

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
 Data File : VY009612.D
 Acq On : 20 Jul 2022 15:07
 Operator : KP/MD
 Sample : N3776-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11966

Quant Time: Jul 21 02:14:03 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)

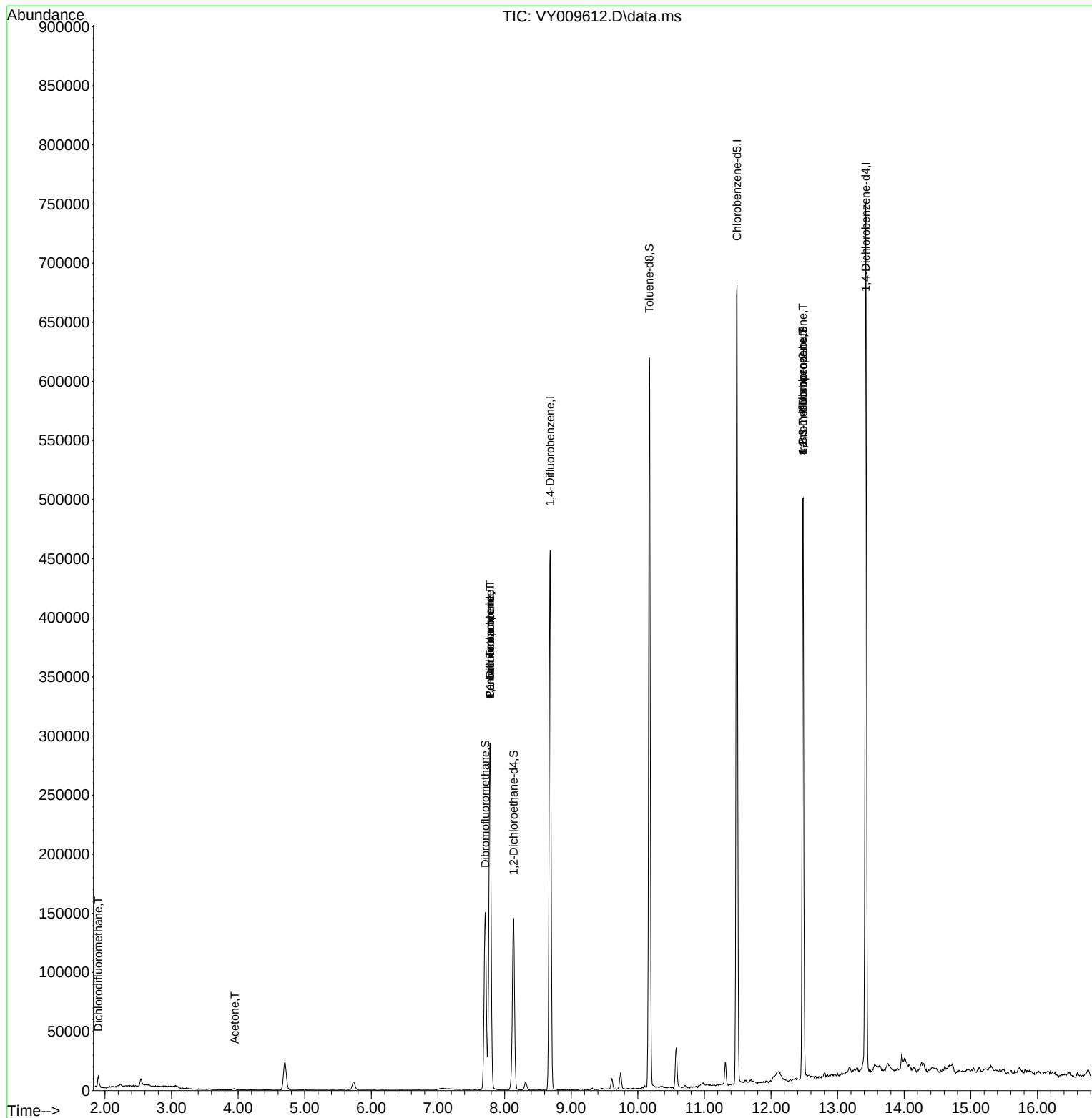
Internal Standards						
1) Pentafluorobenzene	7.783	168	242742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	411190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	394132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	193604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109967	47.900	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.800%
35) Dibromofluoromethane	7.710	113	106850	41.247	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.500%
50) Toluene-d8	10.173	98	409736	41.144	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	82.280%
62) 4-Bromofluorobenzene	12.477	95	144178	44.680	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	89.360%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	7748	3.638	ug/l	97
11) Tert butyl alcohol	4.930	59	408	Below Cal	#	77
16) Acetone	3.948	43	2287	3.938	ug/l	99
20) Methylene Chloride	4.704	84	18430	Below Cal	#	83
36) 1,1-Dichloropropene	7.783	75	16140	4.216	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	21942	5.476	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	70655	38.310	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	70655	75.540	ug/l	# 8

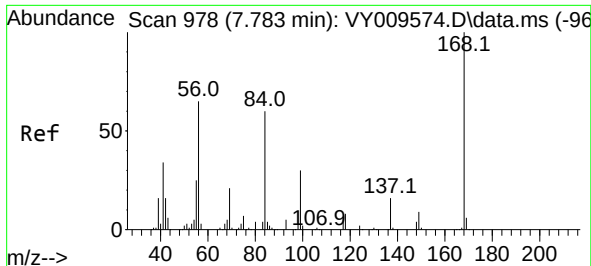
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
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MSVOA_Y
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72-11966

Quant Time: Jul 21 02:14:03 2022
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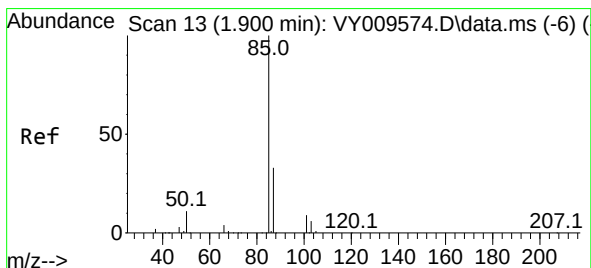
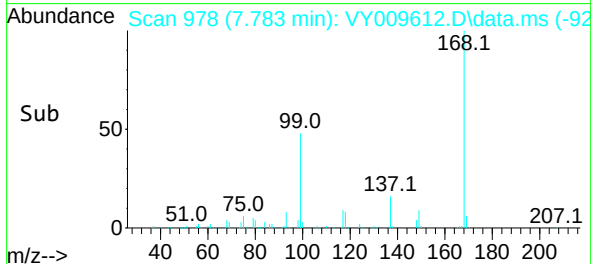
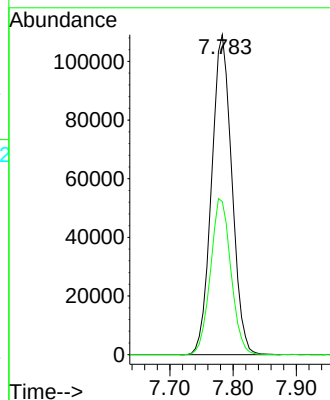
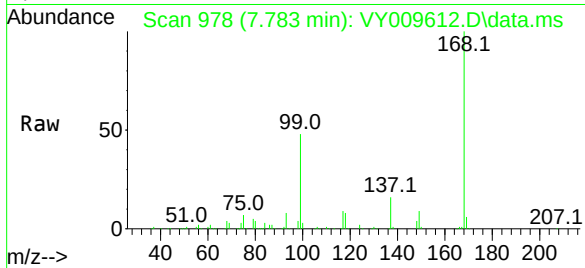




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009612.D
Acq: 20 Jul 2022 15:07

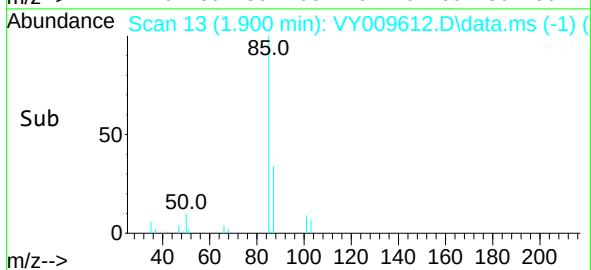
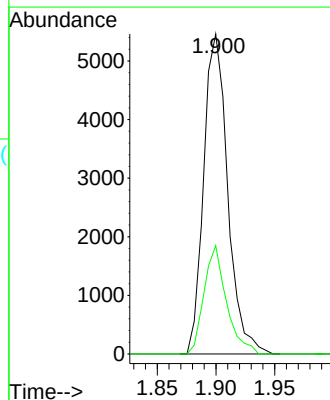
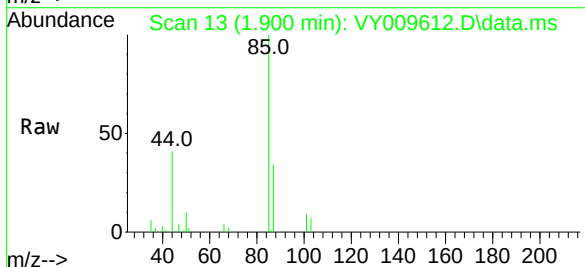
Instrument :
MSVOA_Y
ClientSampleId :
72-11966

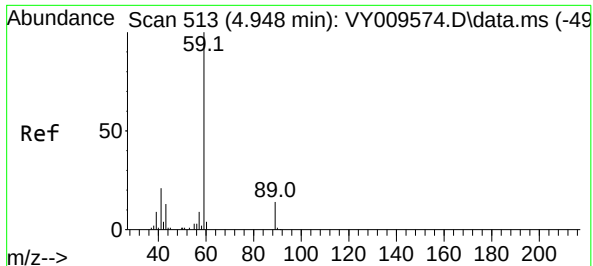
Tgt Ion:168 Resp: 242742
Ion Ratio Lower Upper
168 100
99 47.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 3.638 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009612.D
Acq: 20 Jul 2022 15:07

Tgt Ion: 85 Resp: 7748
Ion Ratio Lower Upper
85 100
87 33.8 16.1 48.2

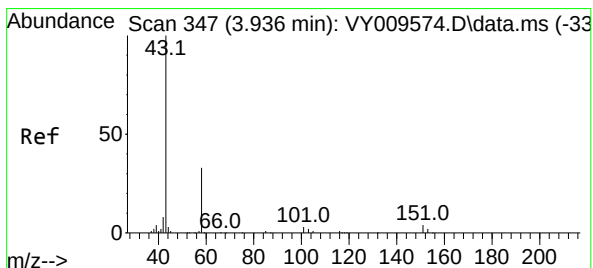
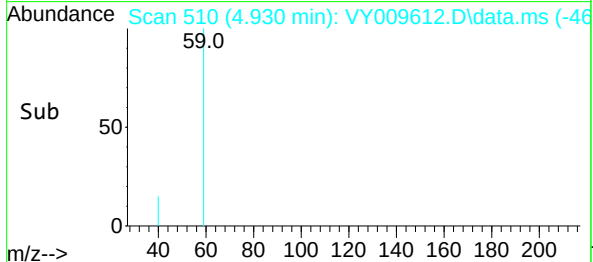
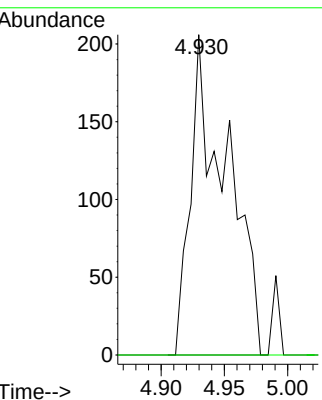
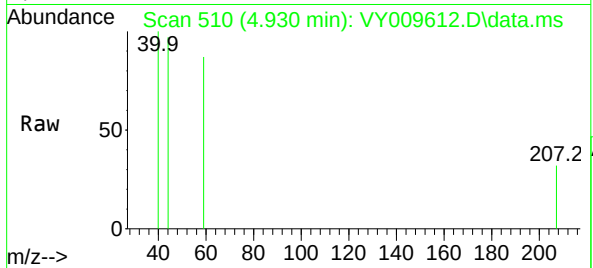




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY009612.D
Acq: 20 Jul 2022 15:07

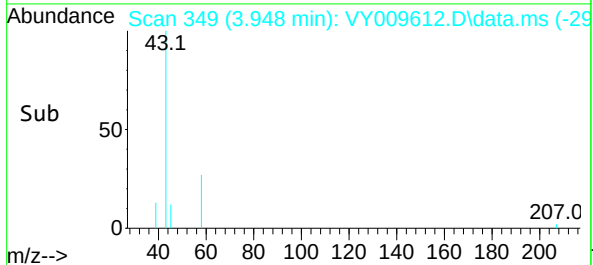
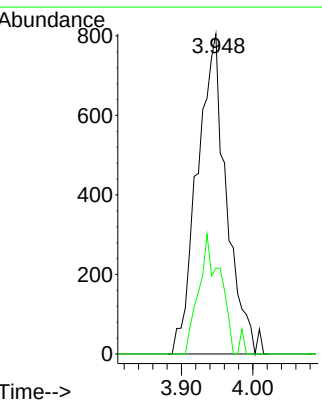
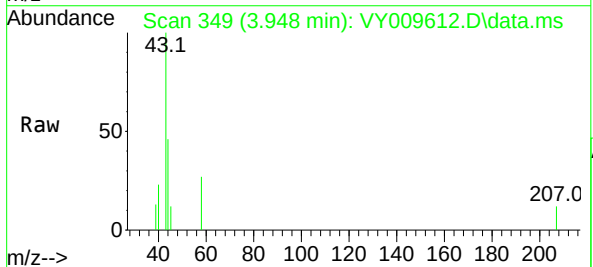
Instrument :
MSVOA_Y
ClientSampleId :
72-11966

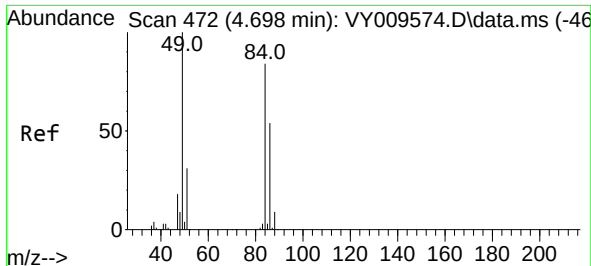
Tgt Ion: 59 Resp: 408
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 3.938 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009612.D
Acq: 20 Jul 2022 15:07

Tgt Ion: 43 Resp: 2287
Ion Ratio Lower Upper
43 100
58 26.8 22.0 33.0

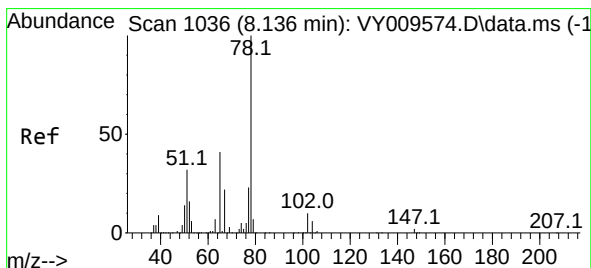
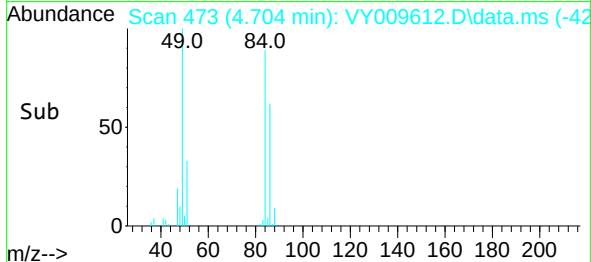
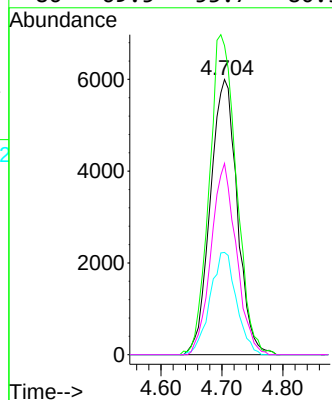
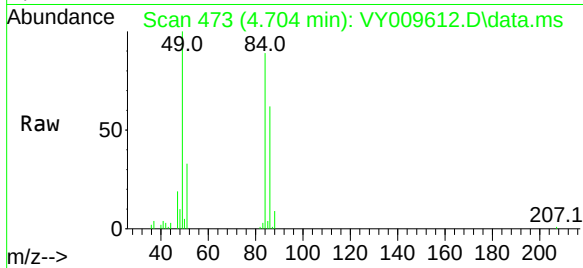




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009612.D
Acq: 20 Jul 2022 15:07

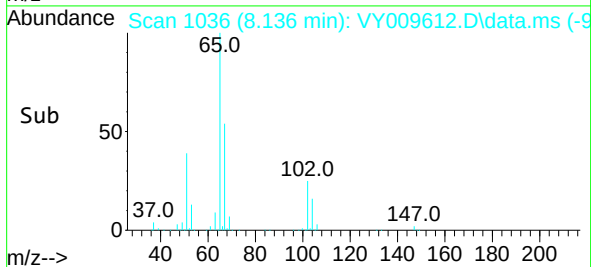
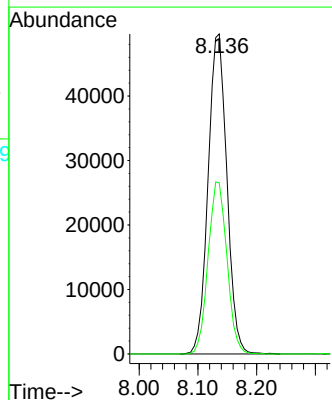
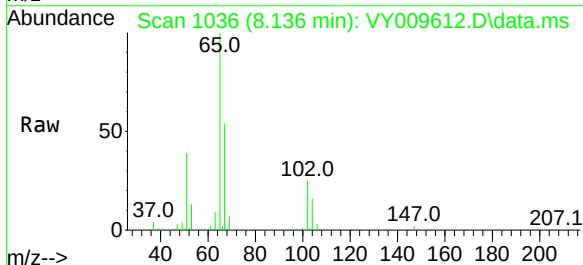
Instrument :
MSVOA_Y
ClientSampleId :
72-11966

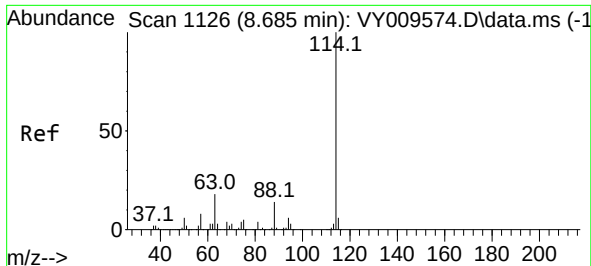
Tgt Ion: 84 Resp: 18430
Ion Ratio Lower Upper
84 100
49 112.3 114.4 171.6#
51 37.2 35.3 52.9
86 69.5 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 47.900 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009612.D
Acq: 20 Jul 2022 15:07

Tgt Ion: 65 Resp: 109967
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4

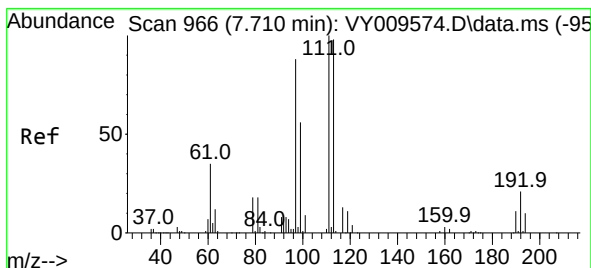
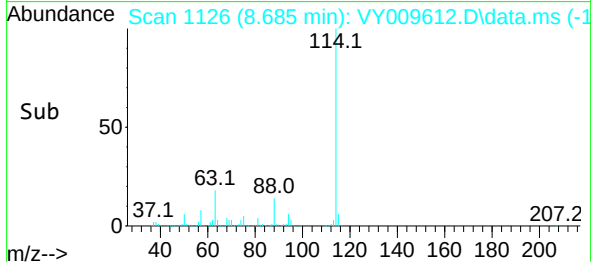
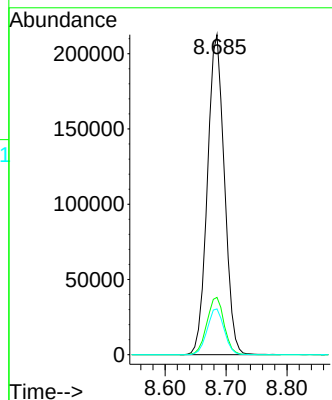
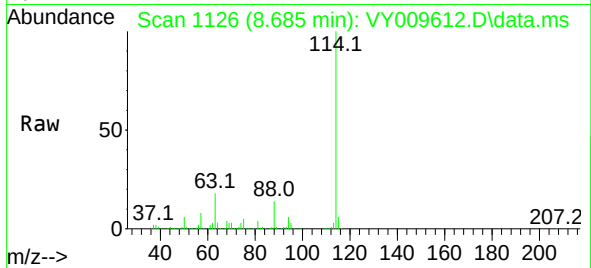




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009612.D
Acq: 20 Jul 2022 15:07

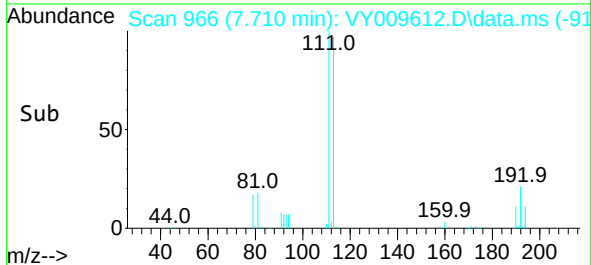
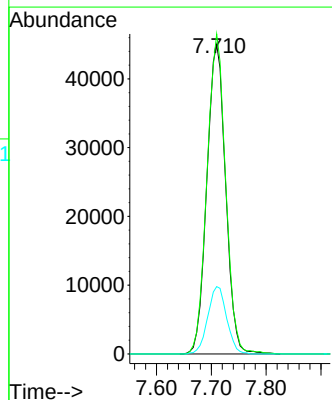
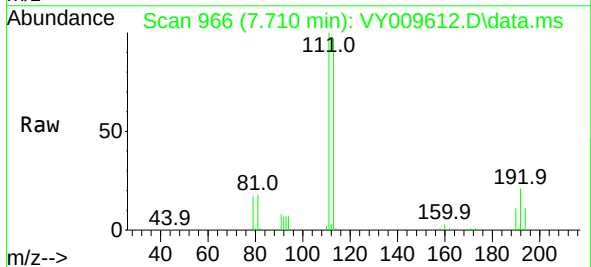
Instrument :
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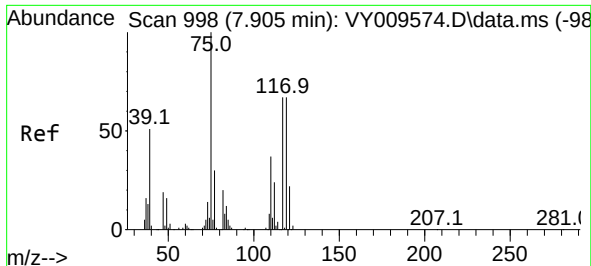
Tgt Ion:114 Resp: 411190
Ion Ratio Lower Upper
114 100
63 17.9 0.0 43.2
88 14.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 41.247 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009612.D
Acq: 20 Jul 2022 15:07

Tgt Ion:113 Resp: 106850
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 21.9 17.6 26.4

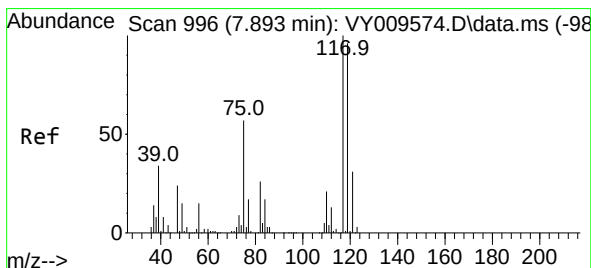
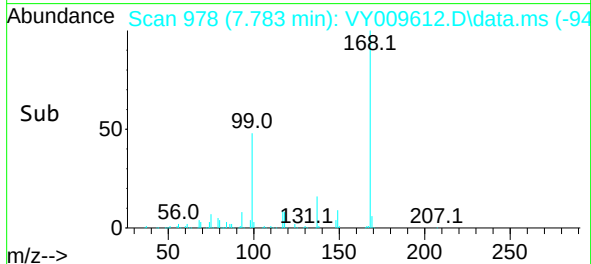
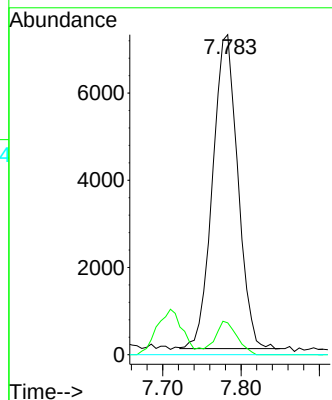
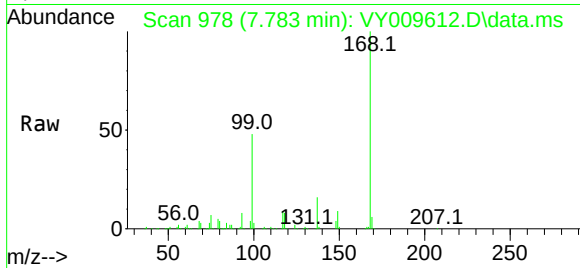




#36
 1,1-Dichloropropene
 Concen: 4.216 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY009612.D
 Acq: 20 Jul 2022 15:07

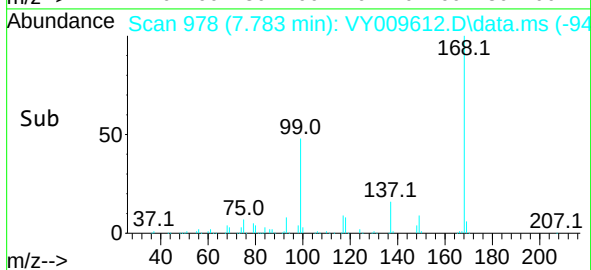
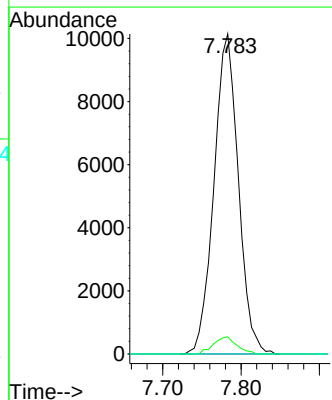
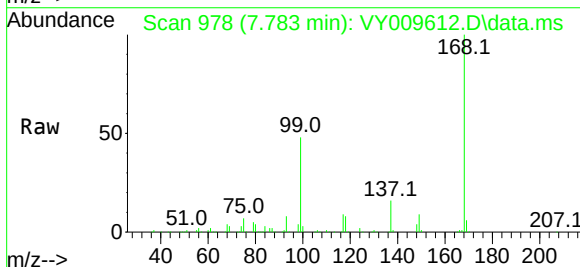
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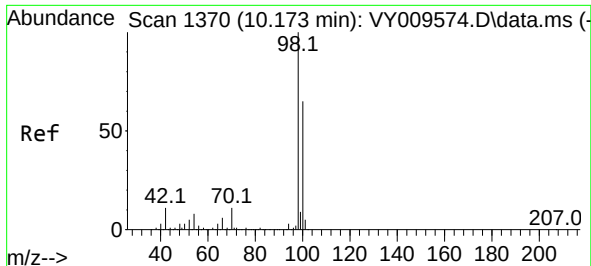
Tgt Ion: 75 Resp: 16140
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.476 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.110 min
 Lab File: VY009612.D
 Acq: 20 Jul 2022 15:07

Tgt Ion: 117 Resp: 21942
 Ion Ratio Lower Upper
 117 100
 119 5.3 77.9 116.9#
 121 0.0 24.8 37.2#

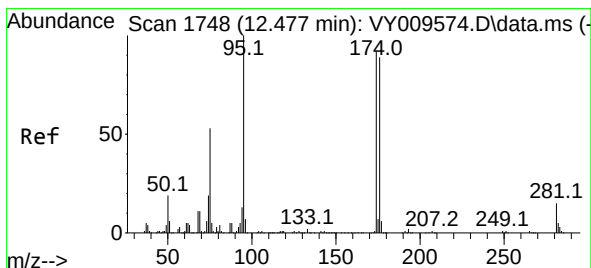
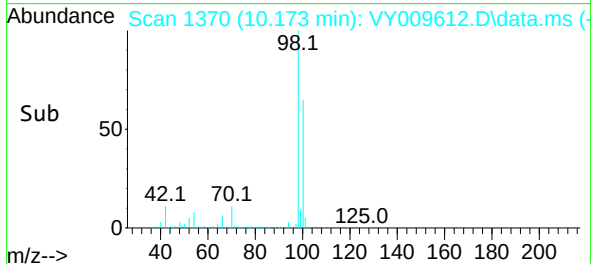
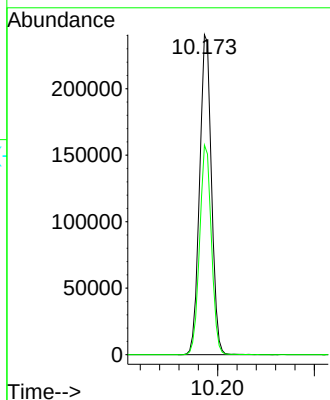
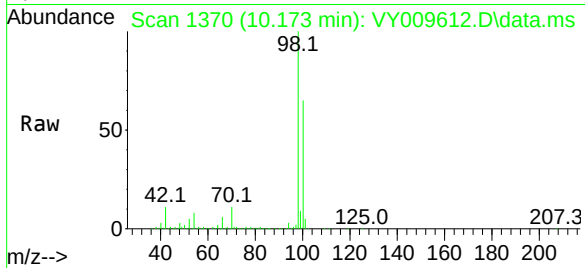




#50
Toluene-d8
Concen: 41.144 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009612.D
Acq: 20 Jul 2022 15:07

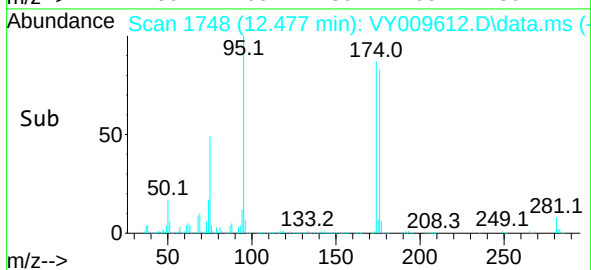
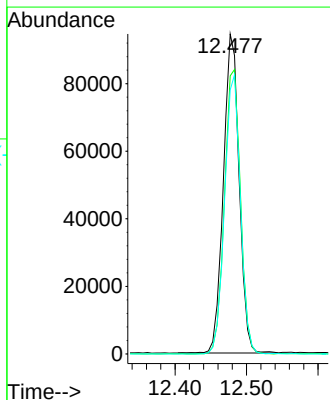
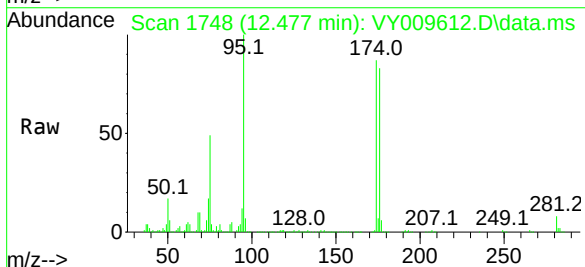
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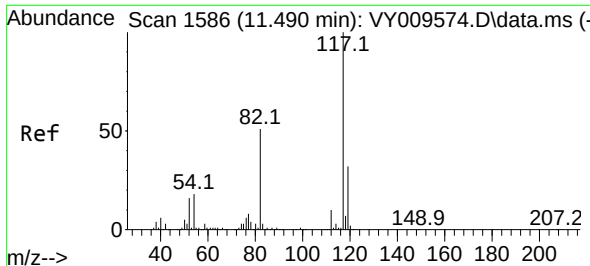
Tgt Ion: 98 Resp: 409736
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.680 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009612.D
Acq: 20 Jul 2022 15:07

Tgt Ion: 95 Resp: 144178
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 87.9 0.0 175.8

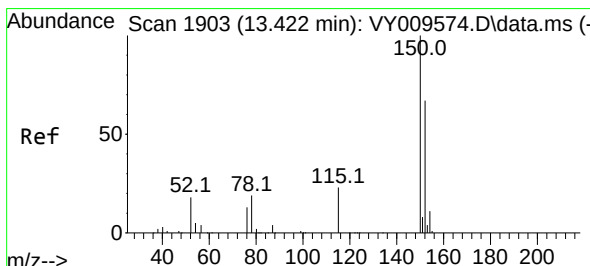
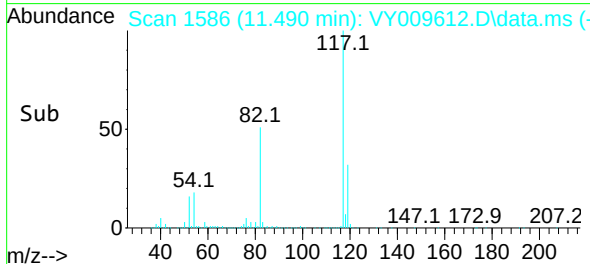
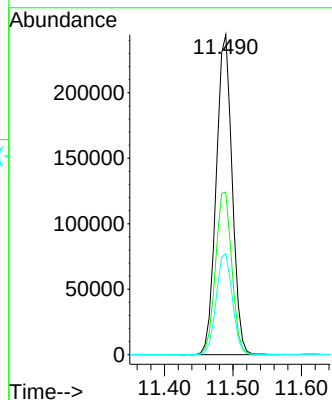
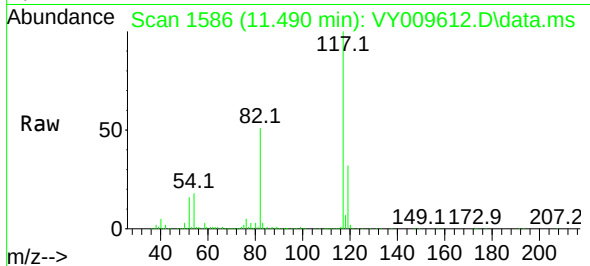




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009612.D
Acq: 20 Jul 2022 15:07

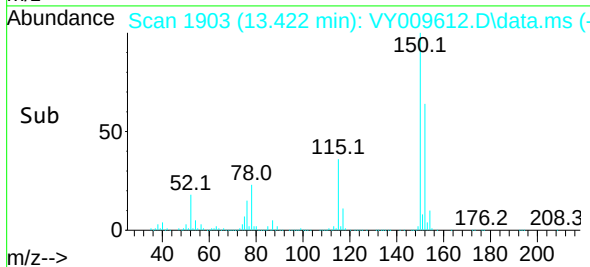
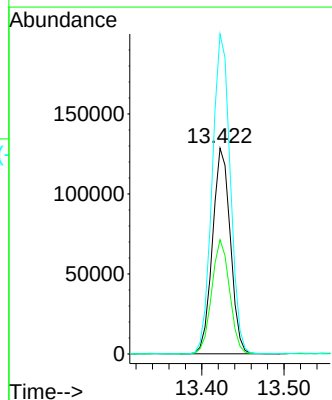
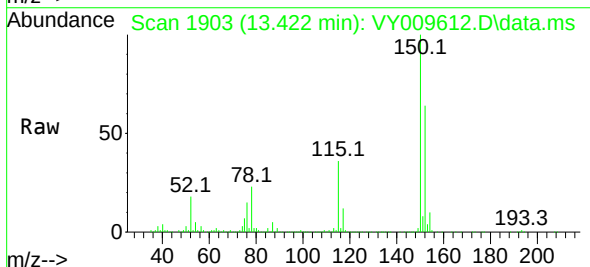
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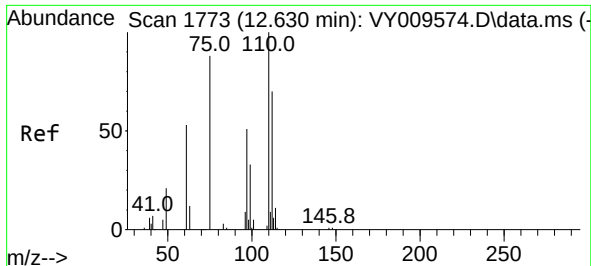
Tgt Ion:117 Resp: 394132
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009612.D
Acq: 20 Jul 2022 15:07

Tgt Ion:152 Resp: 193604
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 157.9 0.0 347.6

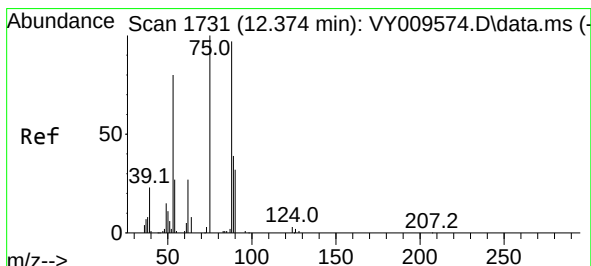
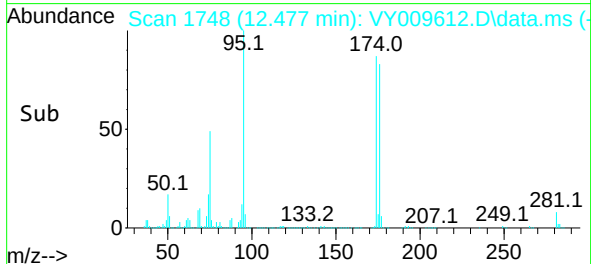
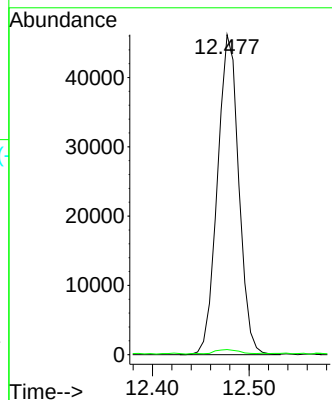
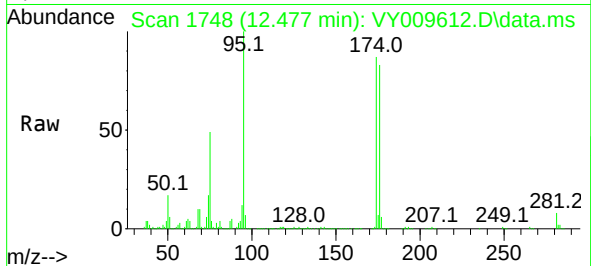




#76
1,2,3-Trichloropropane
Concen: 38.310 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009612.D
Acq: 20 Jul 2022 15:07

Instrument :
MSVOA_Y
ClientSampleId :
72-11966

Tgt Ion: 75 Resp: 70655
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.540 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009612.D
Acq: 20 Jul 2022 15:07

Tgt Ion: 75 Resp: 70655
Ion Ratio Lower Upper
75 100
53 0.4 85.3 127.9#
89 0.1 37.0 55.4#

