

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009671.D
 Acq On : 22 Jul 2022 19:44
 Operator : KP/MD
 Sample : N3839-02
 Misc : 5.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ENV-DE-1-(10-15)

Quant Time: Jul 23 00:56:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

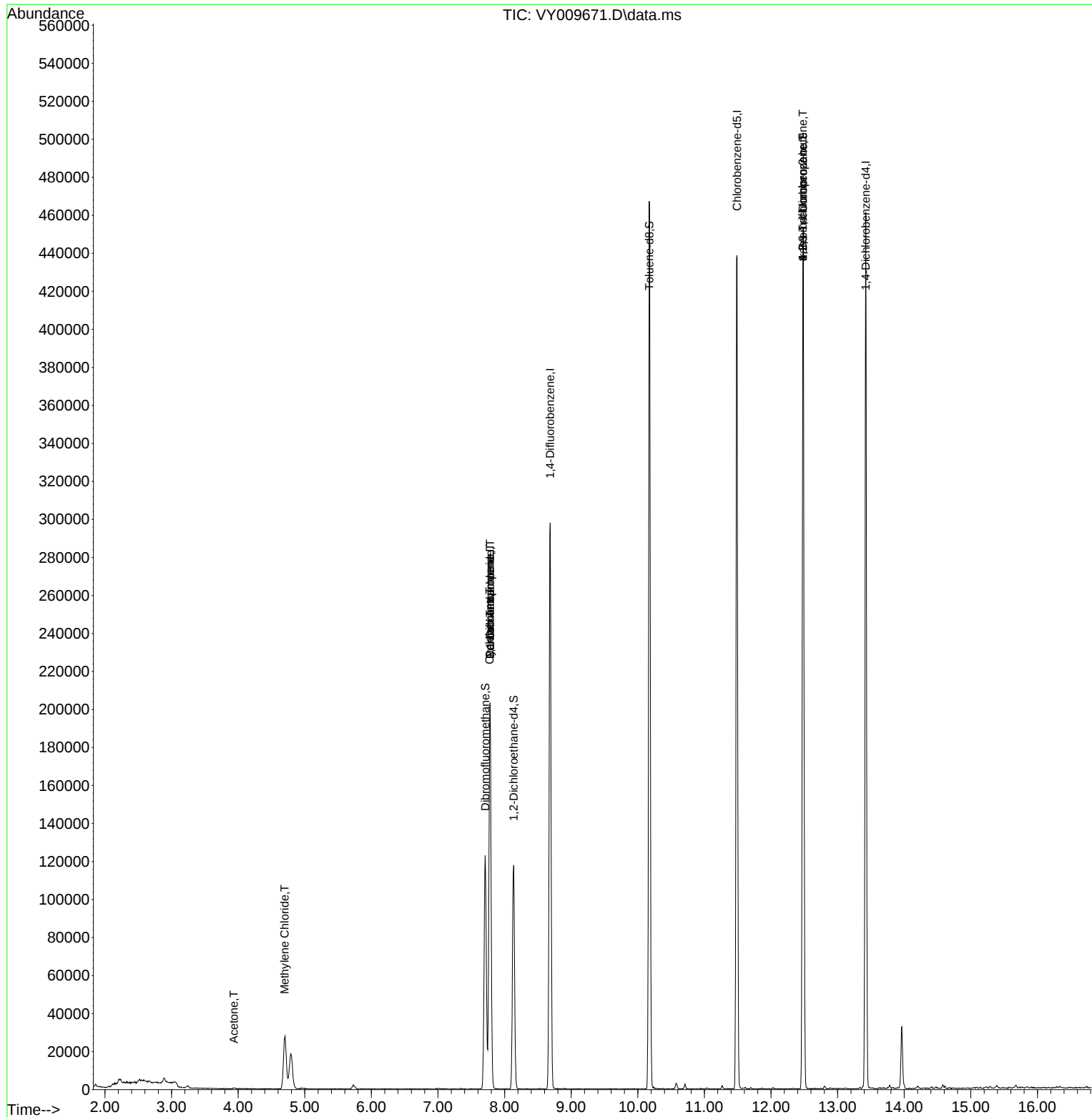
Internal Standards						
1) Pentafluorobenzene	7.782	168	169837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	271252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	254686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92868	57.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.640%	
35) Dibromofluoromethane	7.709	113	86123	50.397	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.800%	
50) Toluene-d8	10.172	98	307760	46.847	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 93.700%	
62) 4-Bromofluorobenzene	12.477	95	102063	47.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 95.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	838	Below Cal	#	77
16) Acetone	3.936	43	664	1.634	ug/l #	64
20) Methylene Chloride	4.698	84	21957	1.070	ug/l #	79
31) Cyclohexane	7.776	56	2943	1.039	ug/l #	5
36) 1,1-Dichloropropene	7.782	75	11307	4.478	ug/l #	51
38) Carbon Tetrachloride	7.782	117	15427	5.836	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	53430	45.992	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	53430	90.686	ug/l #	8

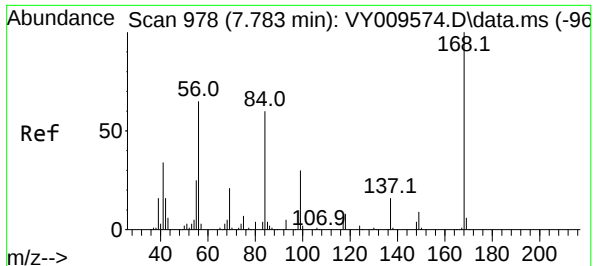
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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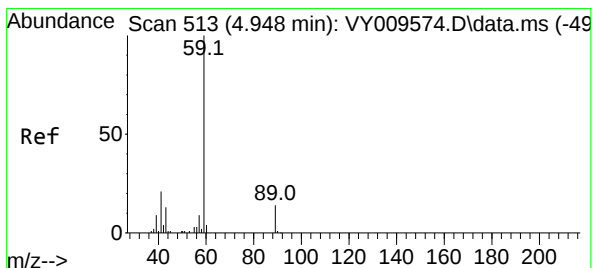
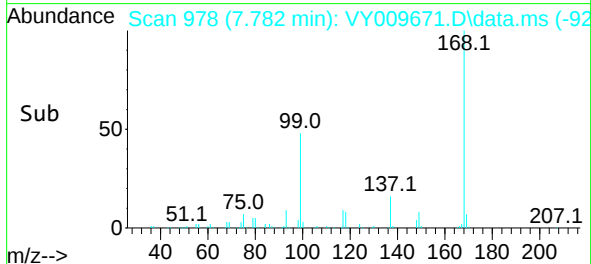
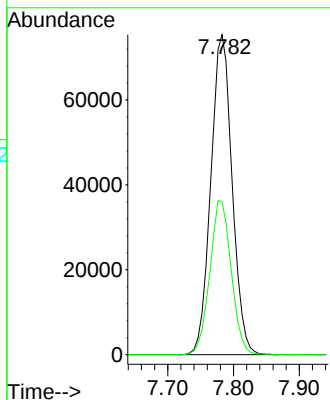
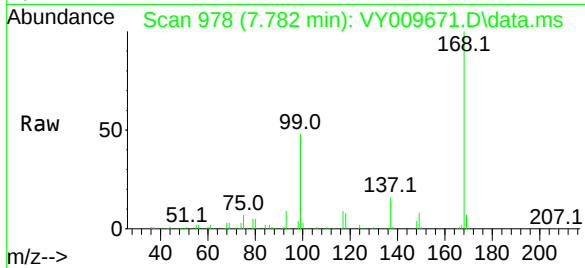




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009671.D
Acq: 22 Jul 2022 19:44

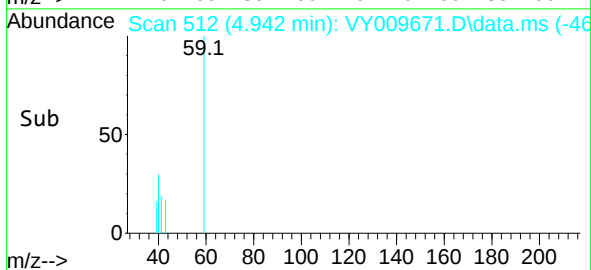
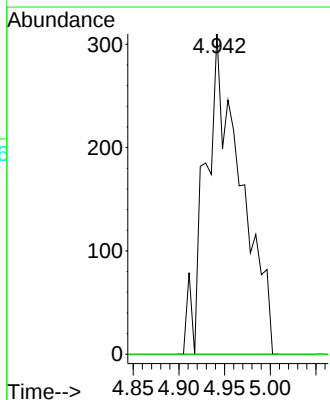
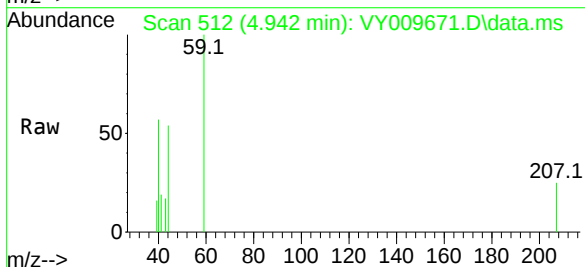
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-1-(10-15)

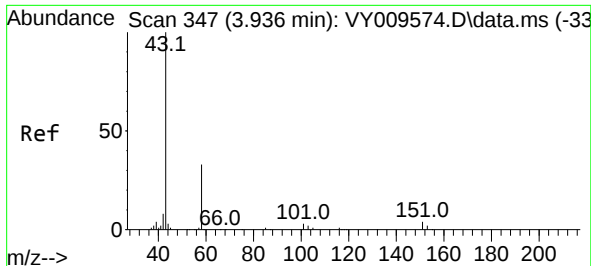
Tgt Ion:168 Resp: 169837
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009671.D
Acq: 22 Jul 2022 19:44

Tgt Ion: 59 Resp: 838
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 1.634 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY009671.D

Acq: 22 Jul 2022 19:44

Instrument :

MSVOA_Y

ClientSampleId :

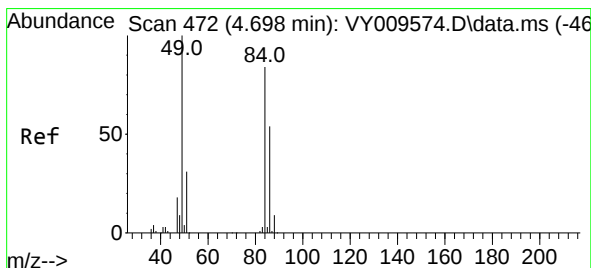
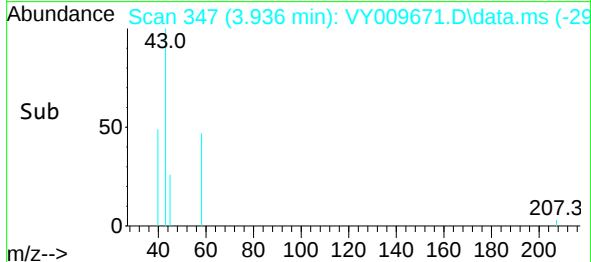
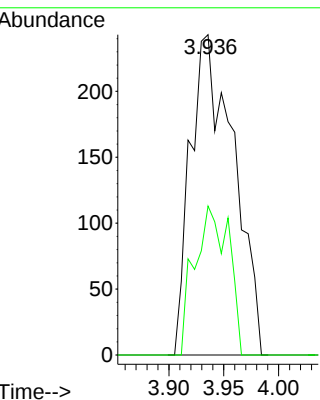
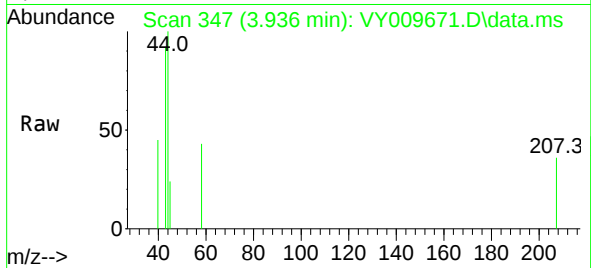
ENV-DE-1-(10-15)

Tgt Ion: 43 Resp: 664

Ion Ratio Lower Upper

43 100

58 46.5 22.0 33.0#



#20

Methylene Chloride

Concen: 1.070 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.000 min

Lab File: VY009671.D

Acq: 22 Jul 2022 19:44

Tgt Ion: 84 Resp: 21957

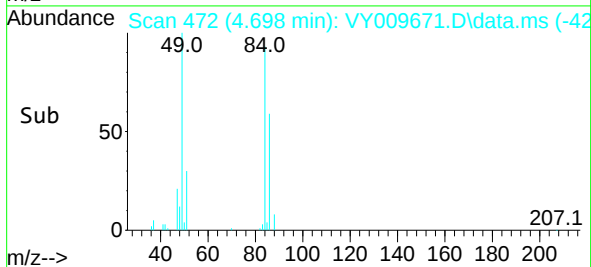
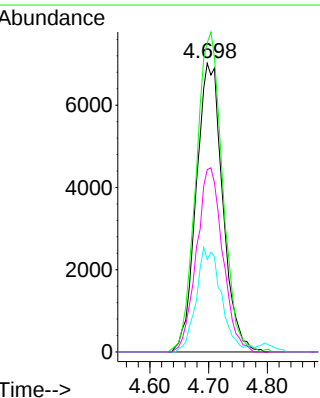
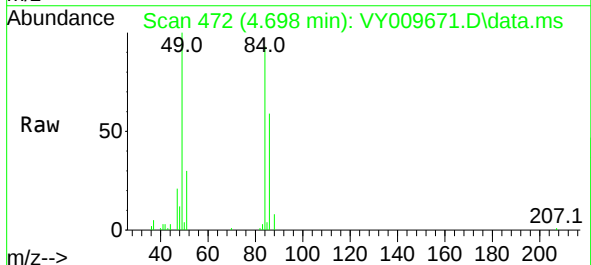
Ion Ratio Lower Upper

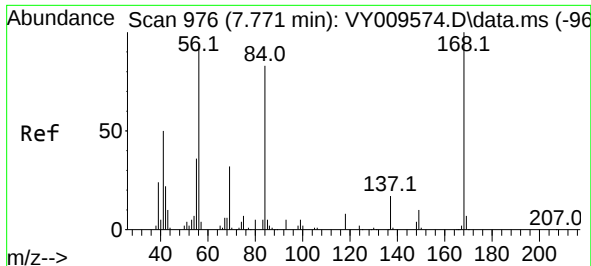
84 100

49 107.1 114.4 171.6#

51 32.1 35.3 52.9#

86 63.2 53.7 80.5

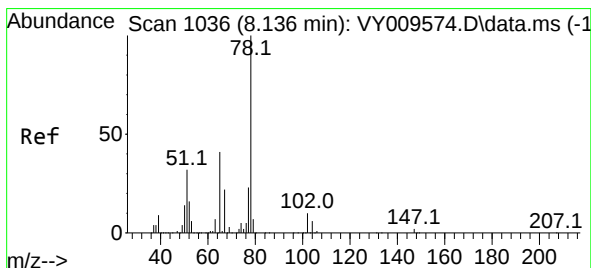
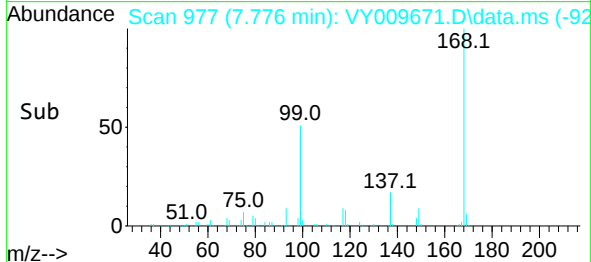
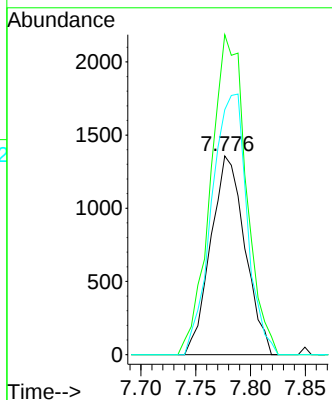
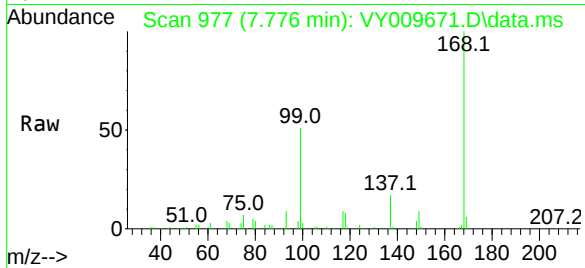




#31
Cyclohexane
Concen: 1.039 ug/l
RT: 7.776 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009671.D
Acq: 22 Jul 2022 19:44

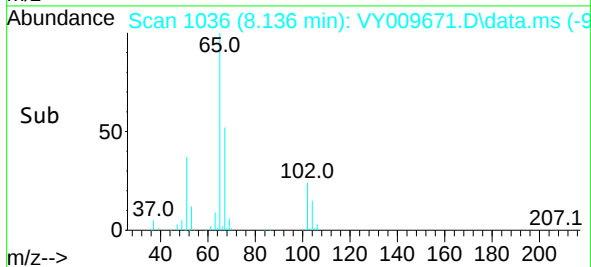
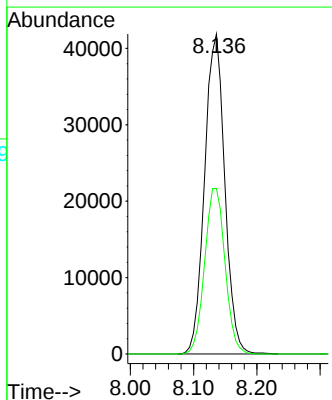
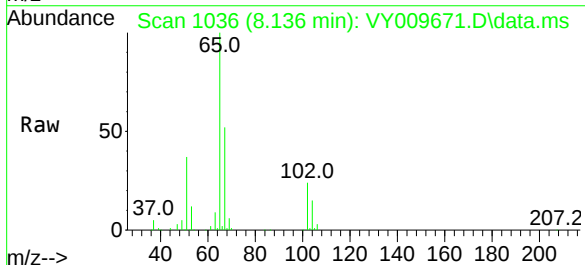
Instrument :
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ClientSampleId :
ENV-DE-1-(10-15)

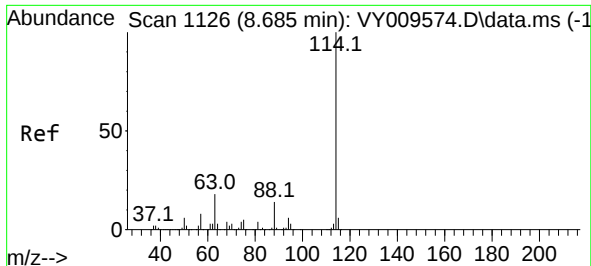
Tgt Ion: 56 Resp: 2943
Ion Ratio Lower Upper
56 100
69 161.1 26.7 40.1#
84 123.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.817 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009671.D
Acq: 22 Jul 2022 19:44

Tgt Ion: 65 Resp: 92868
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009671.D

Acq: 22 Jul 2022 19:44

Instrument :

MSVOA_Y

ClientSampleId :

ENV-DE-1-(10-15)

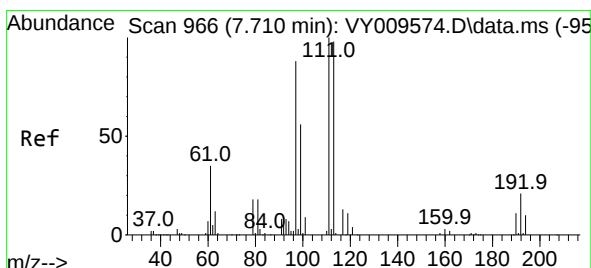
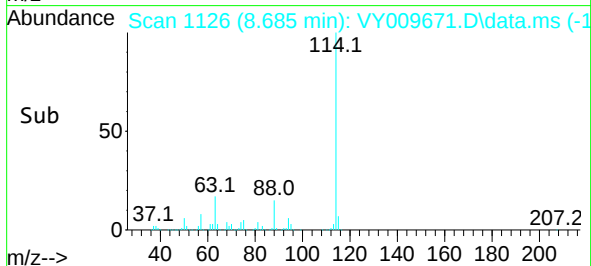
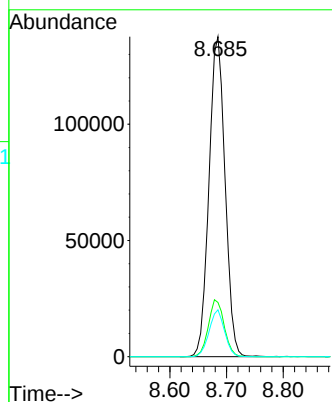
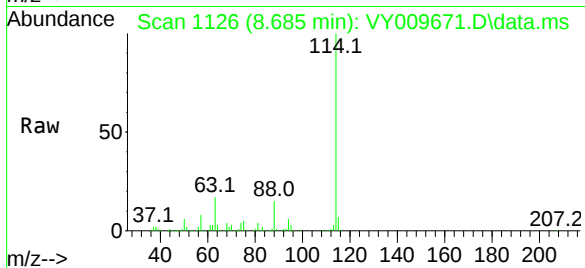
Tgt Ion:114 Resp: 271252

Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.397 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009671.D

Acq: 22 Jul 2022 19:44

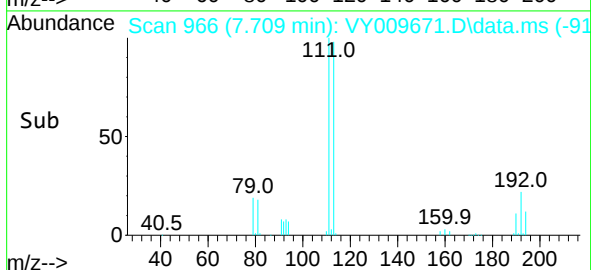
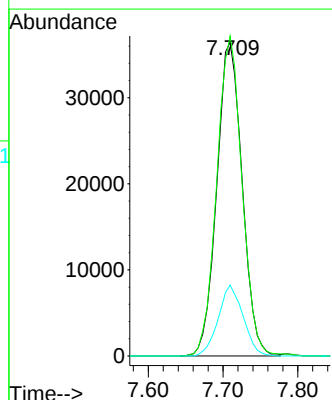
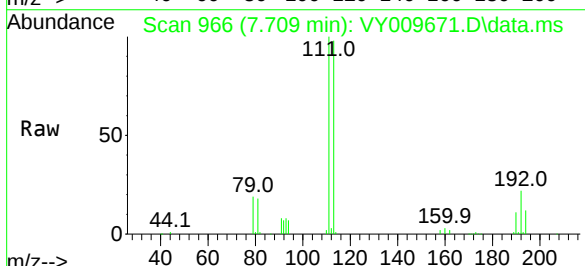
Tgt Ion:113 Resp: 86123

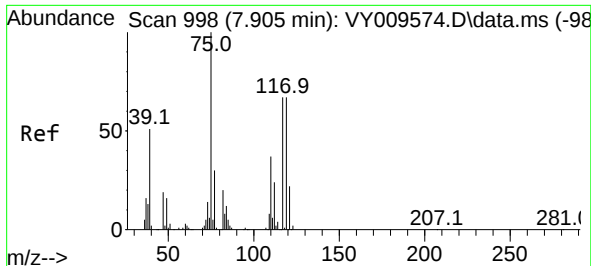
Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

192 22.1 17.6 26.4

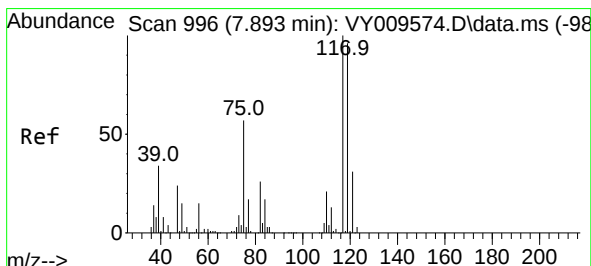
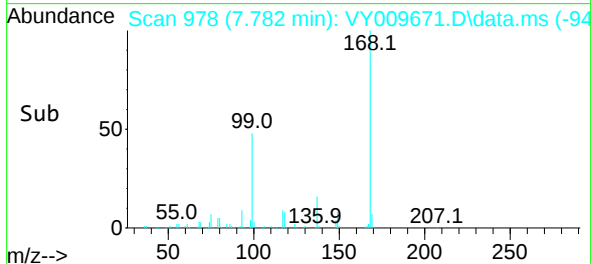
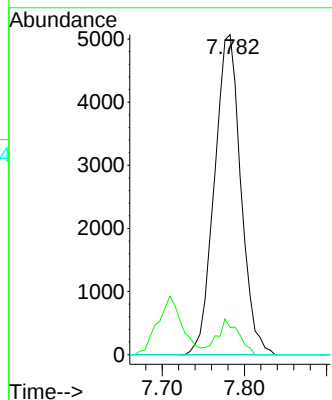
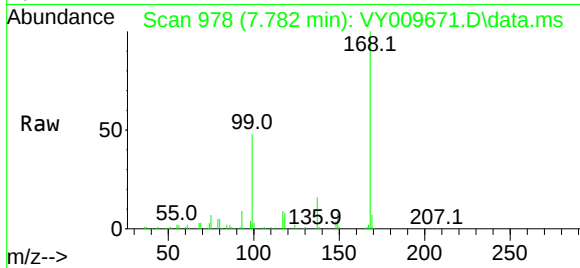




#36
1,1-Dichloropropene
Concen: 4.478 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY009671.D
Acq: 22 Jul 2022 19:44

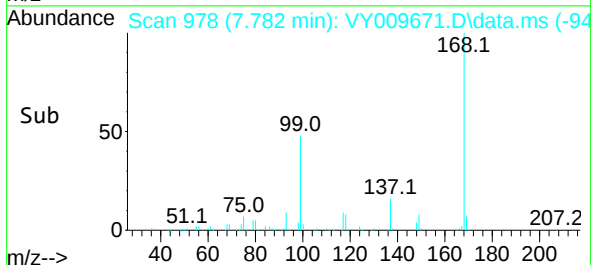
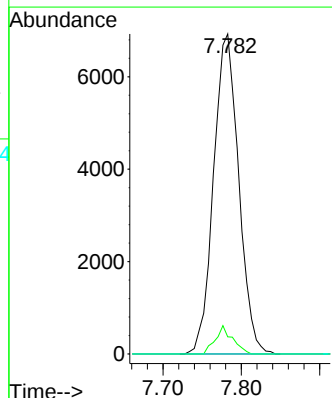
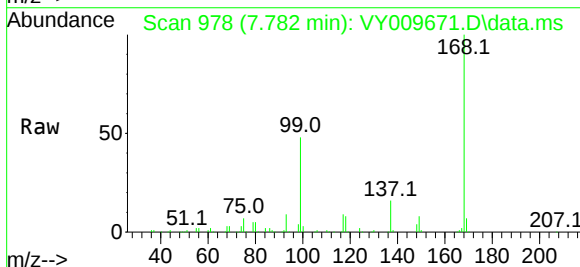
Instrument :
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ENV-DE-1-(10-15)

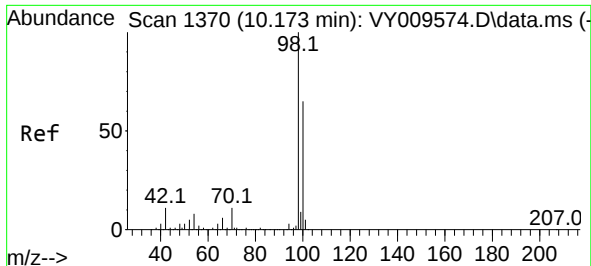
Tgt Ion: 75 Resp: 11307
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.836 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009671.D
Acq: 22 Jul 2022 19:44

Tgt Ion: 117 Resp: 15427
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#

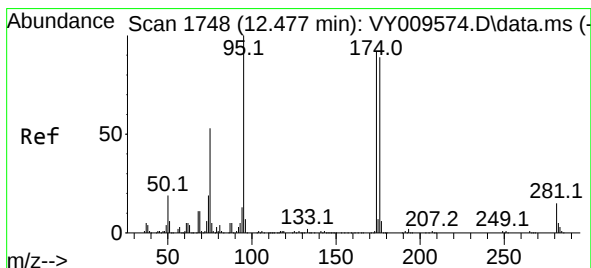
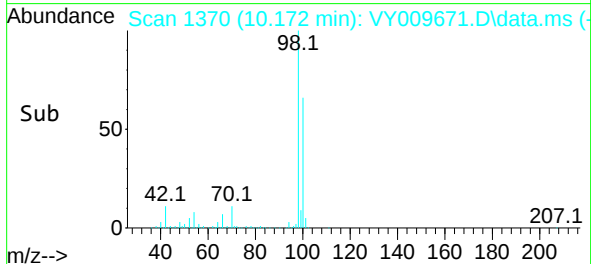
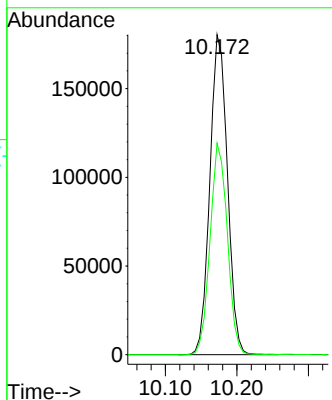
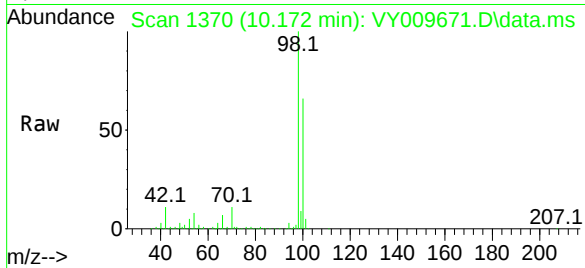




#50
Toluene-d8
Concen: 46.847 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009671.D
Acq: 22 Jul 2022 19:44

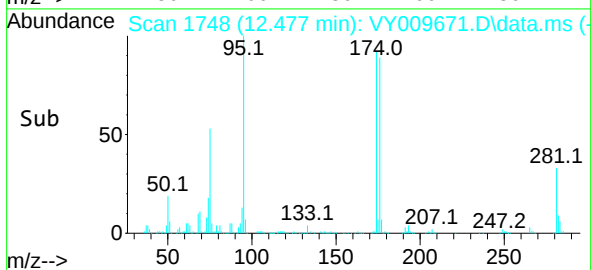
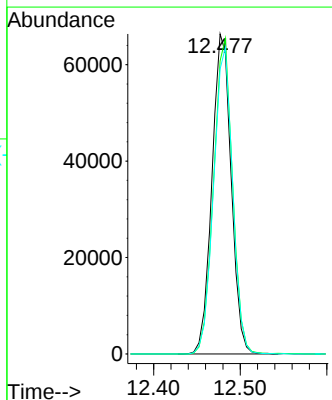
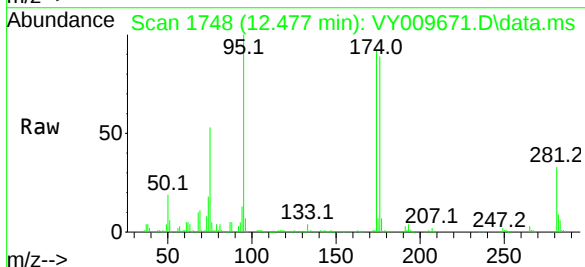
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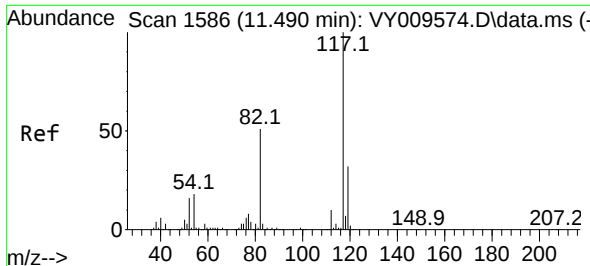
Tgt Ion: 98 Resp: 307760
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.946 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009671.D
Acq: 22 Jul 2022 19:44

Tgt Ion: 95 Resp: 102063
Ion Ratio Lower Upper
95 100
174 97.1 0.0 177.0
176 94.9 0.0 175.8

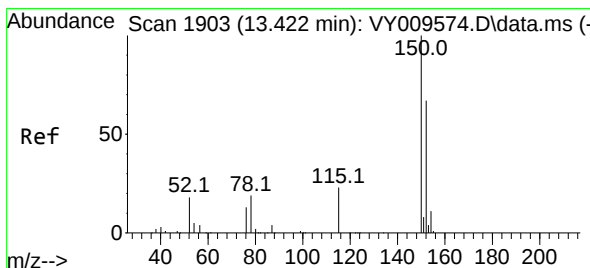
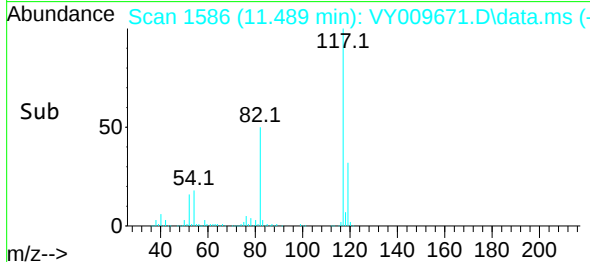
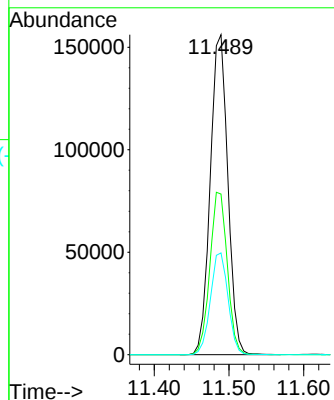
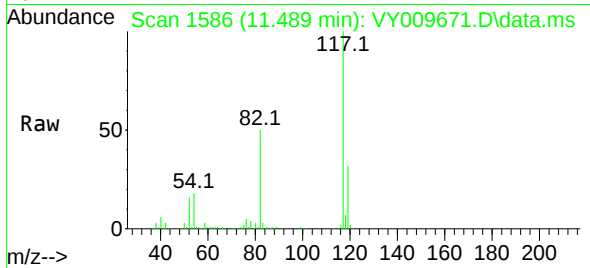




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009671.D
Acq: 22 Jul 2022 19:44

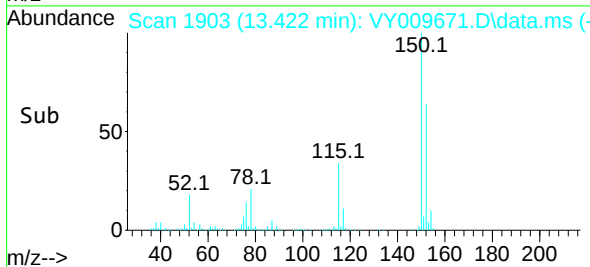
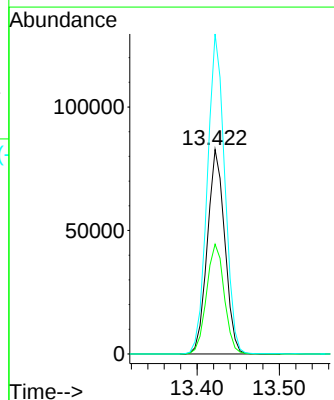
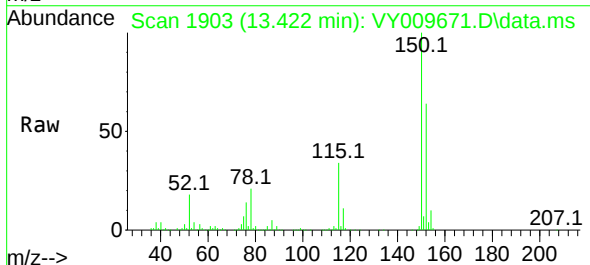
Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-1-(10-15)

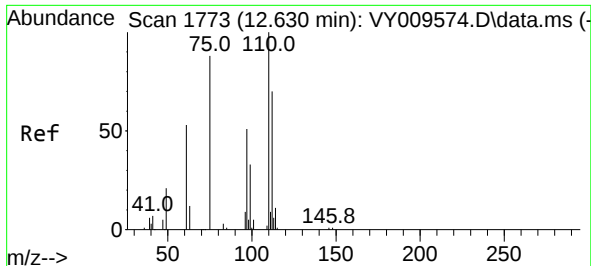
Tgt Ion:117 Resp: 254686
Ion Ratio Lower Upper
117 100
82 50.2 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009671.D
Acq: 22 Jul 2022 19:44

Tgt Ion:152 Resp: 121953
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 156.6 0.0 347.6

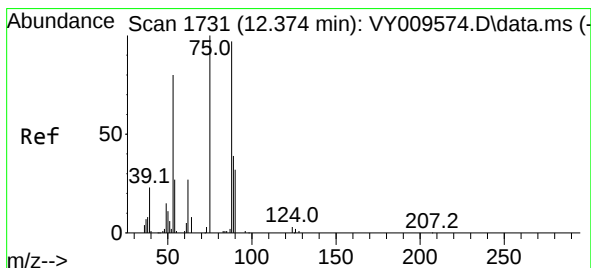
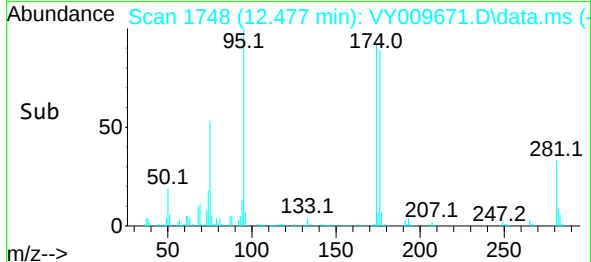
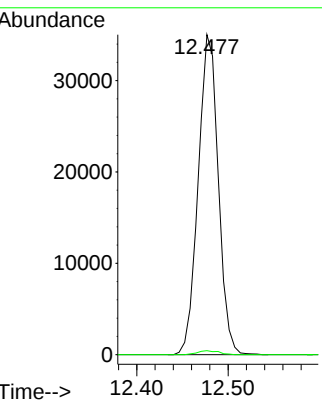
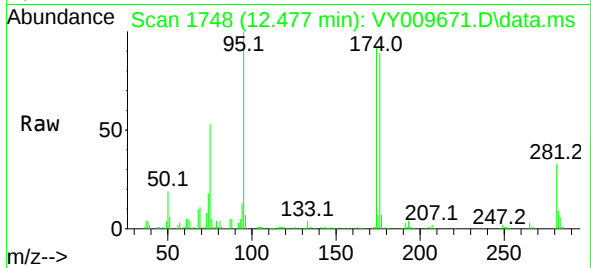




#76
1,2,3-Trichloropropane
Concen: 45.992 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009671.D
Acq: 22 Jul 2022 19:44

Instrument :
MSVOA_Y
ClientSampleId :
ENV-DE-1-(10-15)

Tgt Ion: 75 Resp: 53430
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.686 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009671.D
Acq: 22 Jul 2022 19:44

Tgt Ion: 75 Resp: 53430
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.8 37.0 55.4#

