

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011116.D
 Acq On : 26 Oct 2022 15:12
 Operator : KP/MD
 Sample : N5281-05
 Misc : 5.70g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5S

Quant Time: Oct 27 04:39:20 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)

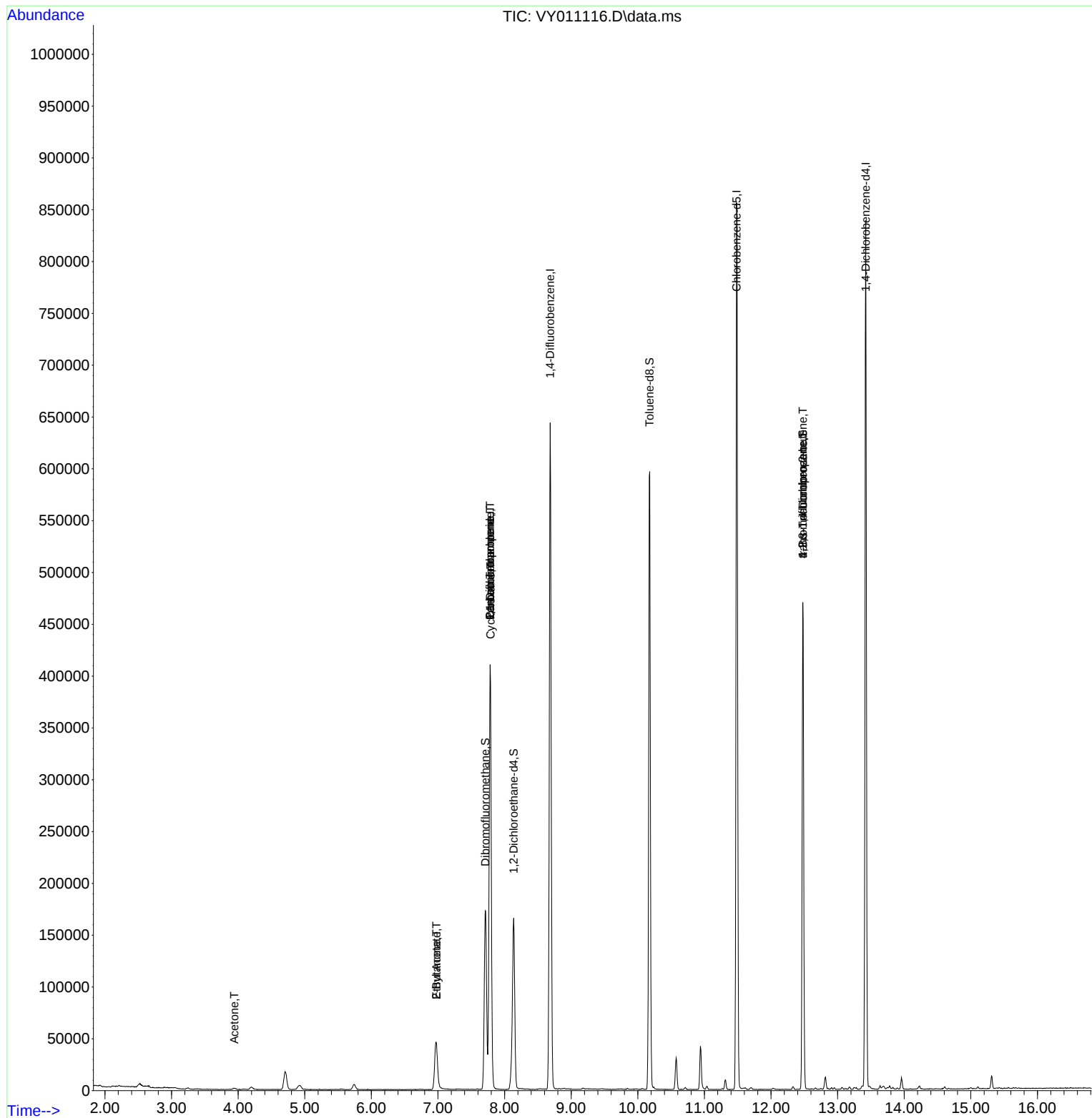
Internal Standards						
1) Pentafluorobenzene	7.783	168	318202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	554712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	483865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	212886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	118608	40.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.940%
35) Dibromofluoromethane	7.709	113	128308	41.112	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.220%
50) Toluene-d8	10.179	98	404027	34.883	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	69.760%
62) 4-Bromofluorobenzene	12.477	95	142955	33.851	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.700%
Target Compounds						
11) Tert butyl alcohol	4.917	59	4682	Below Cal	#	77
16) Acetone	3.942	43	2290	2.690	ug/l #	86
18) Methyl Acetate	4.210	43	903	Below Cal	#	56
20) Methylene Chloride	4.710	84	14201	Below Cal	#	78
25) 2-Butanone	6.978	43	3281	2.542	ug/l #	87
31) Cyclohexane	7.789	56	6159	1.098	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	24543	4.753	ug/l #	50
37) Ethyl Acetate	6.978	43	3281	1.148	ug/l #	1
38) Carbon Tetrachloride	7.783	117	31572	5.923	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	70701	29.252	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	70701	62.914	ug/l #	7

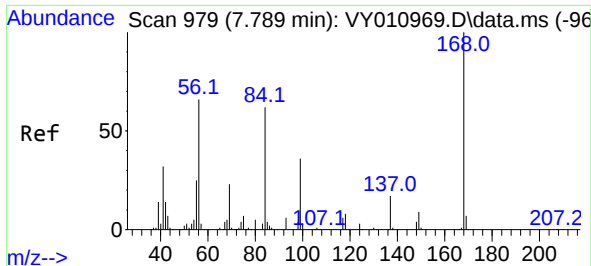
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

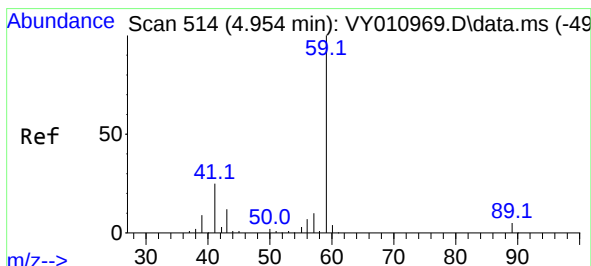
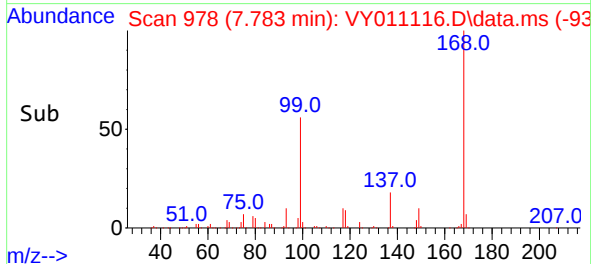
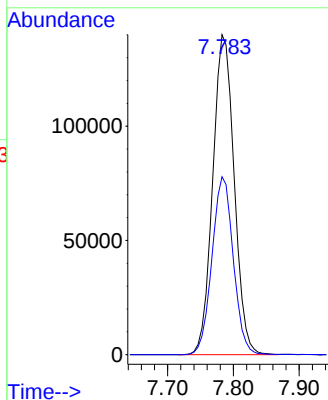
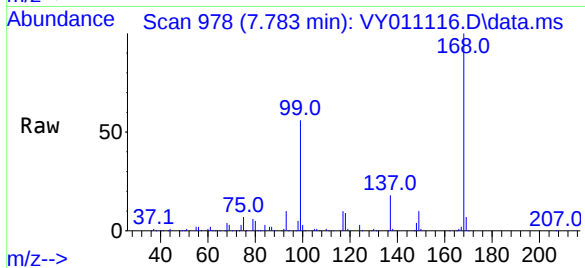




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011116.D
Acq: 26 Oct 2022 15:12

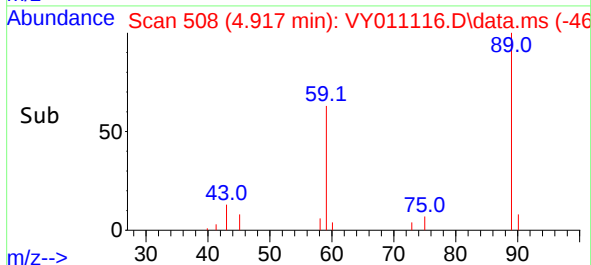
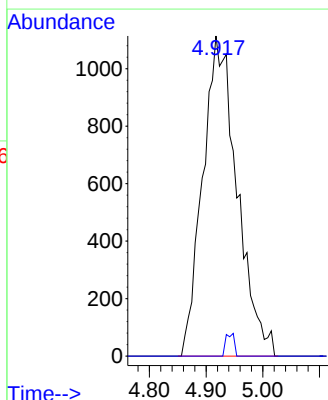
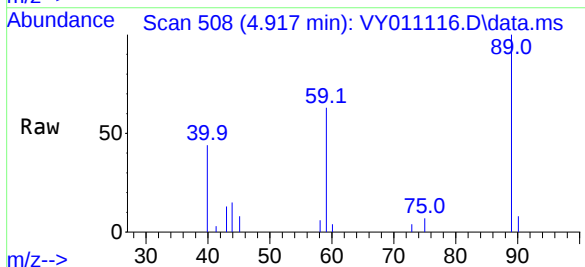
Instrument :
MSVOA_Y
ClientSampleId :
SB-5S

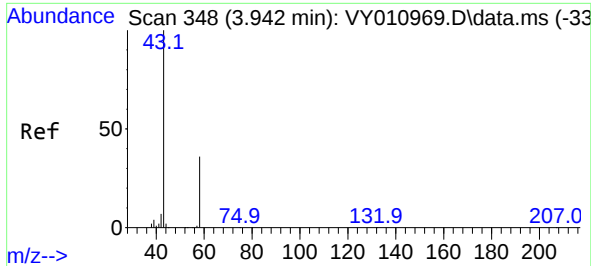
Tgt Ion:168 Resp: 318202
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.037 min
Lab File: VY011116.D
Acq: 26 Oct 2022 15:12

Tgt Ion: 59 Resp: 4682
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 2.690 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY011116.D

Acq: 26 Oct 2022 15:12

Instrument :

MSVOA_Y

ClientSampleId :

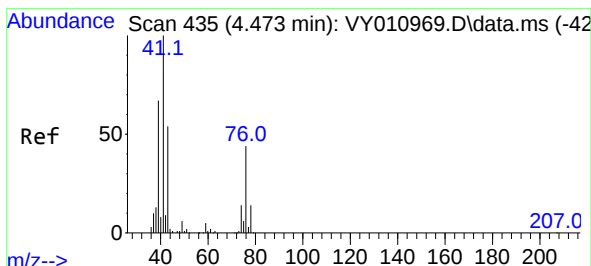
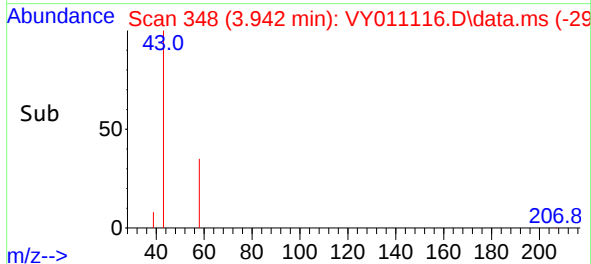
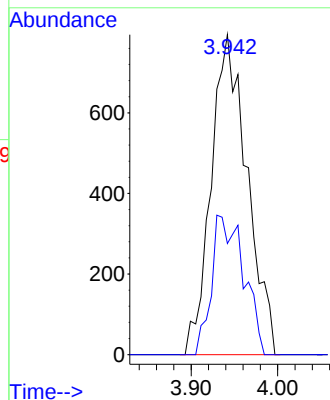
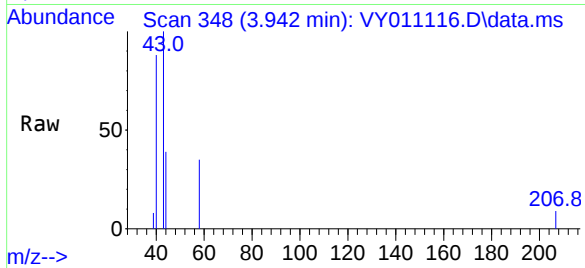
SB-5S

Tgt Ion: 43 Resp: 2290

Ion Ratio Lower Upper

43 100

58 34.8 22.0 33.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.210 min Scan# 392

Delta R.T. -0.263 min

Lab File: VY011116.D

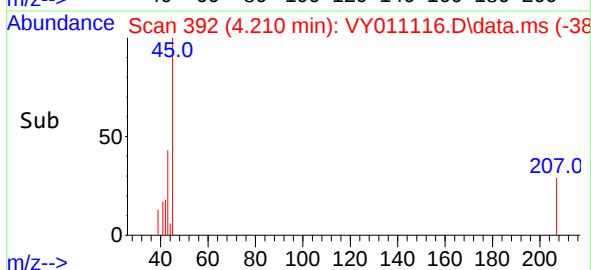
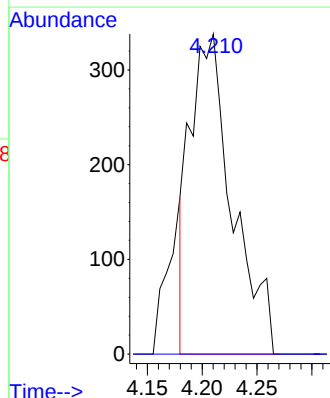
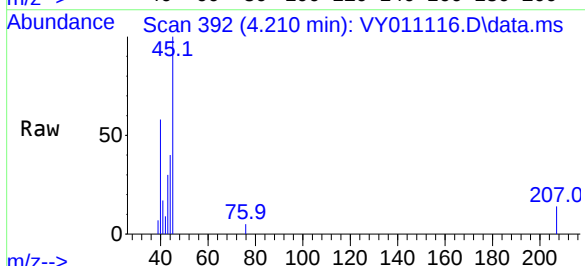
Acq: 26 Oct 2022 15:12

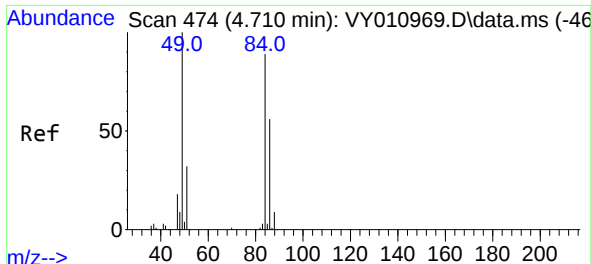
Tgt Ion: 43 Resp: 903

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#

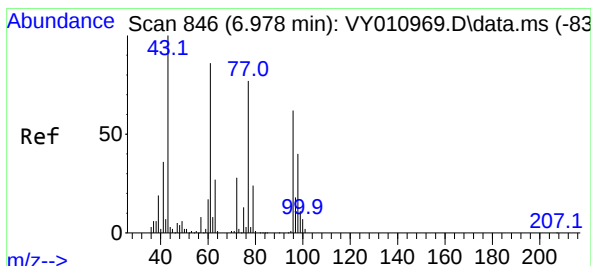
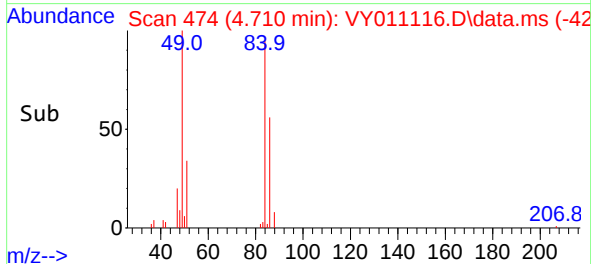
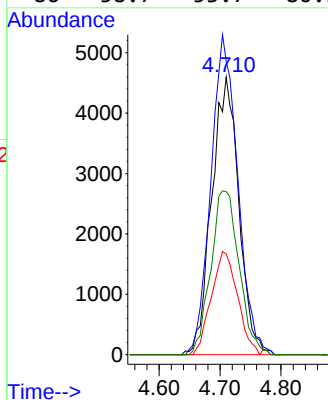
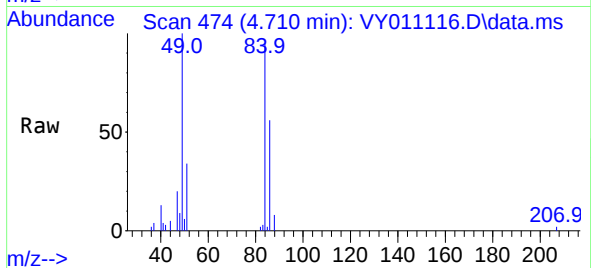




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011116.D
Acq: 26 Oct 2022 15:12

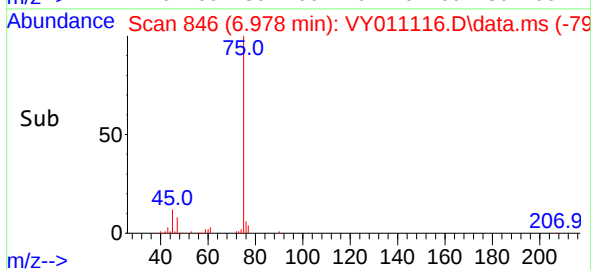
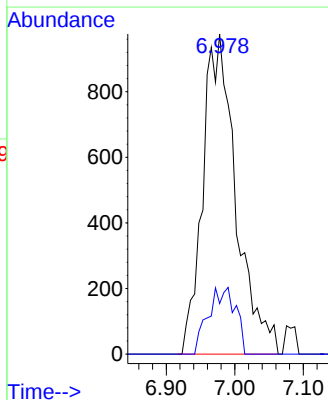
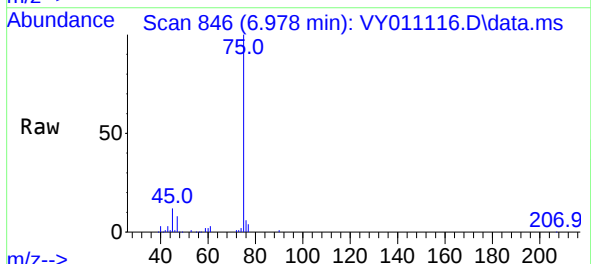
Instrument :
MSVOA_Y
ClientSampleId :
SB-5S

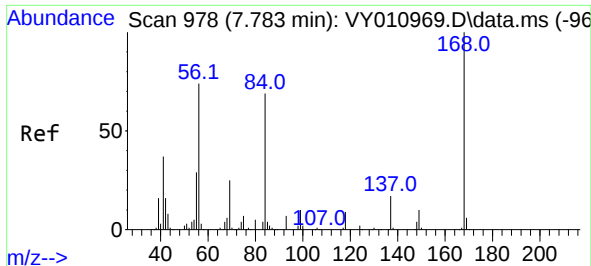
Tgt Ion: 84 Resp: 14201
Ion Ratio Lower Upper
84 100
49 105.7 114.4 171.6#
51 36.3 35.3 52.9
86 58.7 53.7 80.5



#25
2-Butanone
Concen: 2.542 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY011116.D
Acq: 26 Oct 2022 15:12

Tgt Ion: 43 Resp: 3281
Ion Ratio Lower Upper
43 100
72 15.8 17.7 26.5#

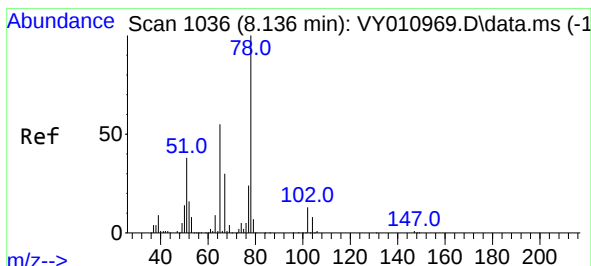
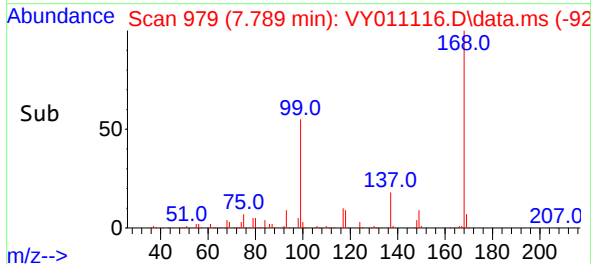
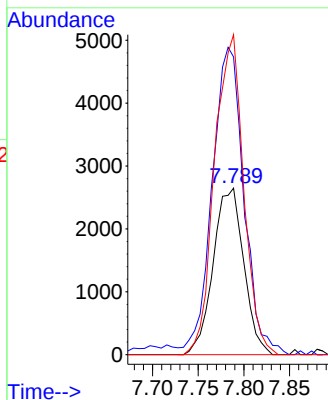
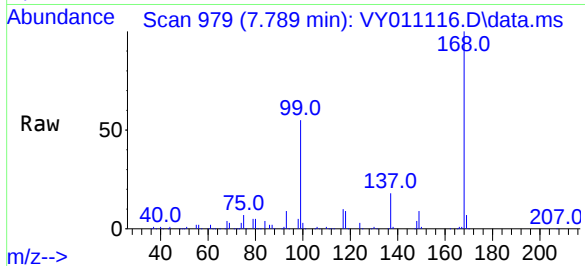




#31
Cyclohexane
Concen: 1.098 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011116.D
Acq: 26 Oct 2022 15:12

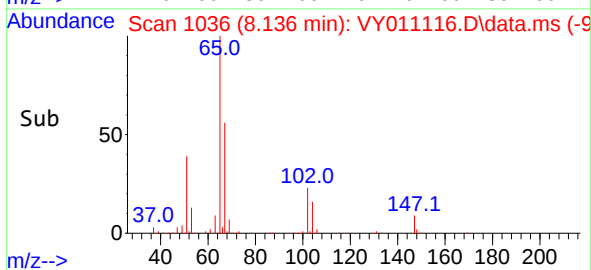
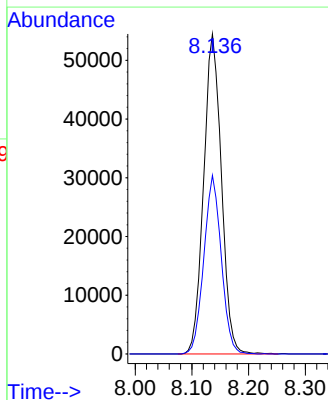
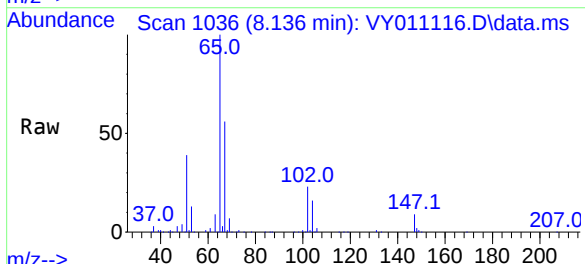
Instrument :
MSVOA_Y
ClientSampleId :
SB-5S

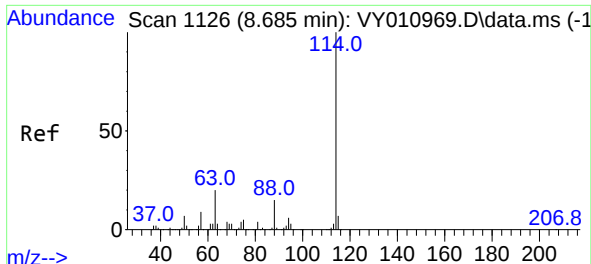
Tgt Ion: 56 Resp: 6159
Ion Ratio Lower Upper
56 100
69 174.7 26.7 40.1#
84 192.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 40.465 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011116.D
Acq: 26 Oct 2022 15:12

Tgt Ion: 65 Resp: 118608
Ion Ratio Lower Upper
65 100
67 54.7 0.0 99.4



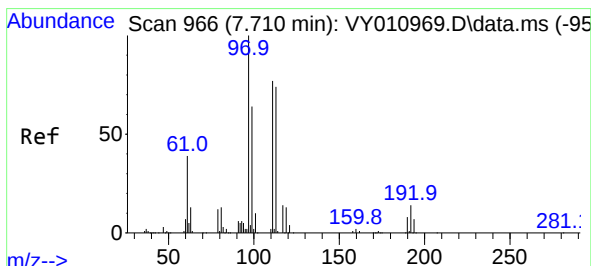
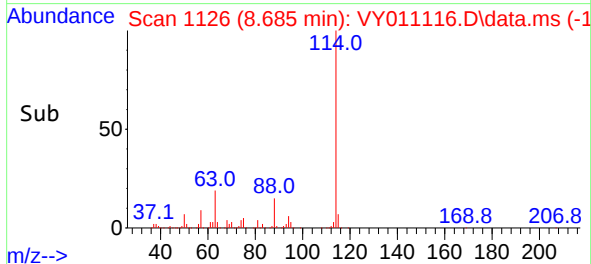
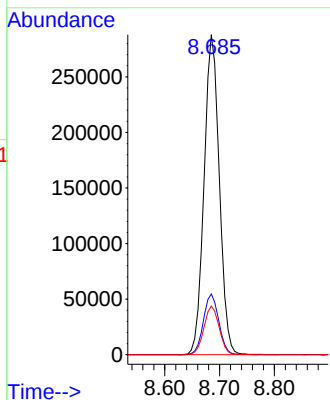
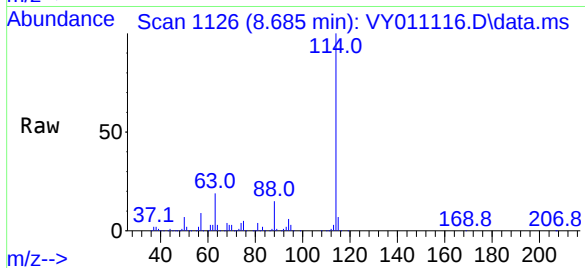


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY011116.D
Acq: 26 Oct 2022 15:12

Instrument :
MSVOA_Y
ClientSampleId :
SB-5S

Tgt Ion:114 Resp: 554712

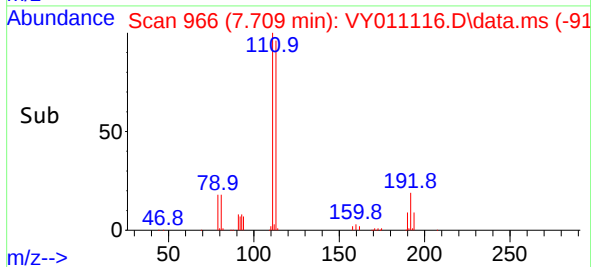
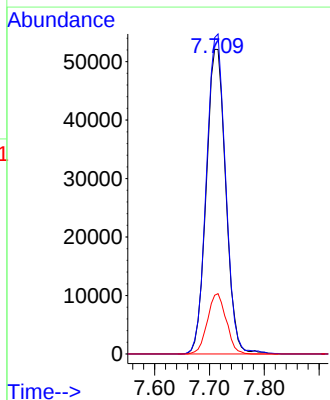
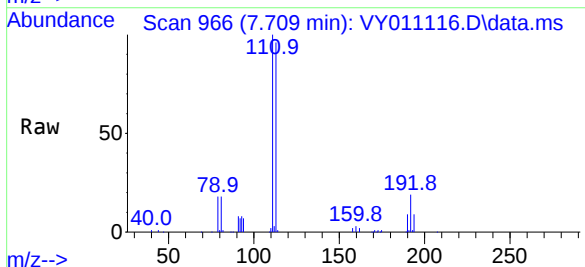
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	43.2
88	15.2	0.0	31.8

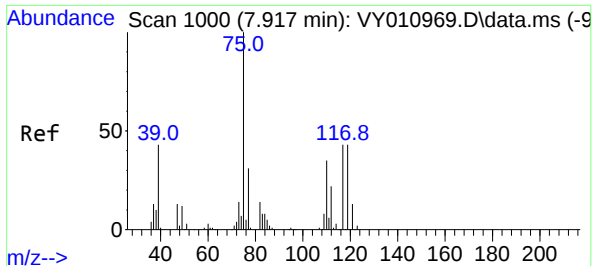


#35
Dibromofluoromethane
Concen: 41.112 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.001 min
Lab File: VY011116.D
Acq: 26 Oct 2022 15:12

Tgt Ion:113 Resp: 128308

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	19.1	17.6	26.4

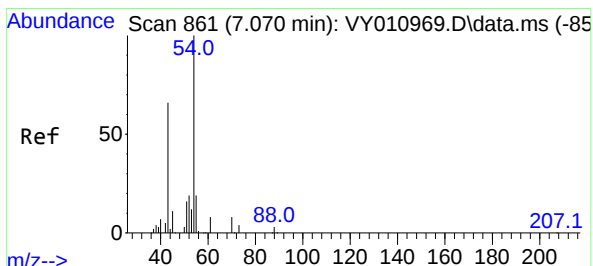
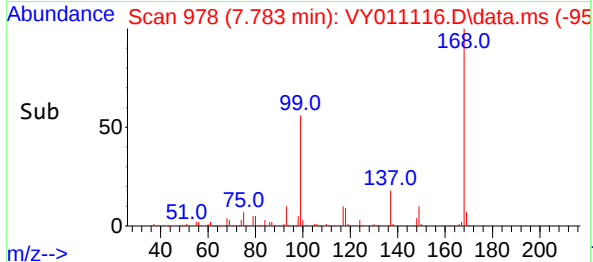
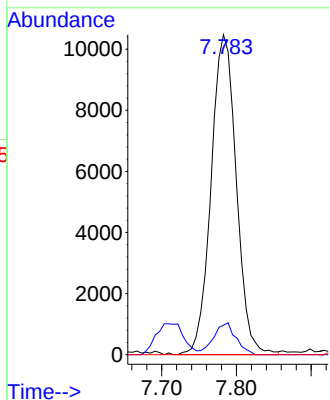
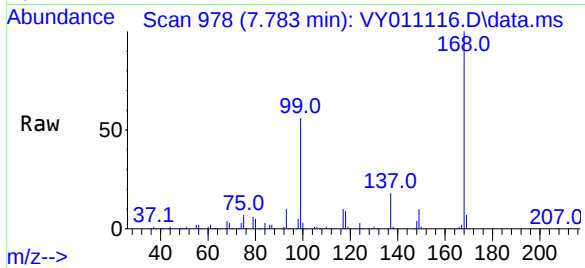




#36
1,1-Dichloropropene
Concen: 4.753 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011116.D
Acq: 26 Oct 2022 15:12

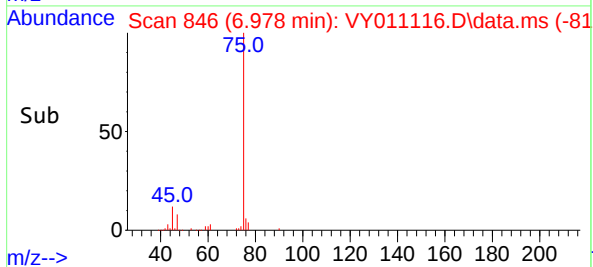
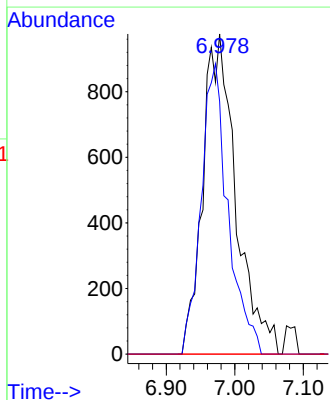
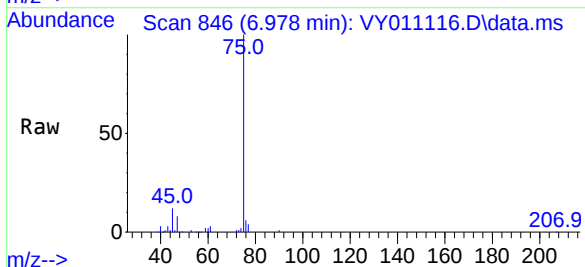
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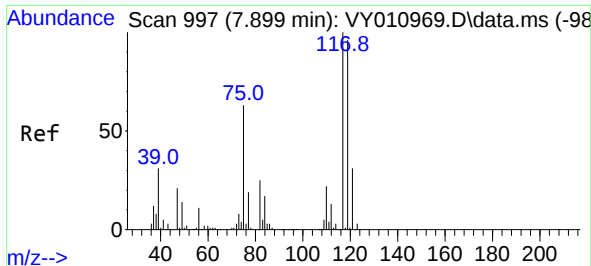
Tgt Ion: 75 Resp: 24543
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.148 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY011116.D
Acq: 26 Oct 2022 15:12

Tgt Ion: 43 Resp: 3281
Ion Ratio Lower Upper
43 100
61 73.8 9.7 14.5#
70 0.0 7.1 10.7#

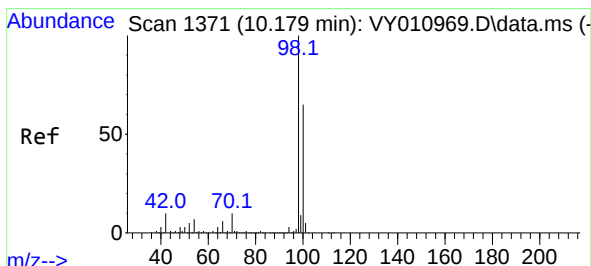
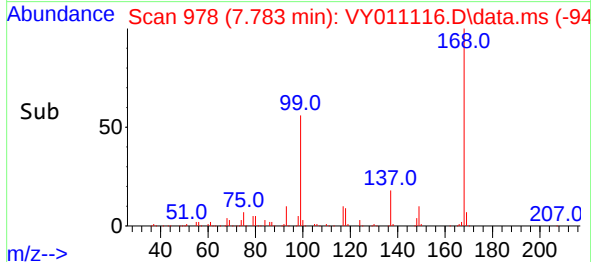
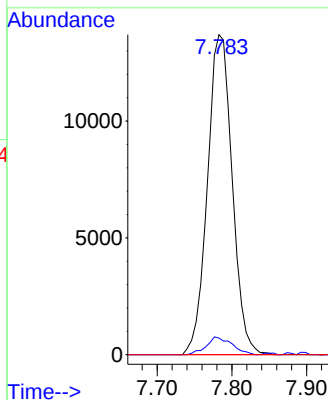
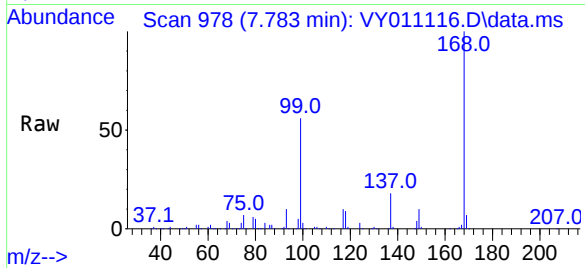




#38
Carbon Tetrachloride
Concen: 5.923 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011116.D
Acq: 26 Oct 2022 15:12

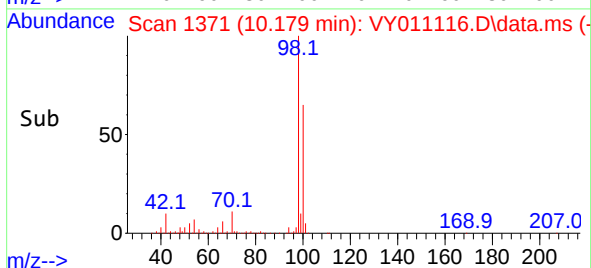
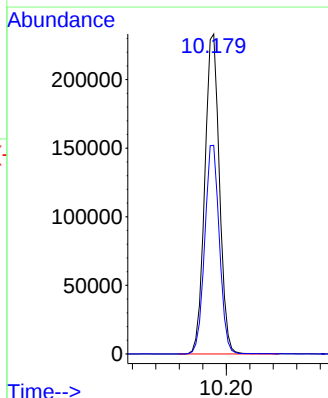
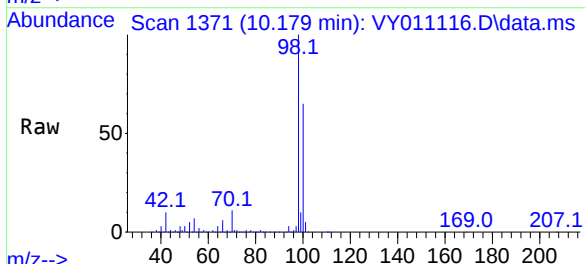
Instrument :
MSVOA_Y
ClientSampleId :
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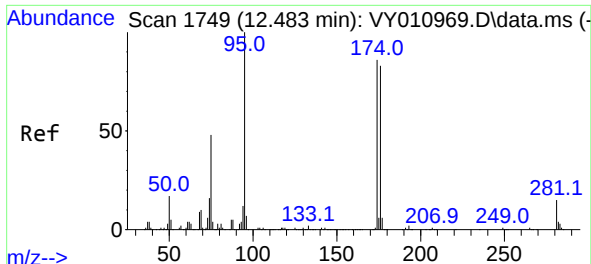
Tgt Ion:117 Resp: 31572
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 34.883 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011116.D
Acq: 26 Oct 2022 15:12

Tgt Ion: 98 Resp: 404027
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

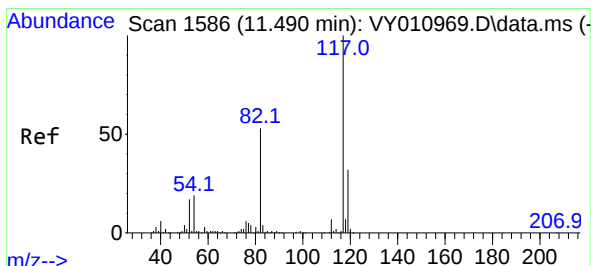
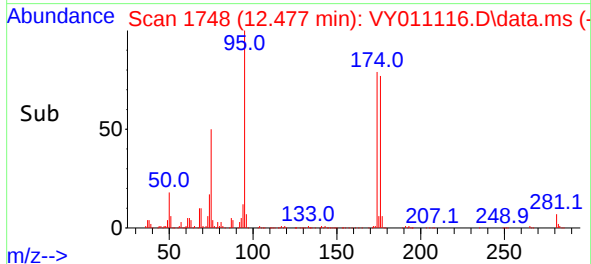
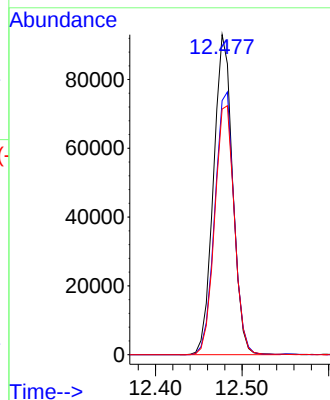
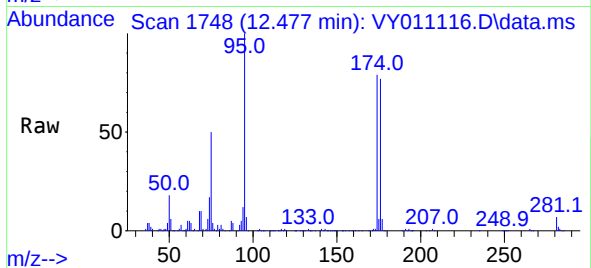




#62
4-Bromofluorobenzene
Concen: 33.851 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011116.D
Acq: 26 Oct 2022 15:12

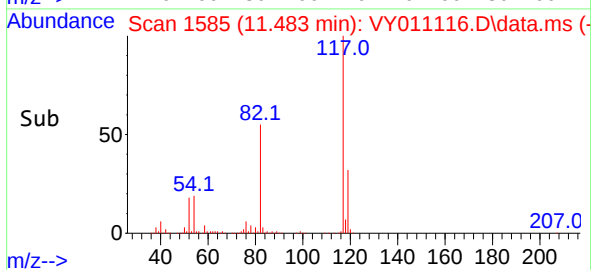
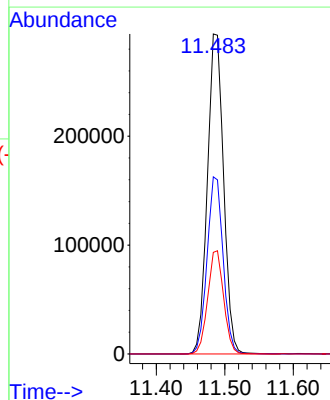
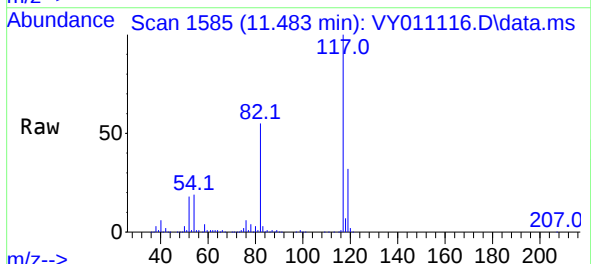
Instrument :
MSVOA_Y
ClientSampleId :
SB-5S

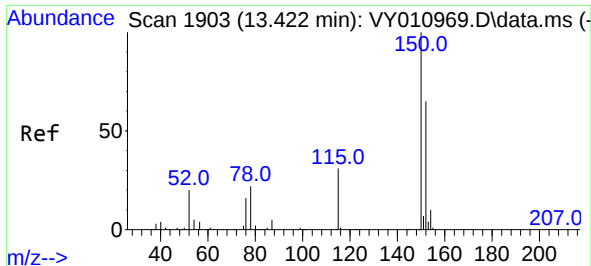
Tgt Ion: 95 Resp: 142955
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 79.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.007 min
Lab File: VY011116.D
Acq: 26 Oct 2022 15:12

Tgt Ion: 117 Resp: 483865
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 31.8 25.4 38.0

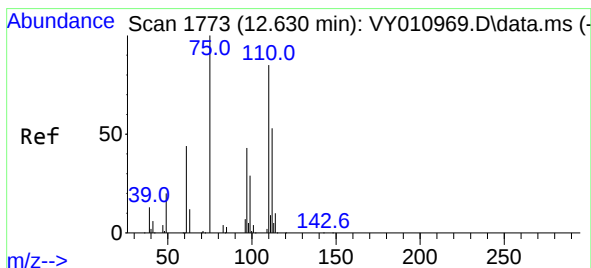
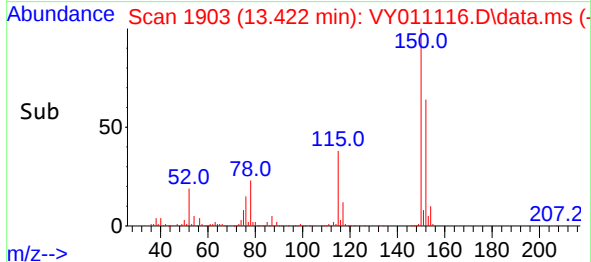
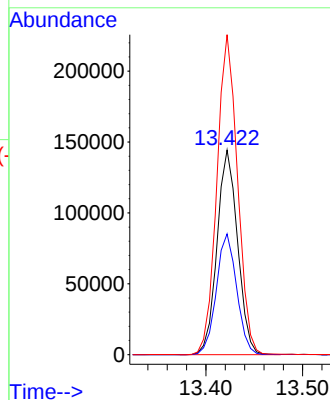
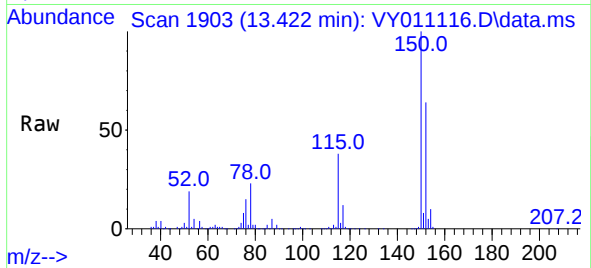




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011116.D
Acq: 26 Oct 2022 15:12

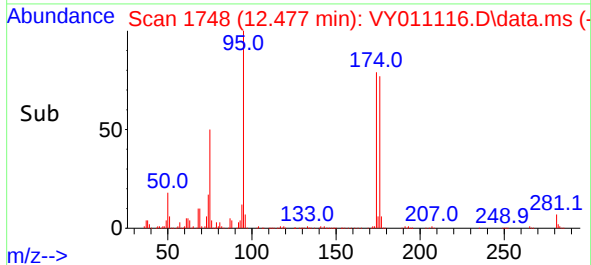
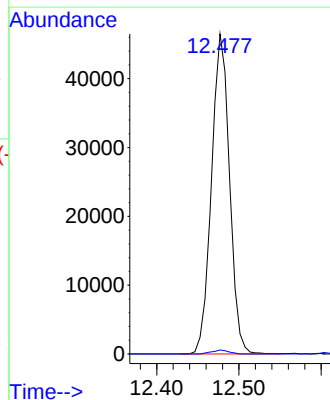
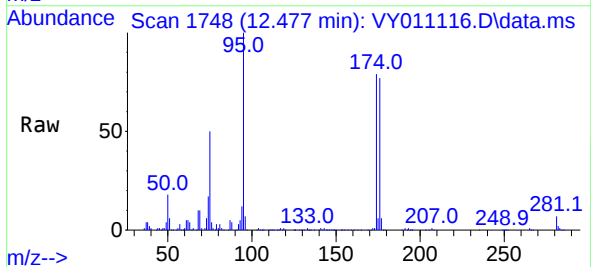
Instrument :
MSVOA_Y
ClientSampleId :
SB-5S

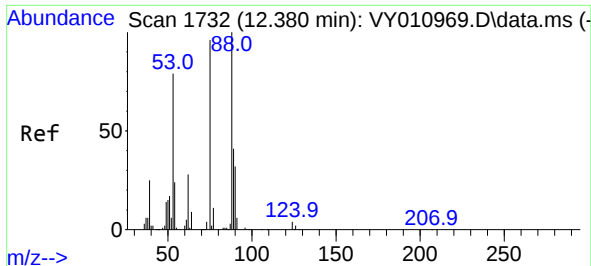
Tgt Ion:152 Resp: 212886
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 157.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 29.252 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011116.D
Acq: 26 Oct 2022 15:12

Tgt Ion: 75 Resp: 70701
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.914 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY011116.D
 Acq: 26 Oct 2022 15:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5S

Tgt Ion: 75 Resp: 70701
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

