

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009279.D
 Acq On : 22 Jun 2022 18:06
 Operator : KP/MD
 Sample : N3430-04
 Misc : 3.28/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-6-8-20220621

Quant Time: Jun 23 01:57:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

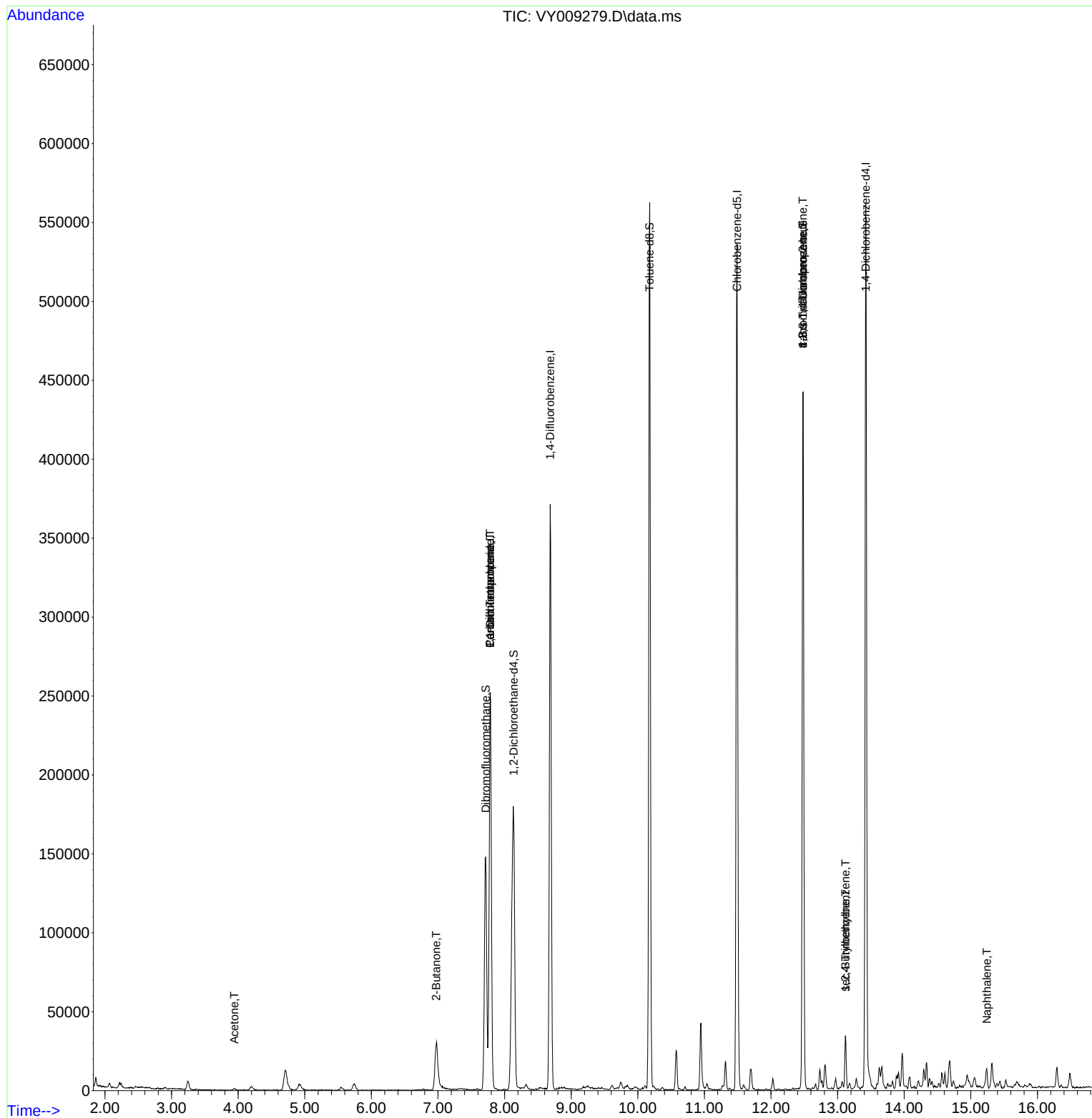
Internal Standards						
1) Pentafluorobenzene	7.783	168	209940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	305106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154084	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102599	44.50	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.00%		
35) Dibromofluoromethane	7.716	113	101748	47.40	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.80%		
50) Toluene-d8	10.179	98	370130	44.89	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.78%		
62) 4-Bromofluorobenzene	12.477	95	132377	45.69	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.38%		
Target Compounds						
11) Tert butyl alcohol	4.911	59	2488	Below Cal	#	77
16) Acetone	3.942	43	1516	2.66	ug/l	99
18) Methyl Acetate	4.472	43	23	Below Cal	#	56
20) Methylene Chloride	4.716	84	9817	Below Cal	#	78
25) 2-Butanone	6.972	43	2036	2.21	ug/l	# 71
36) 1,1-Dichloropropene	7.783	75	13922	4.26	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	19386	5.71	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	66873	37.02	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	66873	78.49	ug/l	# 7
84) 1,2,4-Trimethylbenzene	13.117	105	17959	1.83	ug/l	92
85) sec-Butylbenzene	13.117	105	17959	1.37	ug/l	# 56
95) Naphthalene	15.239	128	10001	1.60	ug/l	99

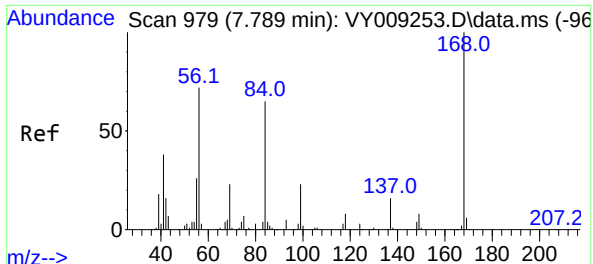
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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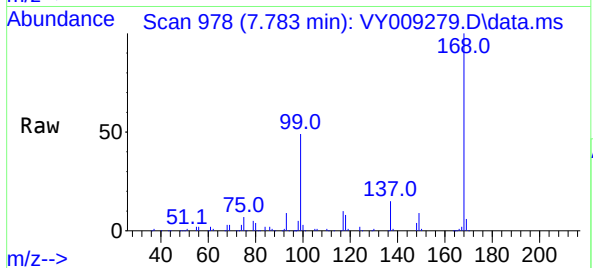
Quant Time: Jun 23 01:57:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
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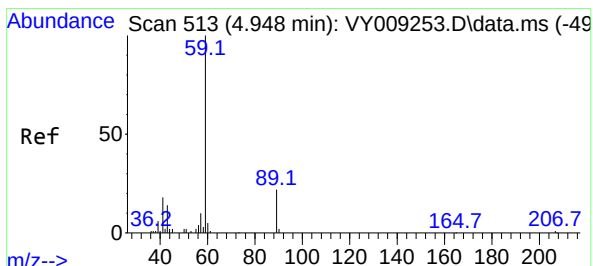
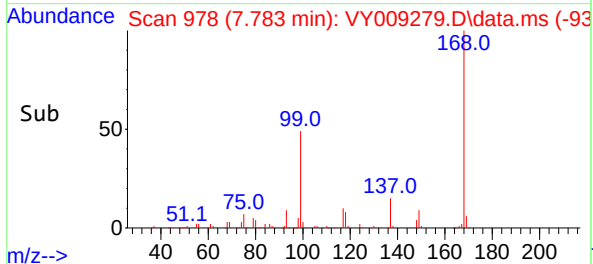
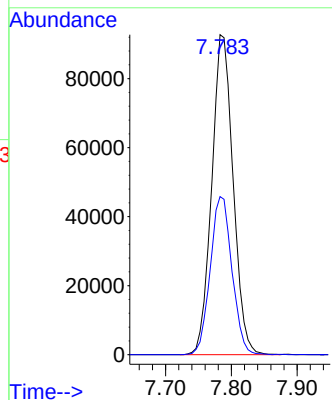


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-6-8-20220621

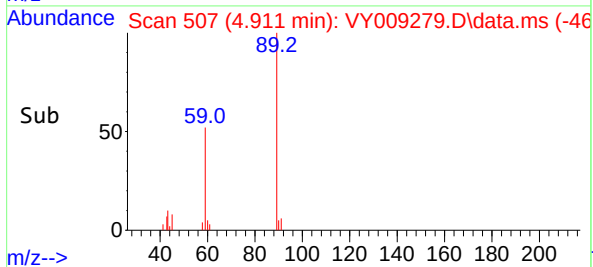
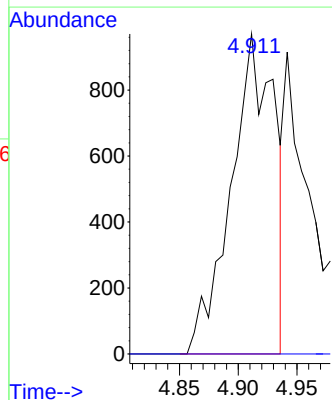
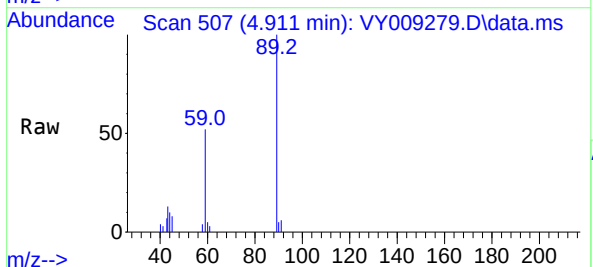


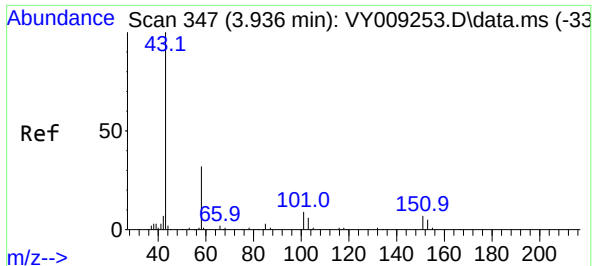
Tgt Ion:168 Resp: 209940
Ion Ratio Lower Upper
168 100
99 49.4 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.037 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

Tgt Ion: 59 Resp: 2488
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

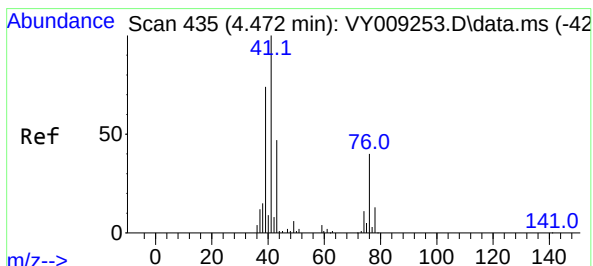
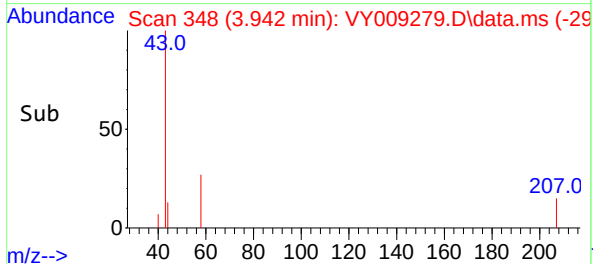
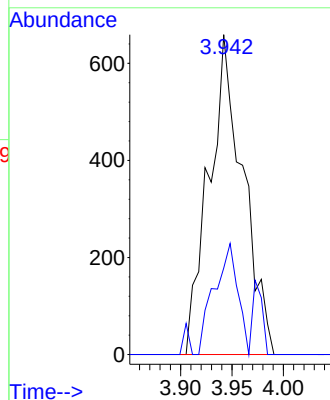
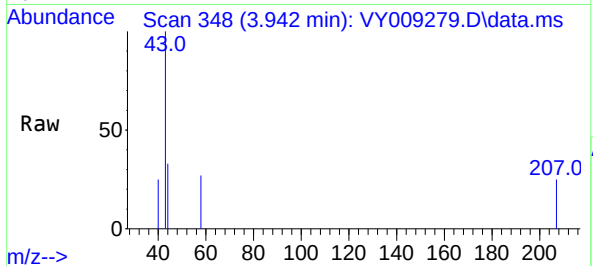




#16
Acetone
Concen: 2.66 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

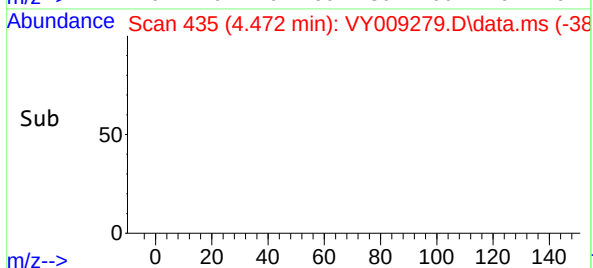
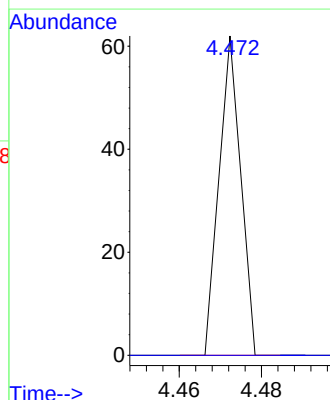
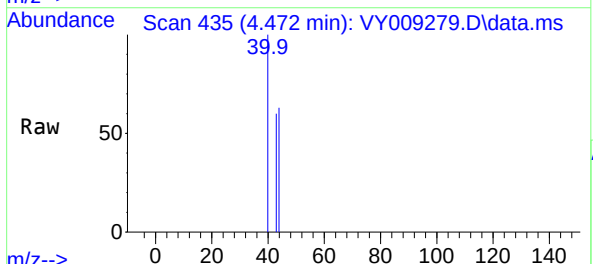
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-6-8-20220621

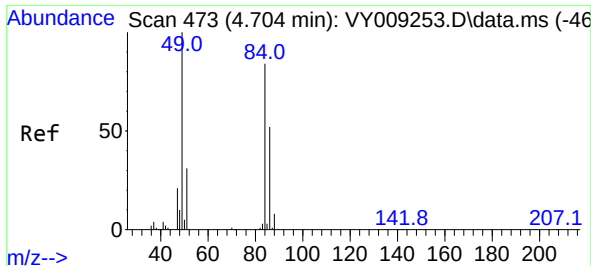
Tgt Ion: 43 Resp: 1516
Ion Ratio Lower Upper
43 100
58 27.0 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

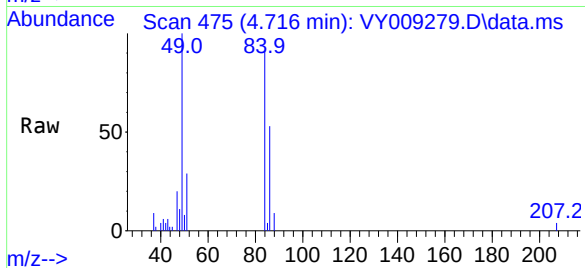
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





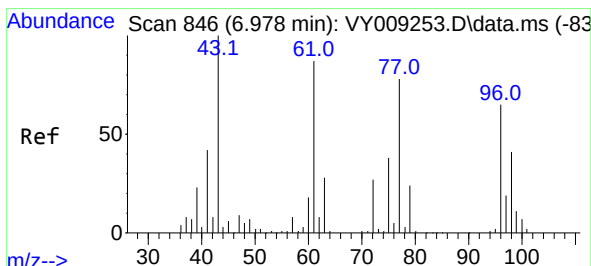
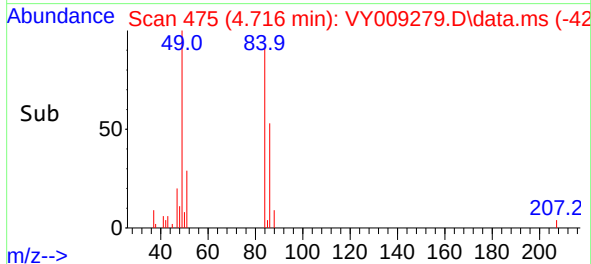
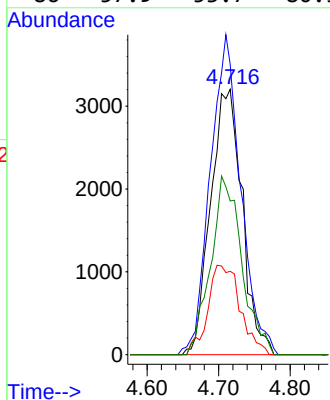
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-6-8-20220621



Tgt Ion: 84 Resp: 9817

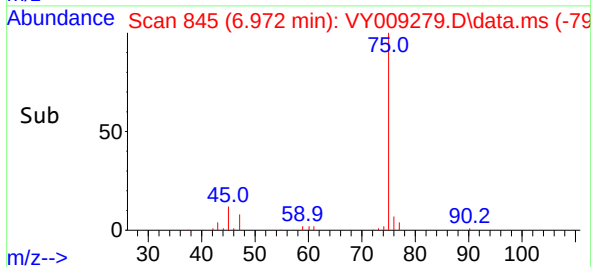
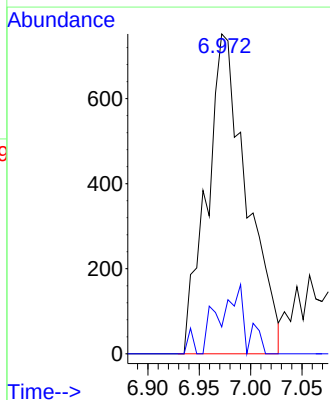
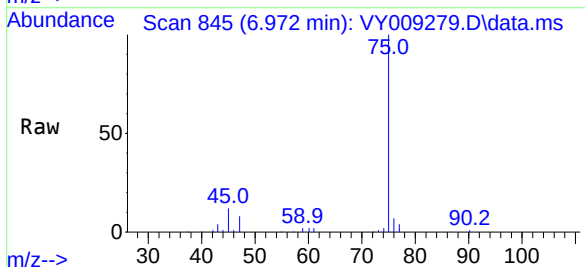
Ion	Ratio	Lower	Upper
84	100		
49	109.3	114.4	171.6#
51	31.4	35.3	52.9#
86	57.9	53.7	80.5

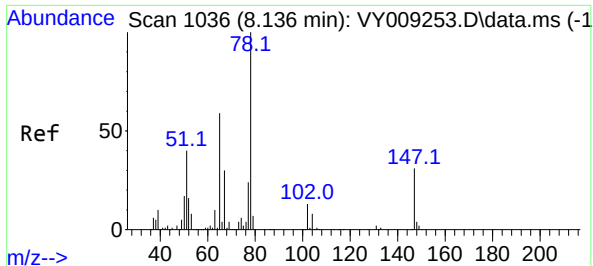


#25
2-Butanone
Concen: 2.21 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

Tgt Ion: 43 Resp: 2036

Ion	Ratio	Lower	Upper
43	100		
72	8.4	17.7	26.5#





#33

1,2-Dichloroethane-d4

Concen: 44.50 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009279.D

Acq: 22 Jun 2022 18:06

Instrument :

MSVOA_Y

ClientSampleId :

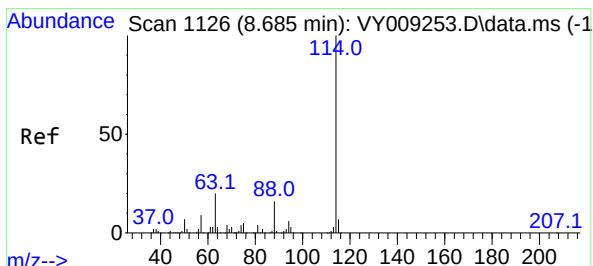
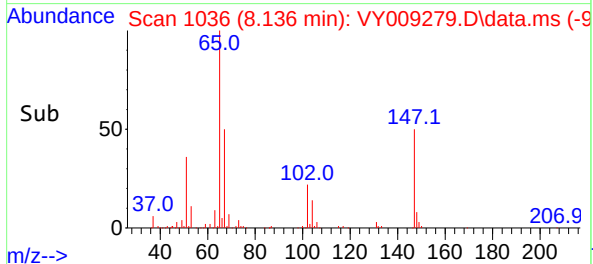
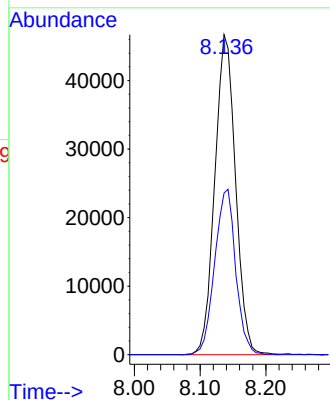
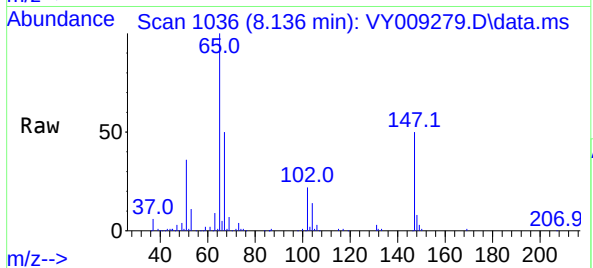
SB-5-6-8-20220621

Tgt Ion: 65 Resp: 102599

Ion Ratio Lower Upper

65 100

67 52.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009279.D

Acq: 22 Jun 2022 18:06

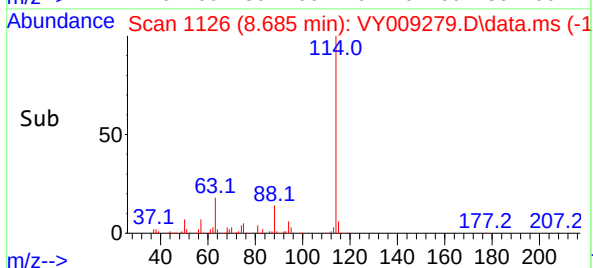
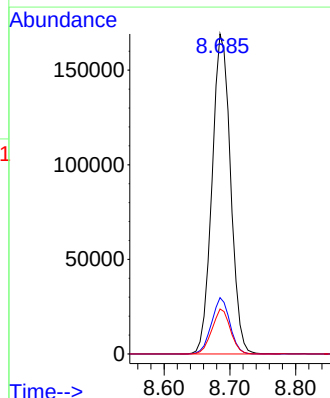
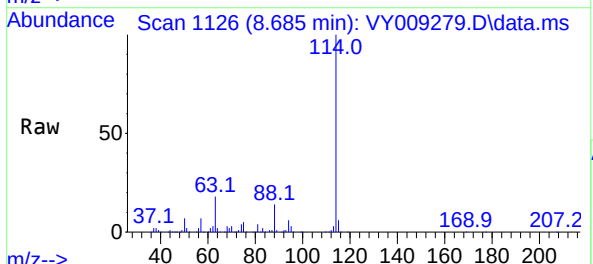
Tgt Ion: 114 Resp: 331432

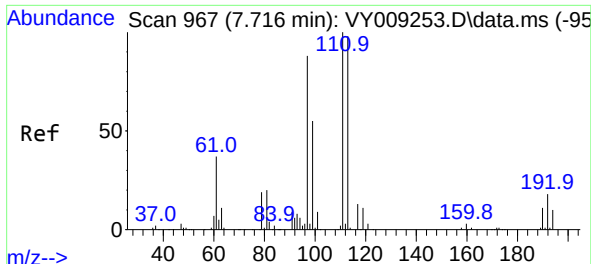
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.0 0.0 31.8

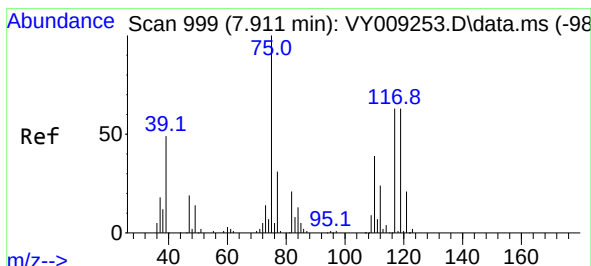
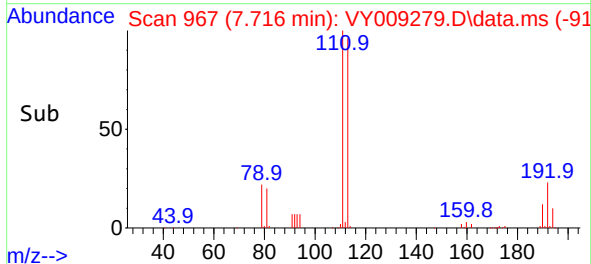
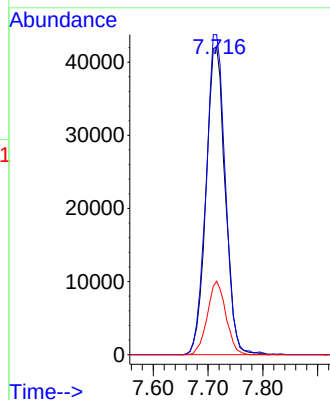
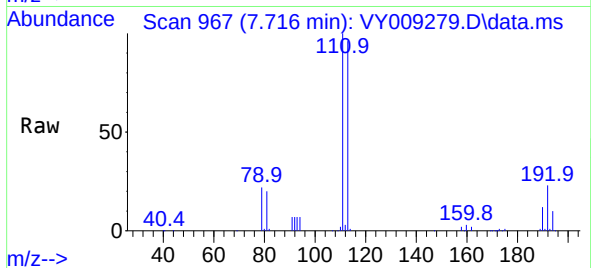




#35
Dibromofluoromethane
Concen: 47.40 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

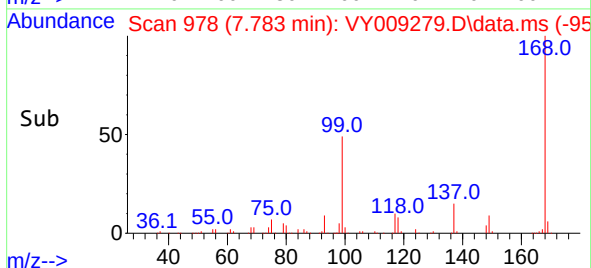
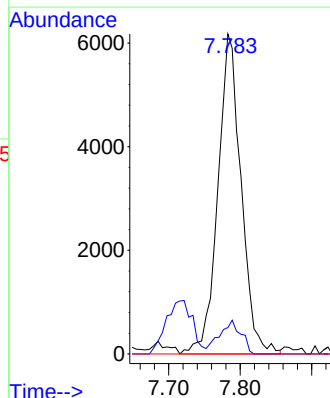
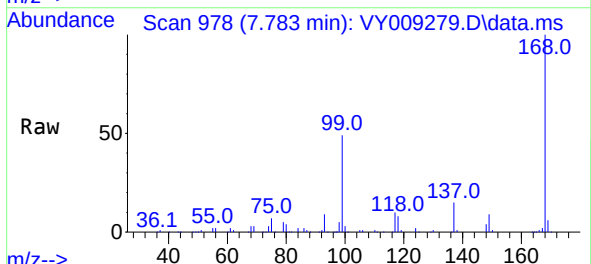
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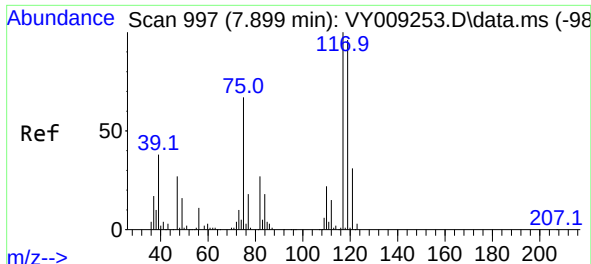
Tgt Ion:113 Resp: 101748
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 23.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.26 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

Tgt Ion: 75 Resp: 13922
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#

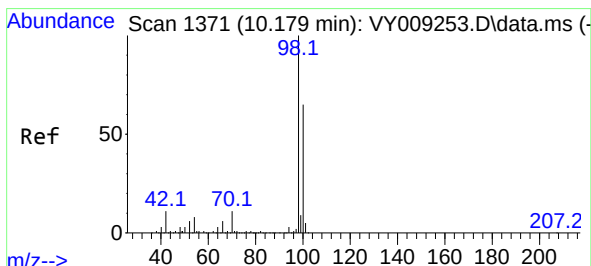
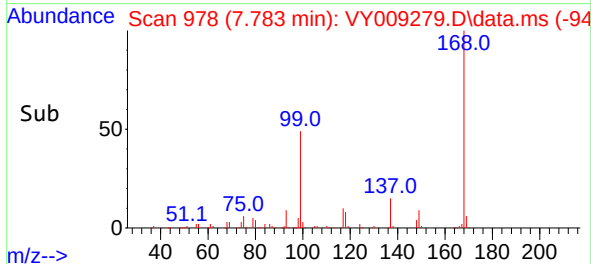
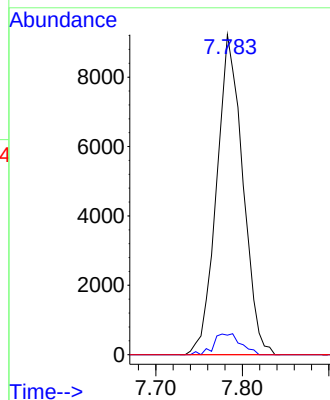
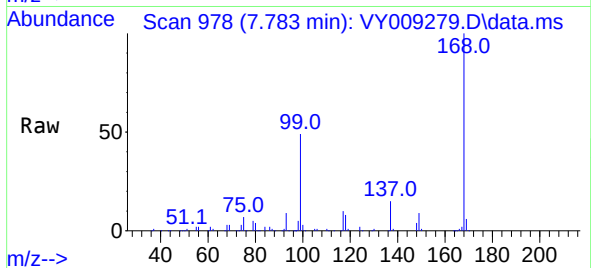




#38
Carbon Tetrachloride
Concen: 5.71 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

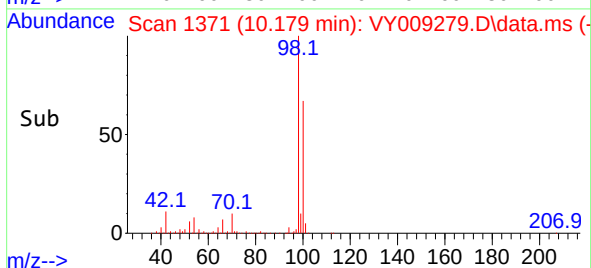
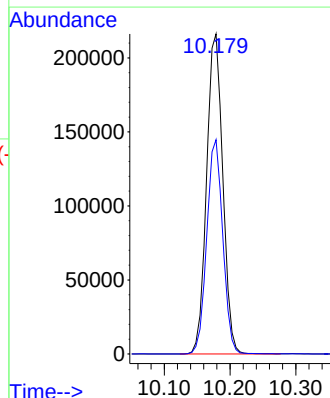
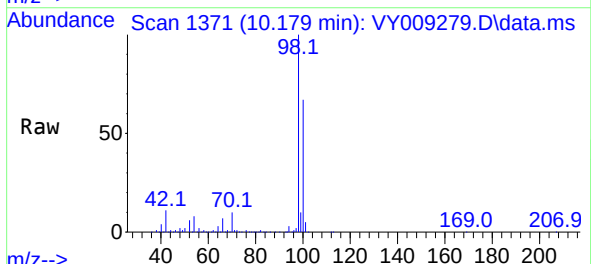
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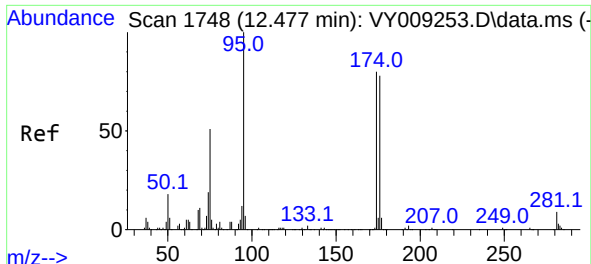
Tgt Ion:117 Resp: 19386
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 44.89 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

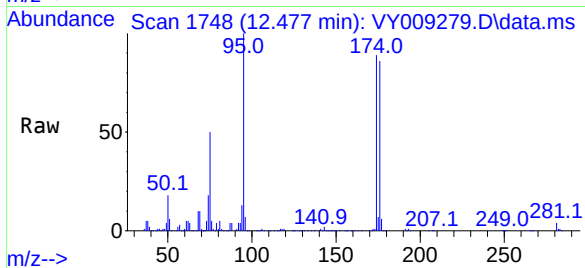
Tgt Ion: 98 Resp: 370130
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



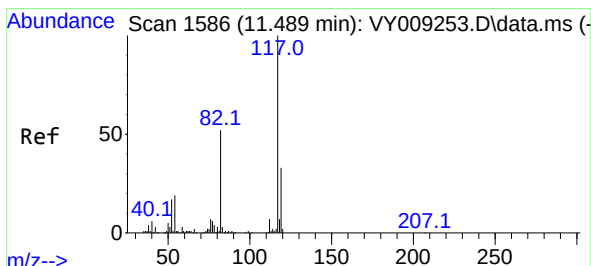
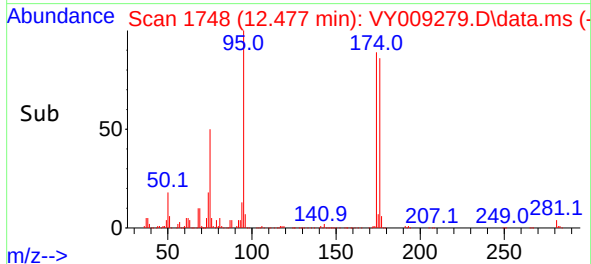
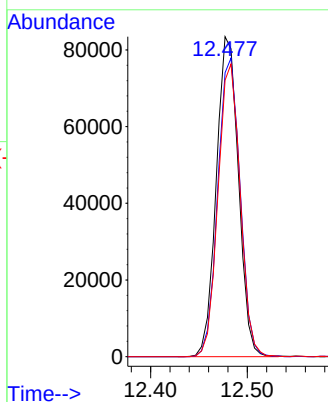


#62
4-Bromofluorobenzene
Concen: 45.69 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-6-8-20220621

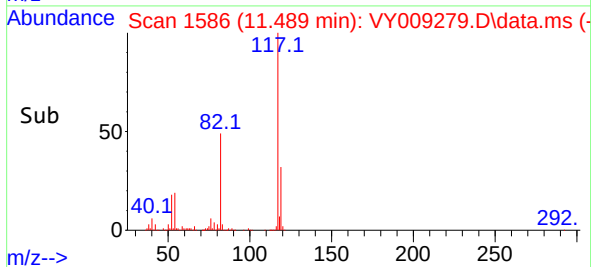
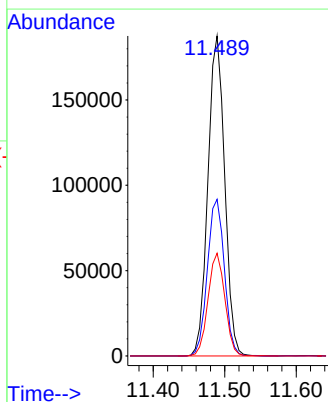
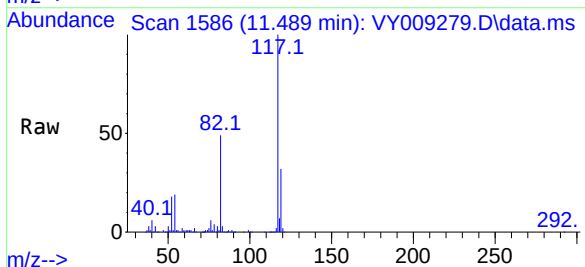


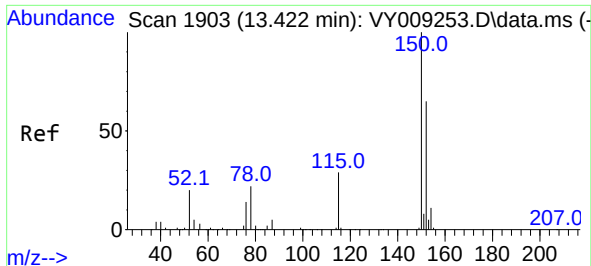
Tgt Ion: 95 Resp: 132377
Ion Ratio Lower Upper
95 100
174 93.9 0.0 177.0
176 91.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

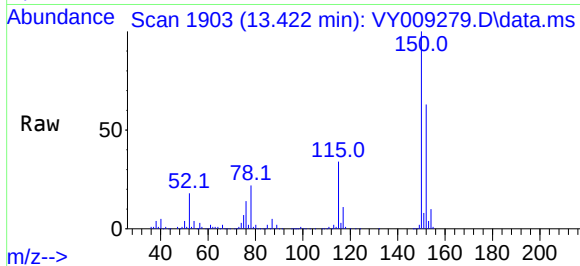
Tgt Ion: 117 Resp: 305106
Ion Ratio Lower Upper
117 100
82 48.9 43.0 64.4
119 32.1 25.4 38.0



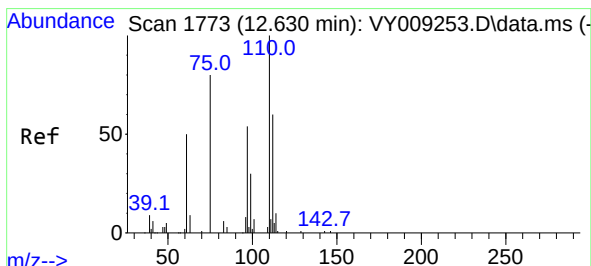
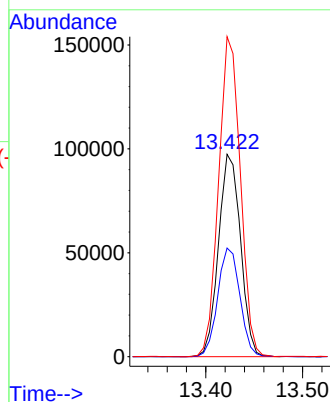
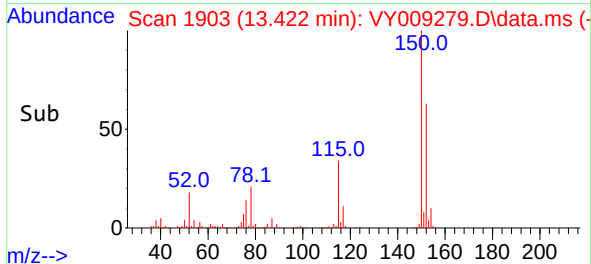


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

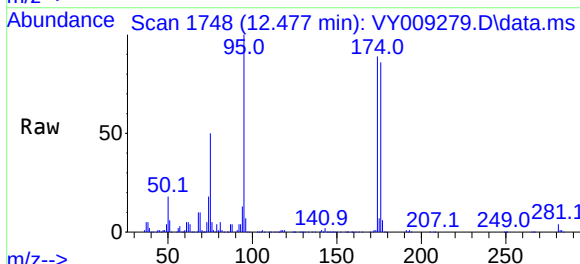
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-6-8-20220621



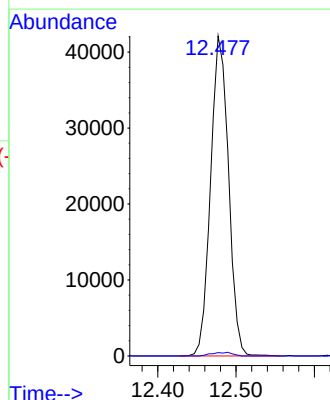
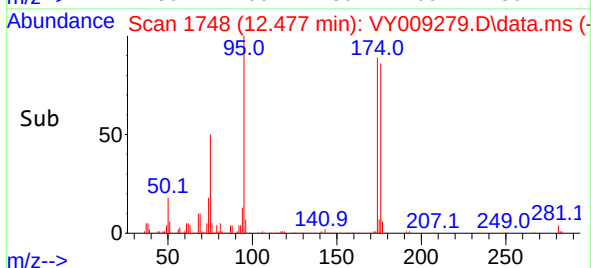
Tgt Ion:152 Resp: 154084
Ion Ratio Lower Upper
152 100
115 54.0 28.2 84.7
150 156.2 0.0 347.6

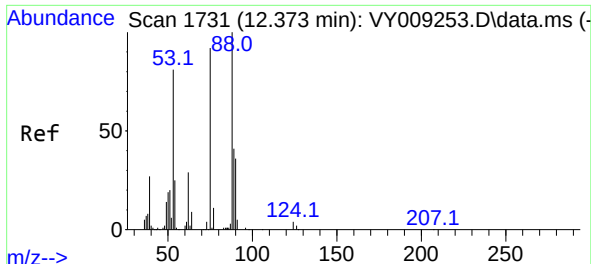


#76
1,2,3-Trichloropropane
Concen: 37.02 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06



Tgt Ion: 75 Resp: 66873
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

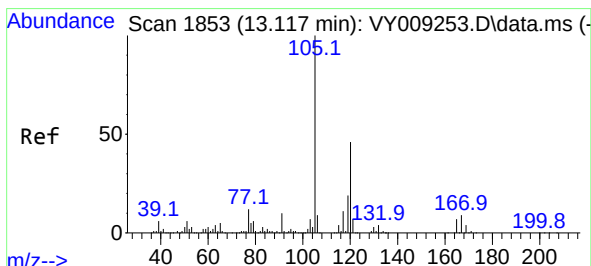
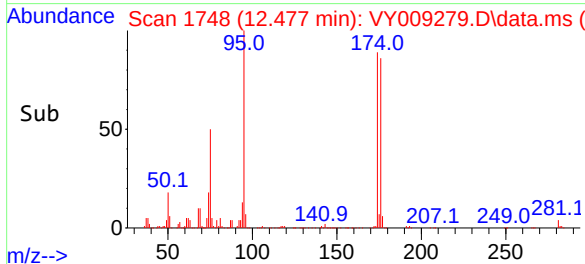
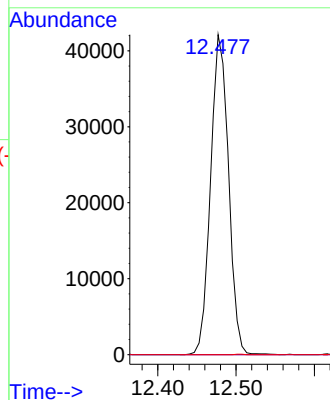
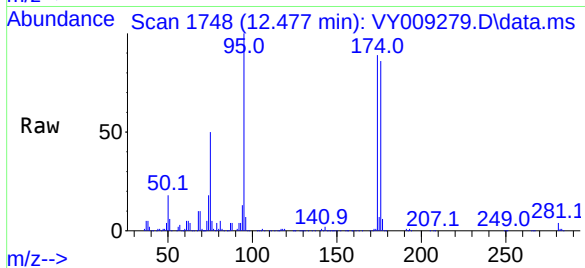




#81
trans-1,4-Dichloro-2-butene
Concen: 78.49 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

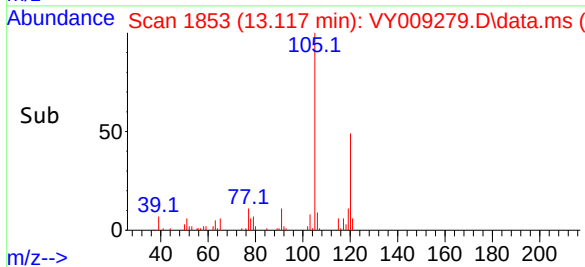
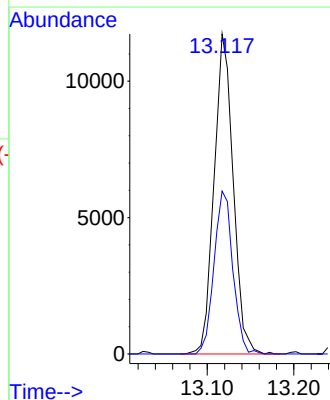
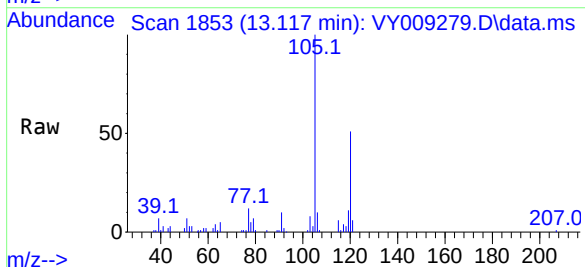
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-6-8-20220621

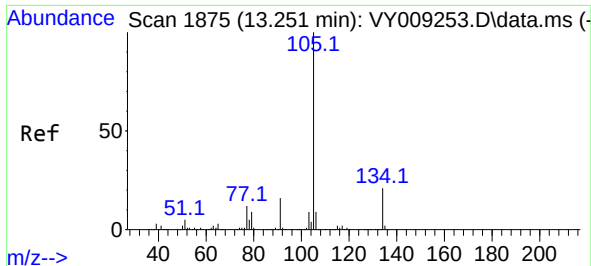
Tgt Ion: 75 Resp: 66873
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.83 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

Tgt Ion:105 Resp: 17959
Ion Ratio Lower Upper
105 100
120 50.1 22.3 66.9

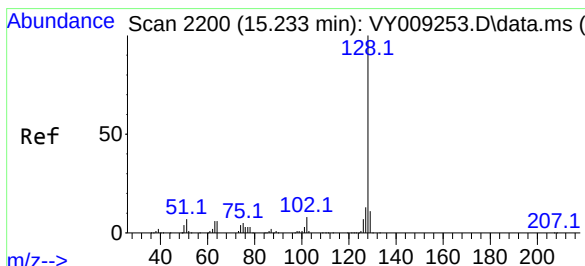
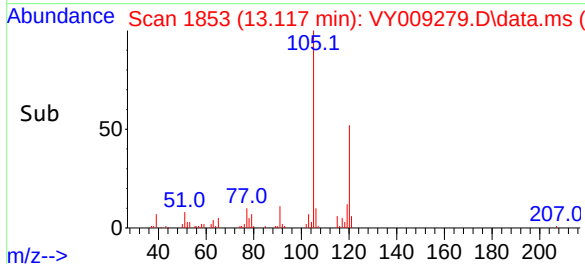
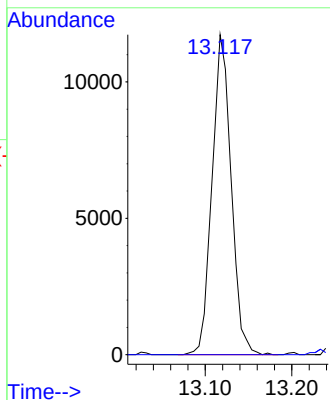
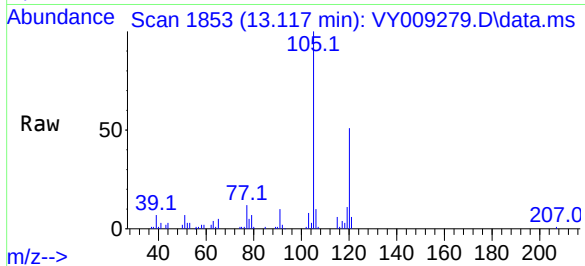




#85
sec-Butylbenzene
Concen: 1.37 ug/l
RT: 13.117 min Scan# 11
Delta R.T. -0.134 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-6-8-20220621

Tgt Ion:105 Resp: 17959
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#



#95
Naphthalene
Concen: 1.60 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

Tgt Ion:128 Resp: 10001
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.4
129 11.3 8.4 12.6

