

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011114.D
 Acq On : 26 Oct 2022 14:27
 Operator : KP/MD
 Sample : N5281-03
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3

Quant Time: Oct 27 04:38:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

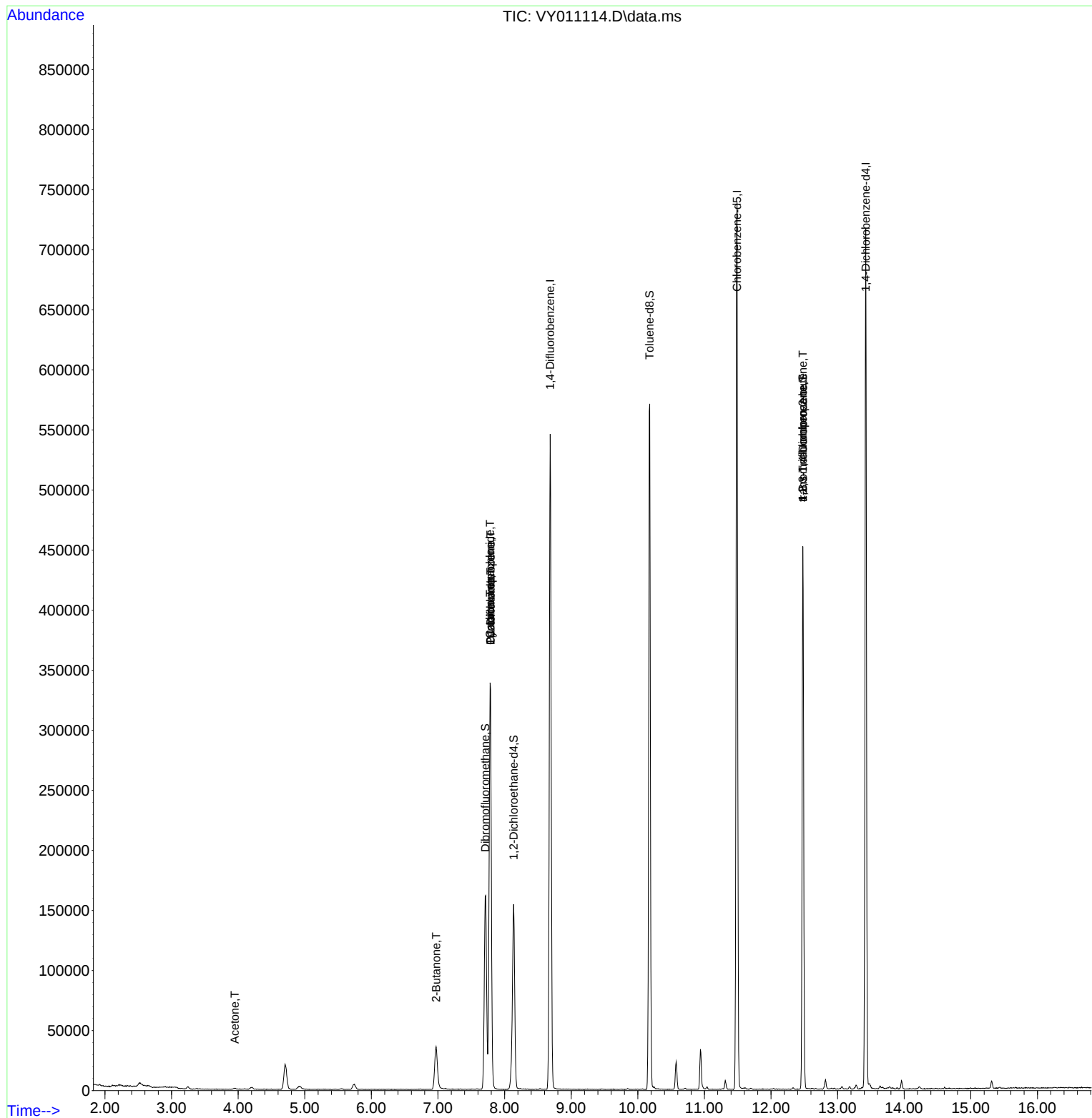
Internal Standards						
1) Pentafluorobenzene	7.789	168	266603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	470008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	415828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	109814	44.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.440%
35) Dibromofluoromethane	7.710	113	119542	45.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.860%
50) Toluene-d8	10.179	98	387861	39.522	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.040%
62) 4-Bromofluorobenzene	12.477	95	137236	38.789	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.580%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.905	59	1385	Below Cal	#	77
16) Acetone	3.948	43	1600	2.244	ug/l	97
18) Methyl Acetate	4.710	43	177	Below Cal	#	56
20) Methylene Chloride	4.704	84	16186	Below Cal	#	80
25) 2-Butanone	6.972	43	2239	2.070	ug/l	96
31) Cyclohexane	7.789	56	5105	1.086	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	20408	4.664	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	26672	5.905	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	68162	32.479	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	68162	69.854	ug/l	# 7

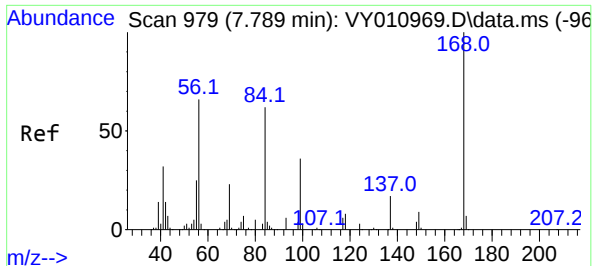
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

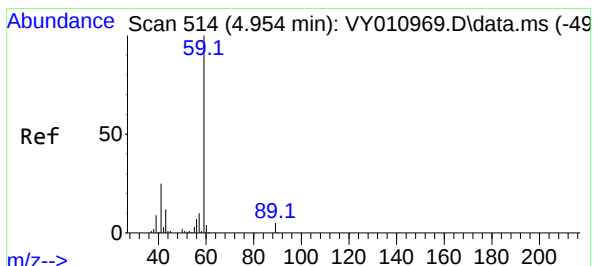
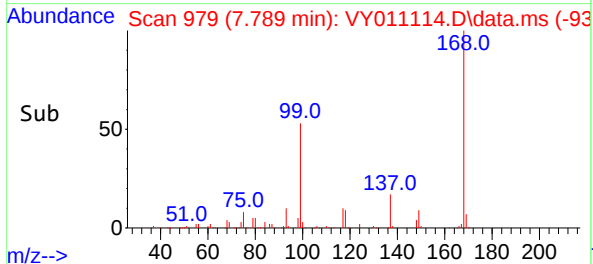
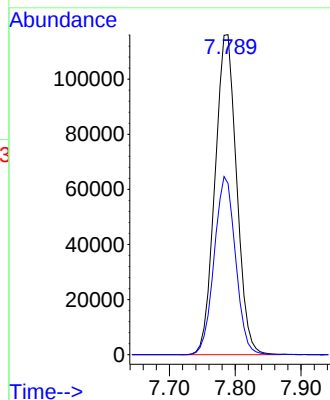
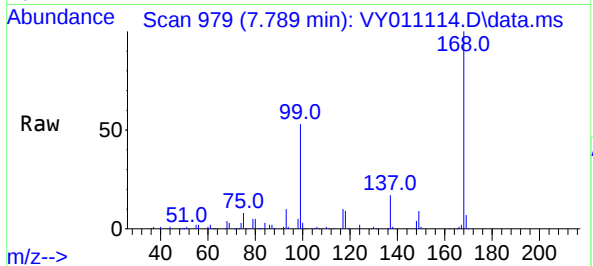




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011114.D
Acq: 26 Oct 2022 14:27

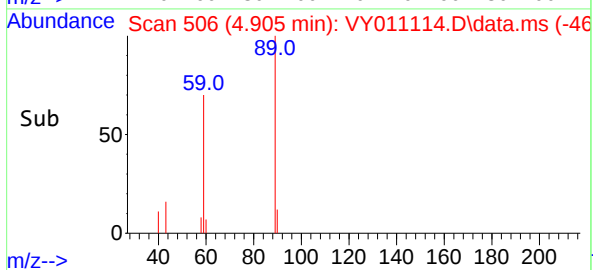
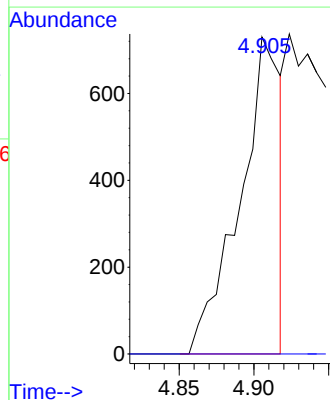
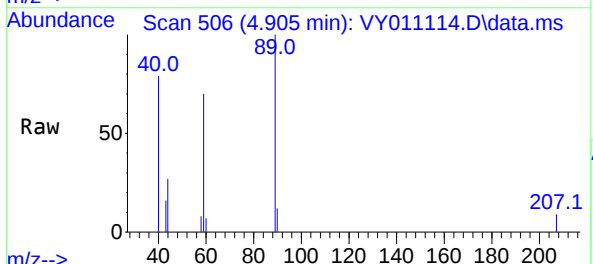
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

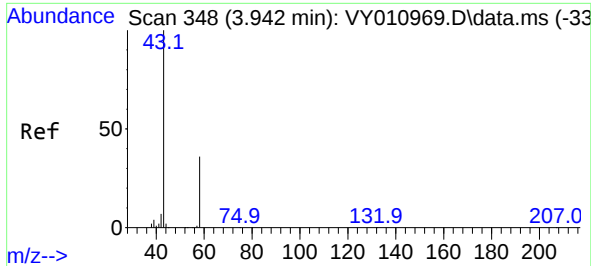
Tgt Ion:168 Resp: 266603
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.905 min Scan# 506
Delta R.T. -0.049 min
Lab File: VY011114.D
Acq: 26 Oct 2022 14:27

Tgt Ion: 59 Resp: 1385
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 2.244 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY011114.D

Acq: 26 Oct 2022 14:27

Instrument :

MSVOA_Y

ClientSampleId :

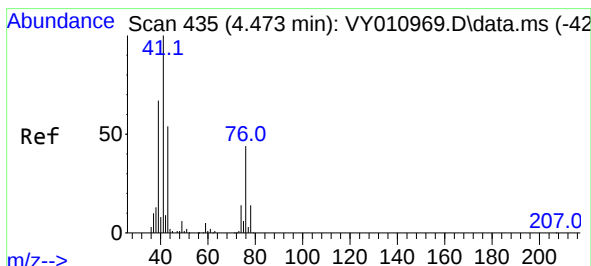
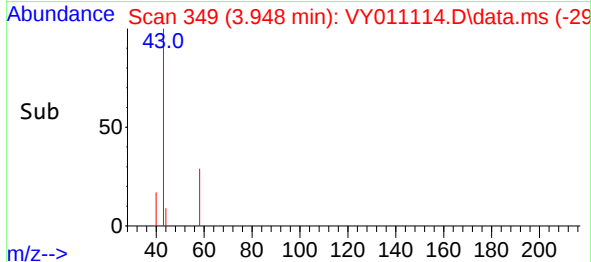
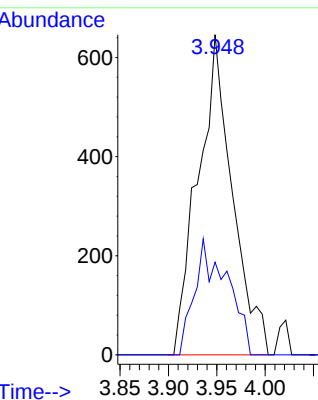
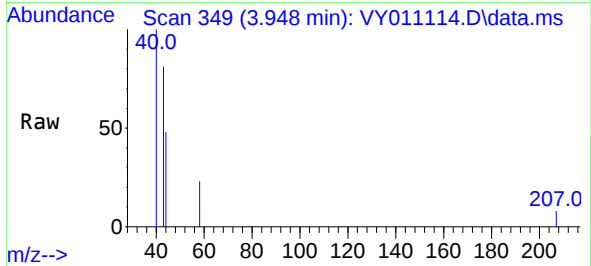
SB-3

Tgt Ion: 43 Resp: 1600

Ion Ratio Lower Upper

43 100

58 28.9 22.0 33.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. 0.237 min

Lab File: VY011114.D

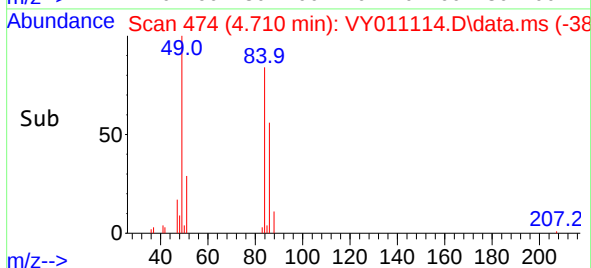
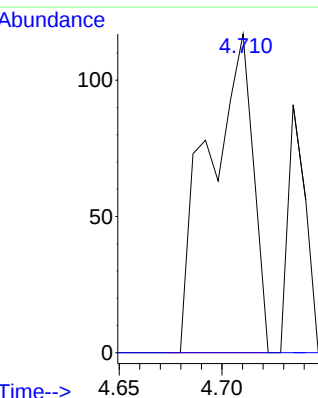
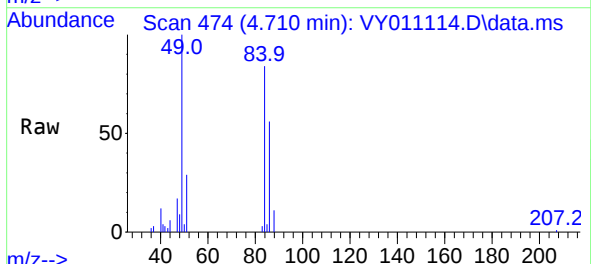
Acq: 26 Oct 2022 14:27

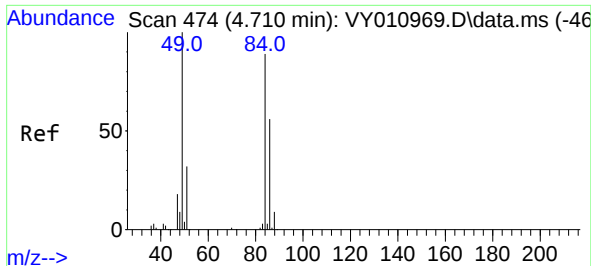
Tgt Ion: 43 Resp: 177

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#

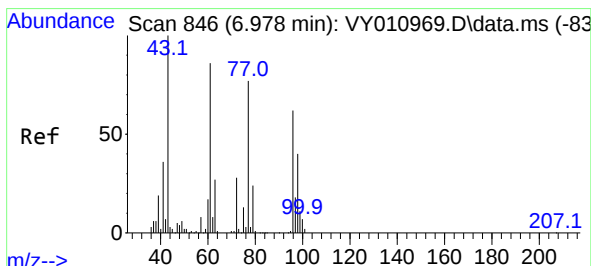
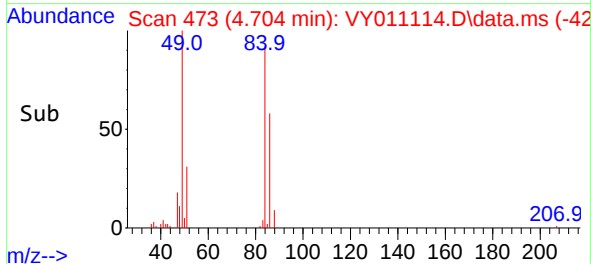
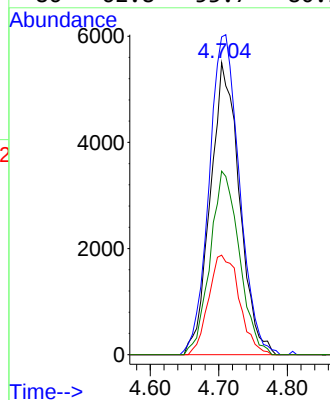
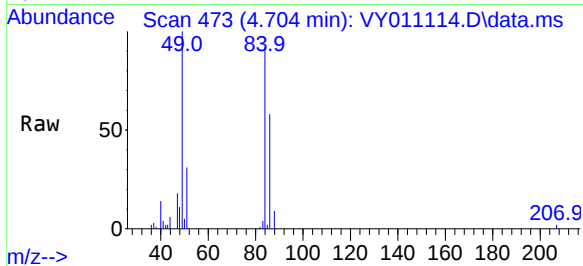




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011114.D
Acq: 26 Oct 2022 14:27

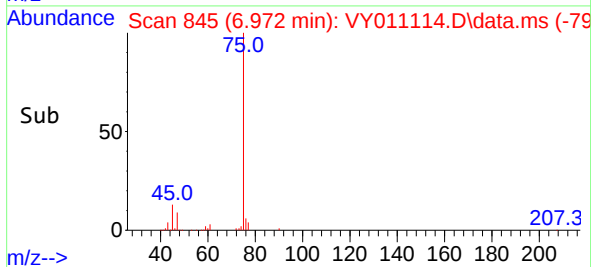
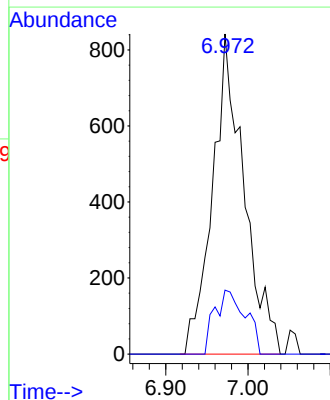
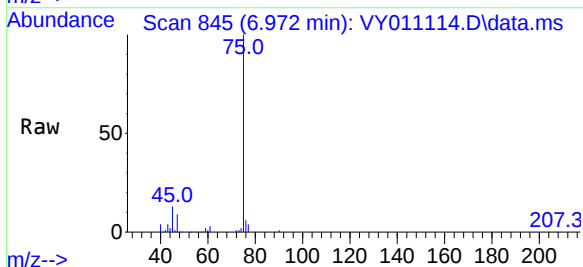
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

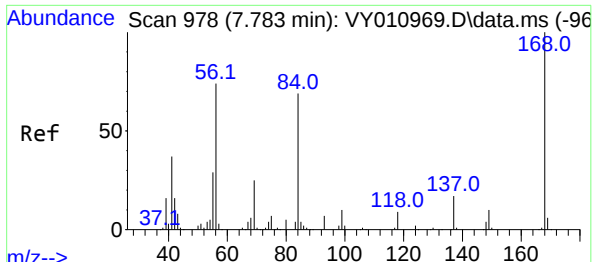
Tgt Ion: 84 Resp: 16186
Ion Ratio Lower Upper
84 100
49 108.8 114.4 171.6#
51 34.1 35.3 52.9#
86 62.8 53.7 80.5



#25
2-Butanone
Concen: 2.070 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011114.D
Acq: 26 Oct 2022 14:27

Tgt Ion: 43 Resp: 2239
Ion Ratio Lower Upper
43 100
72 20.0 17.7 26.5

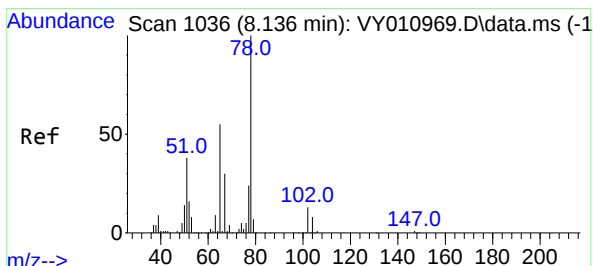
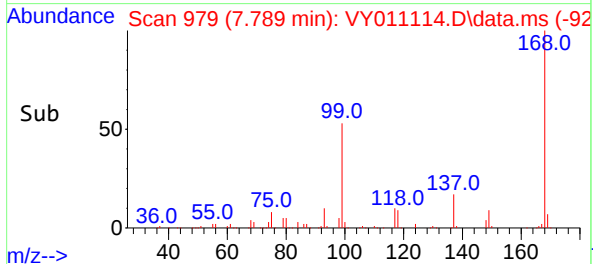
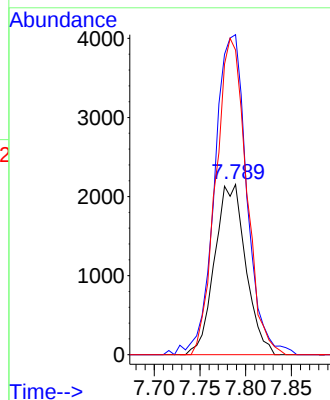
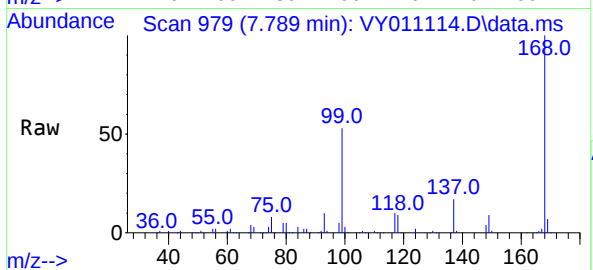




#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011114.D
Acq: 26 Oct 2022 14:27

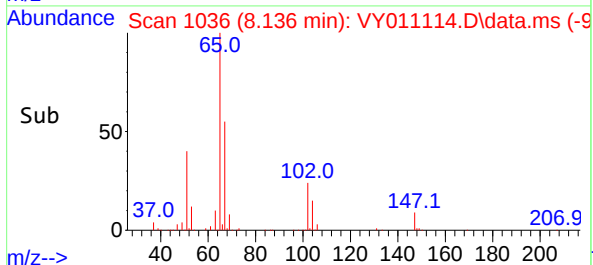
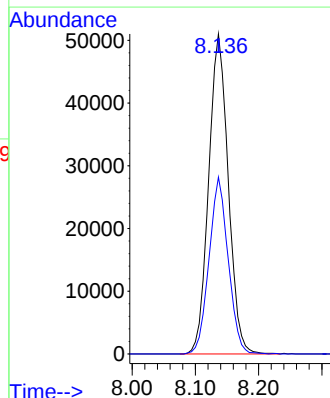
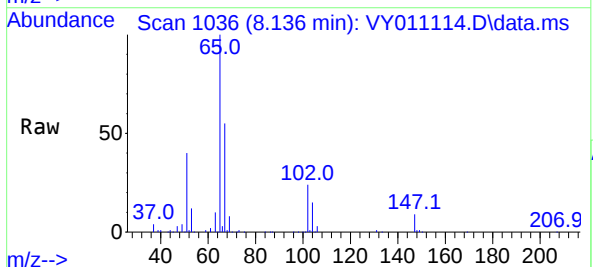
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

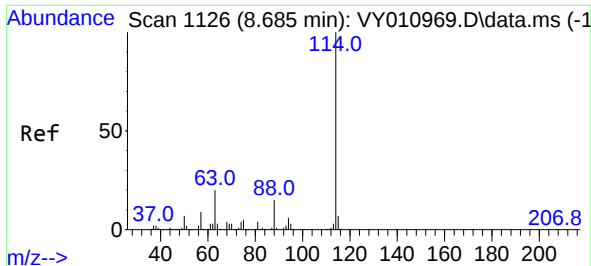
Tgt Ion: 56 Resp: 5105
Ion Ratio Lower Upper
56 100
69 182.8 26.7 40.1#
84 178.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 44.716 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011114.D
Acq: 26 Oct 2022 14:27

Tgt Ion: 65 Resp: 109814
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: VY011114.D

Acq: 26 Oct 2022 14:27

Instrument :

MSVOA_Y

ClientSampleId :

SB-3

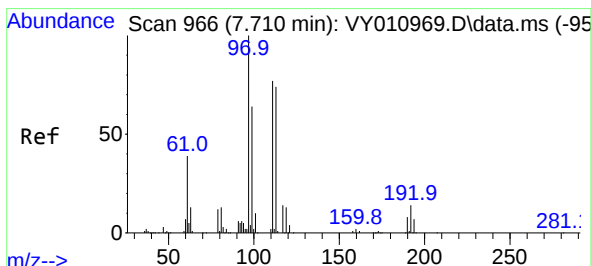
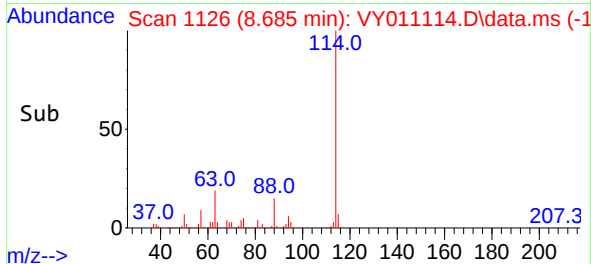
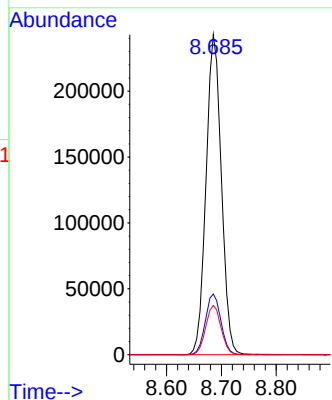
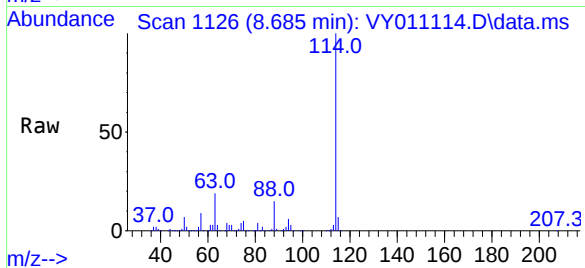
Tgt Ion:114 Resp: 470008

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.431 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011114.D

Acq: 26 Oct 2022 14:27

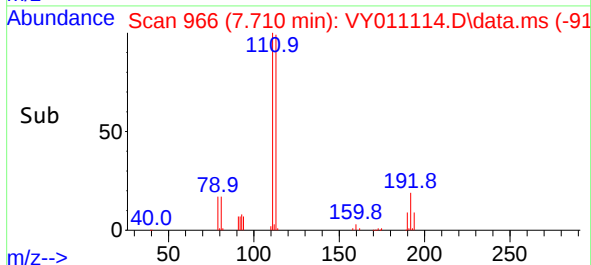
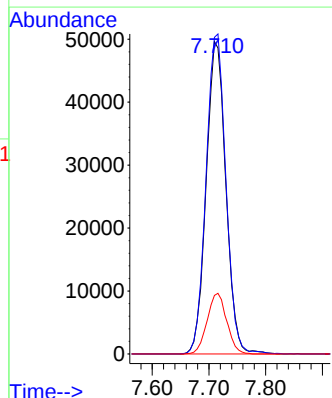
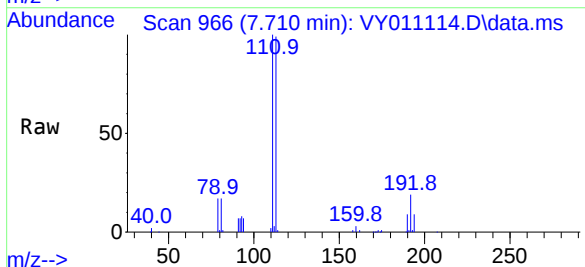
Tgt Ion:113 Resp: 119542

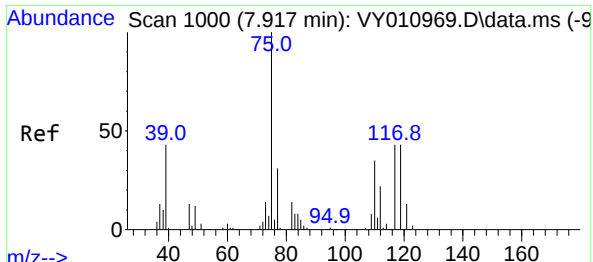
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 19.3 17.6 26.4

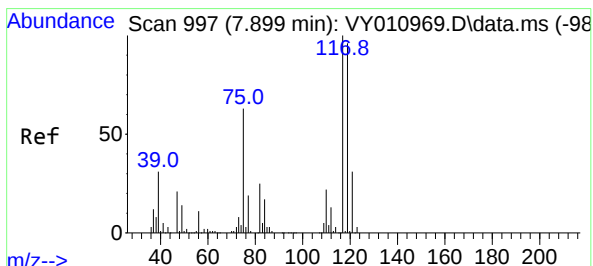
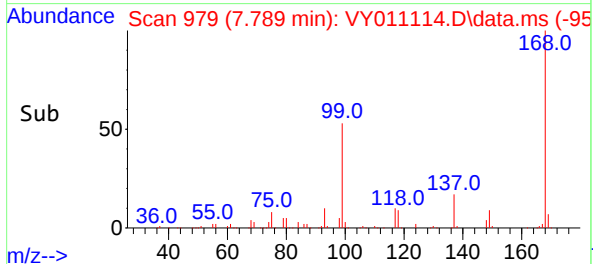
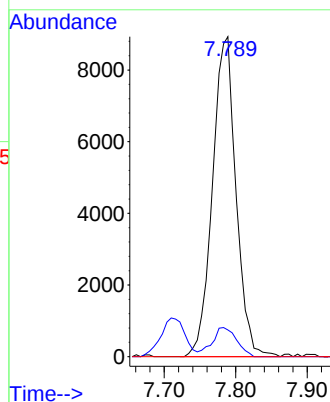
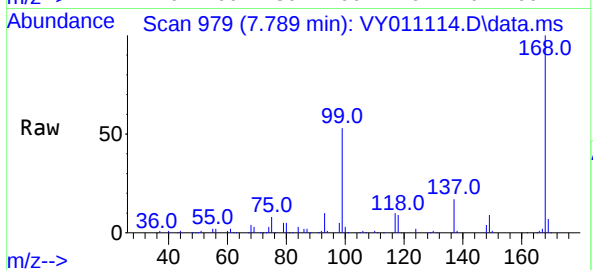




#36
1,1-Dichloropropene
Concen: 4.664 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011114.D
Acq: 26 Oct 2022 14:27

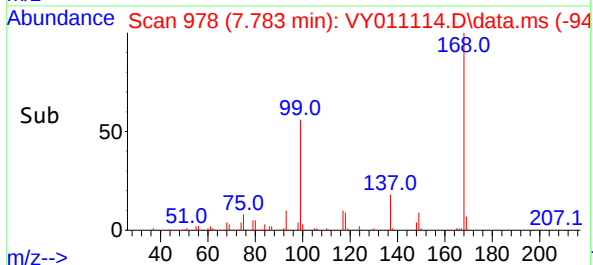
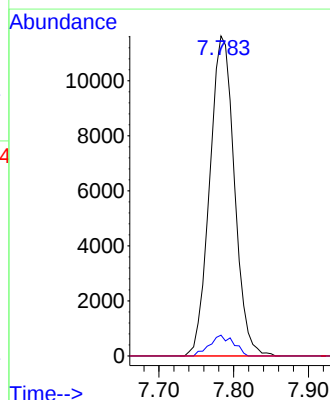
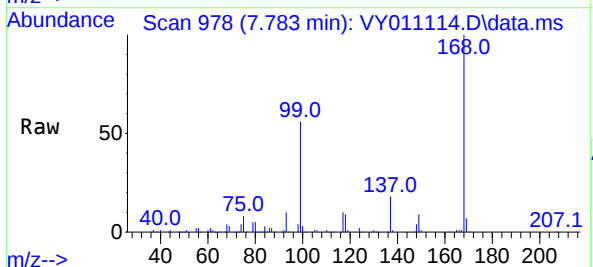
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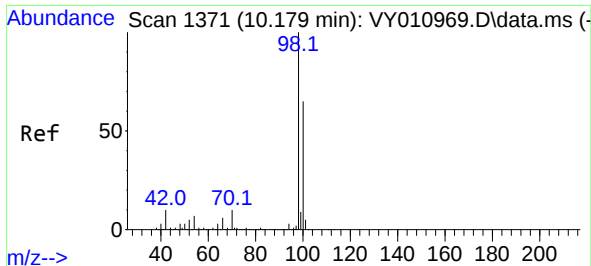
Tgt Ion: 75 Resp: 20408
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.905 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY011114.D
Acq: 26 Oct 2022 14:27

Tgt Ion: 117 Resp: 26672
Ion Ratio Lower Upper
117 100
119 6.5 77.9 116.9#
121 0.0 24.8 37.2#

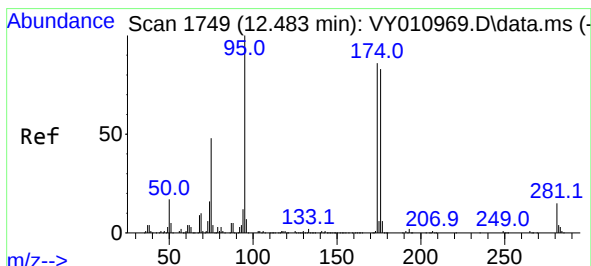
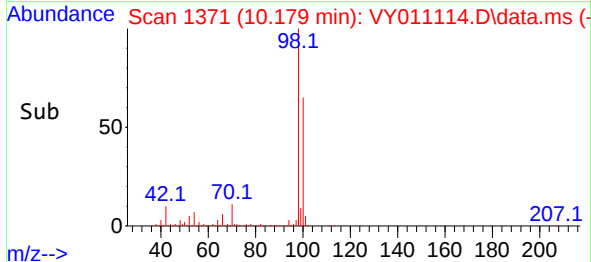
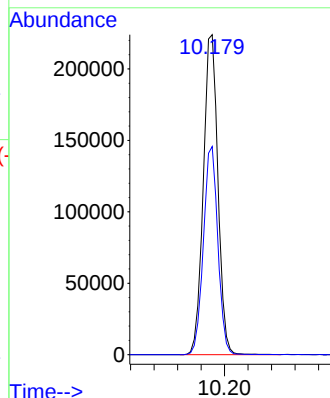
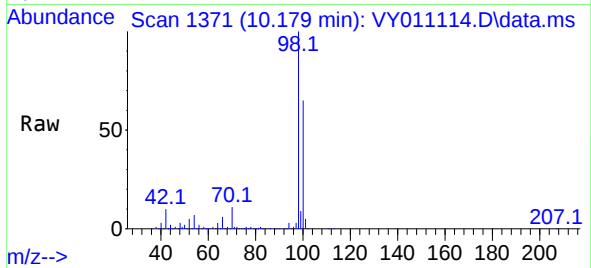




#50
Toluene-d8
Concen: 39.522 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011114.D
Acq: 26 Oct 2022 14:27

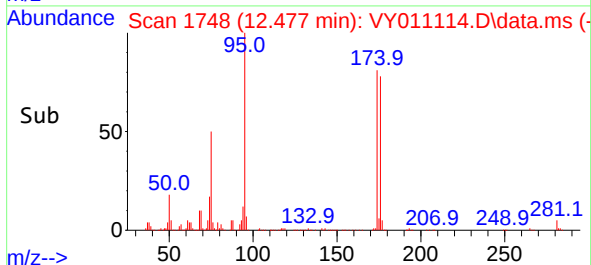
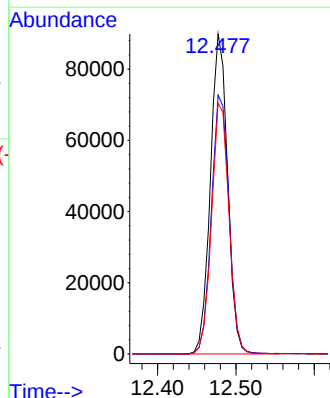
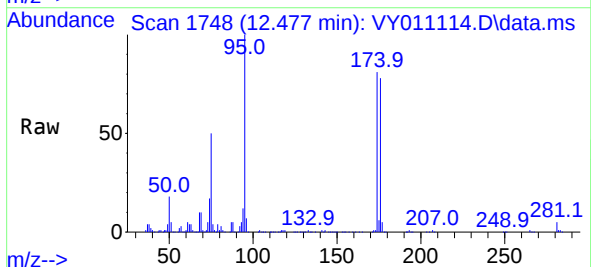
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

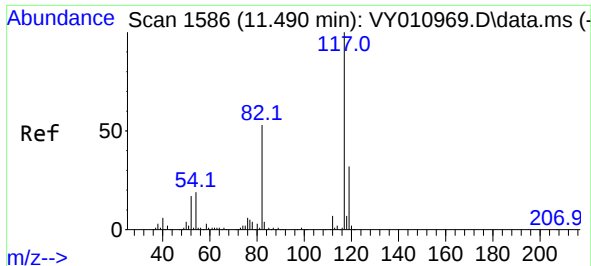
Tgt Ion: 98 Resp: 387861
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.789 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011114.D
Acq: 26 Oct 2022 14:27

Tgt Ion: 95 Resp: 137236
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 79.3 0.0 175.8

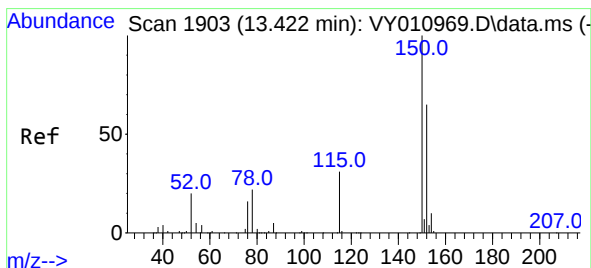
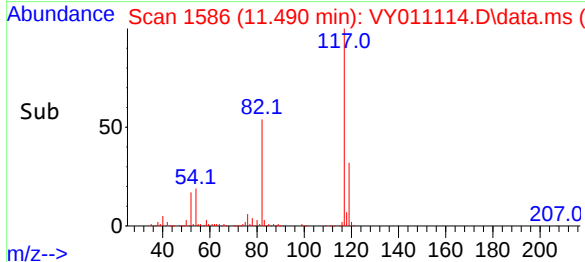
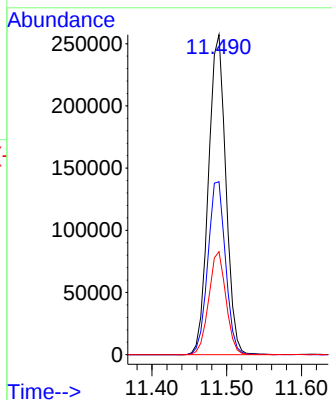
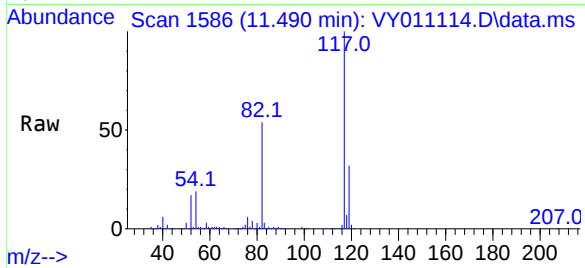




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011114.D
Acq: 26 Oct 2022 14:27

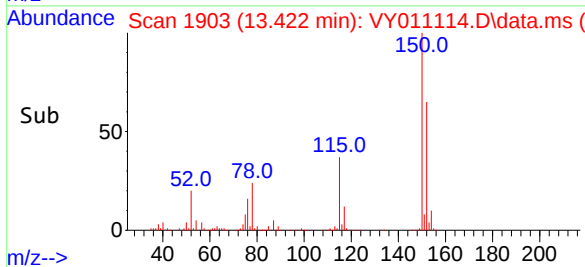
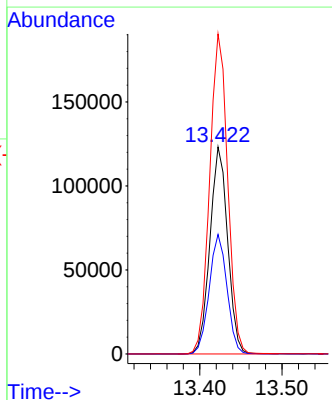
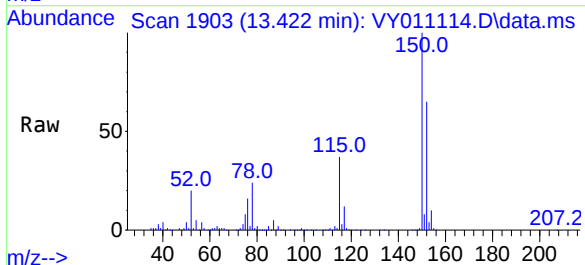
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

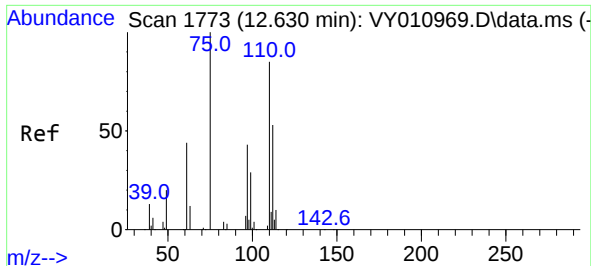
Tgt Ion:117 Resp: 415828
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011114.D
Acq: 26 Oct 2022 14:27

Tgt Ion:152 Resp: 184849
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 156.9 0.0 347.6

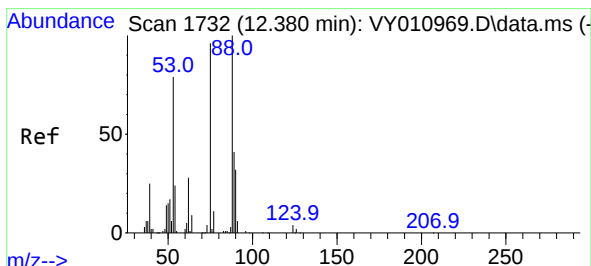
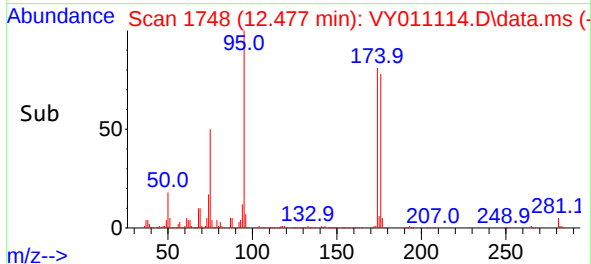
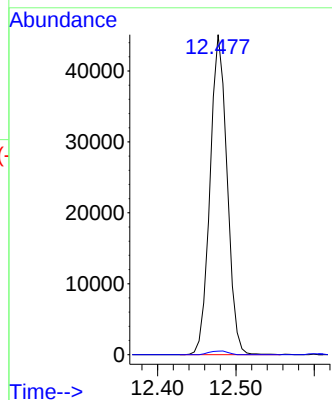
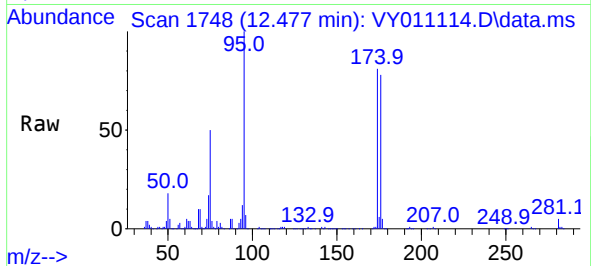




#76
1,2,3-Trichloropropane
Concen: 32.479 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY011114.D
Acq: 26 Oct 2022 14:27

Instrument :
MSVOA_Y
ClientSampleId :
SB-3

Tgt Ion: 75 Resp: 68162
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.854 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011114.D
Acq: 26 Oct 2022 14:27

Tgt Ion: 75 Resp: 68162
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

