

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011402.D
 Acq On : 10 Nov 2022 19:40
 Operator : KP/MD
 Sample : N5531-17
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-26

Quant Time: Nov 10 22:18:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

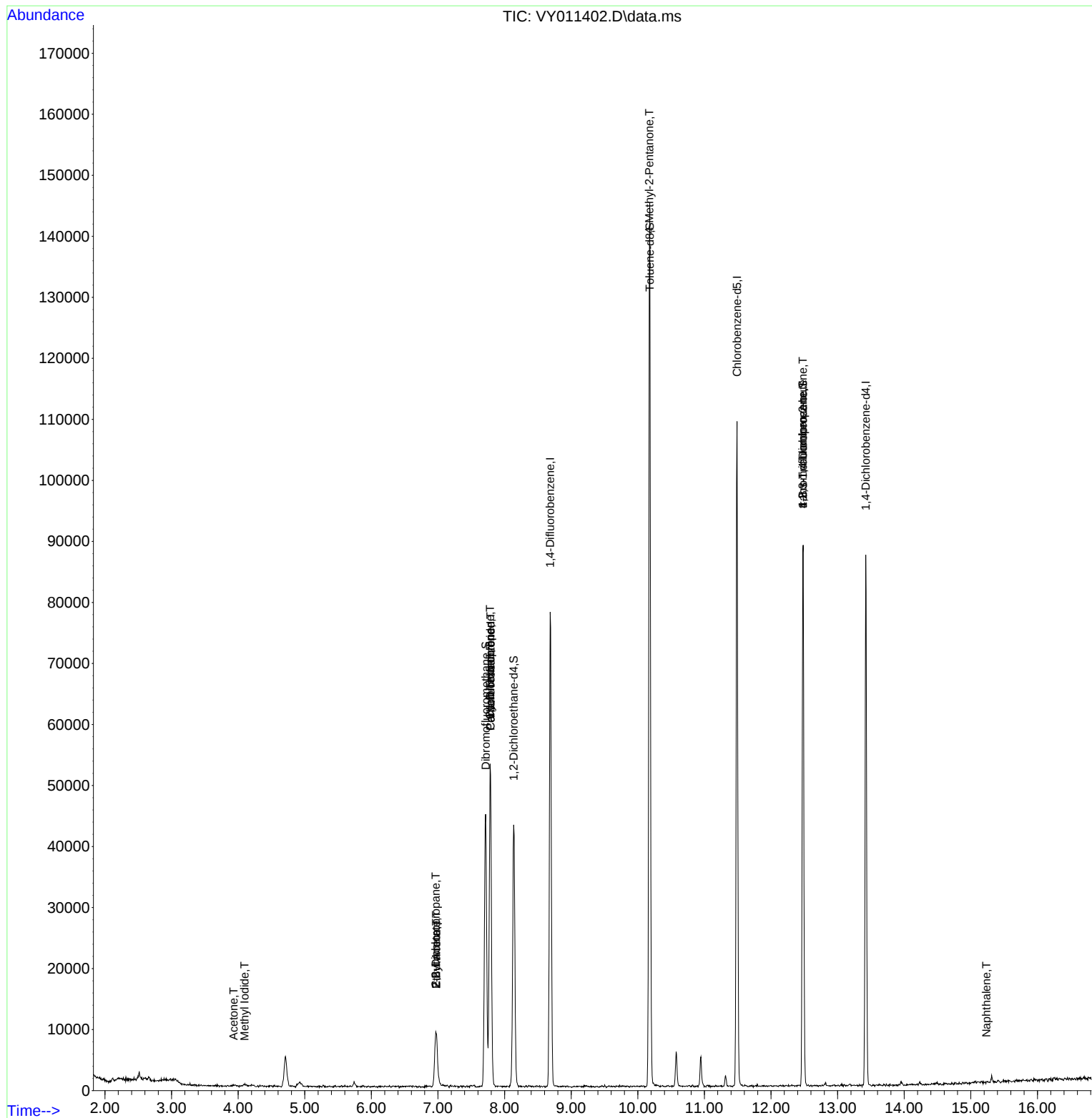
Internal Standards						
1) Pentafluorobenzene	7.789	168	43051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	70613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	64093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	24392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	33772	93.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 187.220%#	
35) Dibromofluoromethane	7.716	113	32825	82.948	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 165.900%#	
50) Toluene-d8	10.179	98	101516	67.149	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 134.300%	
62) 4-Bromofluorobenzene	12.477	95	29158	55.296	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.600%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	525	1.009	ug/l #	67
11) Tert butyl alcohol	4.930	59	927	Below Cal	#	77
16) Acetone	3.930	43	173	1.817	ug/l #	47
25) 2-Butanone	6.972	43	371	2.736	ug/l #	54
26) 2,2-Dichloropropane	6.966	77	713	1.052	ug/l #	55
31) Cyclohexane	7.783	56	854	1.317	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	3034	4.940	ug/l #	49
37) Ethyl Acetate	6.972	43	371	1.257	ug/l #	1
38) Carbon Tetrachloride	7.789	117	4139	6.195	ug/l #	16
51) 4-Methyl-2-Pentanone	10.173	43	369	1.289	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	13629	48.271	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	13629	116.028	ug/l #	7
95) Naphthalene	15.233	128	23	3.299	ug/l #	69

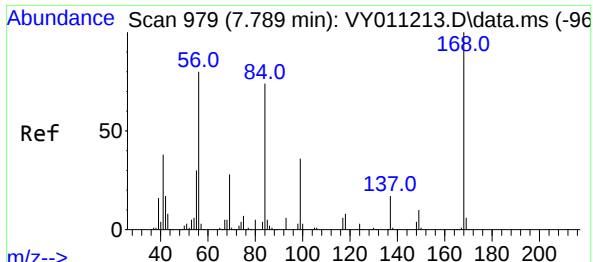
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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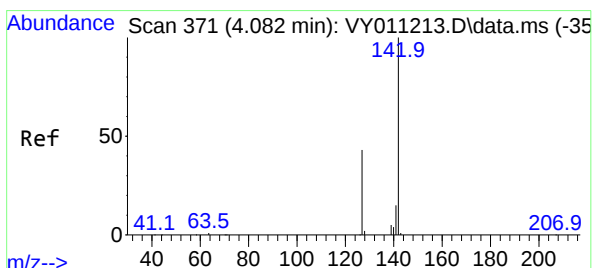
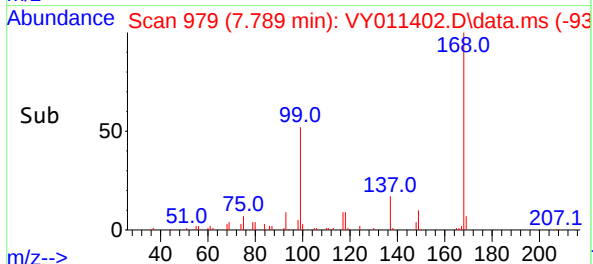
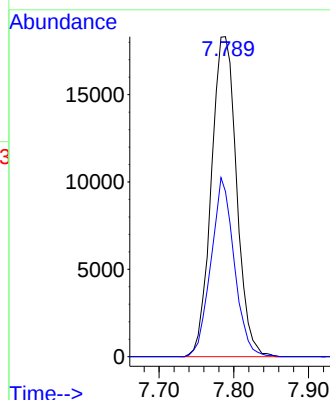
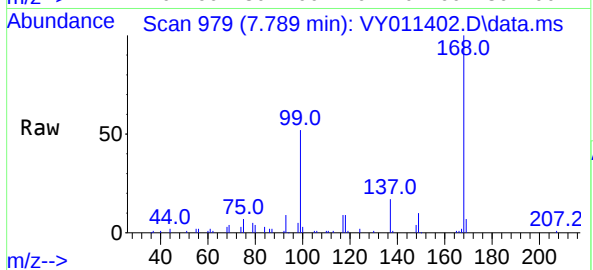




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011402.D
Acq: 10 Nov 2022 19:40

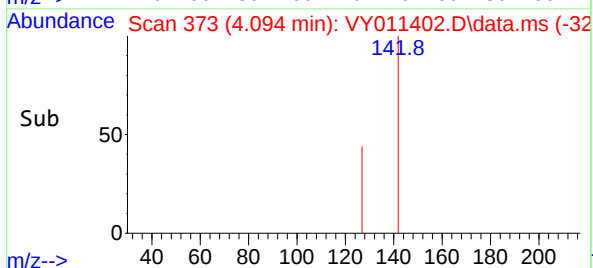
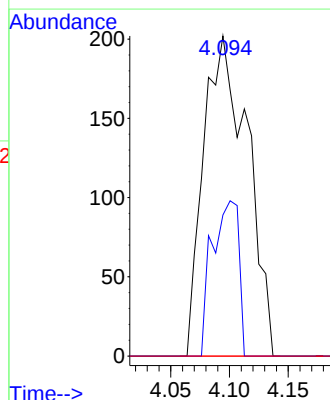
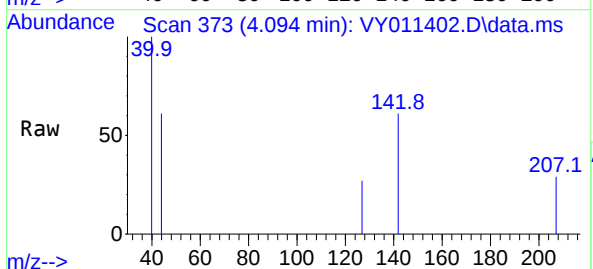
Instrument :
MSVOA_Y
ClientSampleId :
SB-26

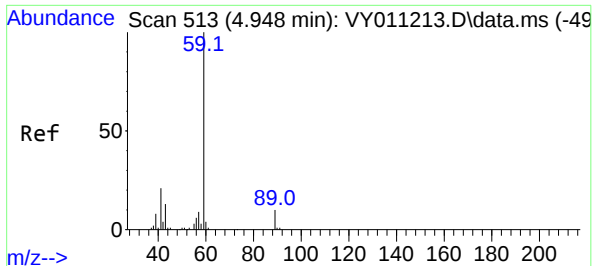
Tgt Ion:168 Resp: 43051
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#10
Methyl Iodide
Concen: 1.009 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY011402.D
Acq: 10 Nov 2022 19:40

Tgt Ion:142 Resp: 525
Ion Ratio Lower Upper
142 100
127 29.5 41.5 62.3#
141 0.0 11.9 17.9#

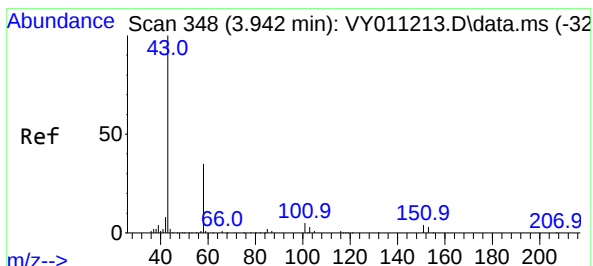
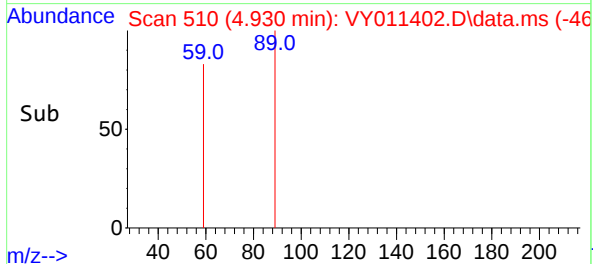
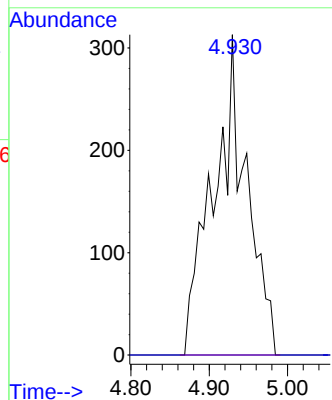
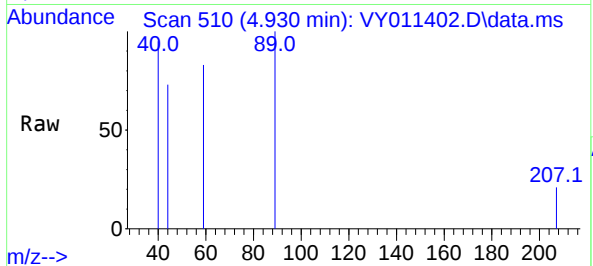




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY011402.D
Acq: 10 Nov 2022 19:40

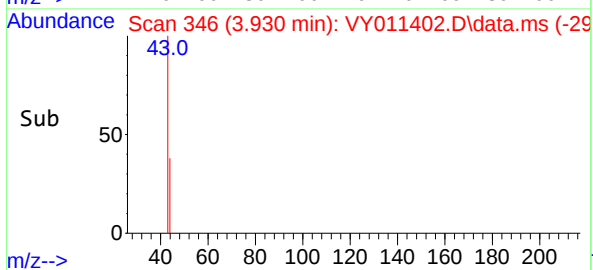
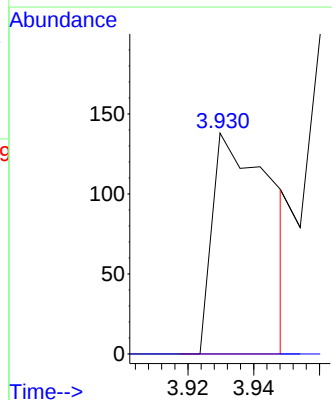
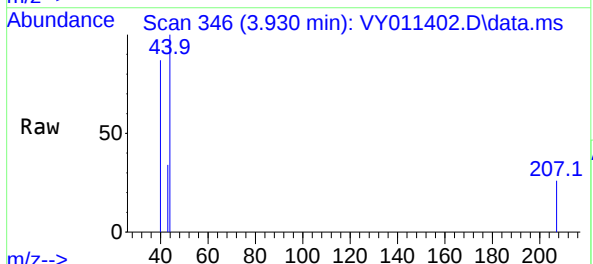
Instrument :
MSVOA_Y
ClientSampleId :
SB-26

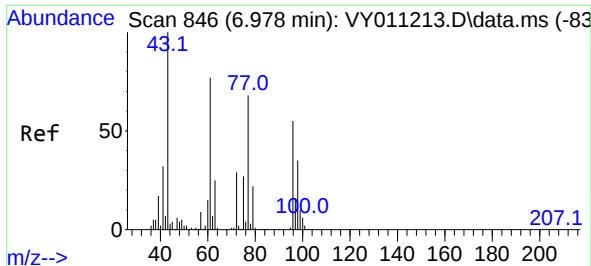
Tgt Ion: 59 Resp: 927
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 1.817 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.012 min
Lab File: VY011402.D
Acq: 10 Nov 2022 19:40

Tgt Ion: 43 Resp: 173
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#25

2-Butanone

Concen: 2.736 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY011402.D

Acq: 10 Nov 2022 19:40

Instrument :

MSVOA_Y

ClientSampleId :

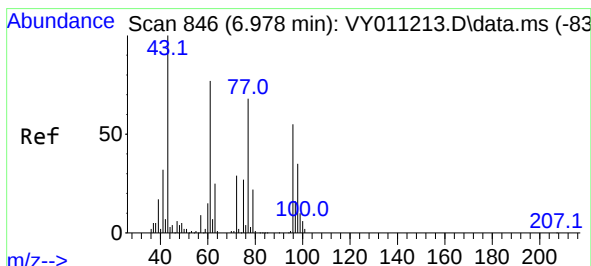
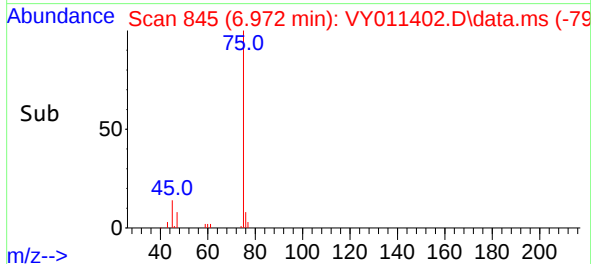
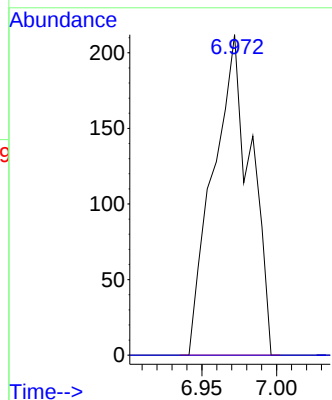
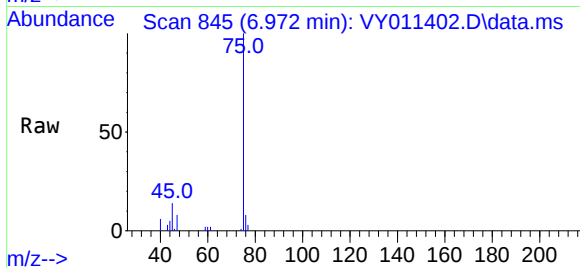
SB-26

Tgt Ion: 43 Resp: 371

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 1.052 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY011402.D

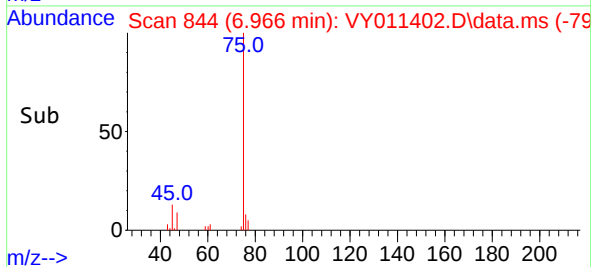
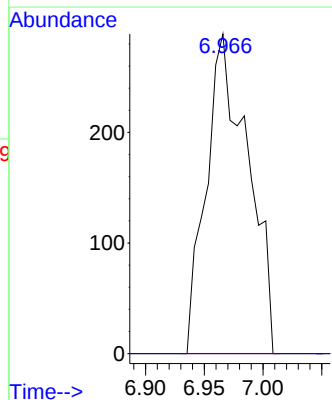
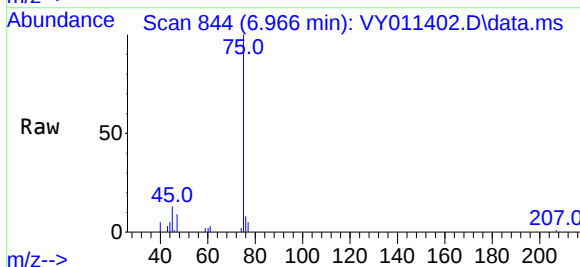
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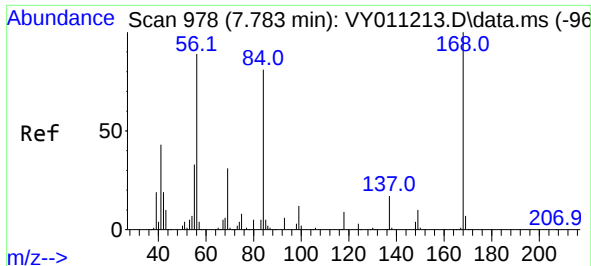
Tgt Ion: 77 Resp: 713

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#

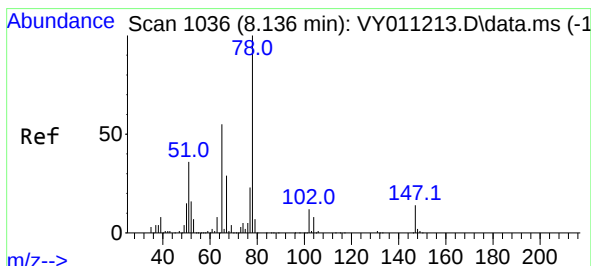
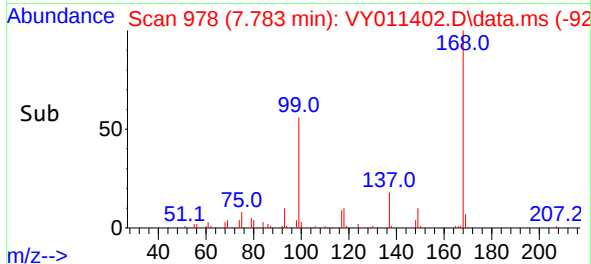
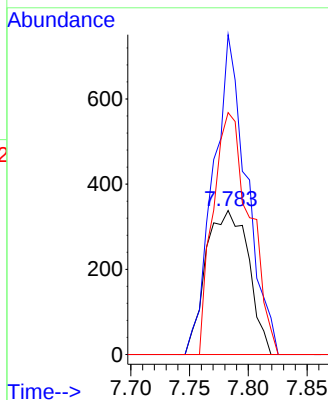
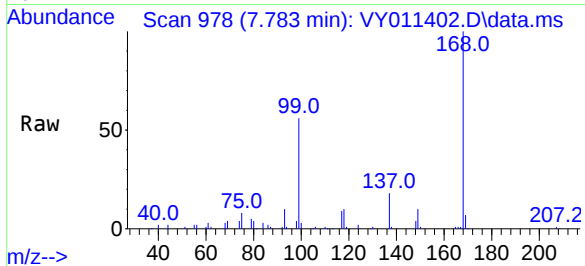




#31
Cyclohexane
Concen: 1.317 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011402.D
Acq: 10 Nov 2022 19:40

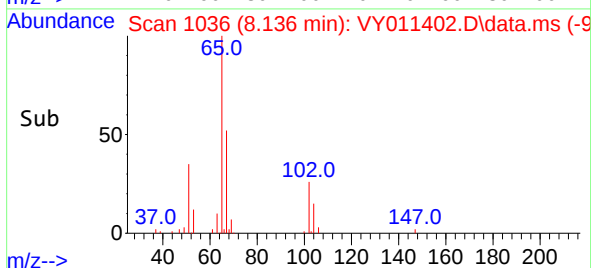
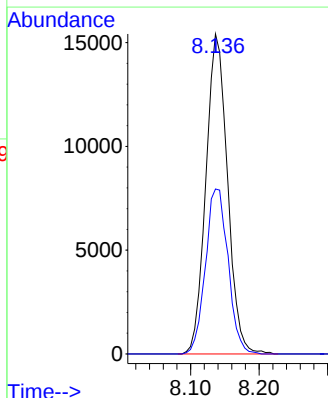
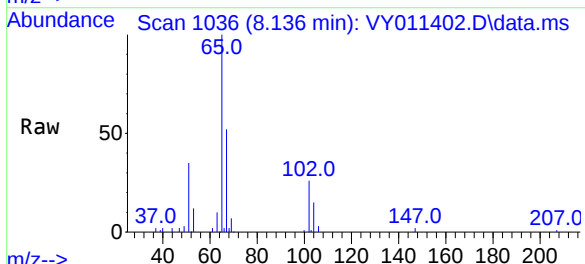
Instrument :
MSVOA_Y
ClientSampleId :
SB-26

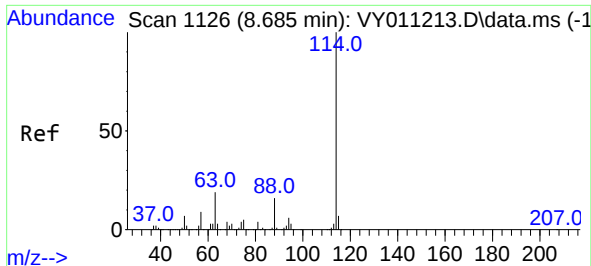
Tgt Ion: 56 Resp: 854
Ion Ratio Lower Upper
56 100
69 222.2 26.7 40.1#
84 168.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 93.615 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011402.D
Acq: 10 Nov 2022 19:40

Tgt Ion: 65 Resp: 33772
Ion Ratio Lower Upper
65 100
67 53.9 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: VY011402.D

Acq: 10 Nov 2022 19:40

Instrument :

MSVOA_Y

ClientSampleId :

SB-26

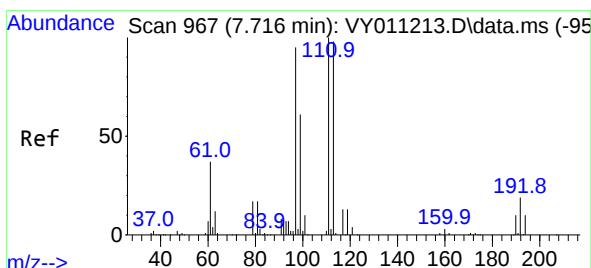
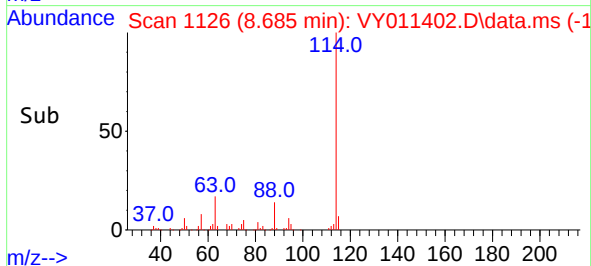
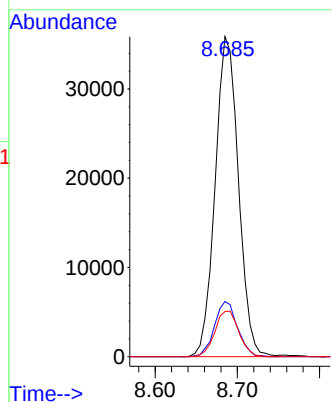
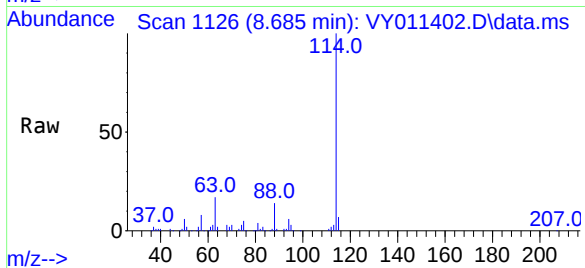
Tgt Ion:114 Resp: 70613

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 82.948 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011402.D

Acq: 10 Nov 2022 19:40

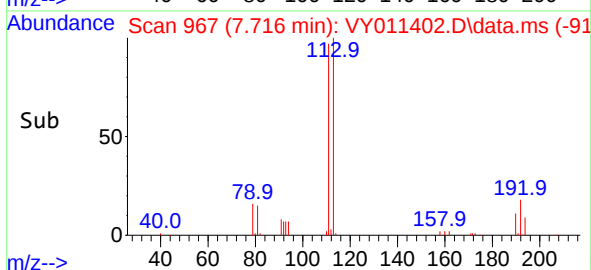
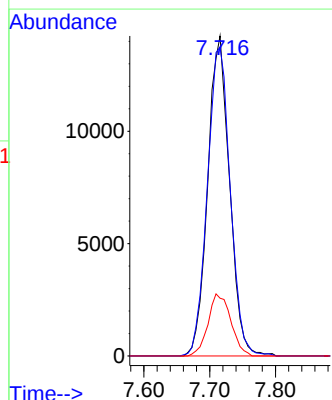
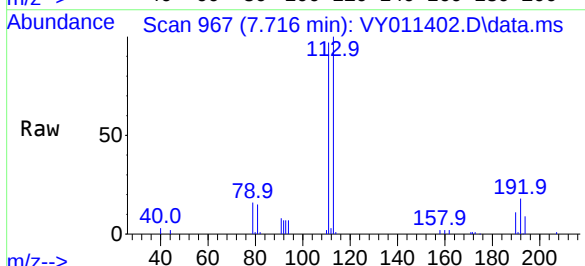
Tgt Ion:113 Resp: 32825

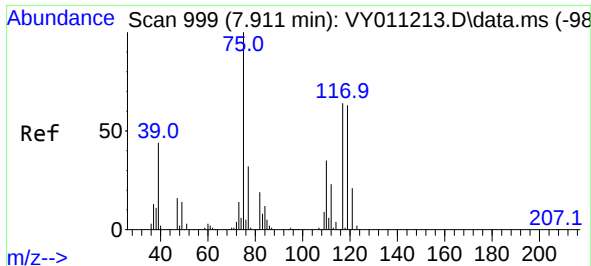
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 20.3 17.6 26.4

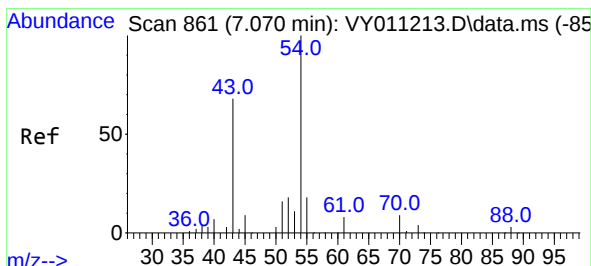
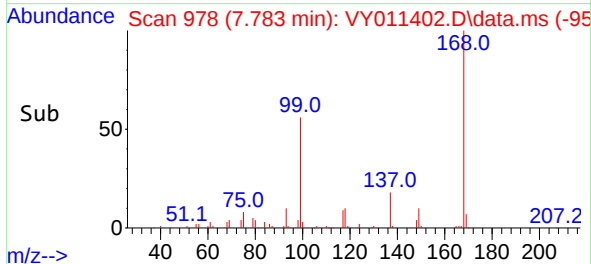
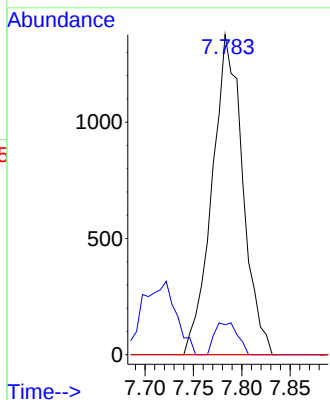
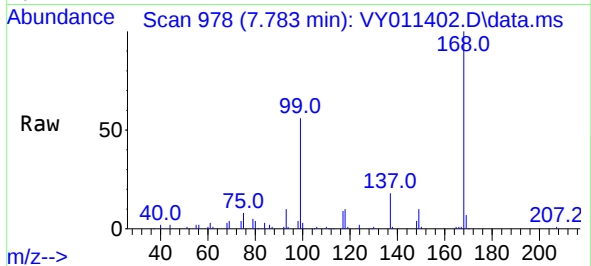




#36
1,1-Dichloropropene
Concen: 4.940 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011402.D
Acq: 10 Nov 2022 19:40

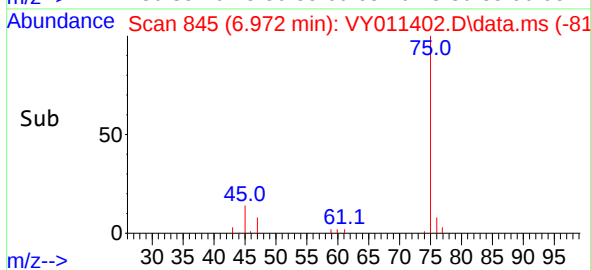
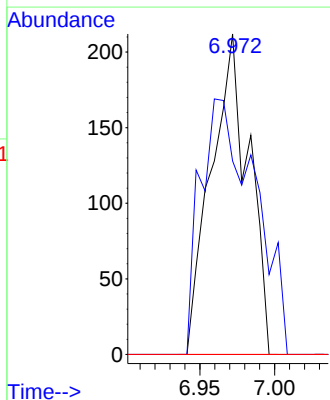
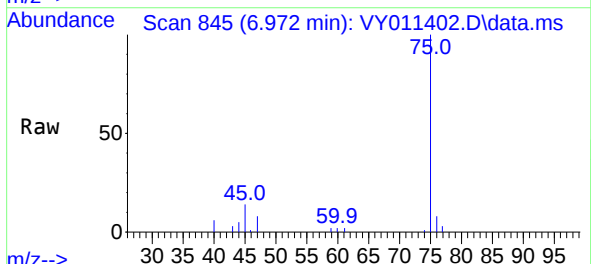
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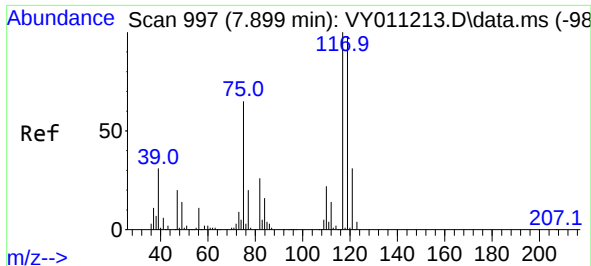
Tgt Ion: 75 Resp: 3034
Ion Ratio Lower Upper
75 100
110 7.5 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.257 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY011402.D
Acq: 10 Nov 2022 19:40

Tgt Ion: 43 Resp: 371
Ion Ratio Lower Upper
43 100
61 115.6 9.7 14.5#
70 0.0 7.1 10.7#

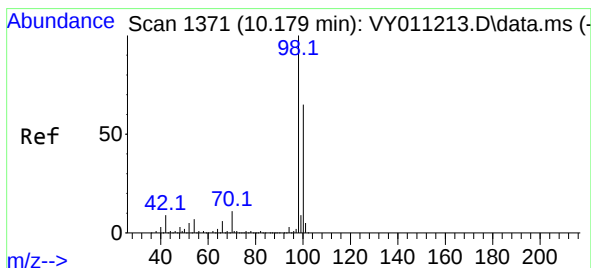
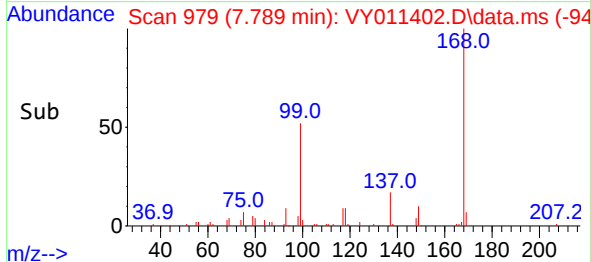
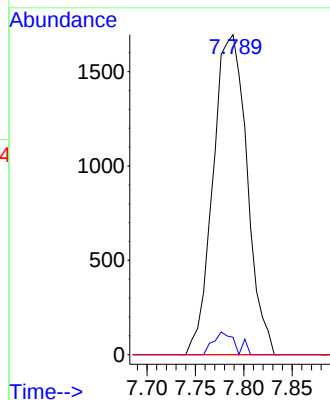
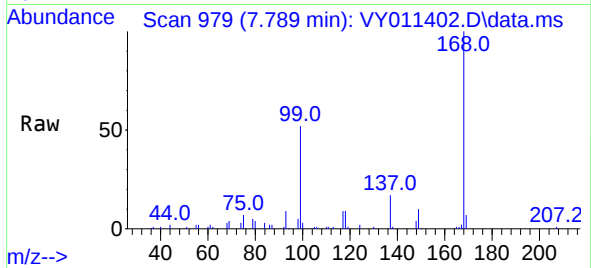




#38
Carbon Tetrachloride
Concen: 6.195 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011402.D
Acq: 10 Nov 2022 19:40

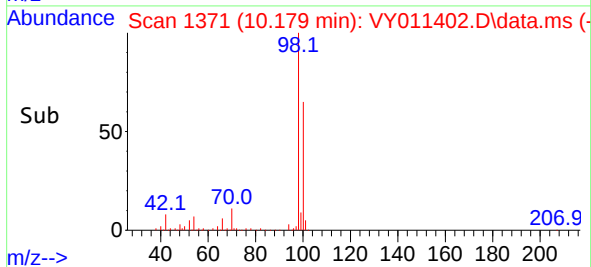
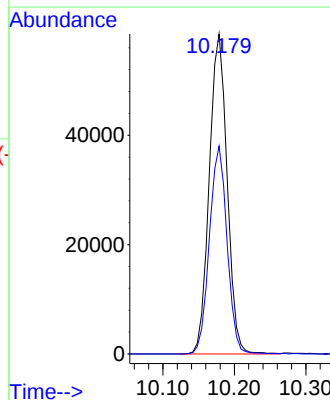
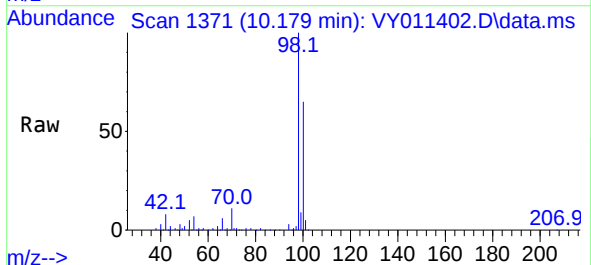
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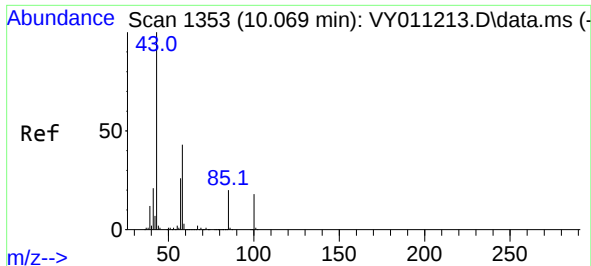
Tgt Ion:117 Resp: 4139
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 67.149 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011402.D
Acq: 10 Nov 2022 19:40

Tgt Ion: 98 Resp: 101516
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

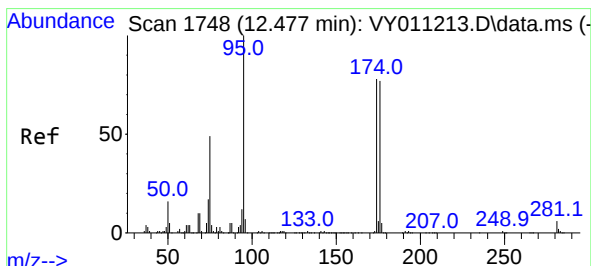
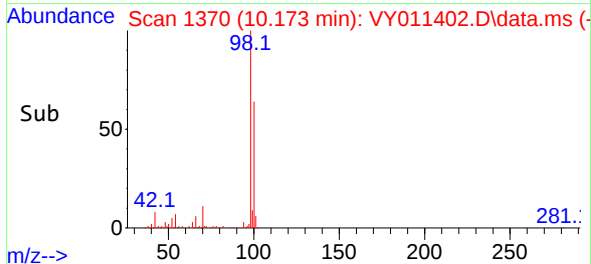
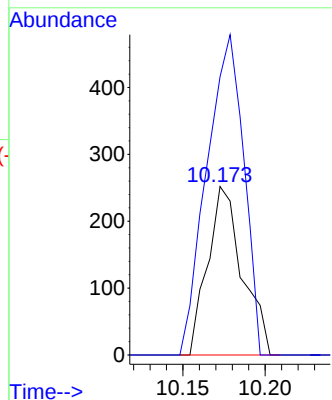
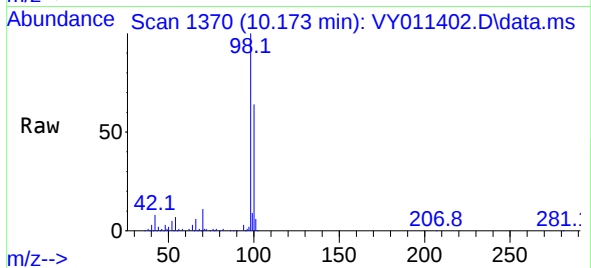




#51
4-Methyl-2-Pentanone
Concen: 1.289 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY011402.D
Acq: 10 Nov 2022 19:40

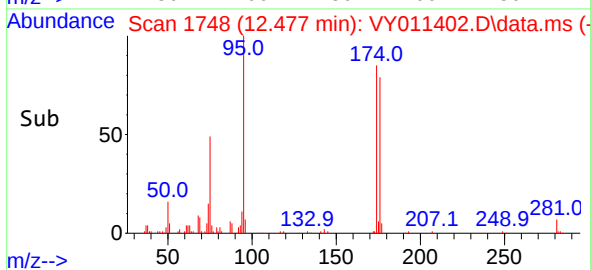
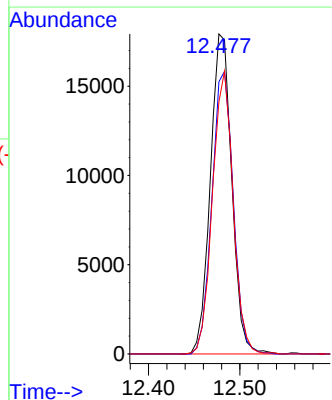
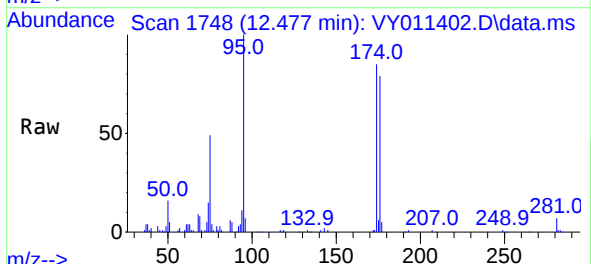
Instrument :
MSVOA_Y
ClientSampleId :
SB-26

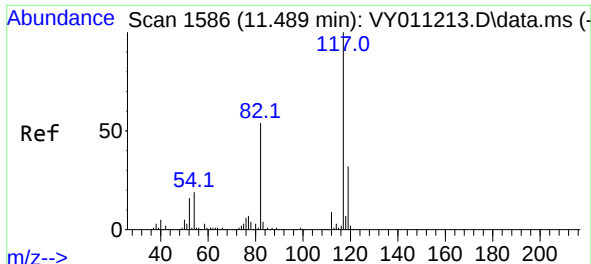
Tgt Ion: 43 Resp: 369
Ion Ratio Lower Upper
43 100
58 202.4 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 55.296 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011402.D
Acq: 10 Nov 2022 19:40

Tgt Ion: 95 Resp: 29158
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 85.4 0.0 175.8

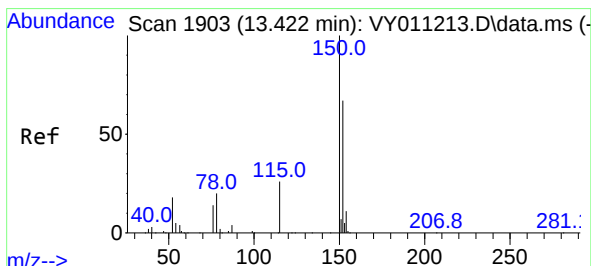
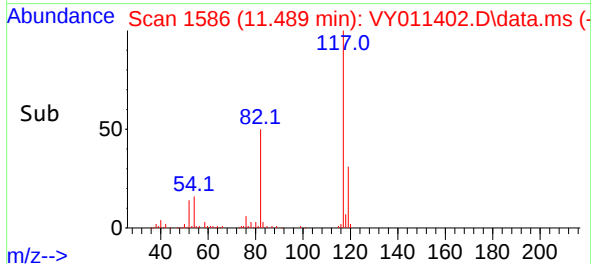
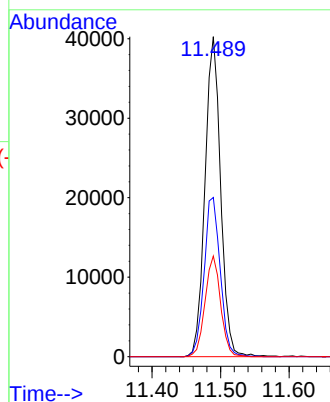
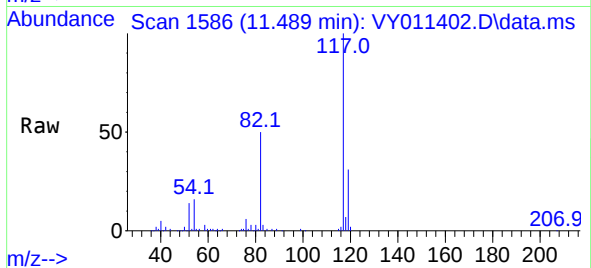




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY011402.D
Acq: 10 Nov 2022 19:40

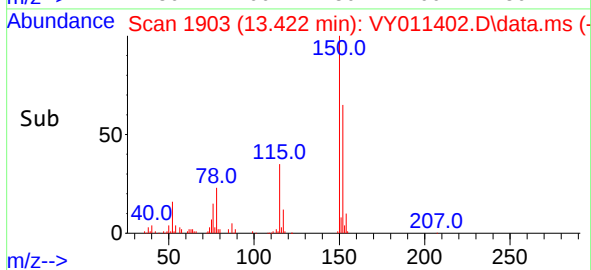
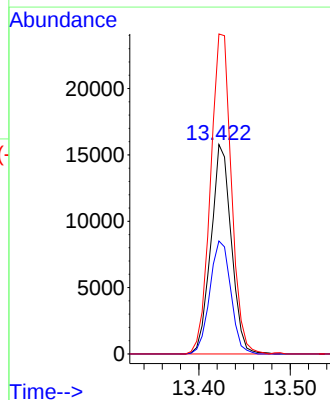
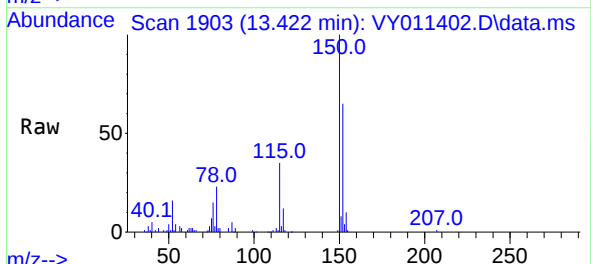
Instrument :
MSVOA_Y
ClientSampleId :
SB-26

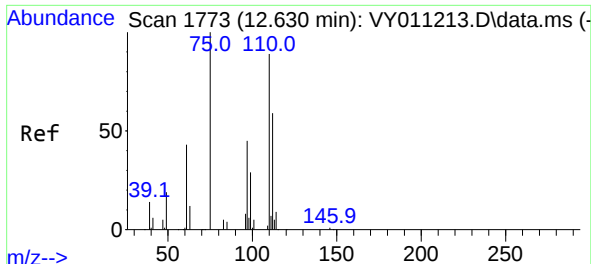
Tgt Ion:117	Resp:	64093
Ion Ratio	Lower	Upper
117	100	
82	49.8	43.0 64.4
119	31.4	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011402.D
Acq: 10 Nov 2022 19:40

Tgt Ion:152	Resp:	24392
Ion Ratio	Lower	Upper
152	100	
115	55.6	28.2 84.7
150	156.3	0.0 347.6

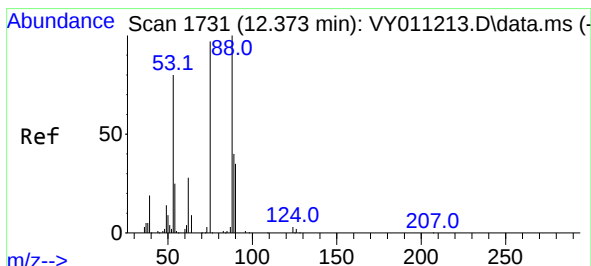
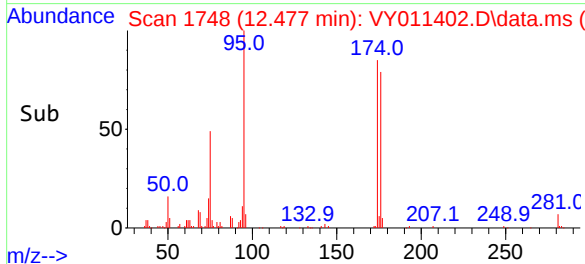
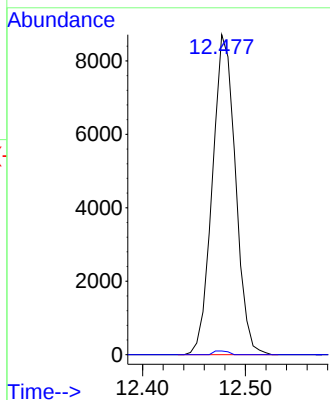
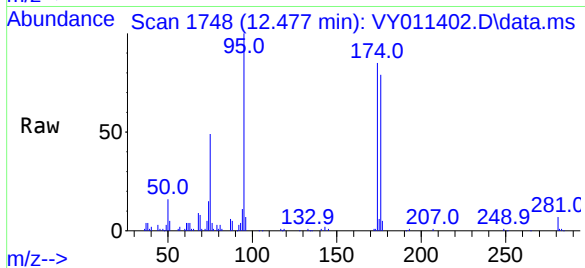




#76
1,2,3-Trichloropropane
Concen: 48.271 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011402.D
Acq: 10 Nov 2022 19:40

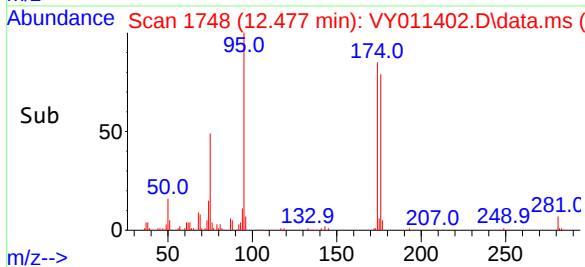
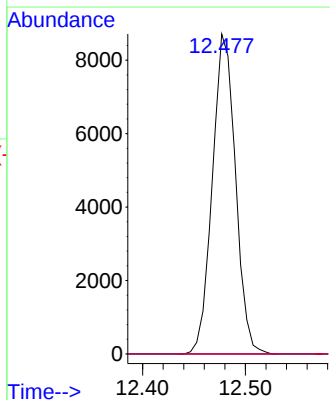
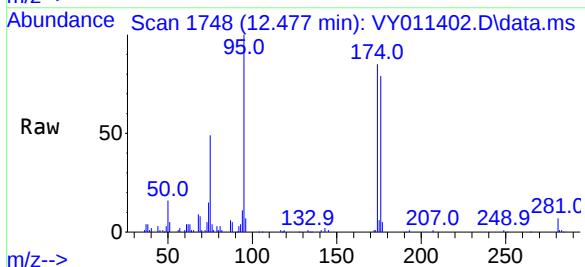
Instrument :
MSVOA_Y
ClientSampleId :
SB-26

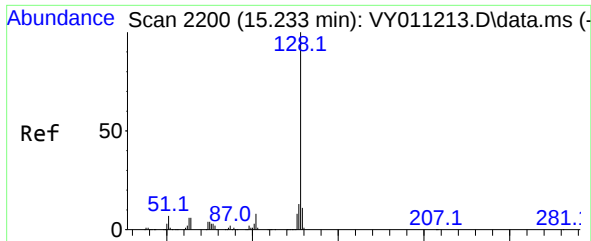
Tgt Ion: 75 Resp: 13629
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.028 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011402.D
Acq: 10 Nov 2022 19:40

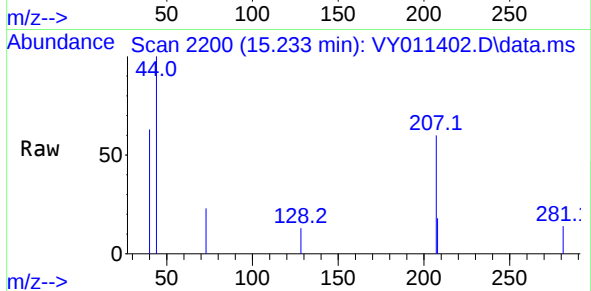
Tgt Ion: 75 Resp: 13629
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 3.299 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011402.D
Acq: 10 Nov 2022 19:40

Instrument :
MSVOA_Y
ClientSampleId :
SB-26



Tgt Ion:128 Resp: 23
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

