

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009979.D
 Acq On : 11 Aug 2022 21:16
 Operator : KP/MD
 Sample : N4127-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-080922

Quant Time: Aug 12 02:51:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

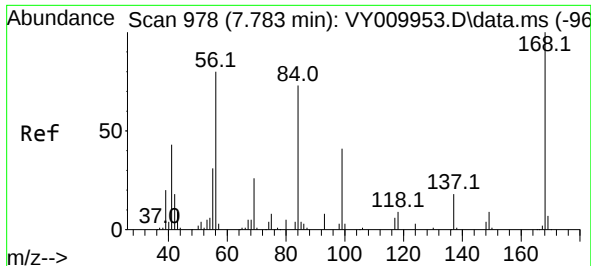
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	64284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	135005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	141488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	28728	58.411	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.820%
35) Dibromofluoromethane	7.710	113	26518	34.139	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.280%
50) Toluene-d8	10.173	98	99908	43.190	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.380%
62) 4-Bromofluorobenzene	12.477	95	31792	29.113	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	58.220%
Target Compounds						
					Qvalue	
5) Bromomethane	2.650	94	44	Below Cal	#	51
11) Tert butyl alcohol	4.942	59	475	7.565	ug/l #	78
16) Acetone	3.942	43	5841	36.117	ug/l #	81
18) Methyl Acetate	4.466	43	366	Below Cal	#	52
25) 2-Butanone	6.972	43	1430	5.167	ug/l #	48
26) 2,2-Dichloropropane	6.978	77	1407	1.266	ug/l #	52
31) Cyclohexane	7.777	56	1471	1.069	ug/l #	12
36) 1,1-Dichloropropene	7.783	75	5479	4.052	ug/l #	48
37) Ethyl Acetate	6.972	43	1430	1.810	ug/l #	5
38) Carbon Tetrachloride	7.777	117	6618	5.110	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	16435	24.054	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	16435	46.823	ug/l #	13

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

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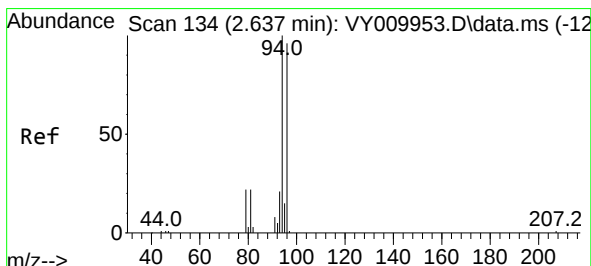
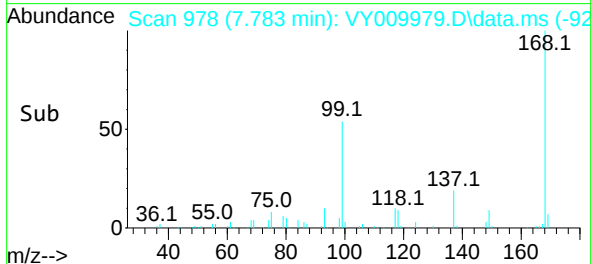
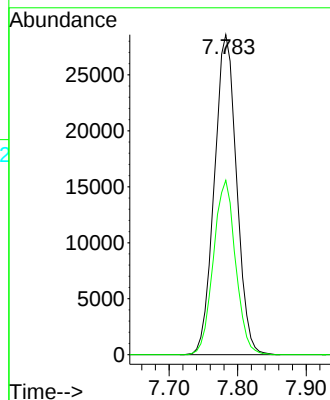
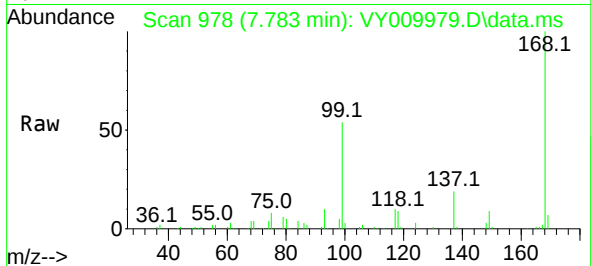




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009979.D
Acq: 11 Aug 2022 21:16

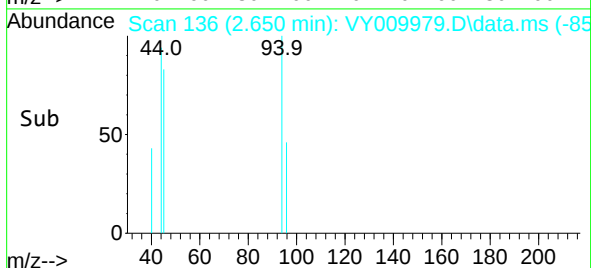
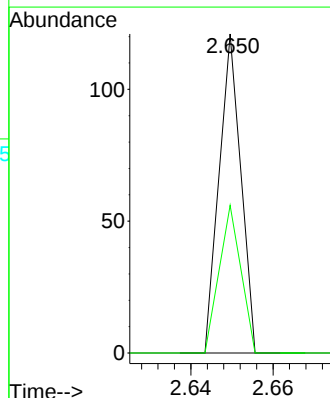
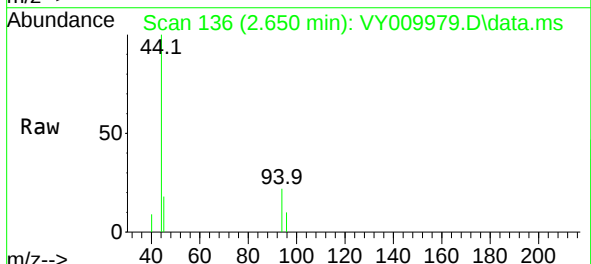
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-080922

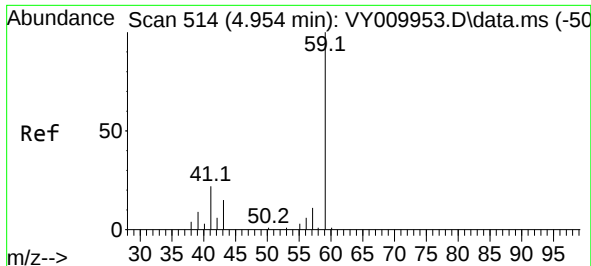
Tgt Ion:168 Resp: 64284
Ion Ratio Lower Upper
168 100
99 54.5 42.1 63.1



#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 136
Delta R.T. 0.013 min
Lab File: VY009979.D
Acq: 11 Aug 2022 21:16

Tgt Ion: 94 Resp: 44
Ion Ratio Lower Upper
94 100
96 46.3 74.6 111.8#





#11

Tert butyl alcohol

Concen: 7.565 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY009979.D

Acq: 11 Aug 2022 21:16

Instrument :

MSVOA_Y

ClientSampleId :

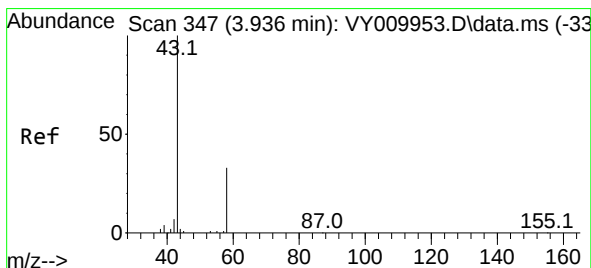
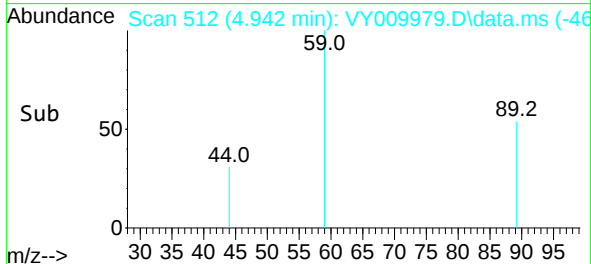
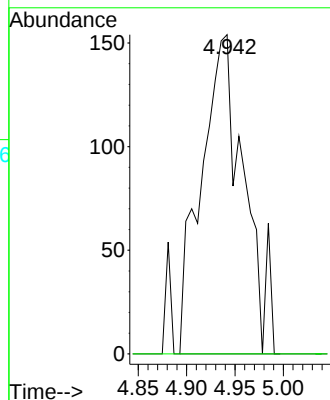
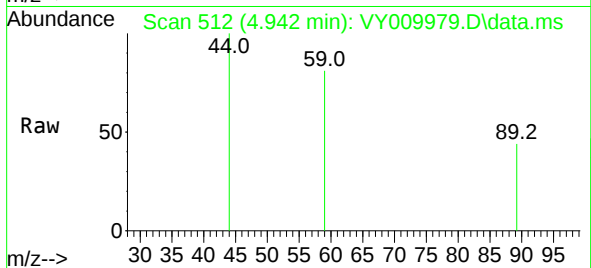
SU-04-080922

Tgt Ion: 59 Resp: 475

Ion Ratio Lower Upper

59 100

57 0.0 6.3 9.5#



#16

Acetone

Concen: 36.117 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY009979.D

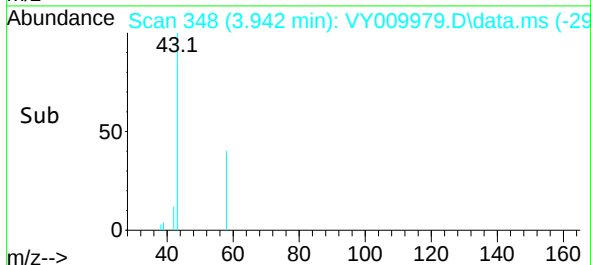
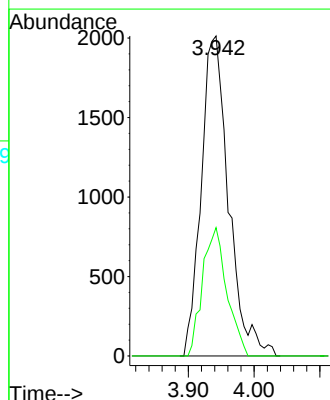
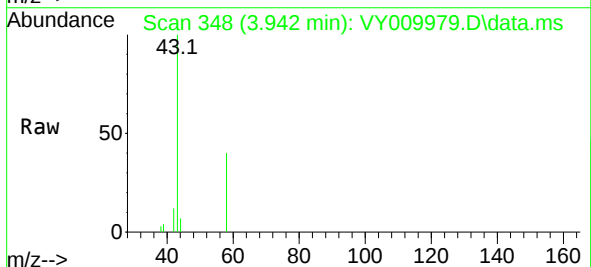
Acq: 11 Aug 2022 21:16

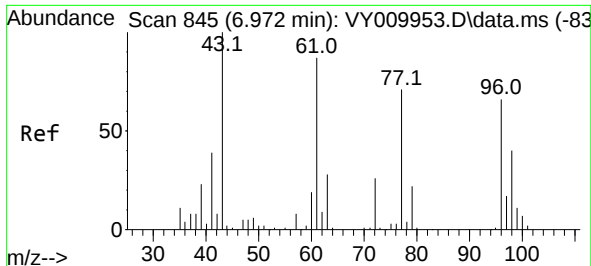
Tgt Ion: 43 Resp: 5841

Ion Ratio Lower Upper

43 100

58 40.1 24.0 36.0#





#25

2-Butanone

Concen: 5.167 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009979.D

Acq: 11 Aug 2022 21:16

Instrument :

MSVOA_Y

ClientSampleId :

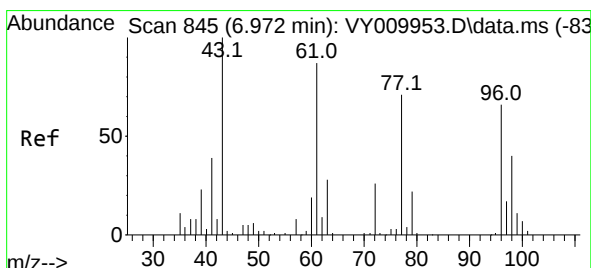
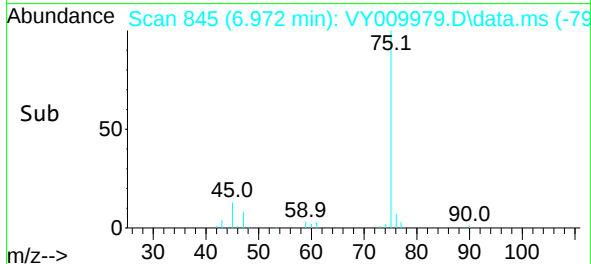
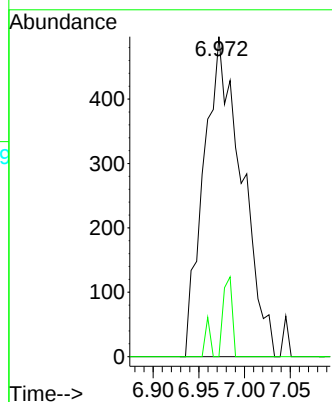
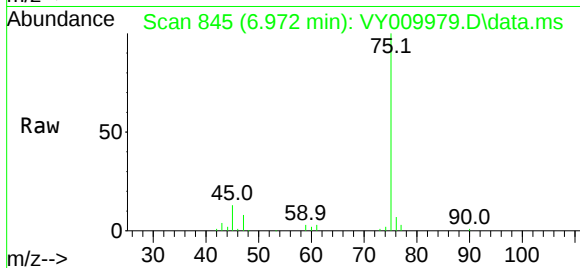
SU-04-080922

Tgt Ion: 43 Resp: 1430

Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#



#26

2,2-Dichloropropane

Concen: 1.266 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY009979.D

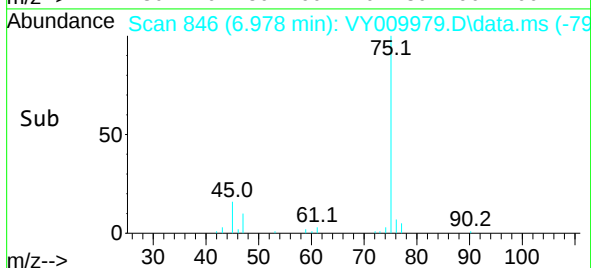
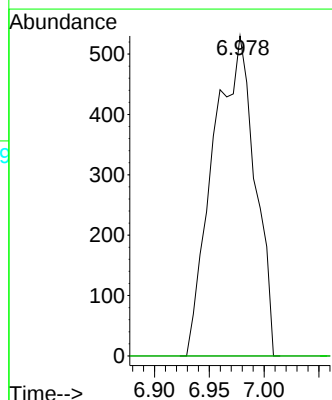
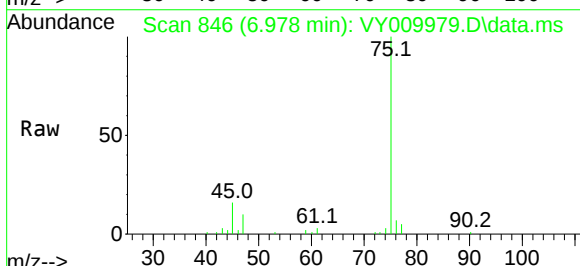
Acq: 11 Aug 2022 21:16

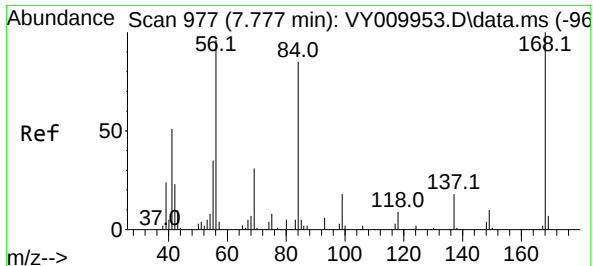
Tgt Ion: 77 Resp: 1407

Ion Ratio Lower Upper

77 100

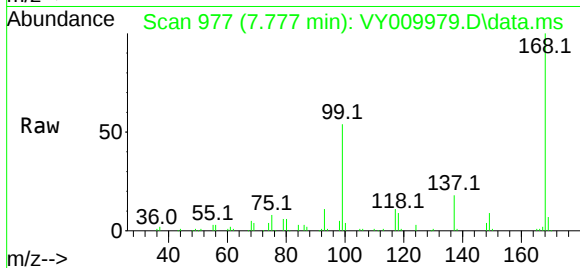
97 0.0 11.7 35.0#



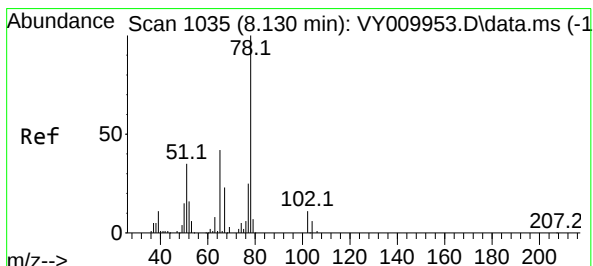
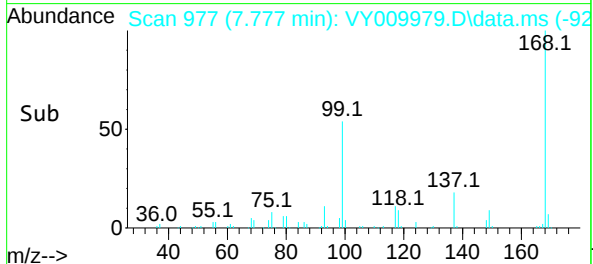
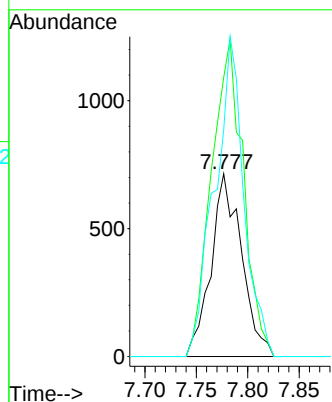


#31
Cyclohexane
Concen: 1.069 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009979.D
Acq: 11 Aug 2022 21:16

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-080922

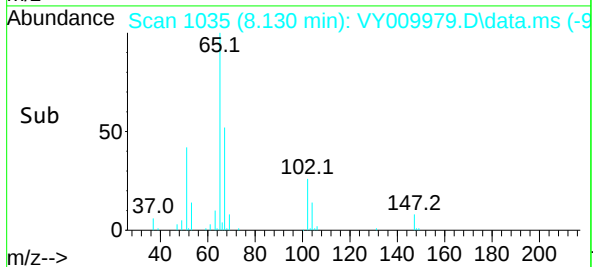
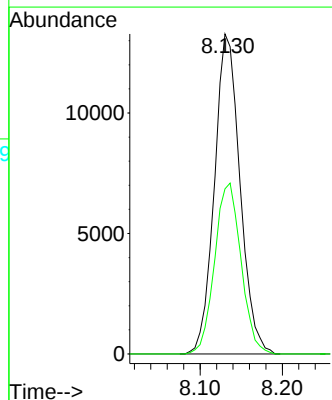
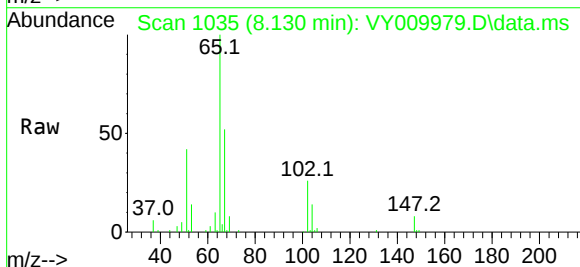


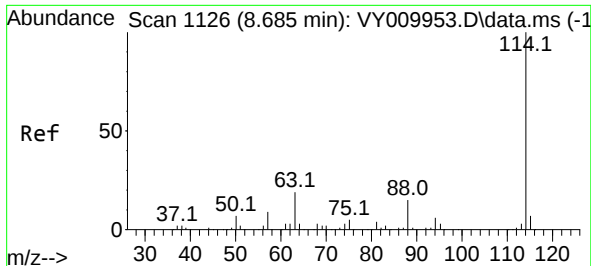
Tgt Ion: 56 Resp: 1471
Ion Ratio Lower Upper
56 100
69 152.8 26.0 39.0#
84 124.1 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 58.411 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009979.D
Acq: 11 Aug 2022 21:16

Tgt Ion: 65 Resp: 28728
Ion Ratio Lower Upper
65 100
67 55.0 0.0 108.4

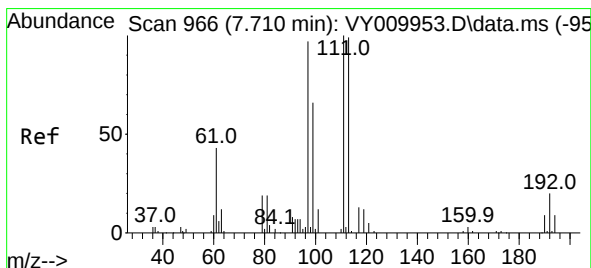
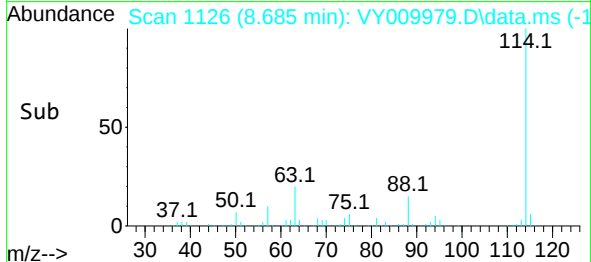
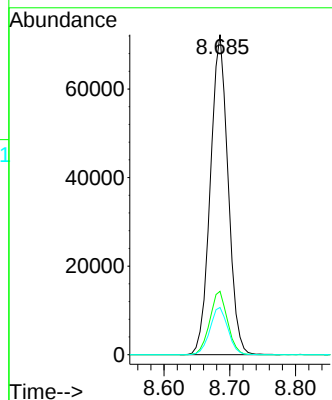
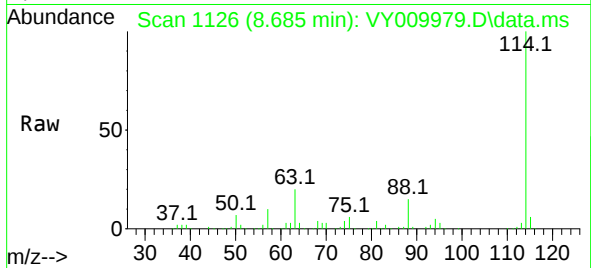




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009979.D
Acq: 11 Aug 2022 21:16

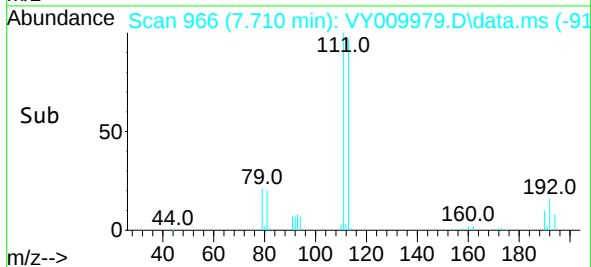
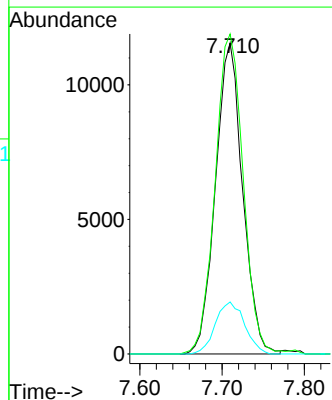
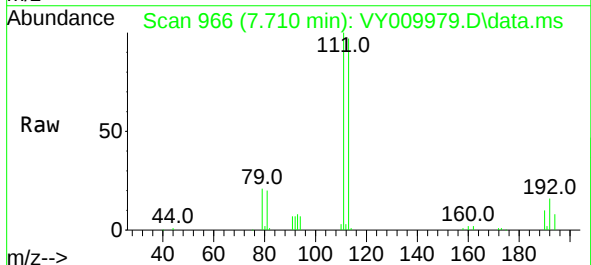
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-080922

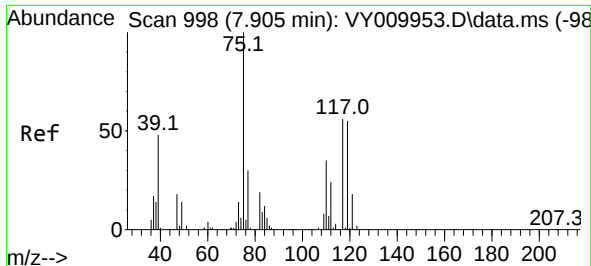
Tgt Ion:114 Resp: 135005
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.0
88 14.7 0.0 30.0



#35
Dibromofluoromethane
Concen: 34.139 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009979.D
Acq: 11 Aug 2022 21:16

Tgt Ion:113 Resp: 26518
Ion Ratio Lower Upper
113 100
111 106.2 80.6 120.8
192 18.1 16.2 24.4

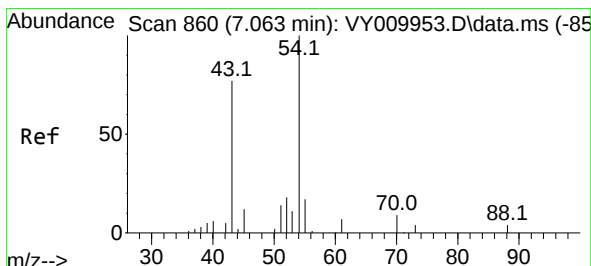
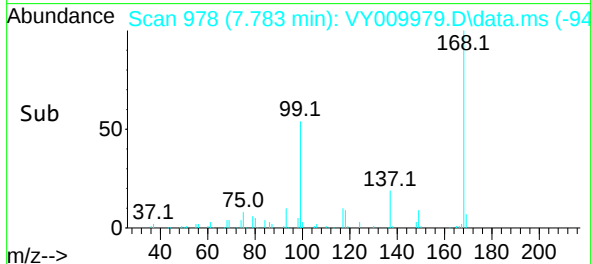
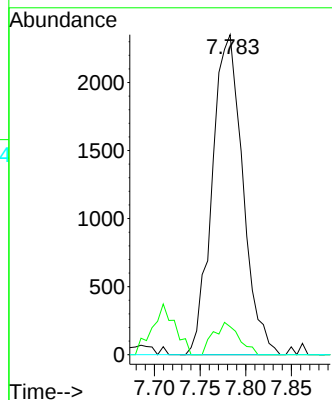
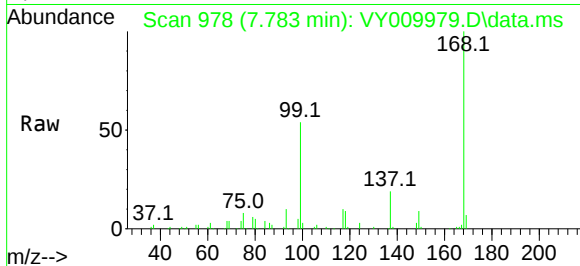




#36
1,1-Dichloropropene
Concen: 4.052 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY009979.D
Acq: 11 Aug 2022 21:16

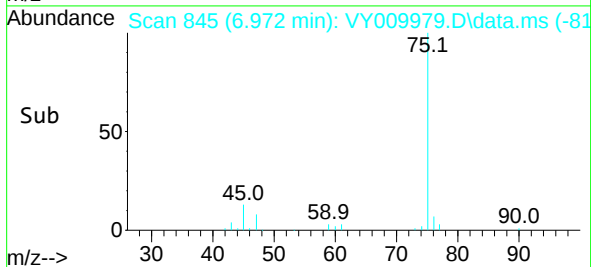
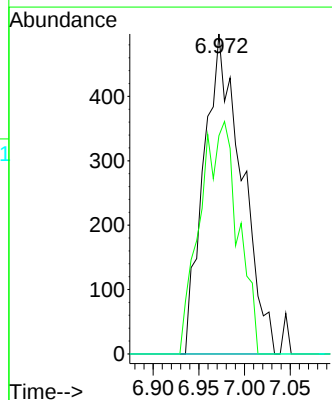
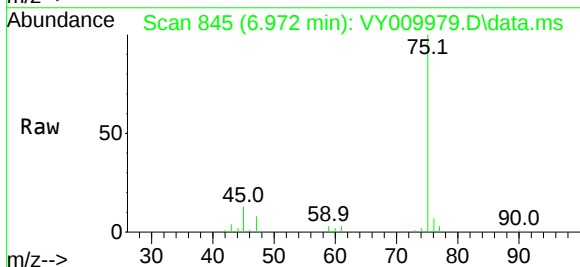
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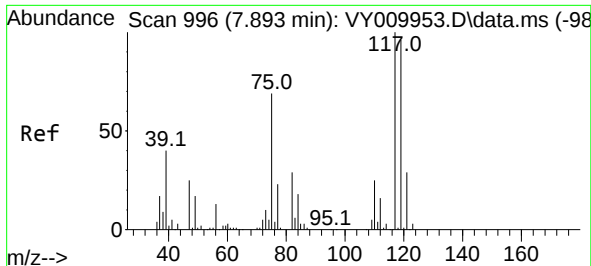
Tgt Ion: 75 Resp: 5479
Ion Ratio Lower Upper
75 100
110 8.4 18.6 56.0#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.810 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.091 min
Lab File: VY009979.D
Acq: 11 Aug 2022 21:16

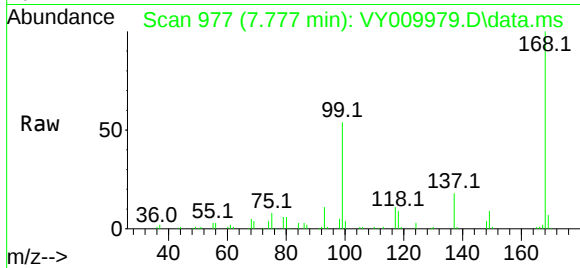
Tgt Ion: 43 Resp: 1430
Ion Ratio Lower Upper
43 100
61 73.3 11.2 16.8#
70 0.0 8.4 12.6#



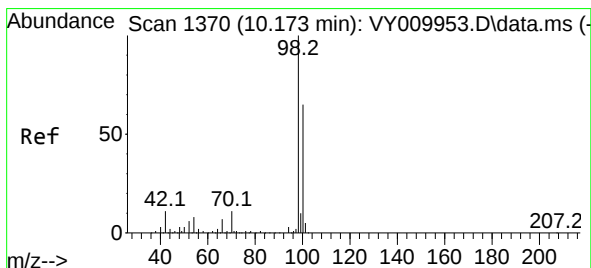
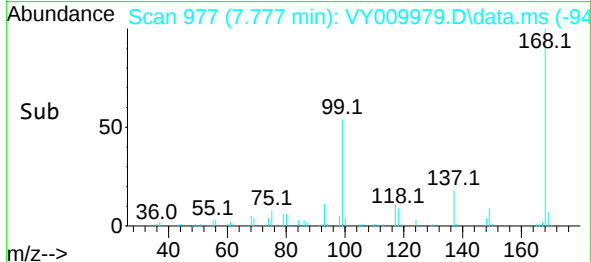
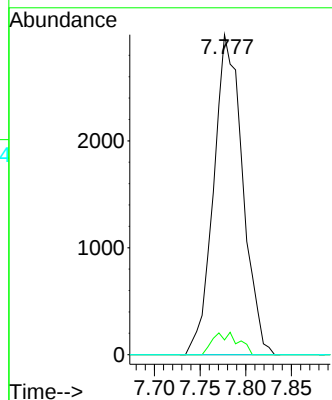


#38
Carbon Tetrachloride
Concen: 5.110 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009979.D
Acq: 11 Aug 2022 21:16

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-080922

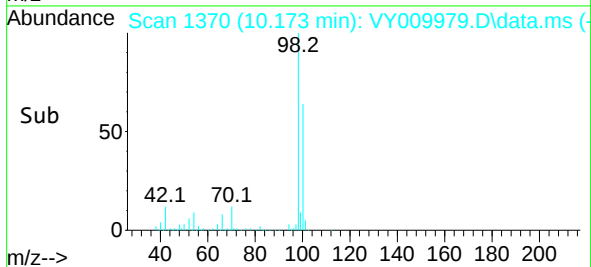
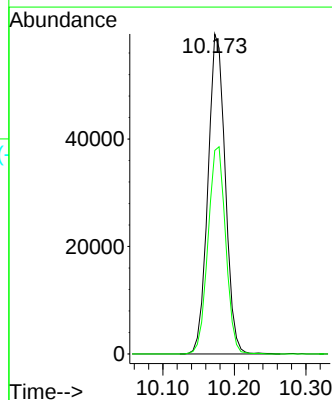
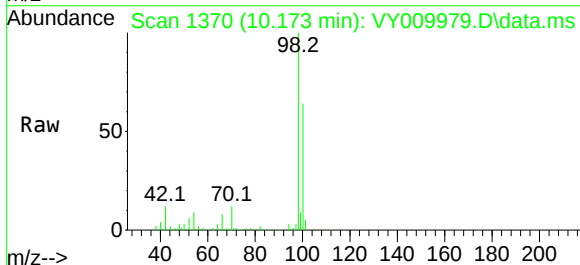


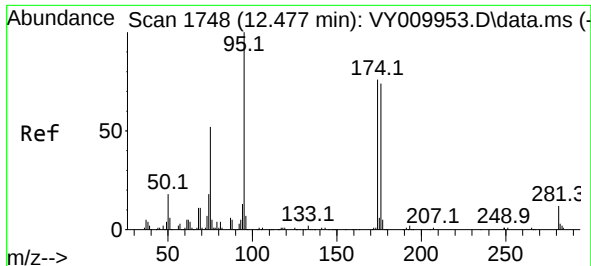
Tgt Ion:117 Resp: 6618
Ion Ratio Lower Upper
117 100
119 4.6 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 43.190 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009979.D
Acq: 11 Aug 2022 21:16

Tgt Ion: 98 Resp: 99908
Ion Ratio Lower Upper
98 100
100 66.0 52.9 79.3

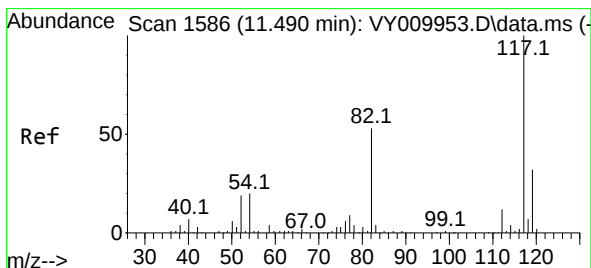
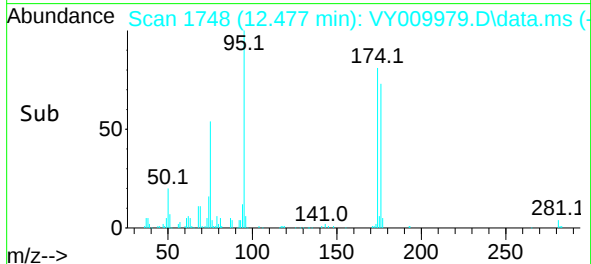
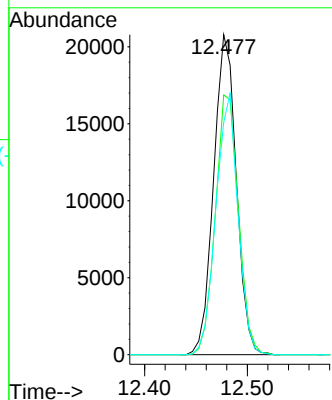
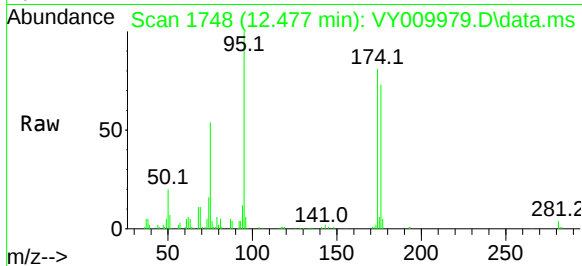




#62
4-Bromofluorobenzene
Concen: 29.113 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009979.D
Acq: 11 Aug 2022 21:16

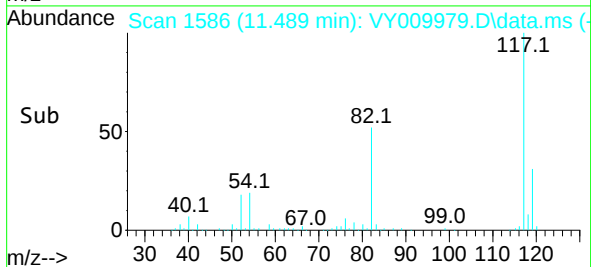
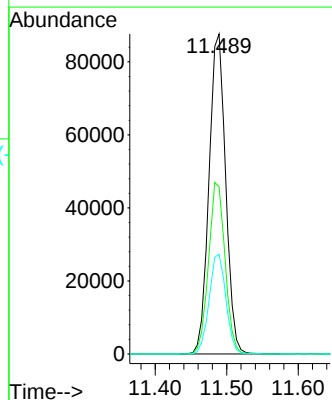
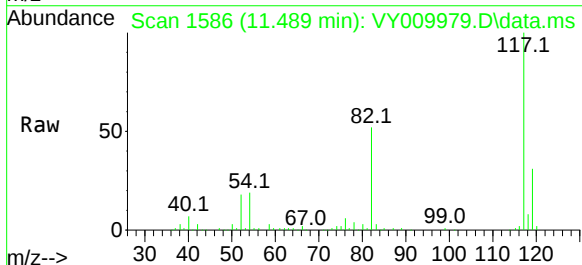
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-080922

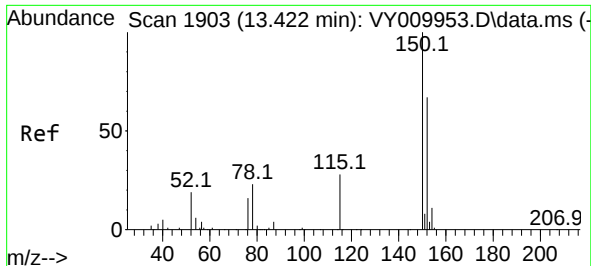
Tgt Ion: 95 Resp: 31792
Ion Ratio Lower Upper
95 100
174 83.0 0.0 173.8
176 79.5 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009979.D
Acq: 11 Aug 2022 21:16

Tgt Ion: 117 Resp: 141488
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.6
119 31.2 25.6 38.4

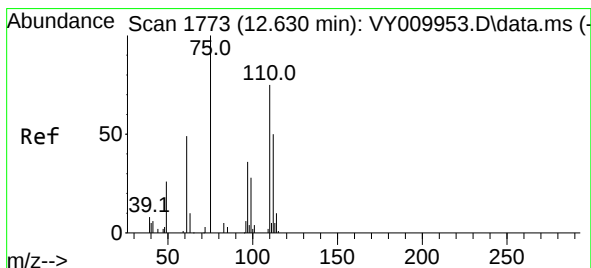
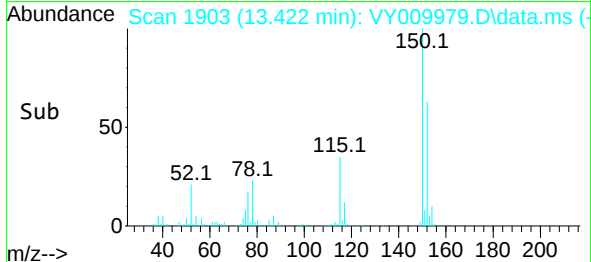
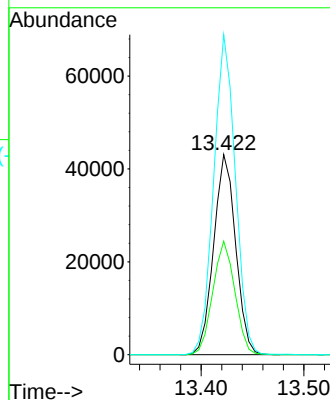
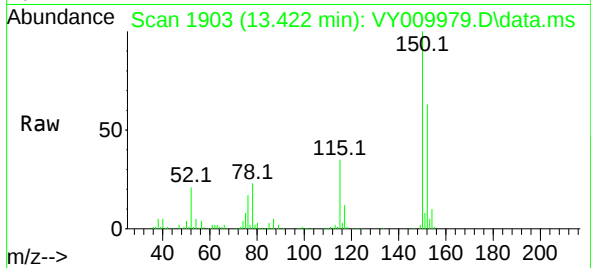




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009979.D
Acq: 11 Aug 2022 21:16

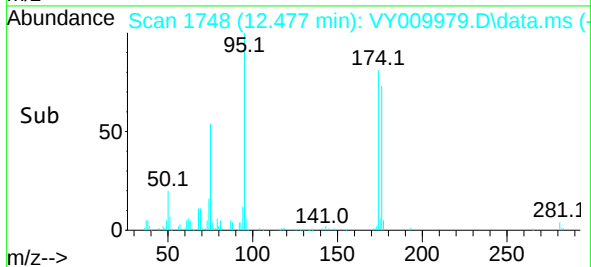
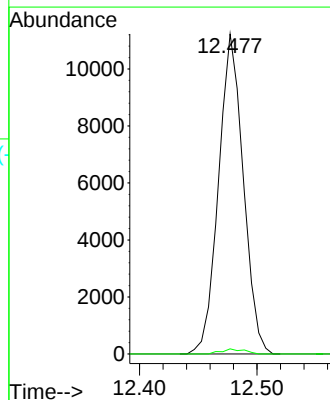
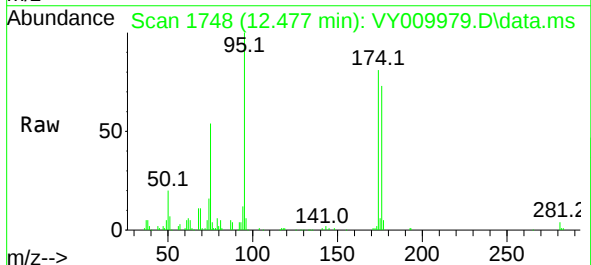
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-080922

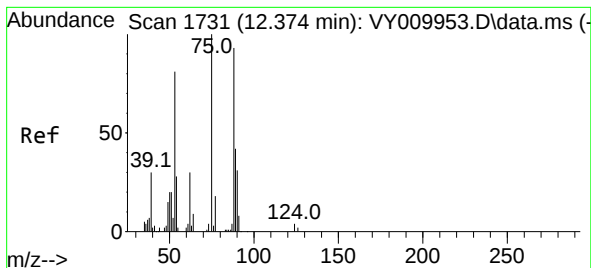
Tgt Ion:152 Resp: 64000
Ion Ratio Lower Upper
152 100
115 56.8 28.6 85.9
150 157.9 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 24.054 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009979.D
Acq: 11 Aug 2022 21:16

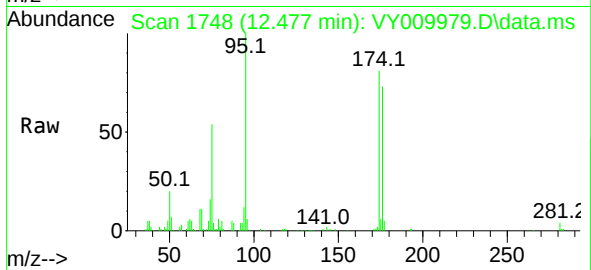
Tgt Ion: 75 Resp: 16435
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.823 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009979.D
 Acq: 11 Aug 2022 21:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-080922



Tgt Ion: 75 Resp: 16435
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.1 38.1 57.1#

