

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009645.D
 Acq On : 21 Jul 2022 19:59
 Operator : KP/MD
 Sample : N3835-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-072122

Quant Time: Jul 22 02:31:50 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)

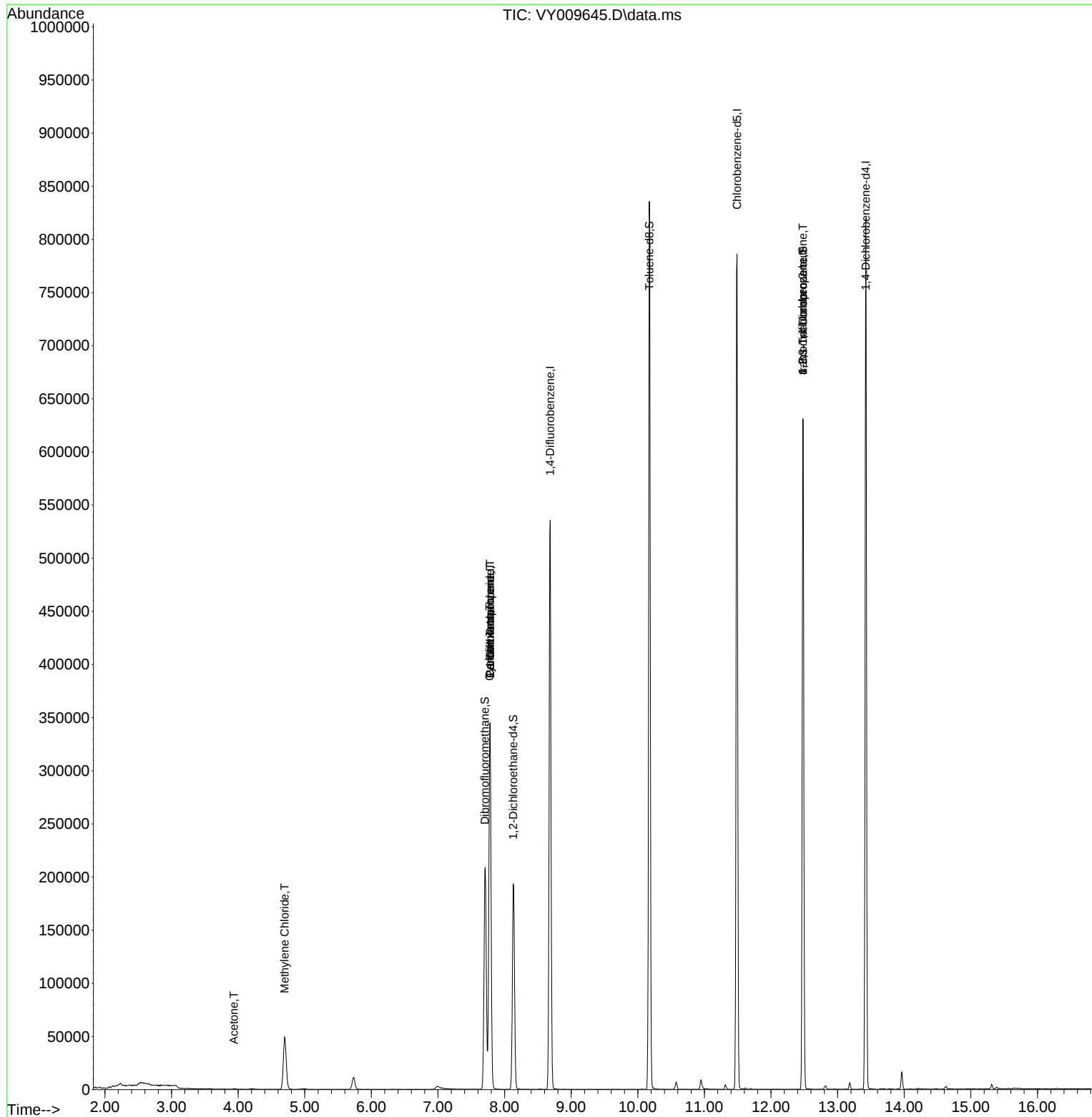
Internal Standards						
1) Pentafluorobenzene	7.783	168	292003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	479544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	454863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	214846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	150279	54.417	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.840%			
35) Dibromofluoromethane	7.704	113	148512	49.158	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.320%			
50) Toluene-d8	10.173	98	558068	48.051	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 96.100%			
62) 4-Bromofluorobenzene	12.477	95	180439	47.947	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 95.900%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.942	59	753	Below Cal	#	77
16) Acetone	3.936	43	839	1.201	ug/l #	53
20) Methylene Chloride	4.698	84	39459	1.680	ug/l #	77
31) Cyclohexane	7.777	56	4962	1.019	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	19062	4.270	ug/l #	51
38) Carbon Tetrachloride	7.783	117	26129	5.591	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	90462	44.200	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	90462	87.153	ug/l #	7

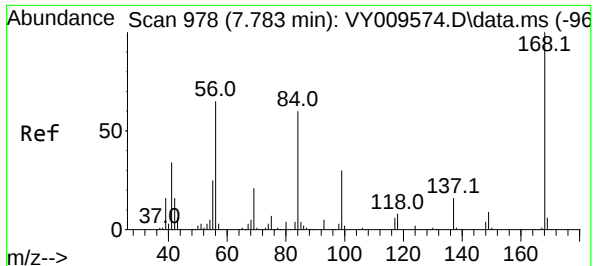
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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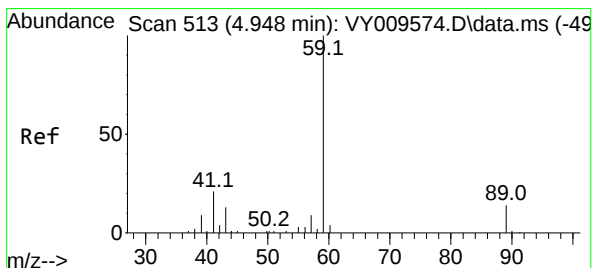
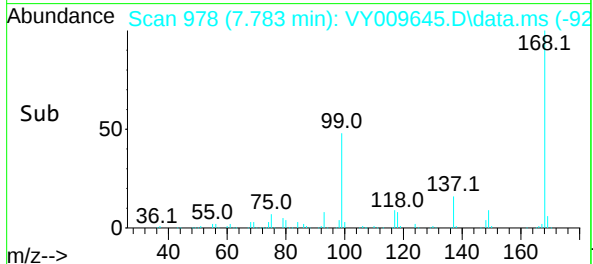
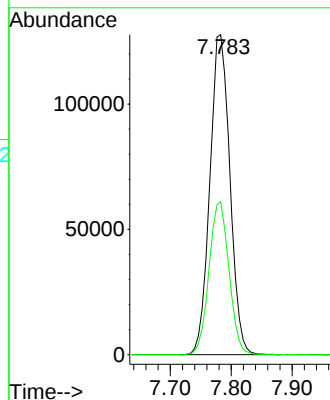
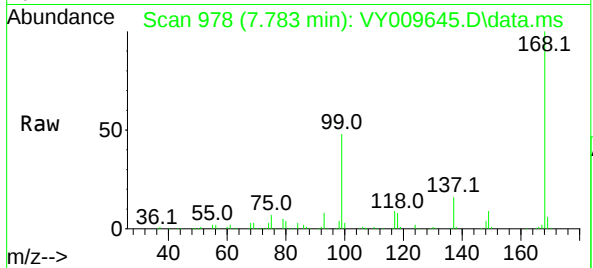




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009645.D
Acq: 21 Jul 2022 19:59

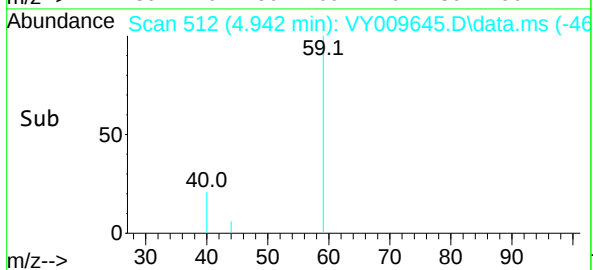
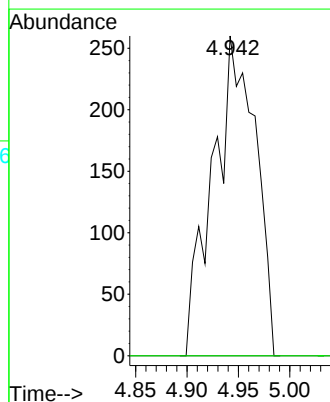
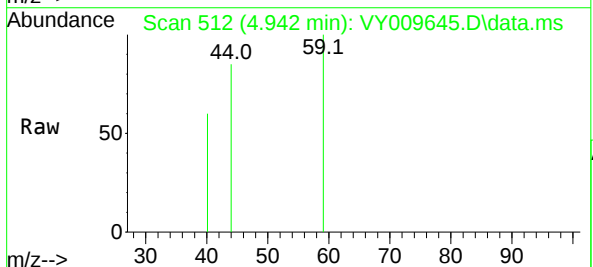
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-072122

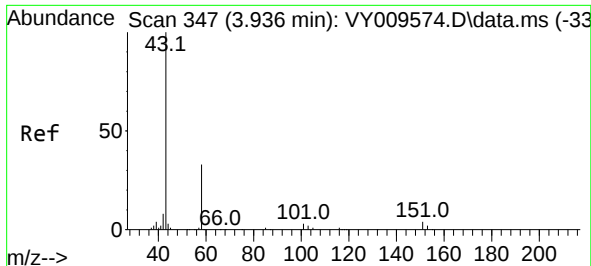
Tgt Ion:168 Resp: 292003
Ion Ratio Lower Upper
168 100
99 47.9 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009645.D
Acq: 21 Jul 2022 19:59

Tgt Ion: 59 Resp: 753
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 1.201 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY009645.D

Acq: 21 Jul 2022 19:59

Instrument :

MSVOA_Y

ClientSampleId :

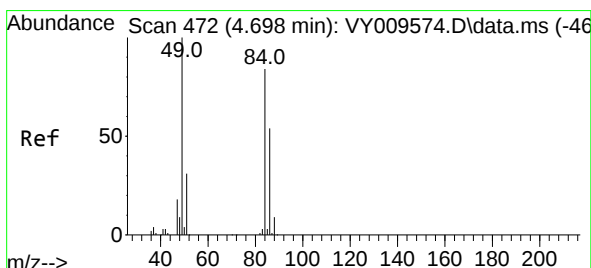
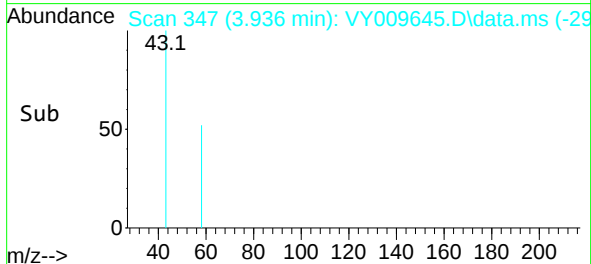
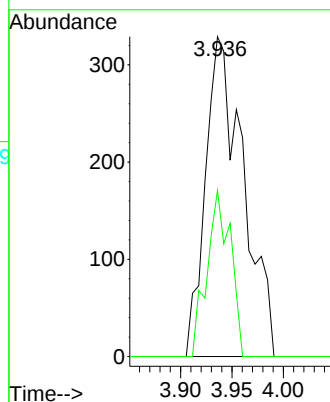
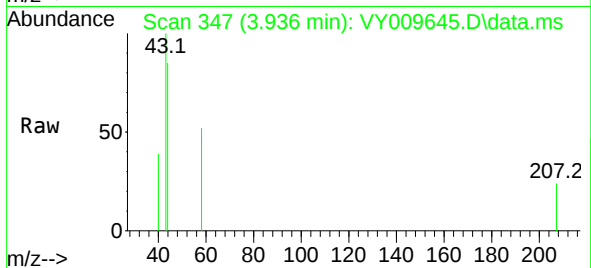
SU-04-072122

Tgt Ion: 43 Resp: 839

Ion Ratio Lower Upper

43 100

58 52.0 22.0 33.0#



#20

Methylene Chloride

Concen: 1.680 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.000 min

Lab File: VY009645.D

Acq: 21 Jul 2022 19:59

Tgt Ion: 84 Resp: 39459

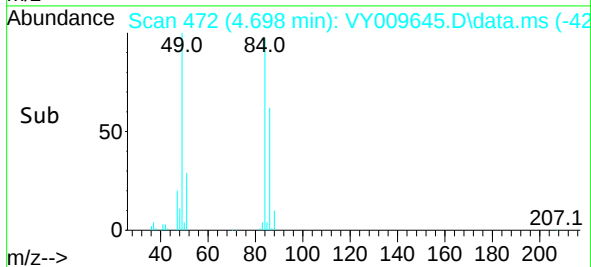
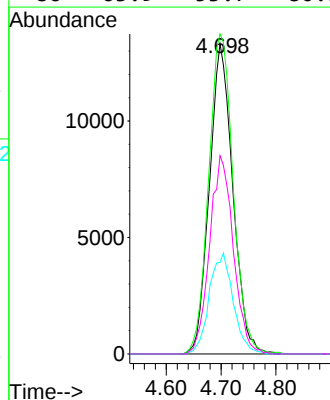
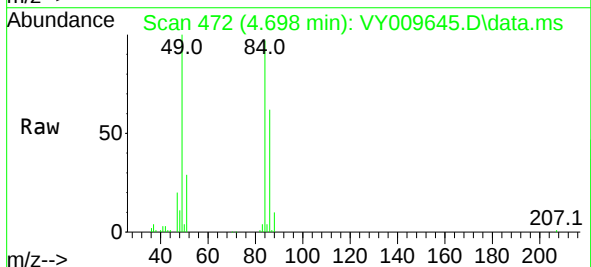
Ion Ratio Lower Upper

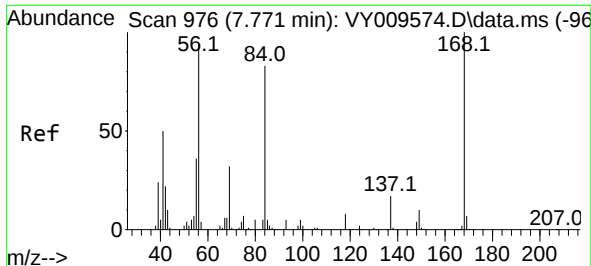
84 100

49 103.1 114.4 171.6#

51 29.5 35.3 52.9#

86 63.9 53.7 80.5

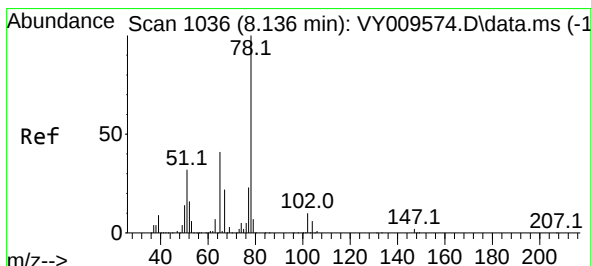
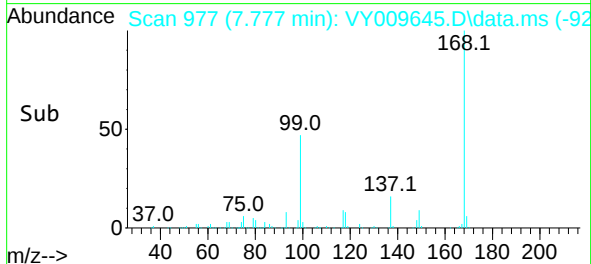
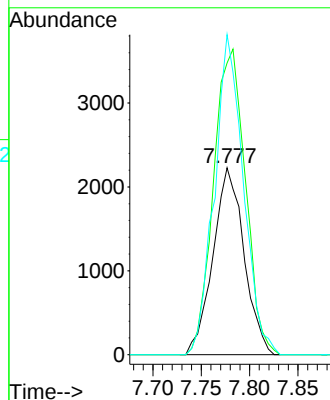
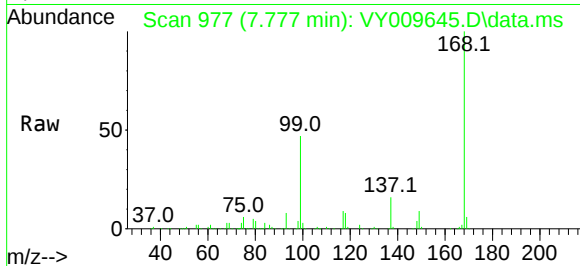




#31
Cyclohexane
Concen: 1.019 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009645.D
Acq: 21 Jul 2022 19:59

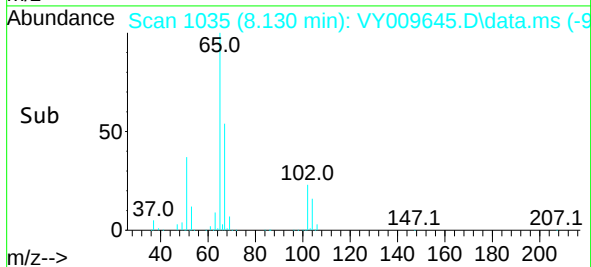
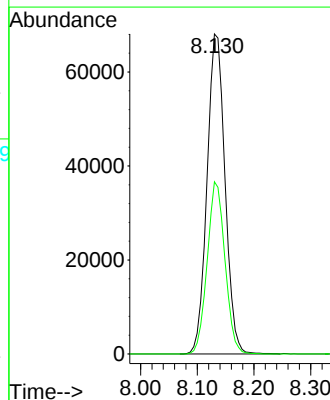
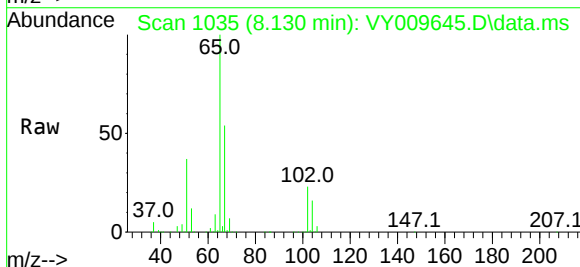
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-072122

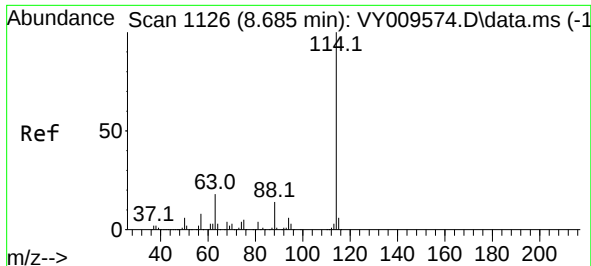
Tgt Ion: 56 Resp: 4962
Ion Ratio Lower Upper
56 100
69 156.1 26.7 40.1#
84 171.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.417 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009645.D
Acq: 21 Jul 2022 19:59

Tgt Ion: 65 Resp: 150279
Ion Ratio Lower Upper
65 100
67 53.0 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: VY009645.D

Acq: 21 Jul 2022 19:59

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-072122

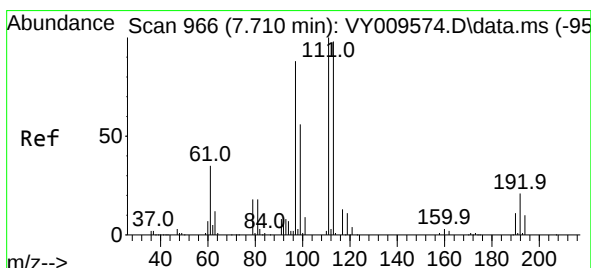
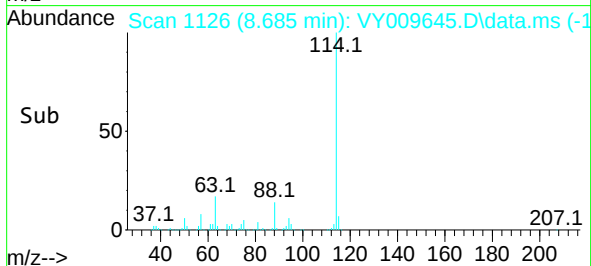
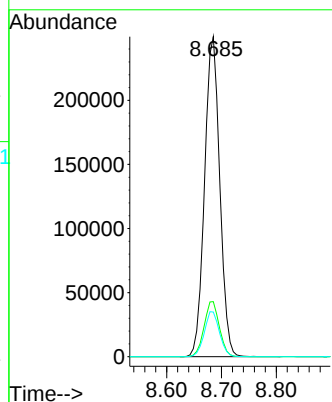
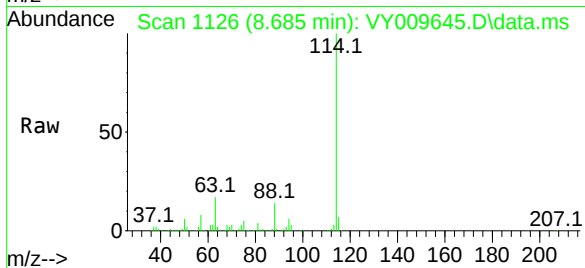
Tgt Ion:114 Resp: 479544

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.158 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.006 min

Lab File: VY009645.D

Acq: 21 Jul 2022 19:59

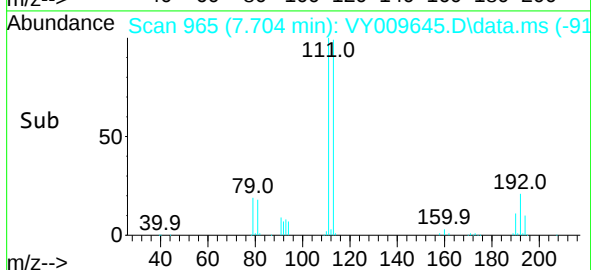
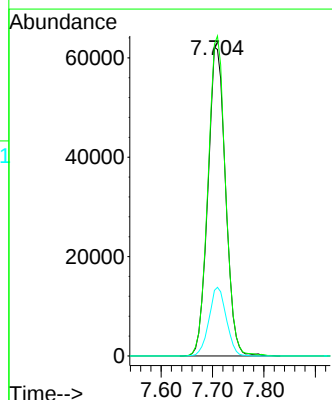
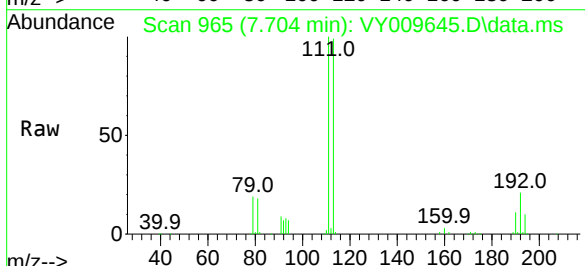
Tgt Ion:113 Resp: 148512

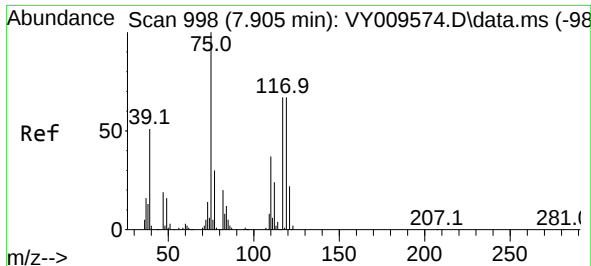
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 21.8 17.6 26.4

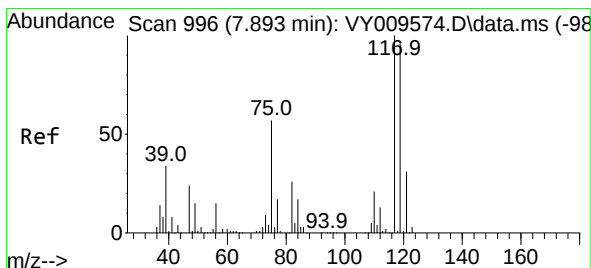
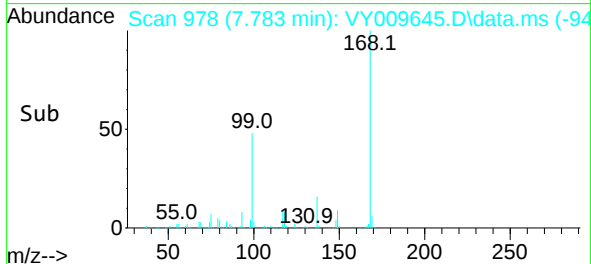
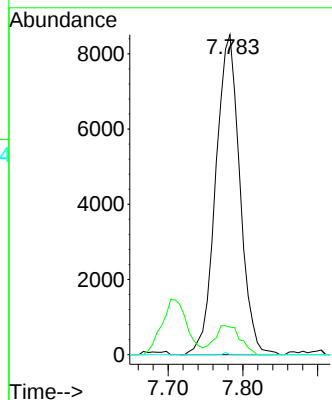
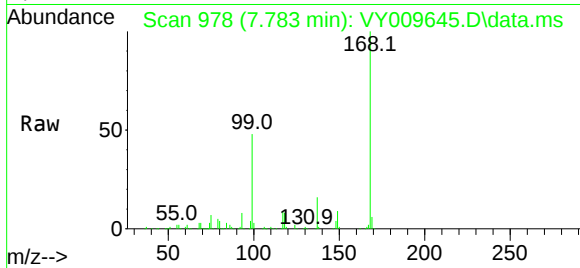




#36
1,1-Dichloropropene
Concen: 4.270 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY009645.D
Acq: 21 Jul 2022 19:59

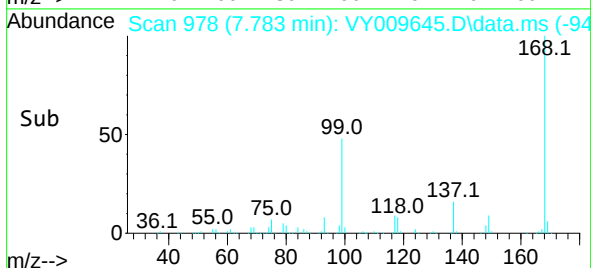
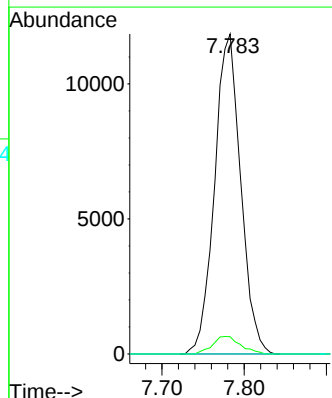
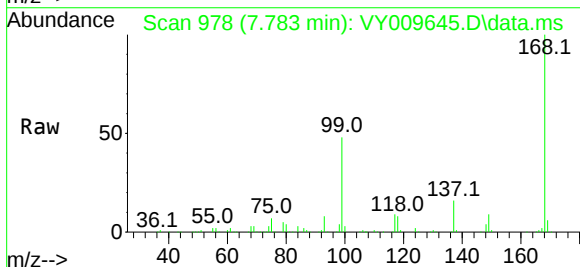
Instrument :
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ClientSampleId :
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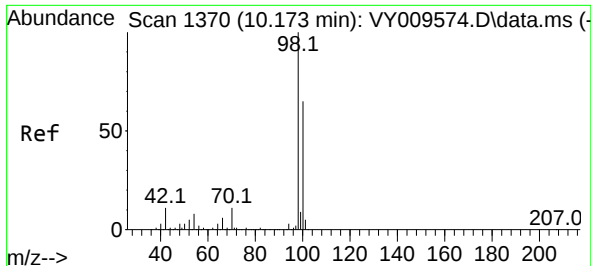
Tgt Ion: 75 Resp: 19062
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.1 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.591 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009645.D
Acq: 21 Jul 2022 19:59

Tgt Ion: 117 Resp: 26129
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#

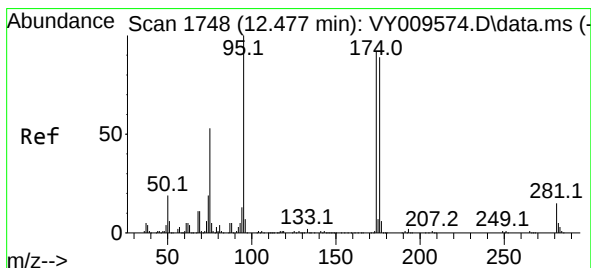
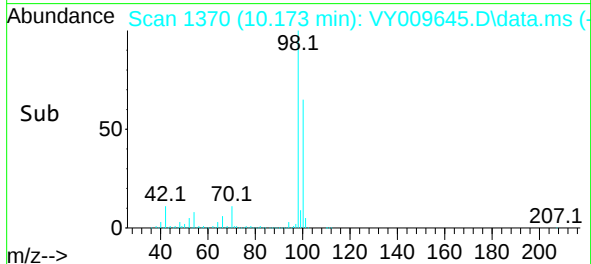
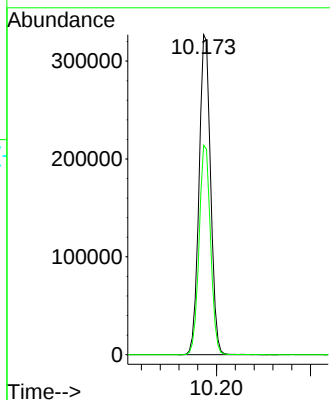
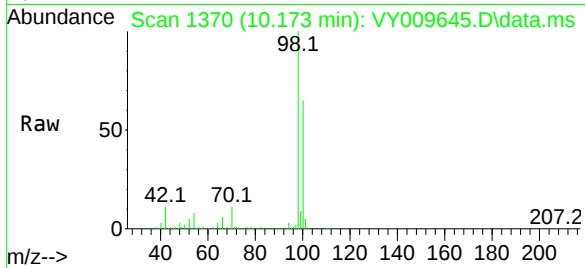




#50
Toluene-d8
Concen: 48.051 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009645.D
Acq: 21 Jul 2022 19:59

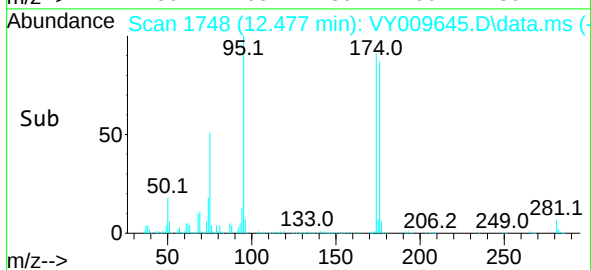
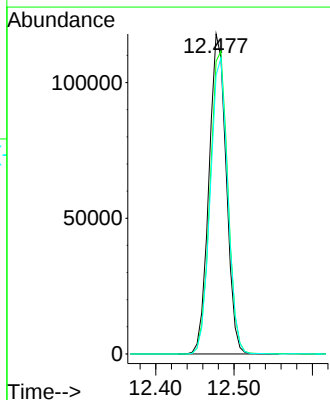
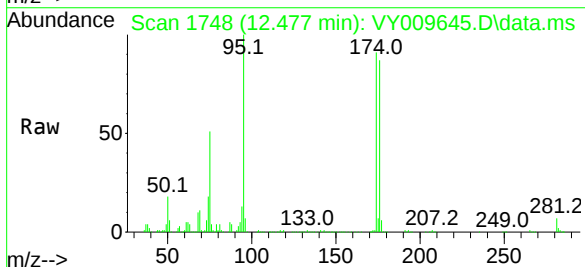
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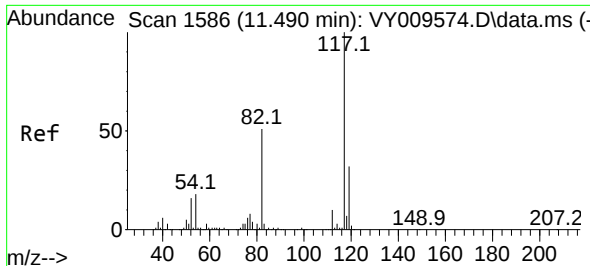
Tgt Ion: 98 Resp: 558068
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.947 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009645.D
Acq: 21 Jul 2022 19:59

Tgt Ion: 95 Resp: 180439
Ion Ratio Lower Upper
95 100
174 96.9 0.0 177.0
176 93.5 0.0 175.8

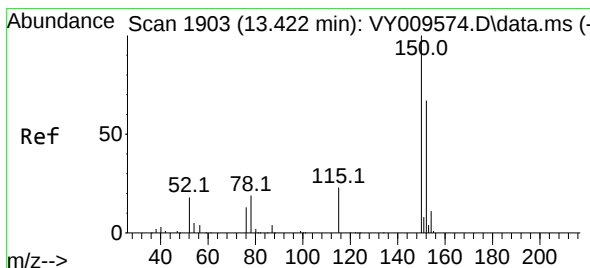
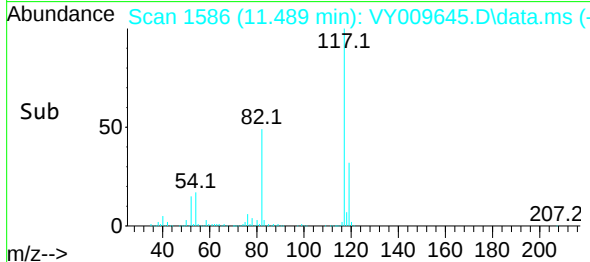
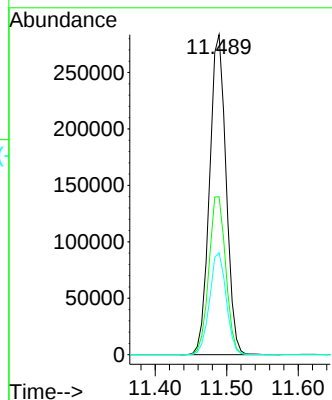
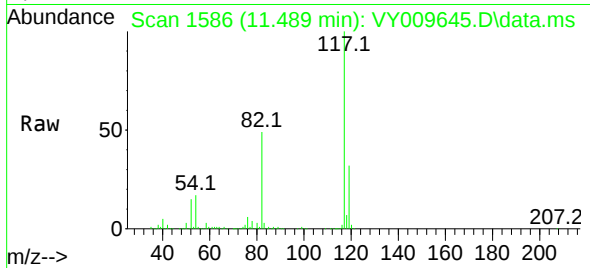




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009645.D
Acq: 21 Jul 2022 19:59

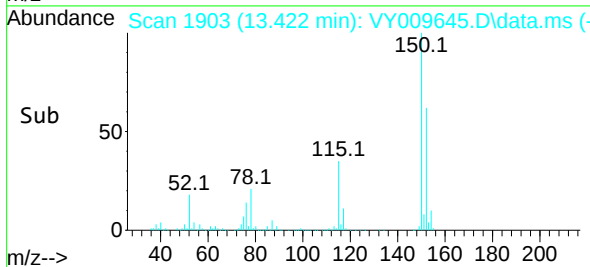
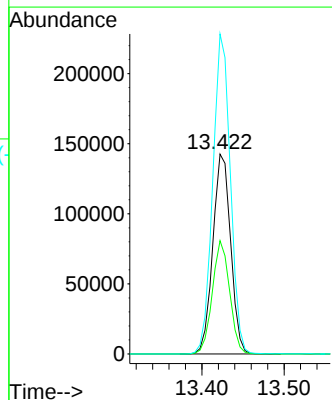
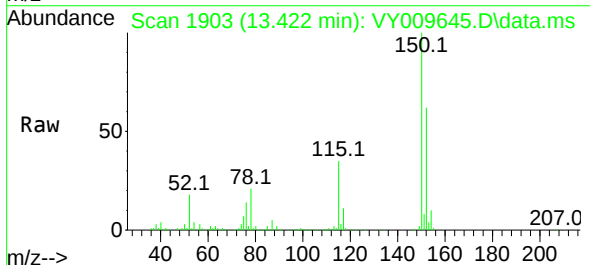
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-072122

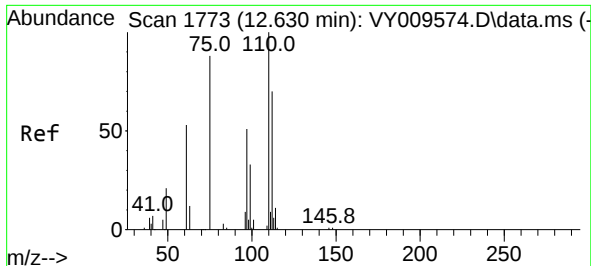
Tgt Ion:117 Resp: 454863
Ion Ratio Lower Upper
117 100
82 49.3 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009645.D
Acq: 21 Jul 2022 19:59

Tgt Ion:152 Resp: 214846
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 157.6 0.0 347.6

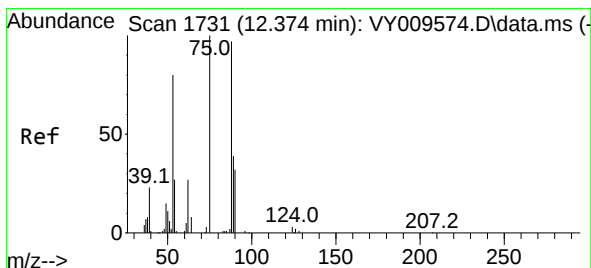
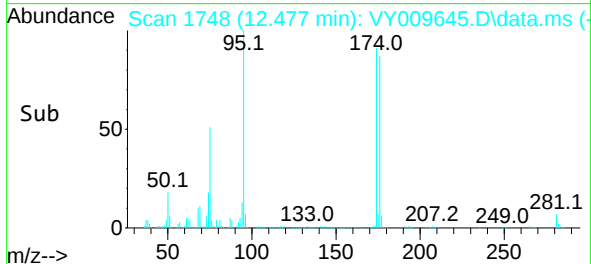
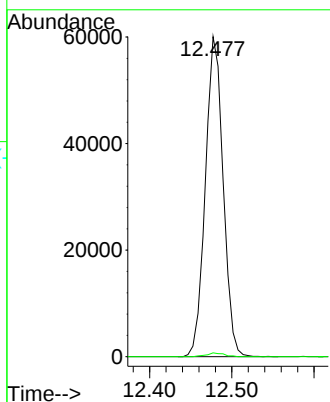
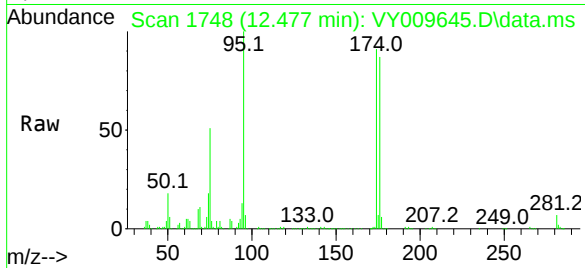




#76
1,2,3-Trichloropropane
Concen: 44.200 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009645.D
Acq: 21 Jul 2022 19:59

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-072122

Tgt Ion: 75 Resp: 90462
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.153 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009645.D
Acq: 21 Jul 2022 19:59

Tgt Ion: 75 Resp: 90462
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

