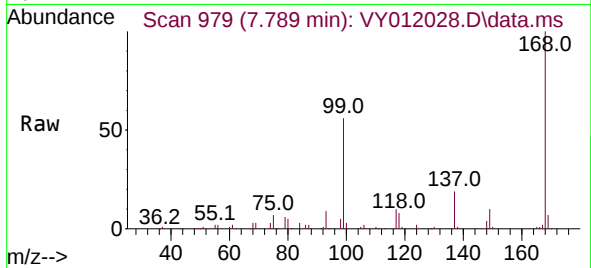




#38
Carbon Tetrachloride
Concen: 5.049 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012028.D
Acq: 29 Dec 2022 15:15

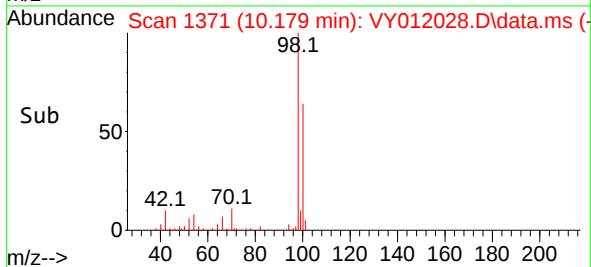
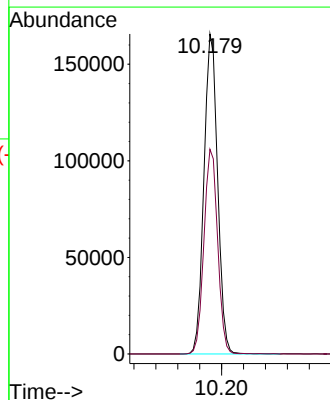
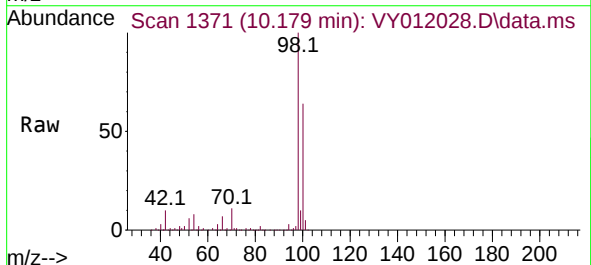
Instrument :
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ClientSampleId :
TP-2

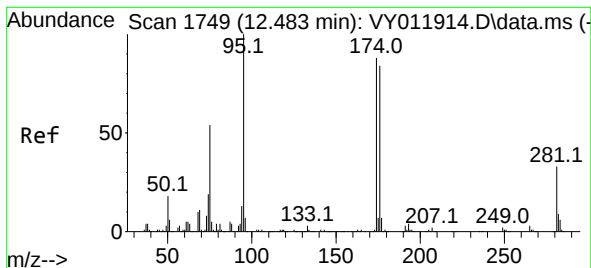
Tgt Ion:117 Resp: 13417
Ion Ratio Lower Upper
117 100
119 7.5 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 49.168 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012028.D
Acq: 29 Dec 2022 15:15

Tgt Ion: 98 Resp: 286128
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

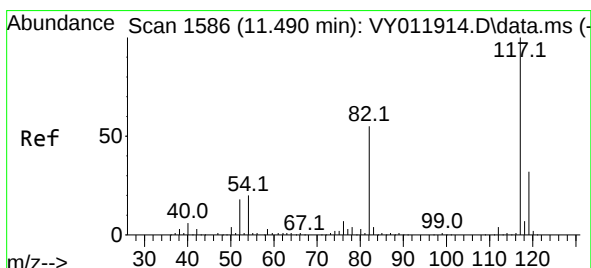
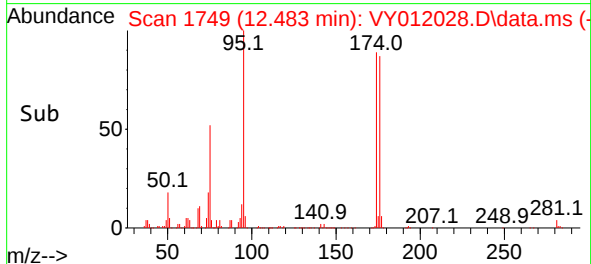
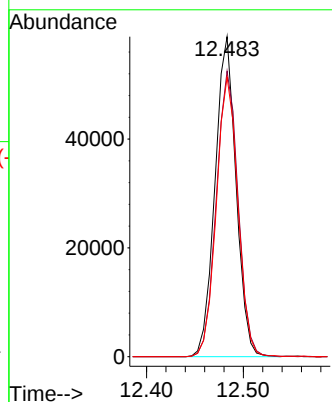
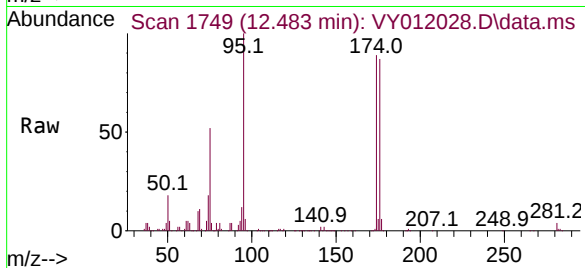




#62
4-Bromofluorobenzene
Concen: 45.375 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012028.D
Acq: 29 Dec 2022 15:15

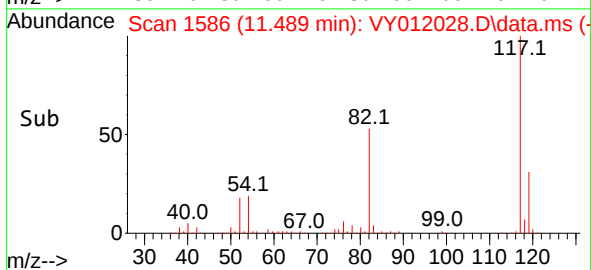
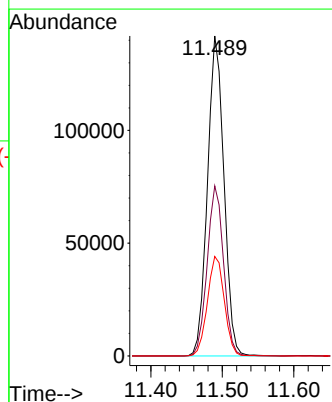
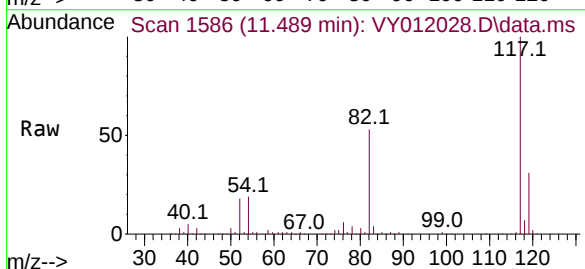
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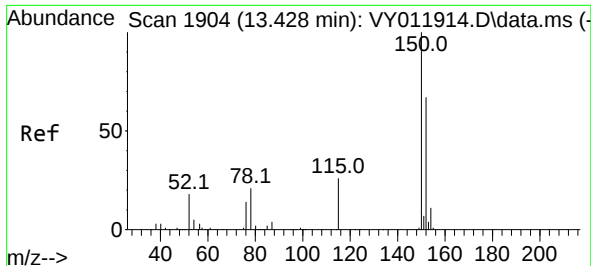
Tgt Ion: 95 Resp: 88807
Ion Ratio Lower Upper
95 100
174 92.2 0.0 172.0
176 89.3 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012028.D
Acq: 29 Dec 2022 15:15

Tgt Ion: 117 Resp: 226979
Ion Ratio Lower Upper
117 100
82 53.2 44.8 67.2
119 31.1 25.4 38.2

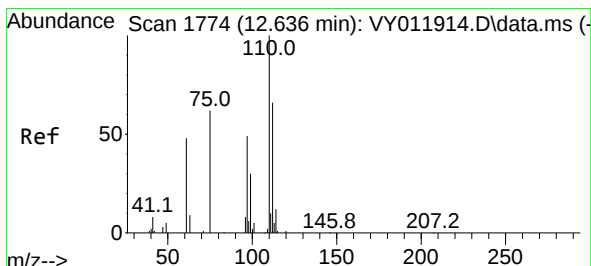
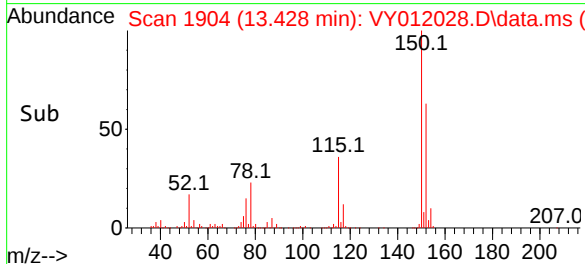
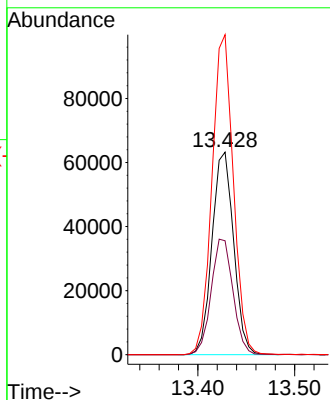
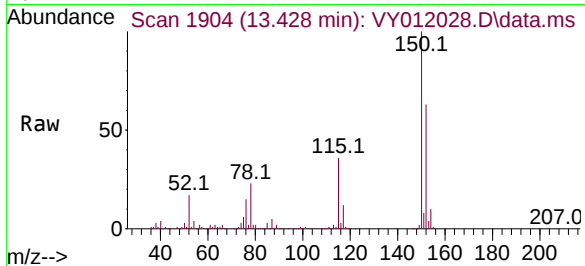




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012028.D
 Acq: 29 Dec 2022 15:15

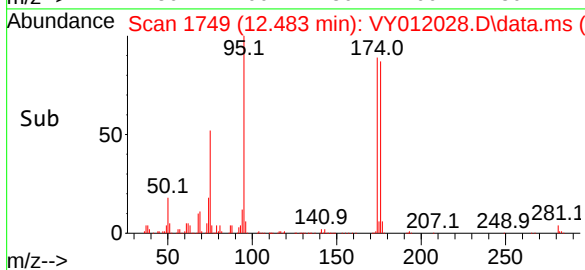
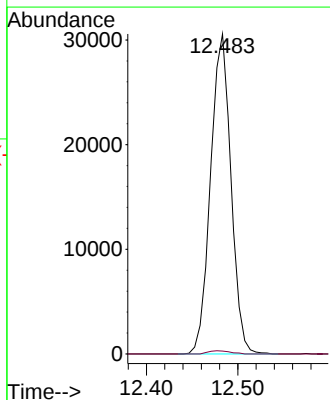
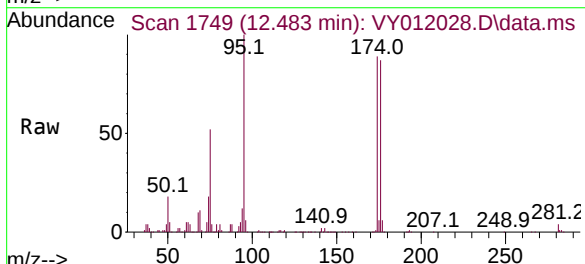
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

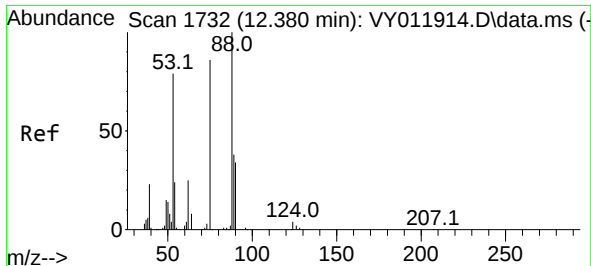
Tgt Ion:152 Resp: 98319
 Ion Ratio Lower Upper
 152 100
 115 57.6 29.1 87.3
 150 155.9 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 38.678 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY012028.D
 Acq: 29 Dec 2022 15:15

Tgt Ion: 75 Resp: 47319
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

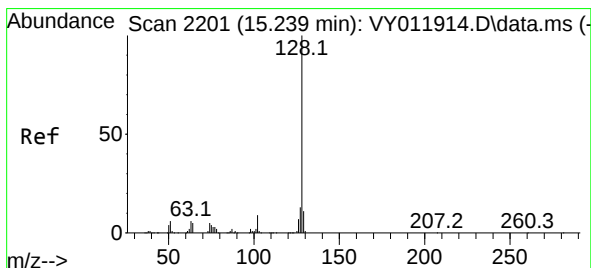
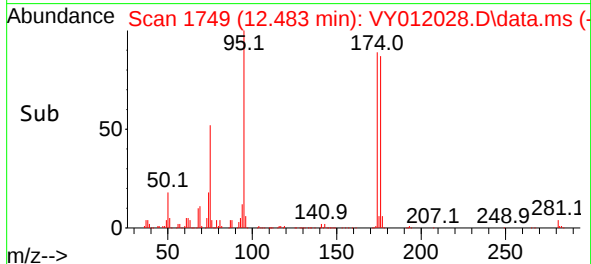
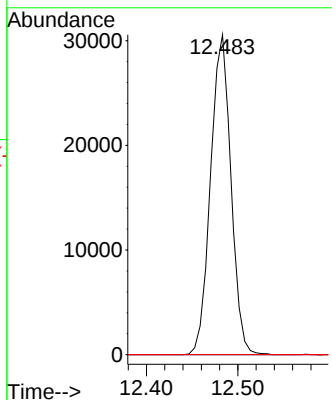
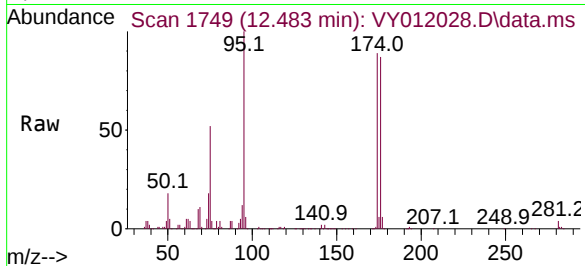




#81
trans-1,4-Dichloro-2-butene
Concen: 105.919 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY012028.D
Acq: 29 Dec 2022 15:15

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion: 75 Resp: 47319
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 2.904 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY012028.D
Acq: 29 Dec 2022 15:15

Tgt Ion:128 Resp: 481
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.8 13.2#

