

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011115.D
 Acq On : 26 Oct 2022 14:50
 Operator : KP/MD
 Sample : N5281-04
 Misc : 6.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

Quant Time: Oct 27 04:39:08 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)

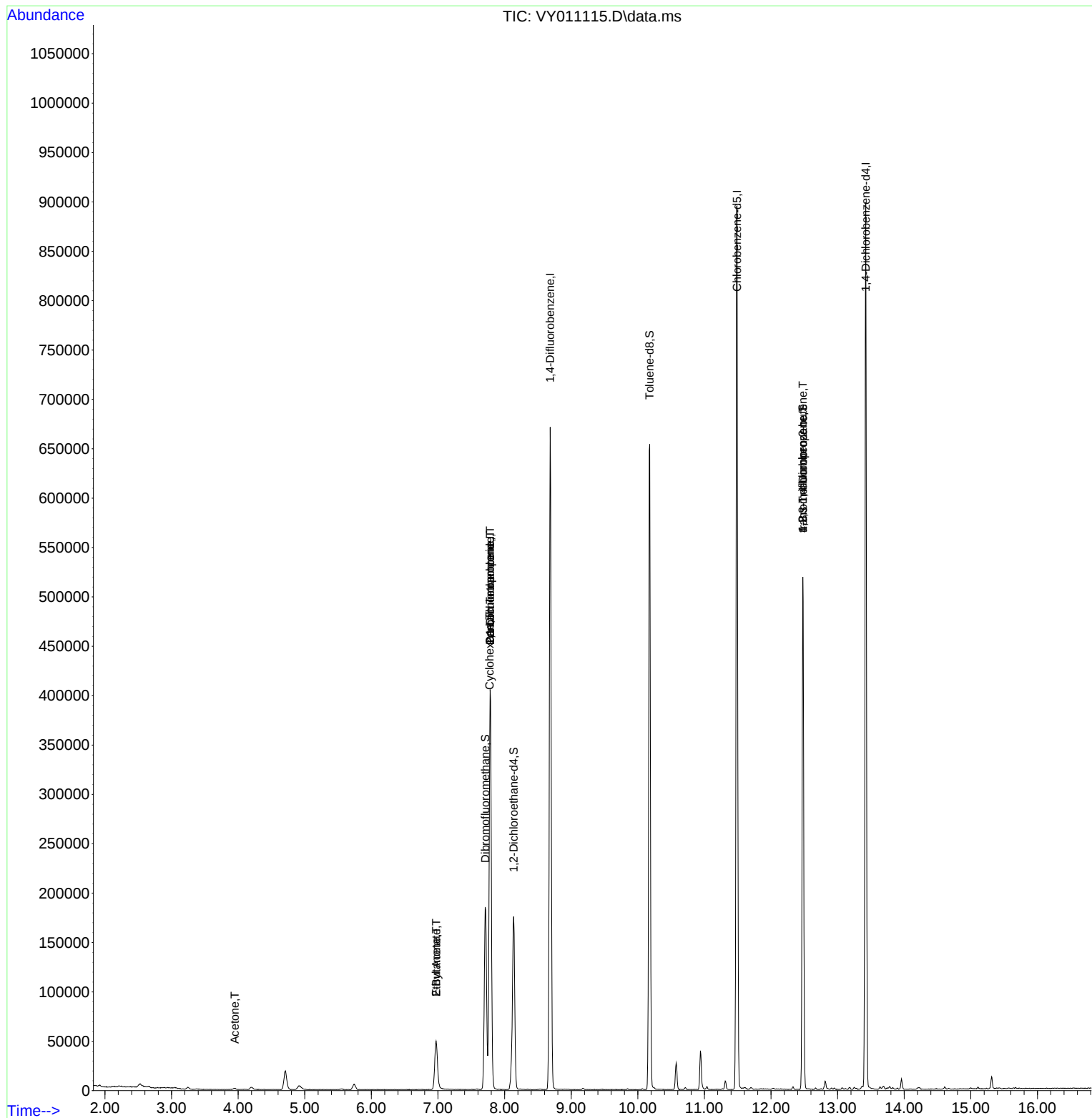
Internal Standards						
1) Pentafluorobenzene	7.783	168	320968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	572592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	509600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	228537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126466	42.774	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.540%
35) Dibromofluoromethane	7.710	113	136483	42.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.860%
50) Toluene-d8	10.179	98	440418	36.837	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	73.680%
62) 4-Bromofluorobenzene	12.477	95	159519	36.859	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.720%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	2327	Below Cal	#	77
16) Acetone	3.948	43	2304	2.683	ug/l #	83
18) Methyl Acetate	4.698	43	119	Below Cal	#	56
20) Methylene Chloride	4.704	84	14545	Below Cal	#	78
25) 2-Butanone	6.972	43	2974	2.284	ug/l #	88
31) Cyclohexane	7.777	56	6204	1.097	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	24459	4.589	ug/l #	50
37) Ethyl Acetate	6.972	43	2974	1.008	ug/l #	1
38) Carbon Tetrachloride	7.783	117	31936	5.804	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	79403	30.603	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	79403	65.818	ug/l #	7

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

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Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

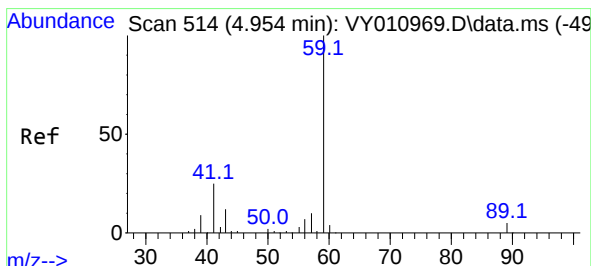
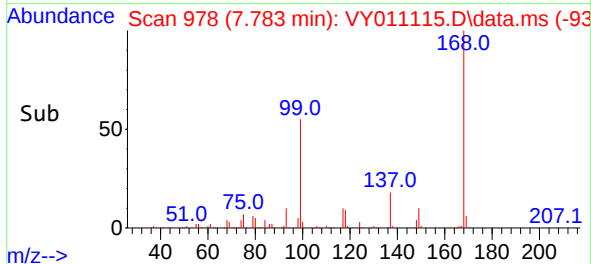
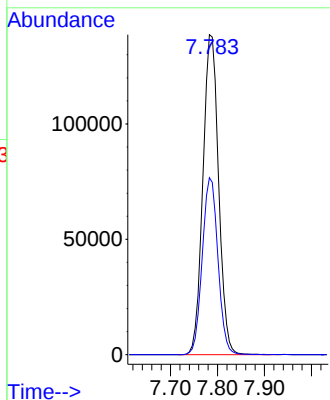
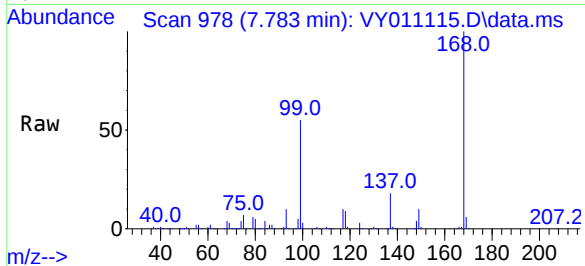




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011115.D
Acq: 26 Oct 2022 14:50

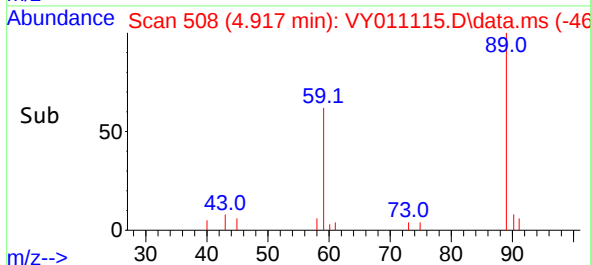
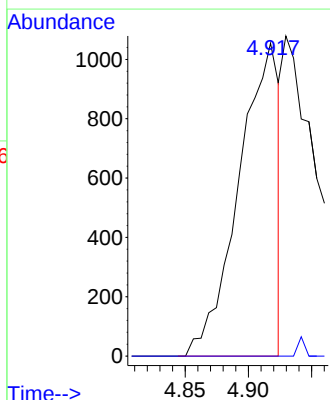
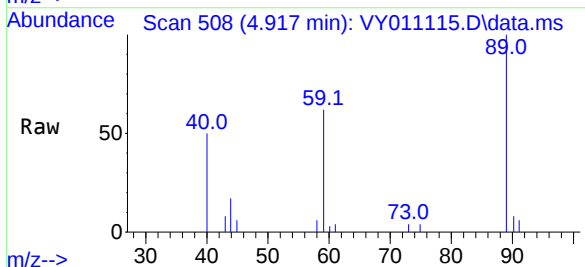
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

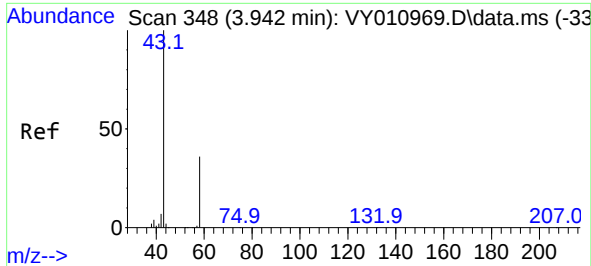
Tgt Ion:168 Resp: 320968
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.037 min
Lab File: VY011115.D
Acq: 26 Oct 2022 14:50

Tgt Ion: 59 Resp: 2327
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 2.683 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY011115.D

Acq: 26 Oct 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

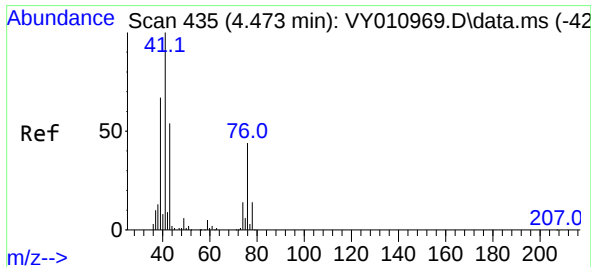
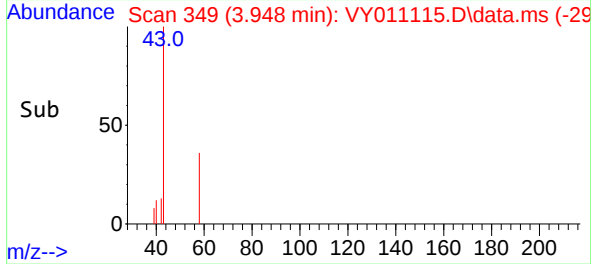
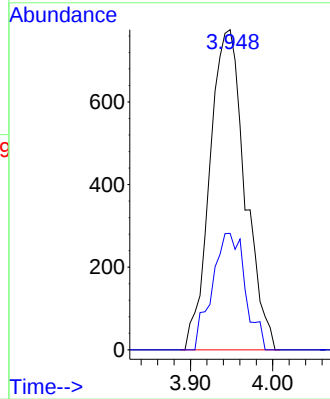
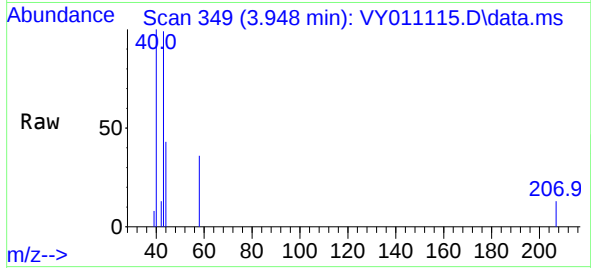
SB-4

Tgt Ion: 43 Resp: 2304

Ion Ratio Lower Upper

43 100

58 36.4 22.0 33.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.698 min Scan# 472

Delta R.T. 0.225 min

Lab File: VY011115.D

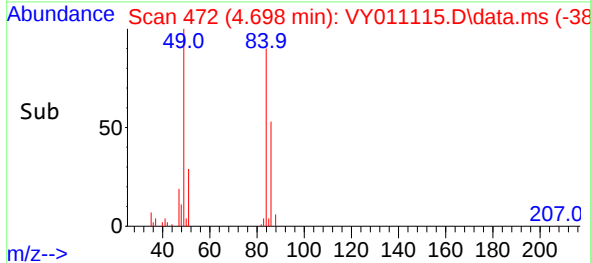
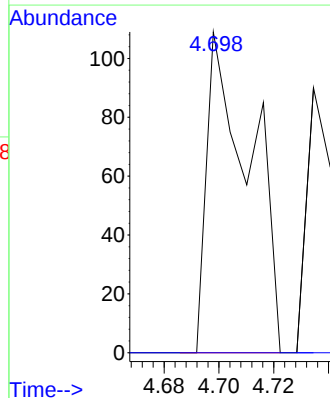
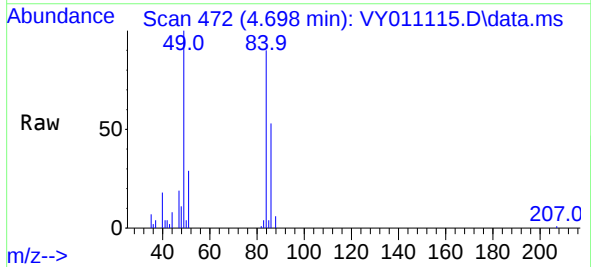
Acq: 26 Oct 2022 14:50

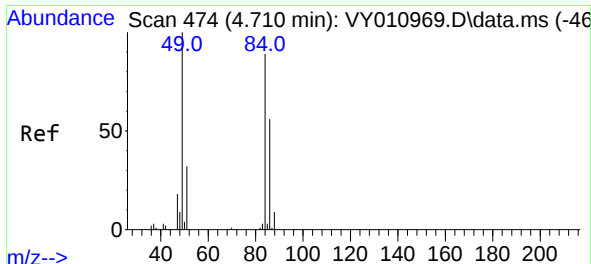
Tgt Ion: 43 Resp: 119

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#

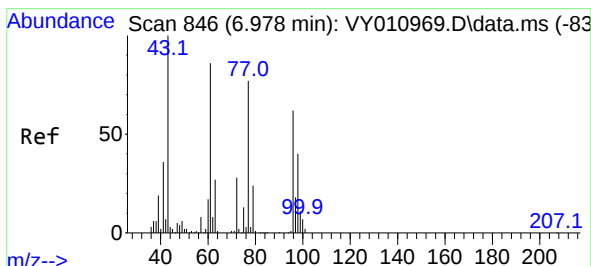
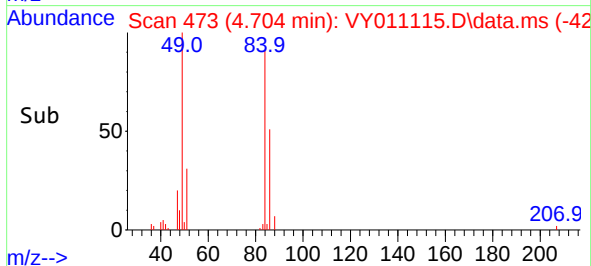
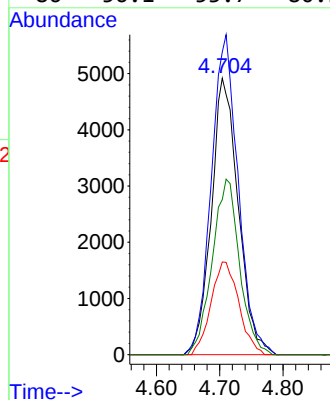
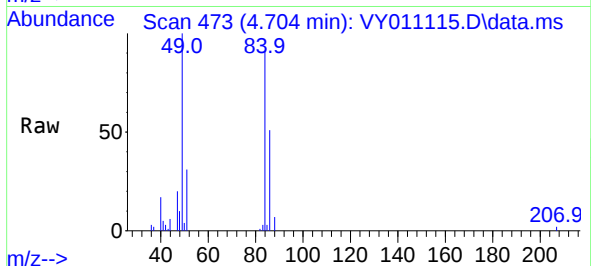




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011115.D
Acq: 26 Oct 2022 14:50

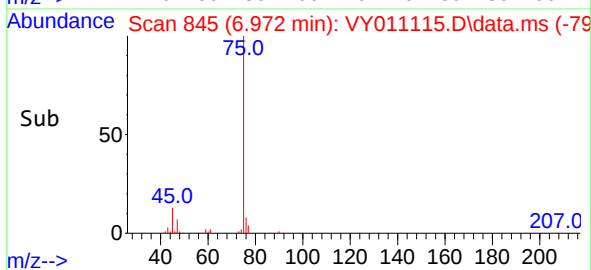
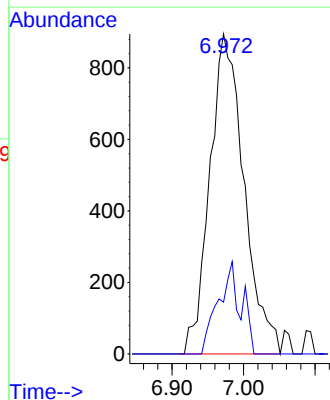
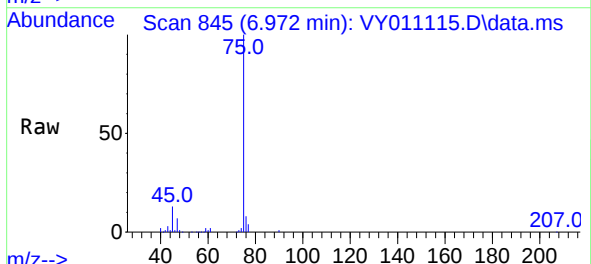
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

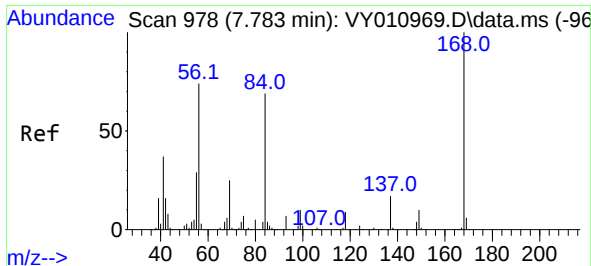
Tgt Ion: 84 Resp: 14545
Ion Ratio Lower Upper
84 100
49 109.4 114.4 171.6#
51 33.5 35.3 52.9#
86 56.1 53.7 80.5



#25
2-Butanone
Concen: 2.284 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011115.D
Acq: 26 Oct 2022 14:50

Tgt Ion: 43 Resp: 2974
Ion Ratio Lower Upper
43 100
72 16.2 17.7 26.5#

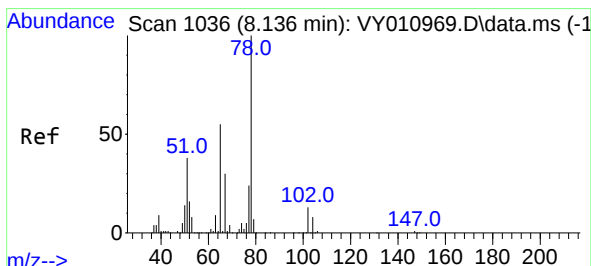
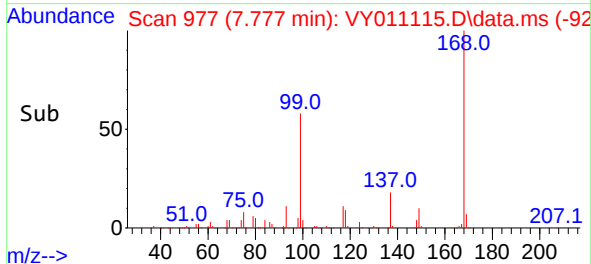
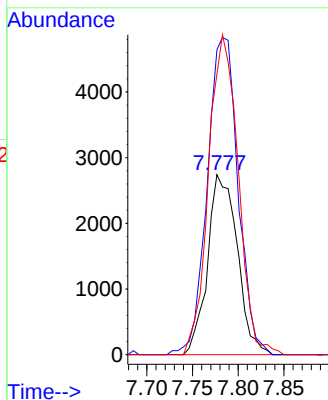
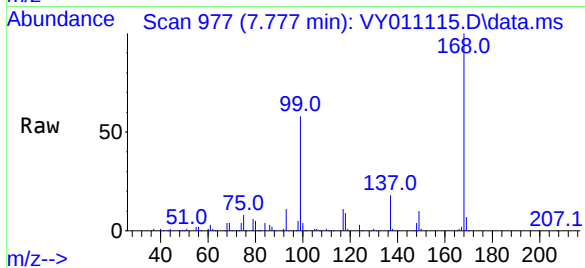




#31
Cyclohexane
Concen: 1.097 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011115.D
Acq: 26 Oct 2022 14:50

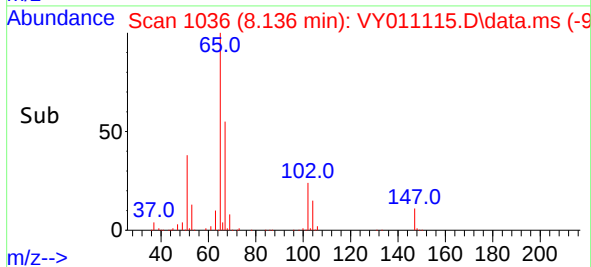
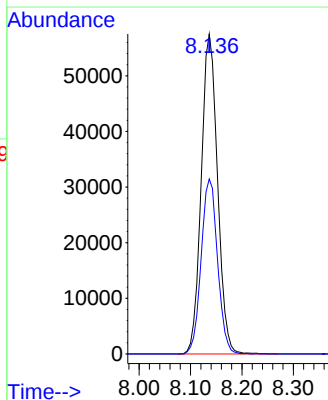
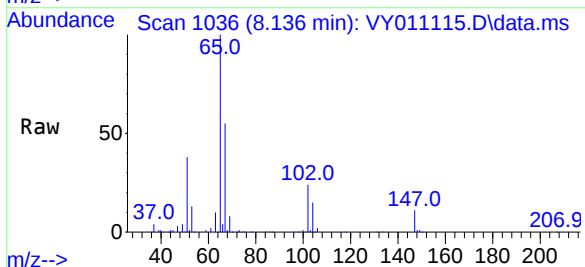
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

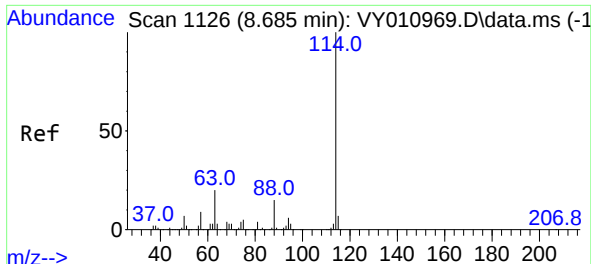
Tgt Ion: 56 Resp: 6204
Ion Ratio Lower Upper
56 100
69 169.3 26.7 40.1#
84 155.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 42.774 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011115.D
Acq: 26 Oct 2022 14:50

Tgt Ion: 65 Resp: 126466
Ion Ratio Lower Upper
65 100
67 54.8 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: VY011115.D

Acq: 26 Oct 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

SB-4

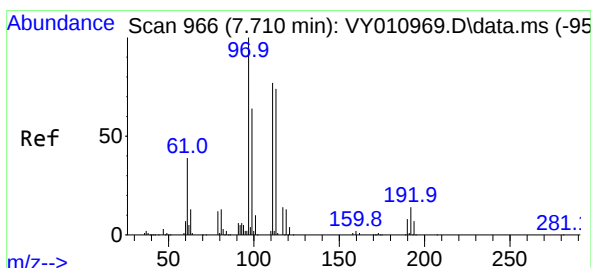
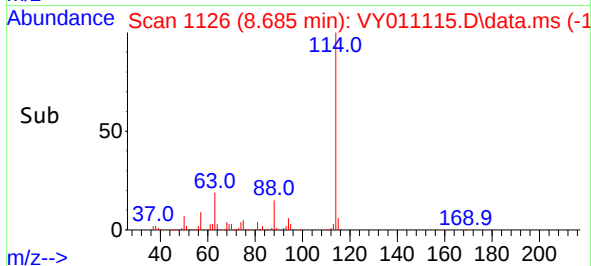
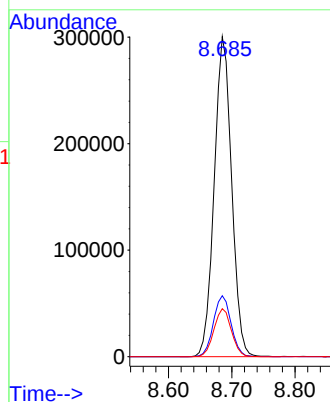
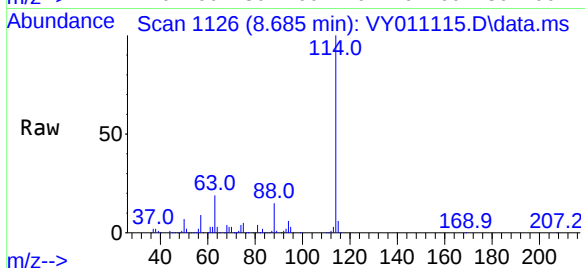
Tgt Ion:114 Resp: 572592

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.435 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011115.D

Acq: 26 Oct 2022 14:50

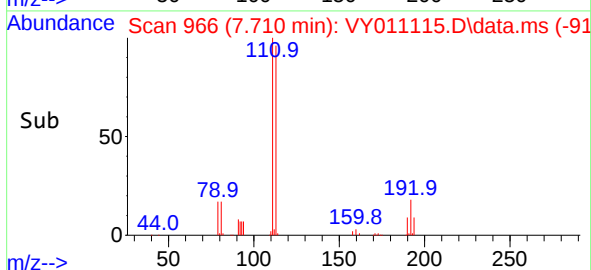
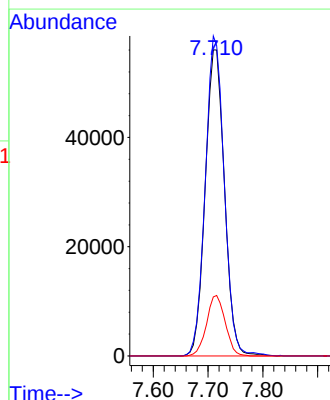
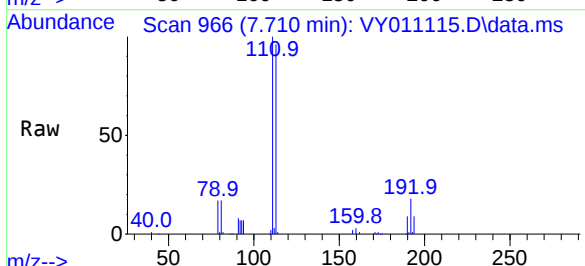
Tgt Ion:113 Resp: 136483

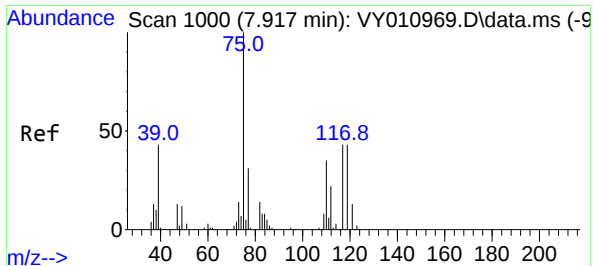
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 19.2 17.6 26.4

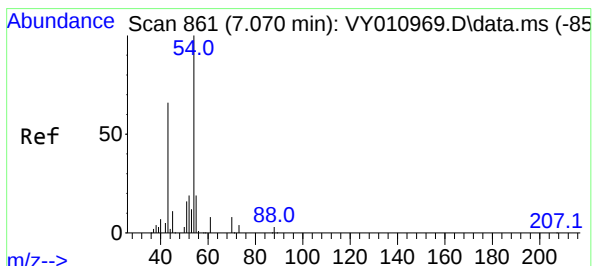
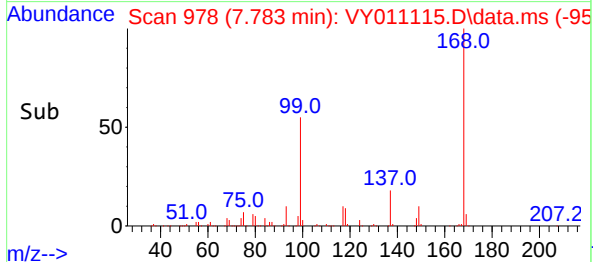
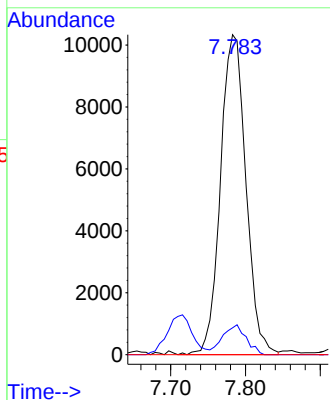
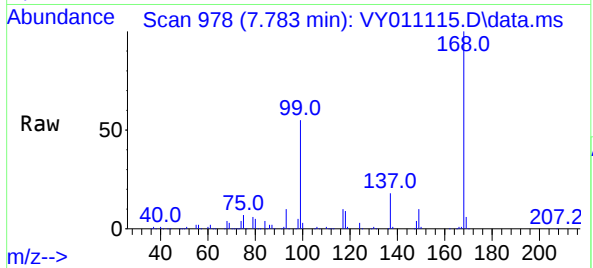




#36
1,1-Dichloropropene
Concen: 4.589 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011115.D
Acq: 26 Oct 2022 14:50

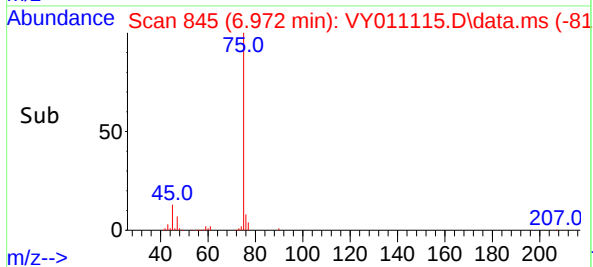
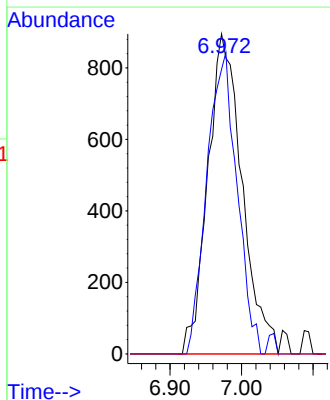
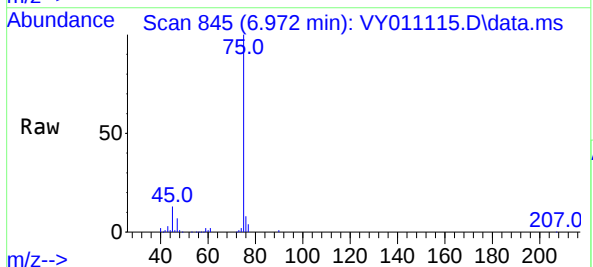
Instrument :
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ClientSampleId :
SB-4

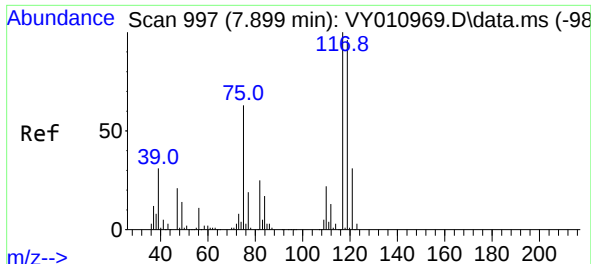
Tgt Ion: 75 Resp: 24459
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.008 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY011115.D
Acq: 26 Oct 2022 14:50

Tgt Ion: 43 Resp: 2974
Ion Ratio Lower Upper
43 100
61 82.9 9.7 14.5#
70 0.0 7.1 10.7#

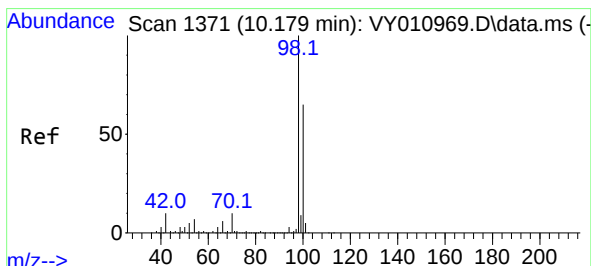
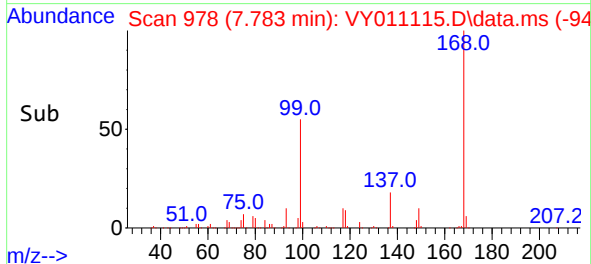
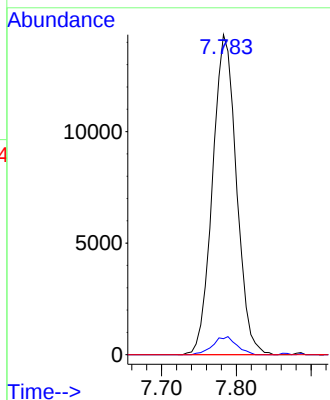
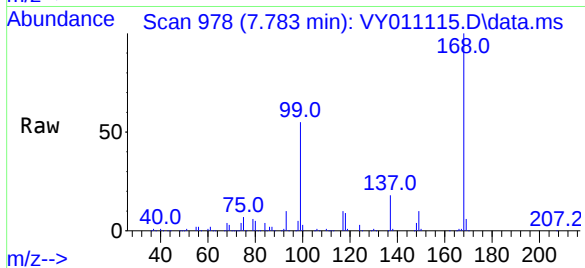




#38
Carbon Tetrachloride
Concen: 5.804 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011115.D
Acq: 26 Oct 2022 14:50

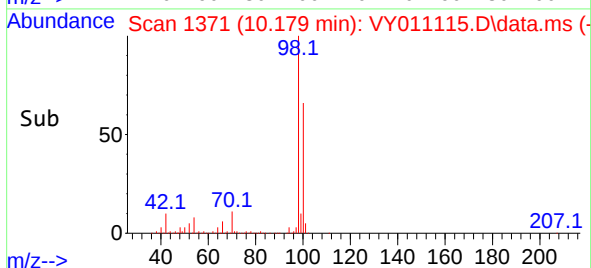
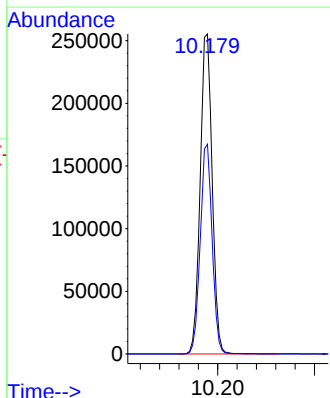
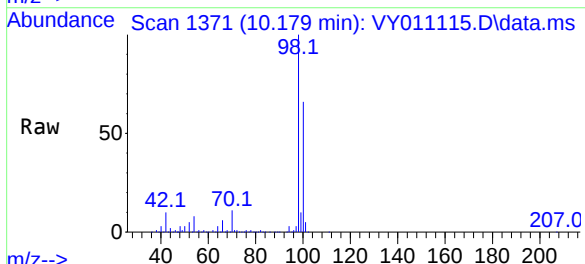
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

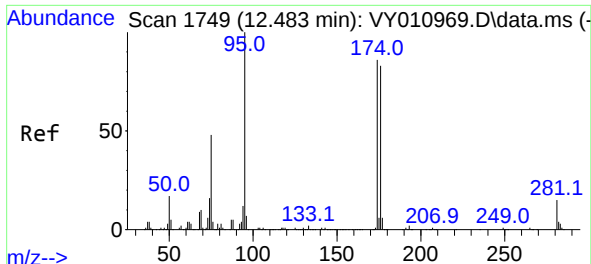
Tgt Ion:117 Resp: 31936
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 36.837 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011115.D
Acq: 26 Oct 2022 14:50

Tgt Ion: 98 Resp: 440418
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

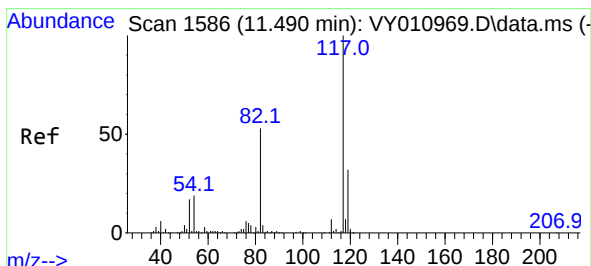
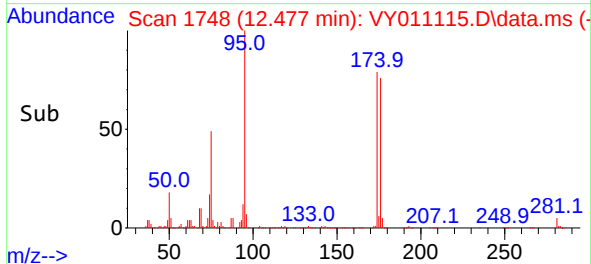
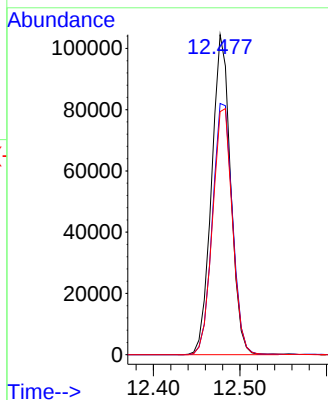
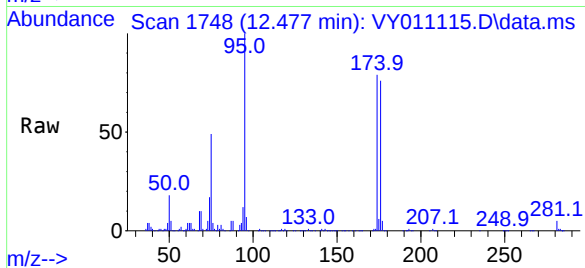




#62
4-Bromofluorobenzene
Concen: 36.859 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011115.D
Acq: 26 Oct 2022 14:50

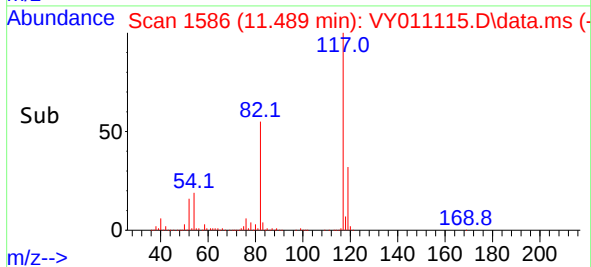
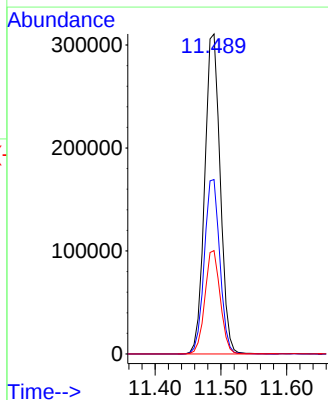
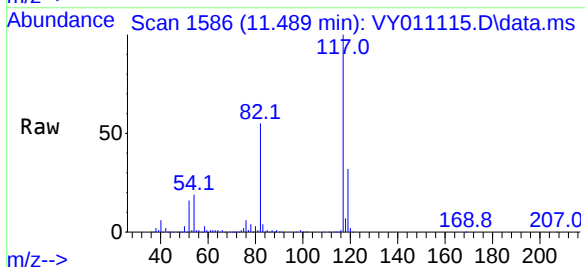
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

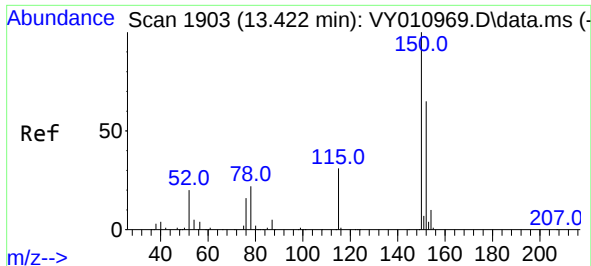
Tgt Ion: 95 Resp: 159519
Ion Ratio Lower Upper
95 100
174 82.5 0.0 177.0
176 80.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011115.D
Acq: 26 Oct 2022 14:50

Tgt Ion: 117 Resp: 509600
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.3 25.4 38.0

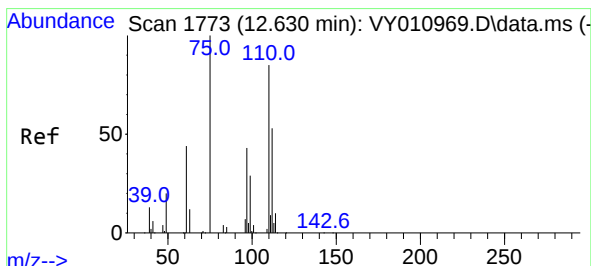
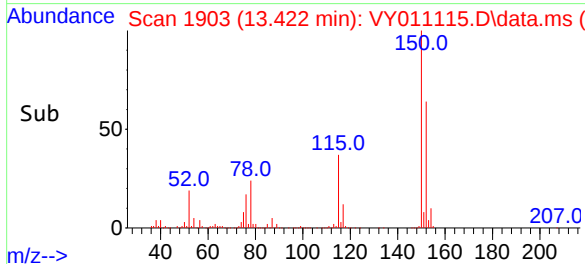
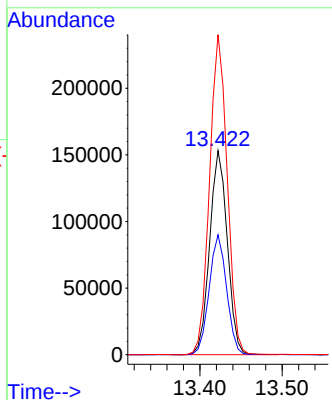
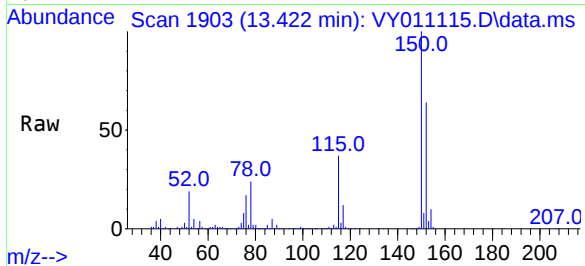




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011115.D
Acq: 26 Oct 2022 14:50

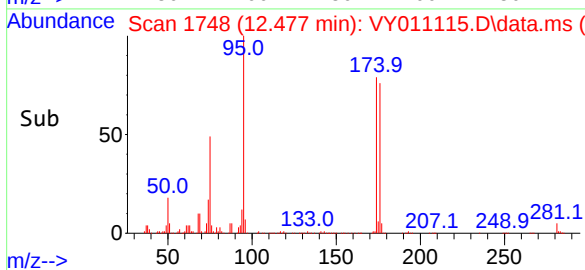
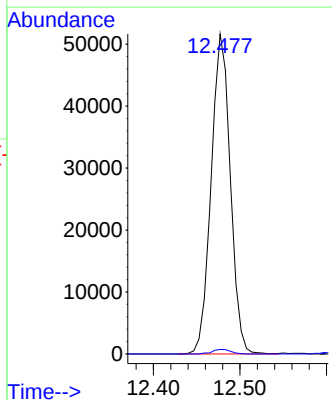
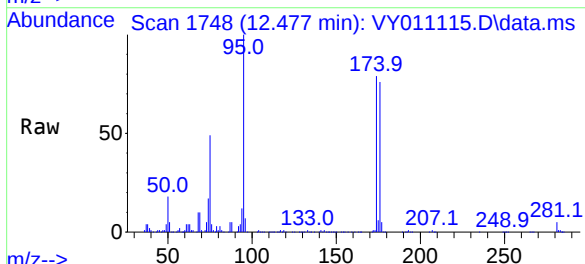
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

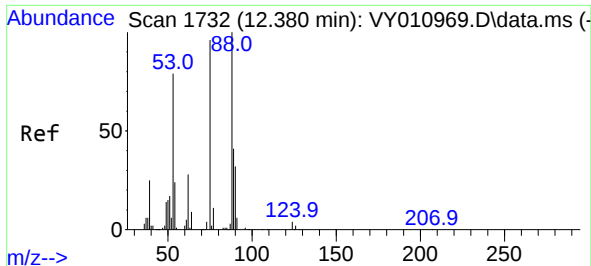
Tgt Ion:152 Resp: 228537
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 156.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 30.603 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011115.D
Acq: 26 Oct 2022 14:50

Tgt Ion: 75 Resp: 79403
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.818 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY011115.D
 Acq: 26 Oct 2022 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

Tgt Ion: 75 Resp: 79403
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

