

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
 Data File : VY010534.D
 Acq On : 16 Sep 2022 14:53
 Operator : KP/MD
 Sample : N4597-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-7.5-8.0

Quant Time: Sep 17 00:28:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	87365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	151578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	145684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65102	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	54407	61.833	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.660%
35) Dibromofluoromethane	7.715	113	49397	45.886	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.780%
50) Toluene-d8	10.178	98	180939	51.861	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.720%
62) 4-Bromofluorobenzene	12.483	95	60499	42.869	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.740%

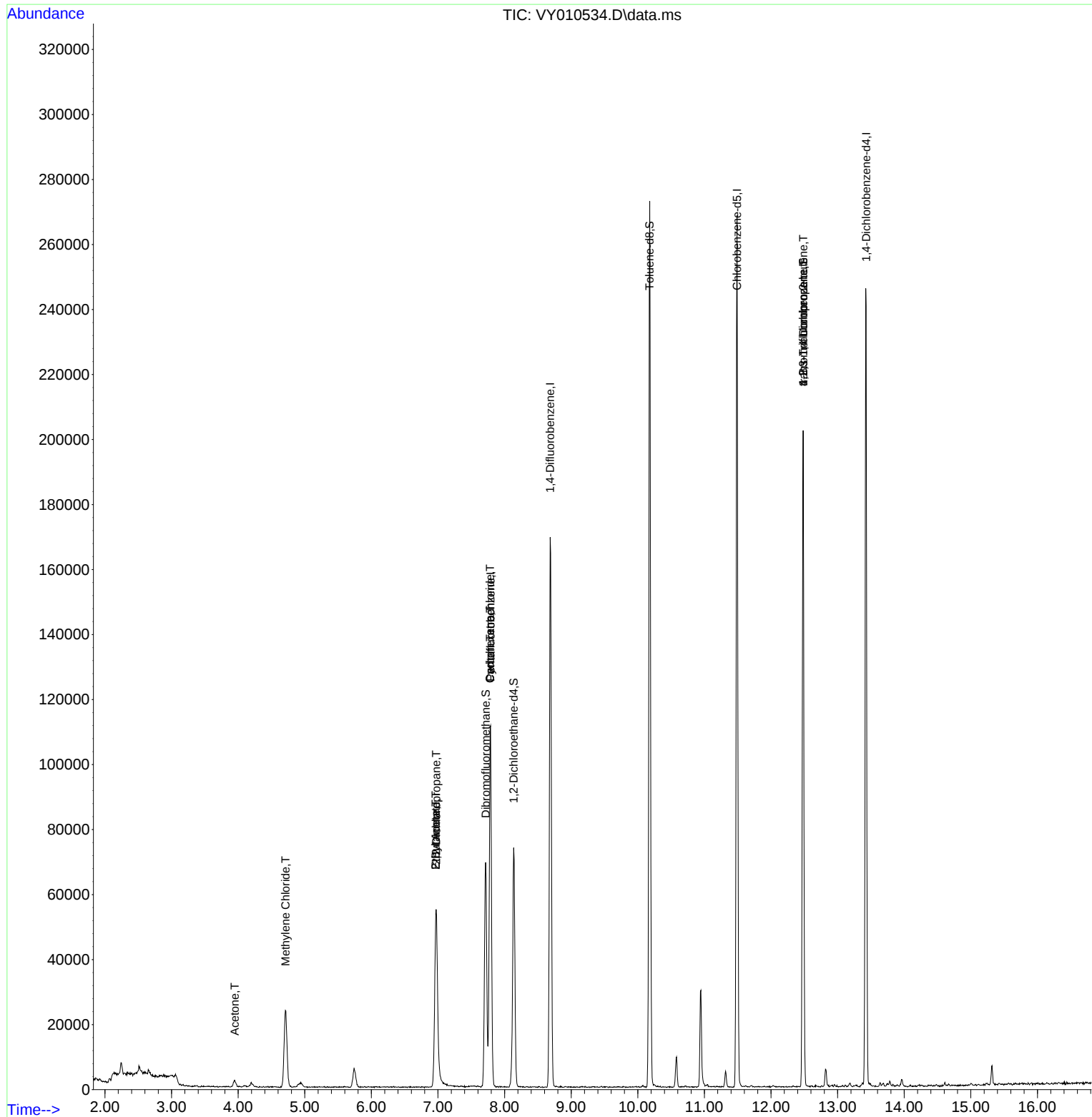
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.942	59	2235	Below Cal	#	81
16) Acetone	3.948	43	3520	17.432	ug/l #	81
20) Methylene Chloride	4.710	84	18587	14.072	ug/l #	84
25) 2-Butanone	6.966	43	2809	8.753	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	4379	2.799	ug/l #	55
31) Cyclohexane	7.783	56	1855	1.248	ug/l #	10
37) Ethyl Acetate	6.966	43	2809	3.626	ug/l #	1
38) Carbon Tetrachloride	7.783	117	8510	5.190	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	31048	43.212	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31048	95.945	ug/l #	7

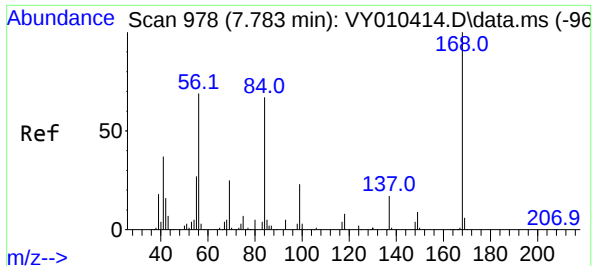
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
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SB-01-7.5-8.0

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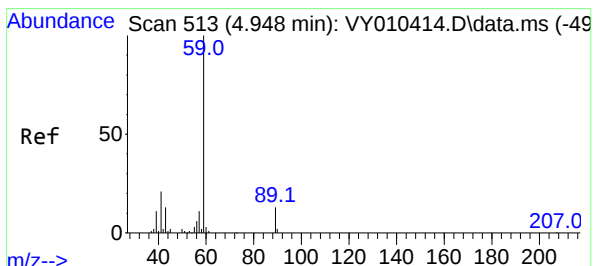
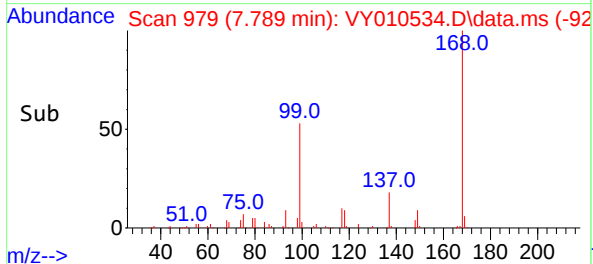
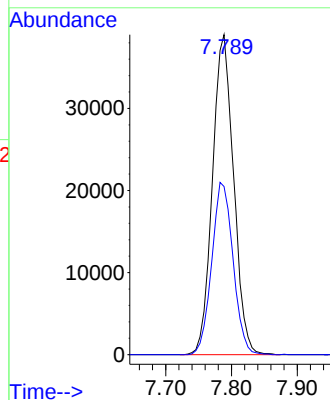
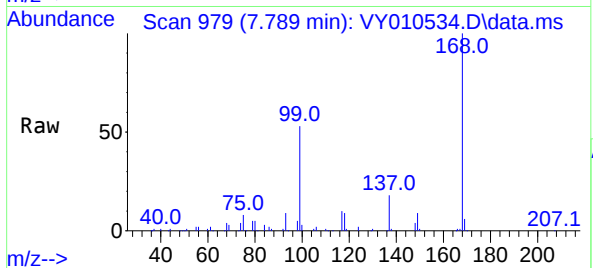




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

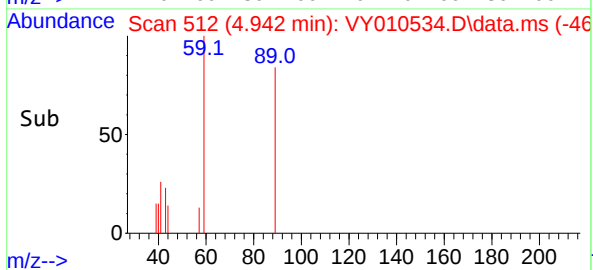
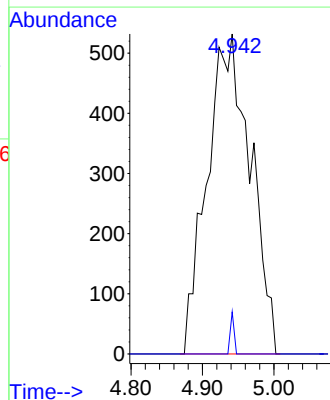
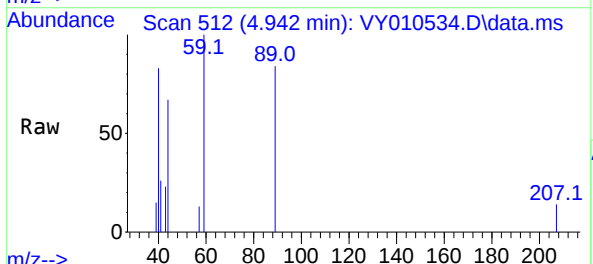
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-7.5-8.0

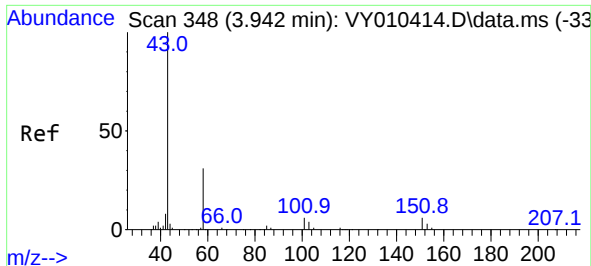
Tgt Ion:168 Resp: 87365
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

Tgt Ion: 59 Resp: 2235
Ion Ratio Lower Upper
59 100
57 1.2 6.4 9.6#

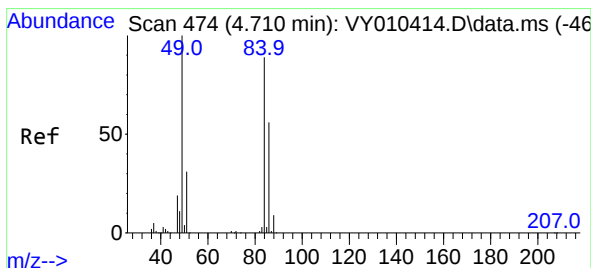
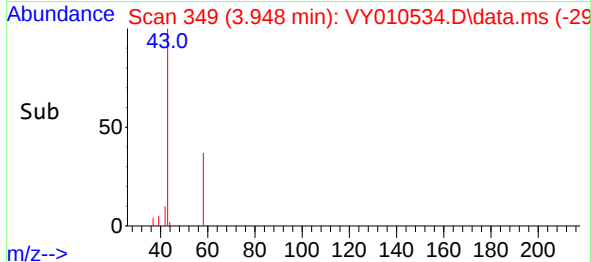
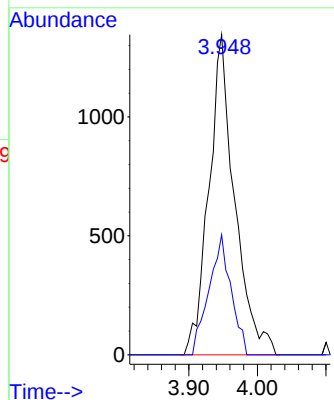
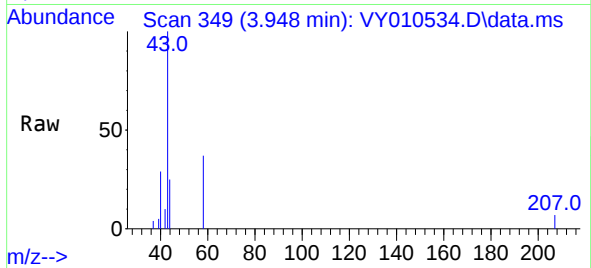




#16
Acetone
Concen: 17.432 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

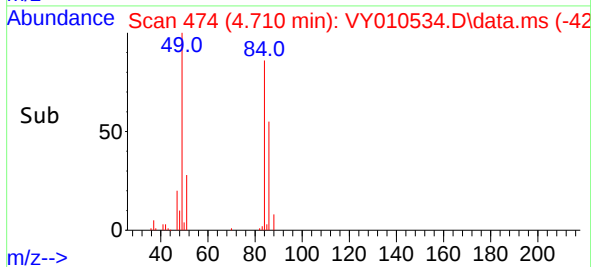
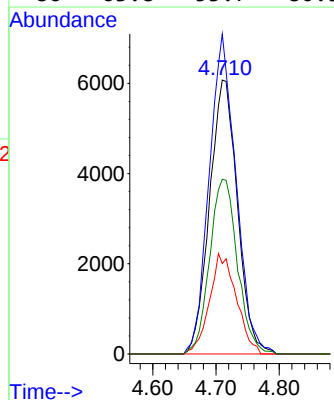
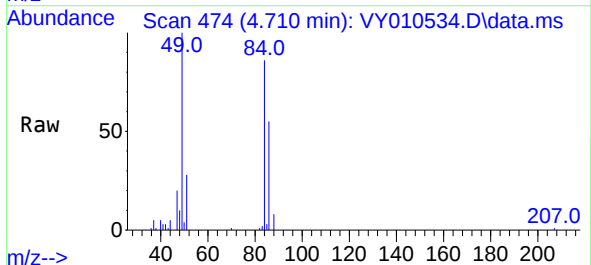
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-7.5-8.0

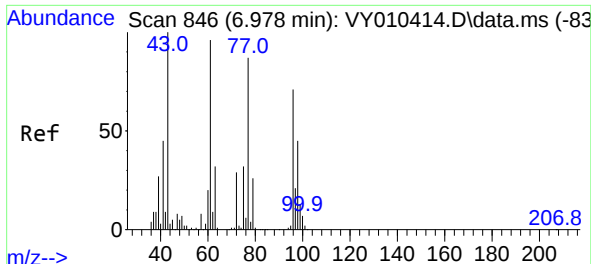
Tgt Ion: 43 Resp: 3520
Ion Ratio Lower Upper
43 100
58 37.4 22.0 33.0#



#20
Methylene Chloride
Concen: 14.072 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

Tgt Ion: 84 Resp: 18587
Ion Ratio Lower Upper
84 100
49 116.8 114.4 171.6
51 33.0 35.3 52.9#
86 63.8 53.7 80.5





#25

2-Butanone

Concen: 8.753 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY010534.D

Acq: 16 Sep 2022 14:53

Instrument :

MSVOA_Y

ClientSampleId :

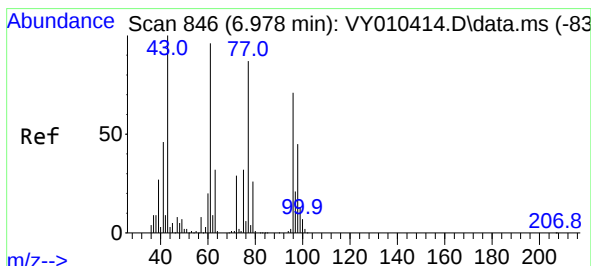
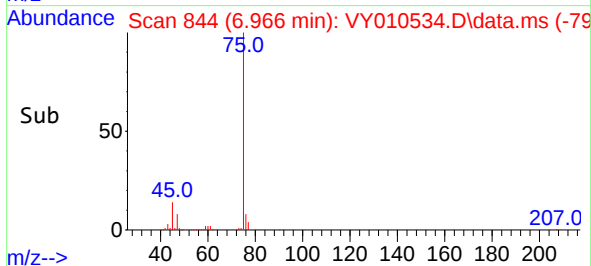
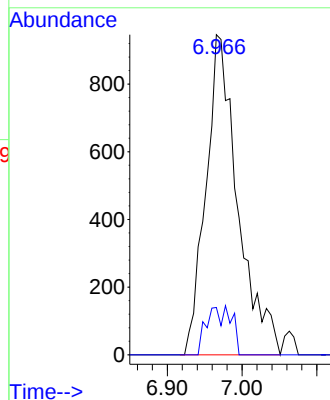
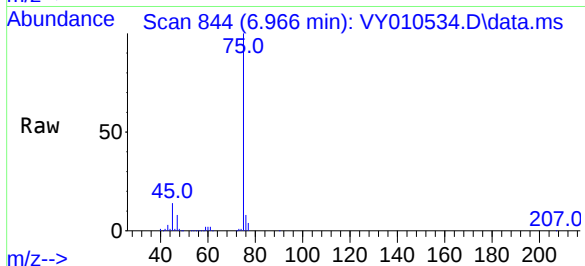
SB-01-7.5-8.0

Tgt Ion: 43 Resp: 2809

Ion Ratio Lower Upper

43 100

72 14.8 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 2.799 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010534.D

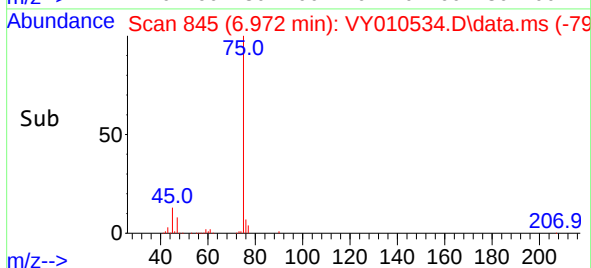
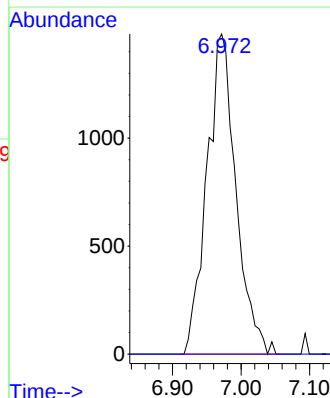
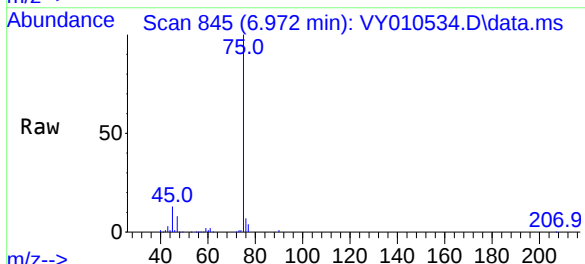
Acq: 16 Sep 2022 14:53

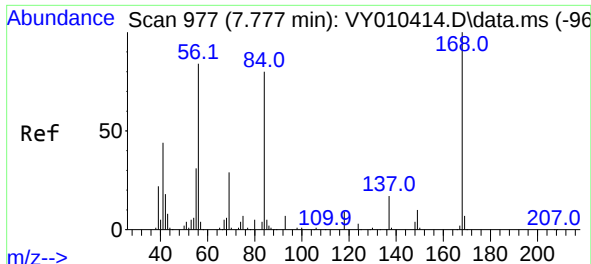
Tgt Ion: 77 Resp: 4379

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#

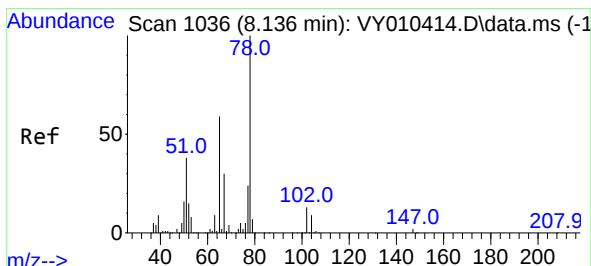
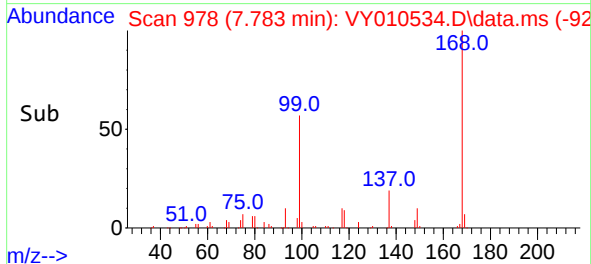
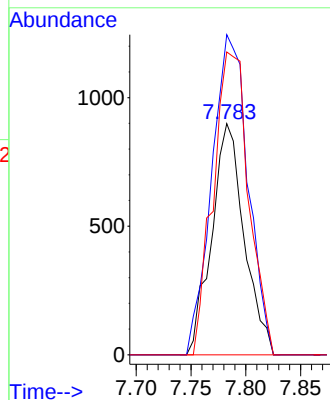
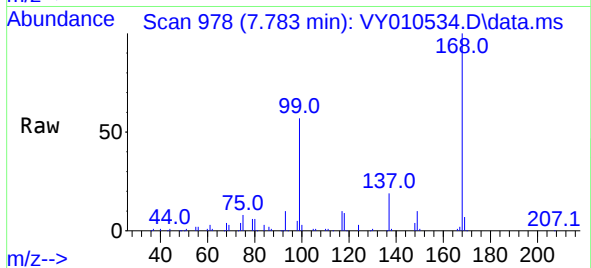




#31
Cyclohexane
Concen: 1.248 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

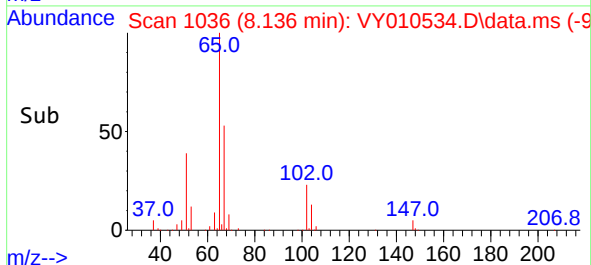
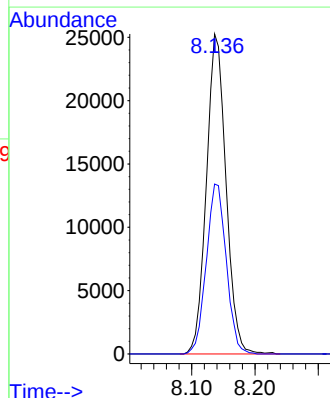
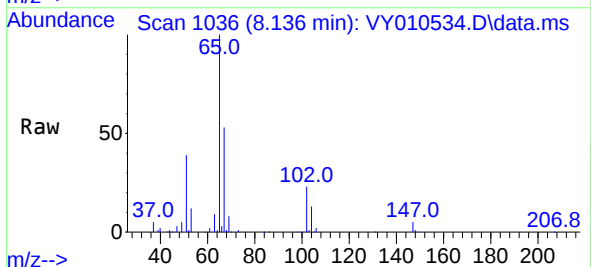
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-7.5-8.0

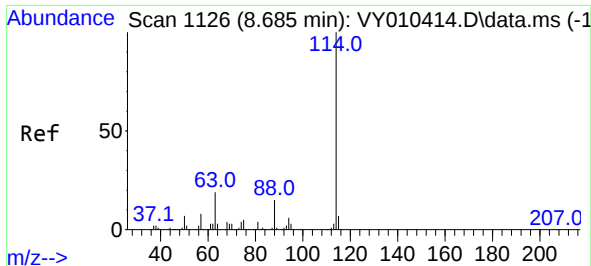
Tgt Ion: 56 Resp: 1855
Ion Ratio Lower Upper
56 100
69 138.5 26.7 40.1#
84 131.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.833 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

Tgt Ion: 65 Resp: 54407
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4



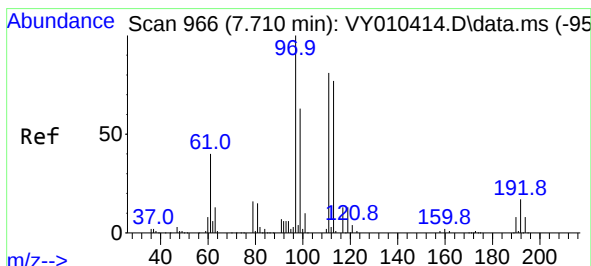
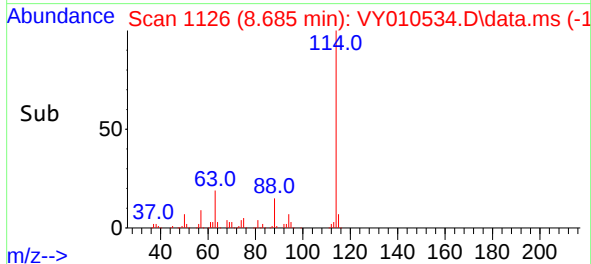
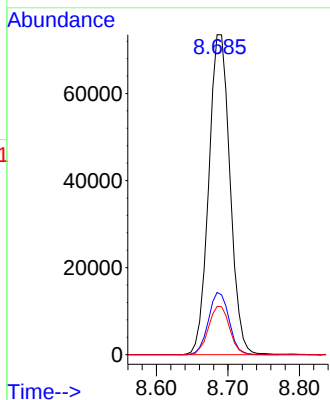
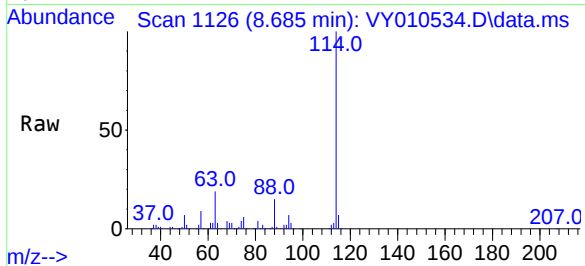


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-7.5-8.0

Tgt Ion:114 Resp: 151578

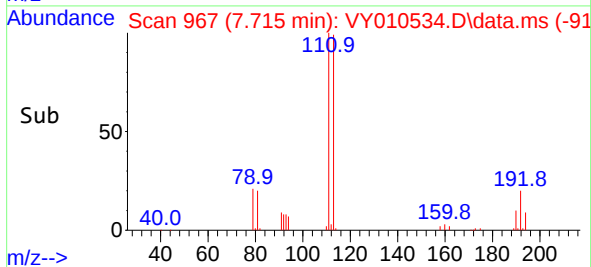
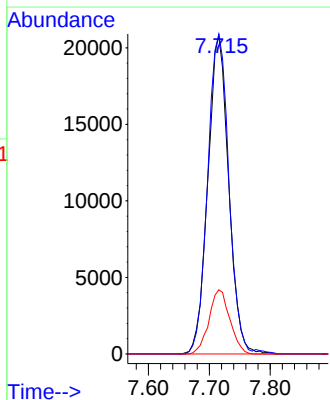
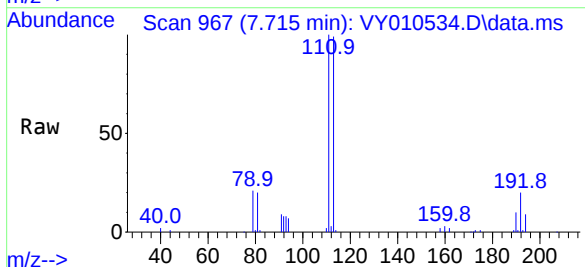
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	43.2
88	15.0	0.0	31.8

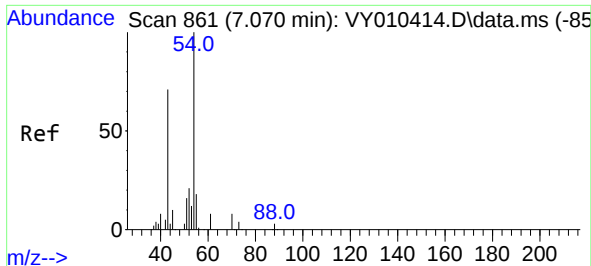


#35
Dibromofluoromethane
Concen: 45.886 ug/l
RT: 7.715 min Scan# 967
Delta R.T. 0.005 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

Tgt Ion:113 Resp: 49397

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	124.0
192	20.2	17.6	26.4

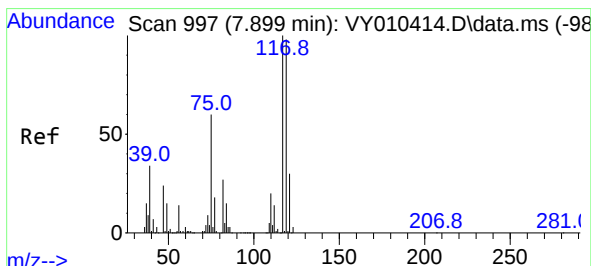
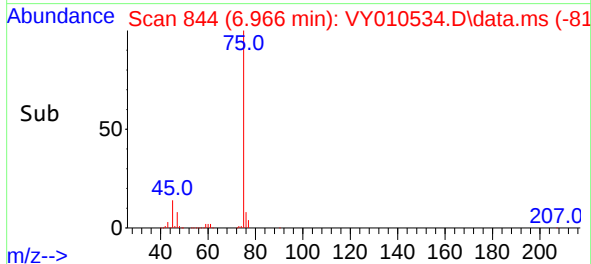
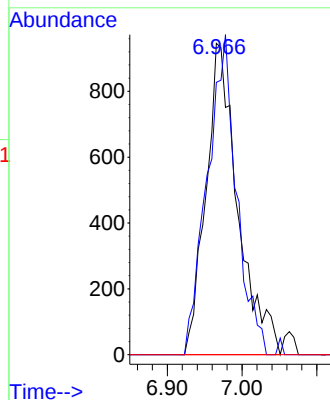
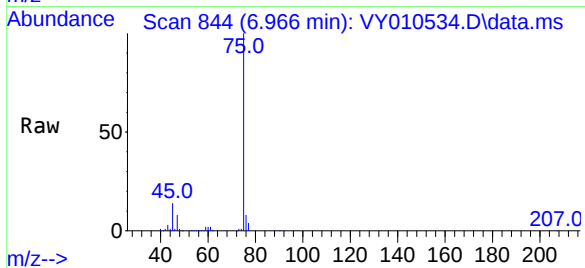




#37
Ethyl Acetate
Concen: 3.626 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.104 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

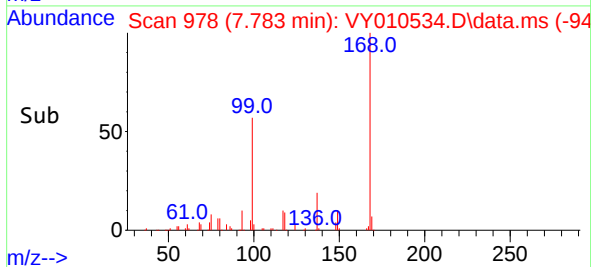
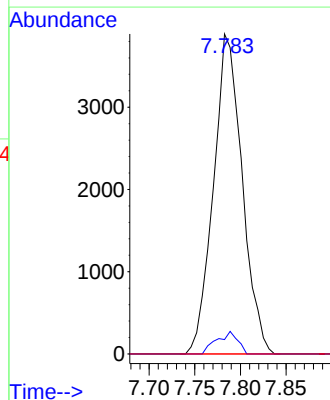
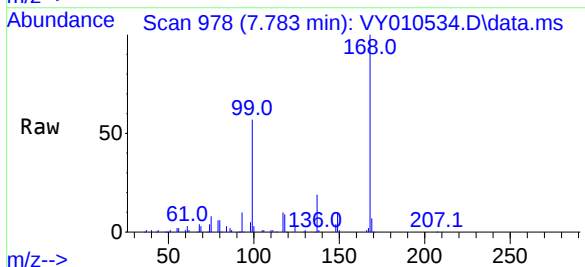
Instrument :
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ClientSampleId :
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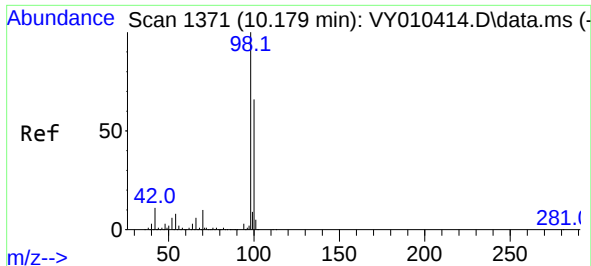
Tgt Ion: 43 Resp: 2809
Ion Ratio Lower Upper
43 100
61 94.5 9.7 14.5#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.190 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

Tgt Ion: 117 Resp: 8510
Ion Ratio Lower Upper
117 100
119 4.5 77.9 116.9#
121 0.0 24.8 37.2#

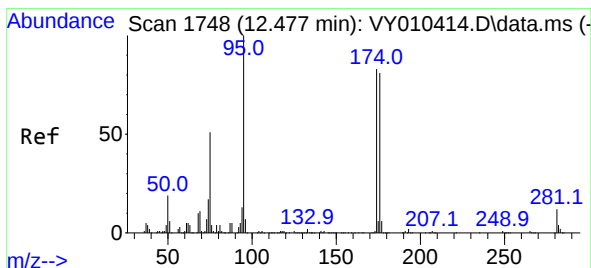
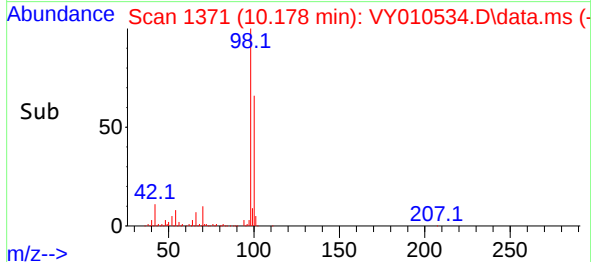
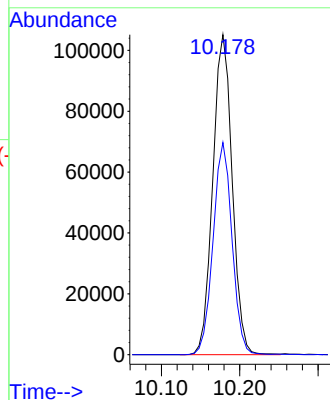
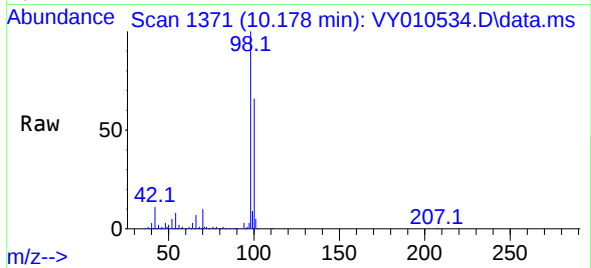




#50
Toluene-d8
Concen: 51.861 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

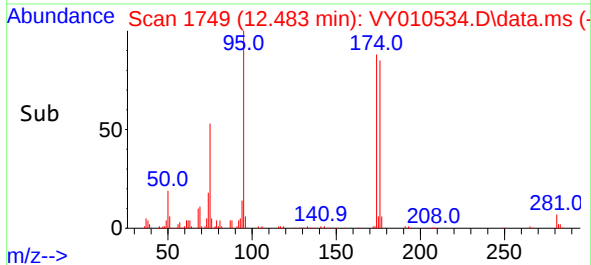
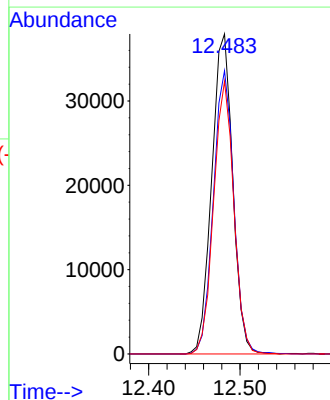
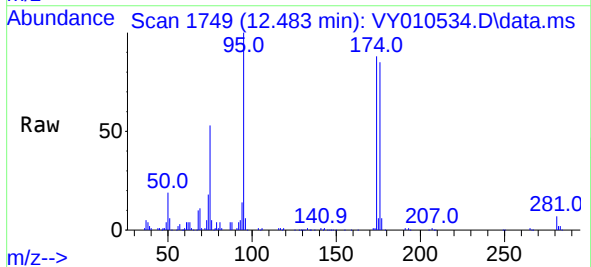
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-7.5-8.0

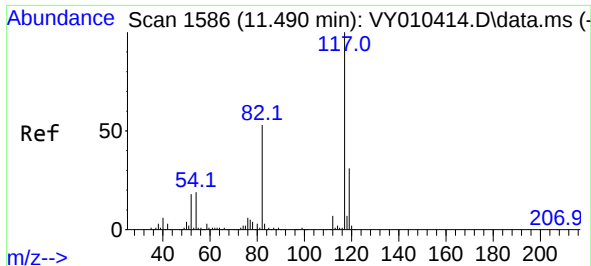
Tgt Ion: 98 Resp: 180939
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.869 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

Tgt Ion: 95 Resp: 60499
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 82.0 0.0 175.8

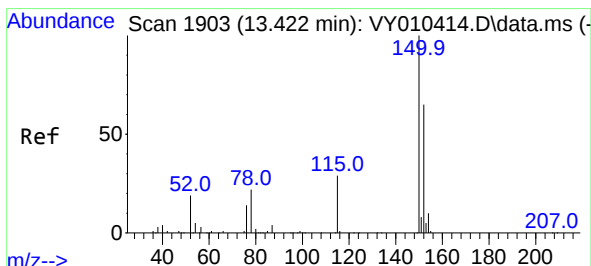
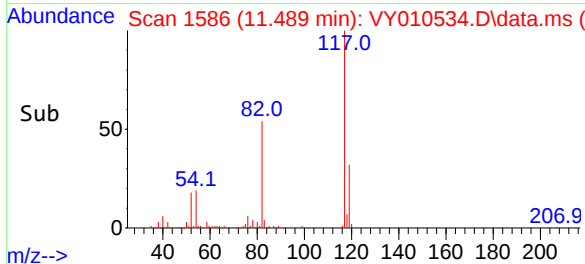
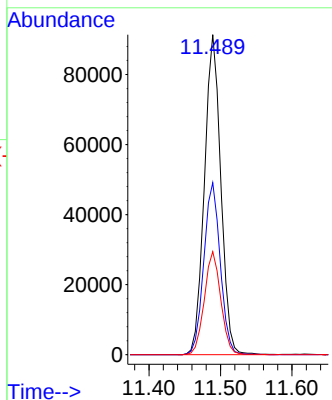
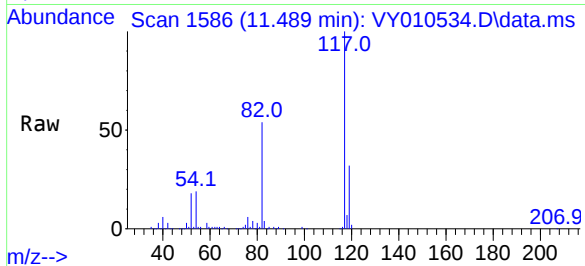




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

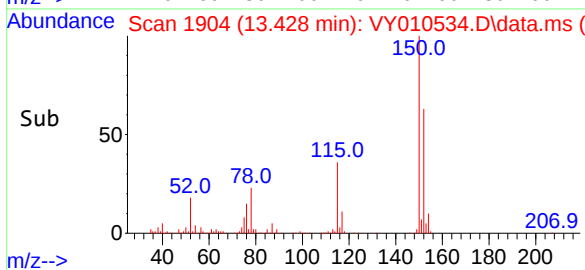
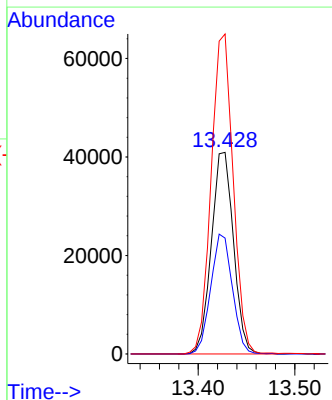
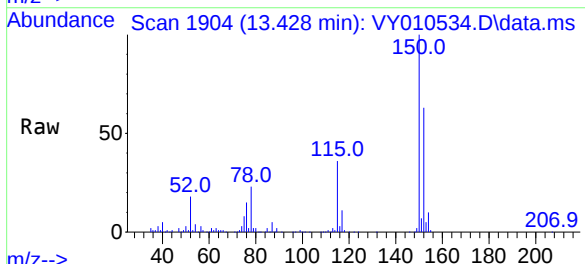
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-7.5-8.0

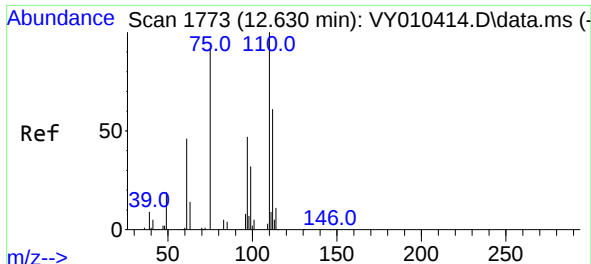
Tgt Ion:117 Resp: 145684
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

Tgt Ion:152 Resp: 65102
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 157.9 0.0 347.6

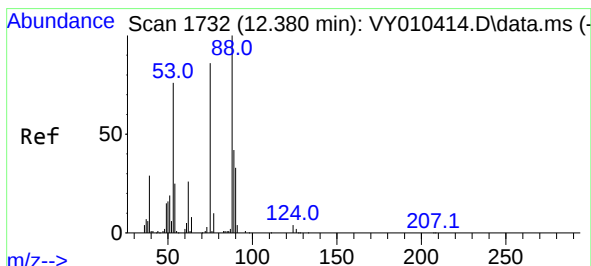
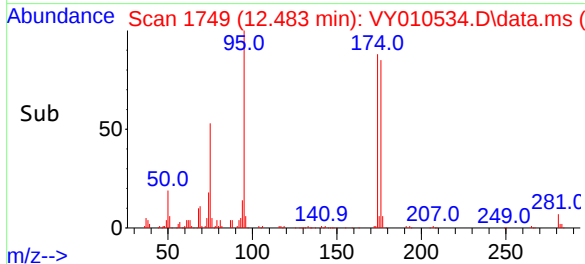
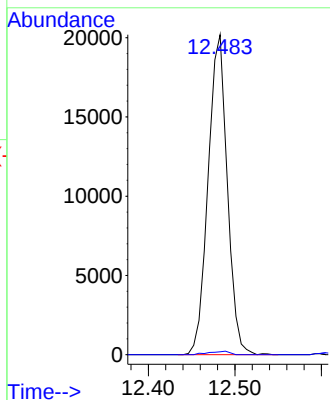
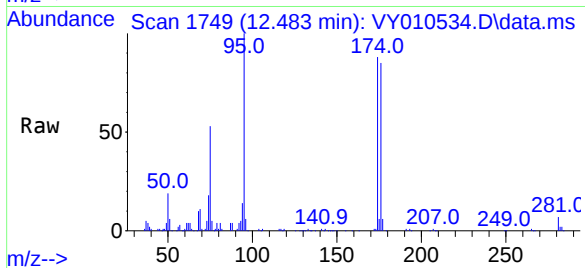




#76
1,2,3-Trichloropropane
Concen: 43.212 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-7.5-8.0

Tgt Ion: 75 Resp: 31048
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.945 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY010534.D
Acq: 16 Sep 2022 14:53

Tgt Ion: 75 Resp: 31048
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

