

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007927.D
 Acq On : 19 Mar 2022 02:26
 Operator : SY/MD
 Sample : N1958-07
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-7-6-7

Quant Time: Mar 21 03:18:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

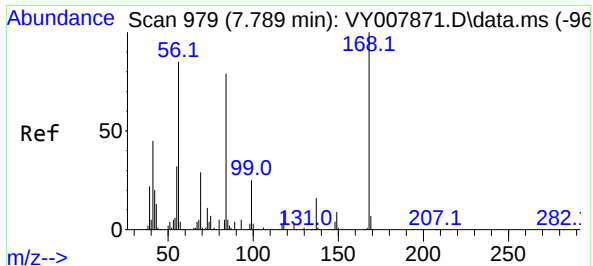
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	249147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	467409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	427161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	163297	57.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.960%	
35) Dibromofluoromethane	7.715	113	147628	44.973	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.940%	
50) Toluene-d8	10.178	98	567381	58.208	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.420%	
62) 4-Bromofluorobenzene	12.483	95	195671	41.534	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.060%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.893	85	89	Below Cal	#	43
3) Chloromethane	2.113	50	809	Below Cal		97
4) Vinyl Chloride	2.253	62	106	Below Cal	#	43
5) Bromomethane	2.643	94	235	Below Cal	#	21
16) Acetone	3.948	43	5699	7.562	ug/l	100
17) Carbon Disulfide	4.192	76	2560	Below Cal		96
18) Methyl Acetate	4.472	43	443	Below Cal	#	56
20) Methylene Chloride	4.710	84	42760	11.025	ug/l	87
31) Cyclohexane	7.782	56	5535	Below Cal	#	1
36) 1,1-Dichloropropene	7.782	75	21092	4.332	ug/l #	50
38) Carbon Tetrachloride	7.789	117	25359	4.874	ug/l #	15
39) Methylcyclohexane	9.191	83	142	Below Cal	#	37
67) Ethyl Benzene	11.593	91	54593	2.995	ug/l	98
68) m/p-Xylenes	11.702	106	12961	1.823	ug/l	100
76) 1,2,3-Trichloropropane	12.483	75	102555	40.003	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	102555	84.023	ug/l #	7

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

Quant Time: Mar 21 03:18:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration

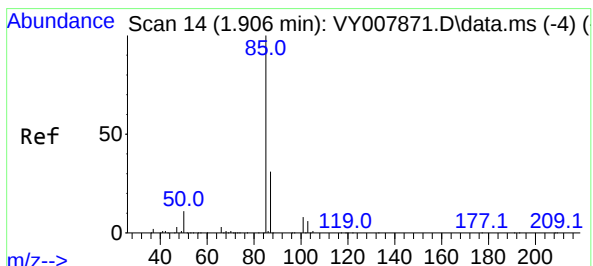
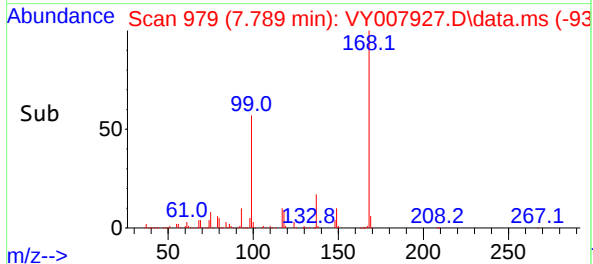
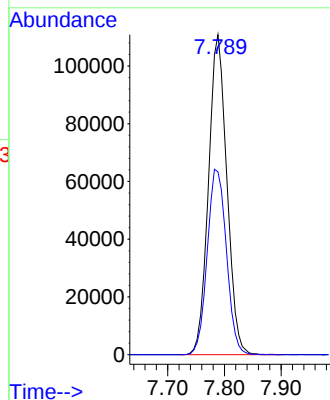
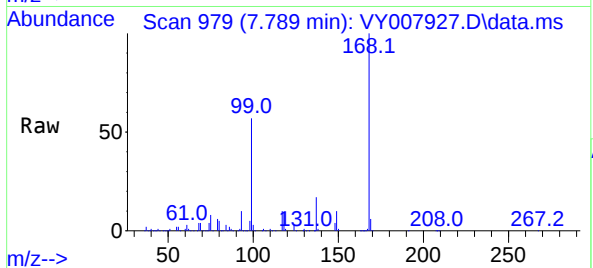




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

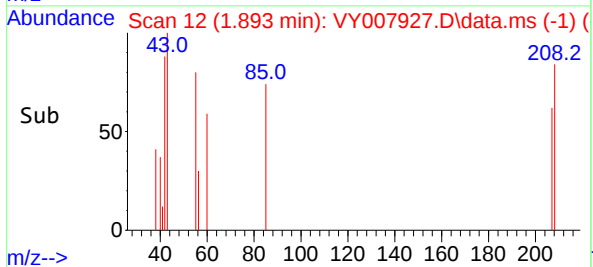
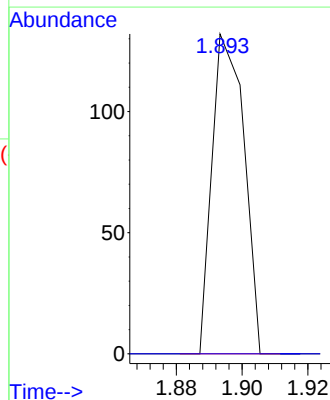
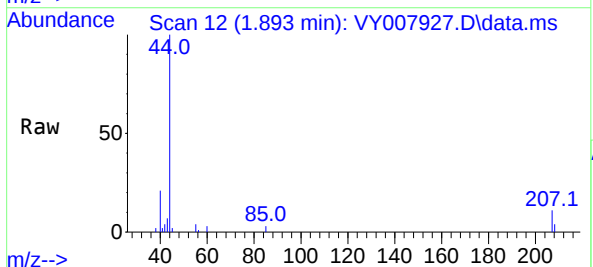
Instrument :
MSVOA_Y
ClientSampleId :
C-7-6-7

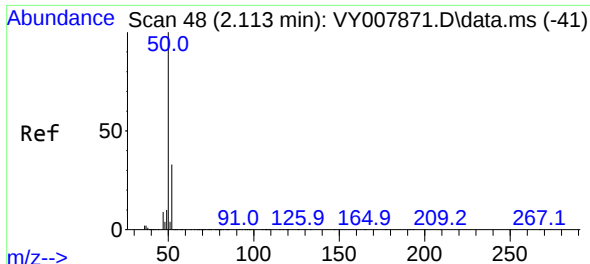
Tgt Ion:168 Resp: 249147
Ion Ratio Lower Upper
168 100
99 57.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.893 min Scan# 12
Delta R.T. -0.013 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

Tgt Ion: 85 Resp: 89
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

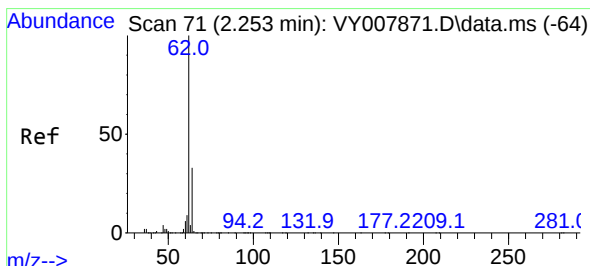
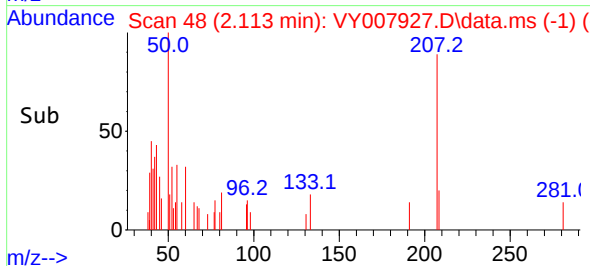
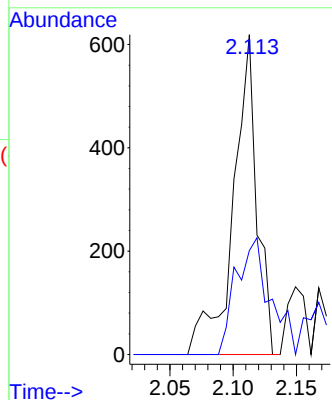
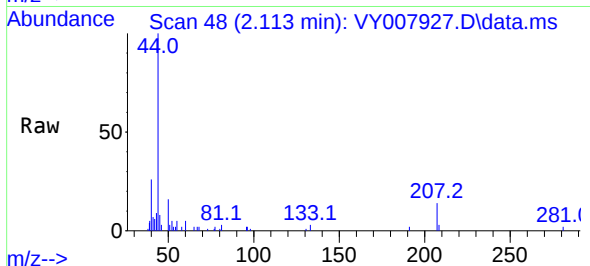




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

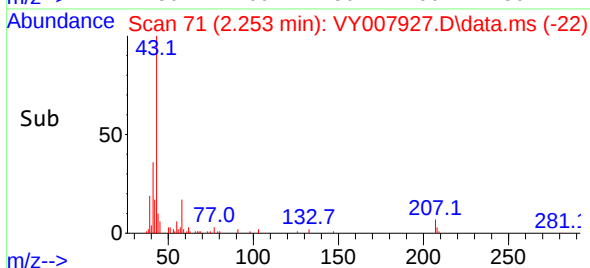
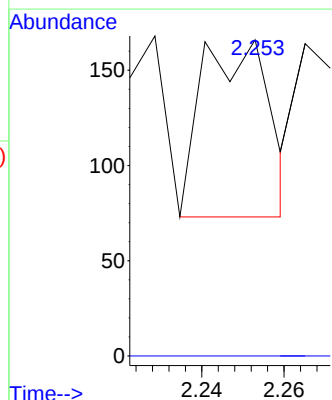
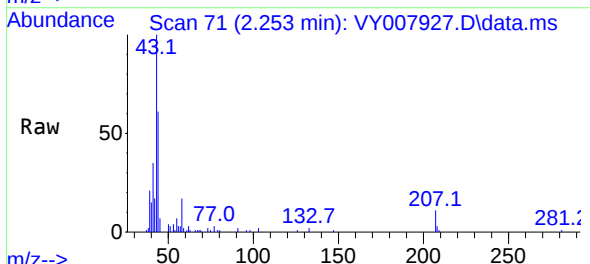
Instrument :
MSVOA_Y
ClientSampleId :
C-7-6-7

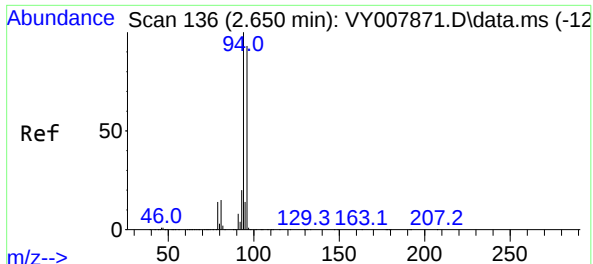
Tgt Ion: 50 Resp: 809
Ion Ratio Lower Upper
50 100
52 32.5 24.6 37.0



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.253 min Scan# 71
Delta R.T. -0.001 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

Tgt Ion: 62 Resp: 106
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

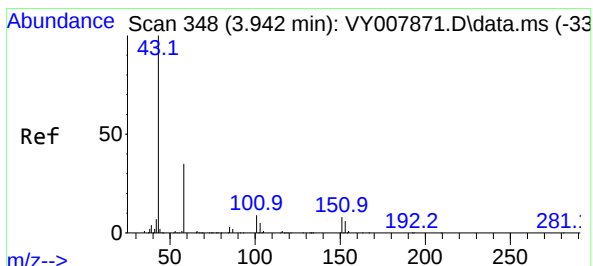
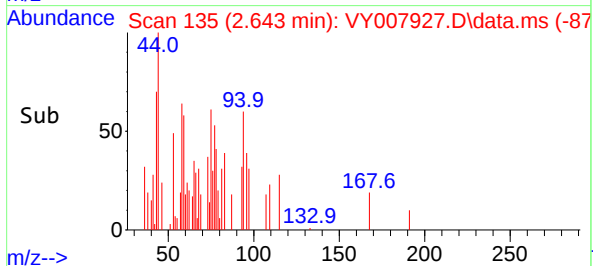
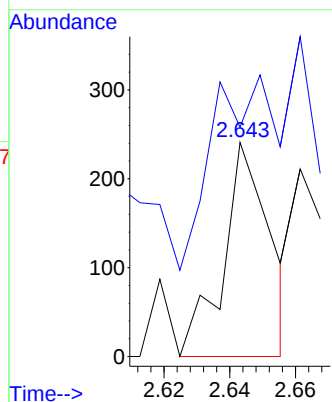
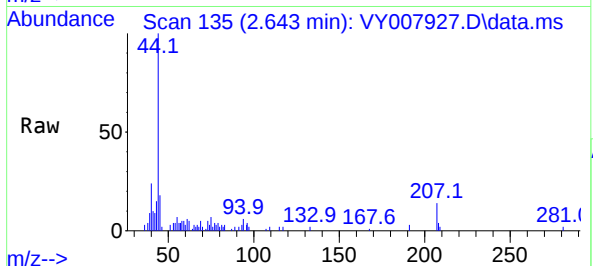




#5
Bromomethane
Concen: Below Cal
RT: 2.643 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

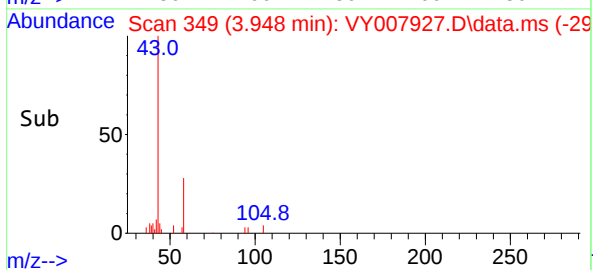
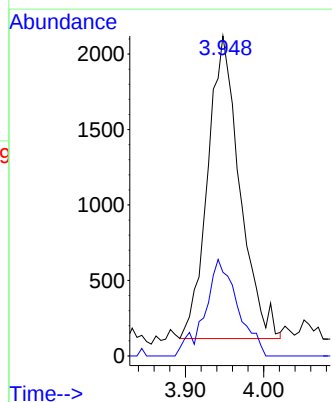
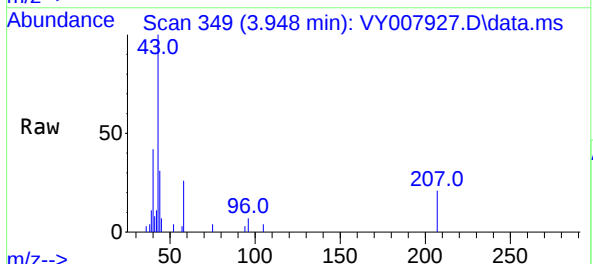
Instrument :
MSVOA_Y
ClientSampleId :
C-7-6-7

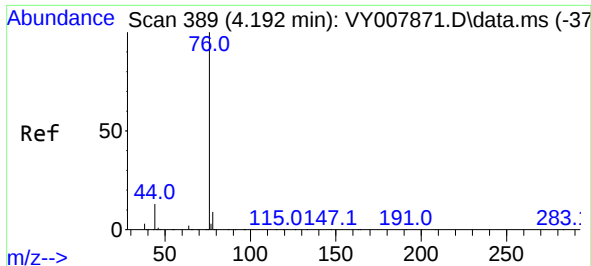
Tgt Ion: 94 Resp: 235
Ion Ratio Lower Upper
94 100
96 17.0 73.5 110.3#



#16
Acetone
Concen: 7.562 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

Tgt Ion: 43 Resp: 5699
Ion Ratio Lower Upper
43 100
58 27.6 22.0 33.0

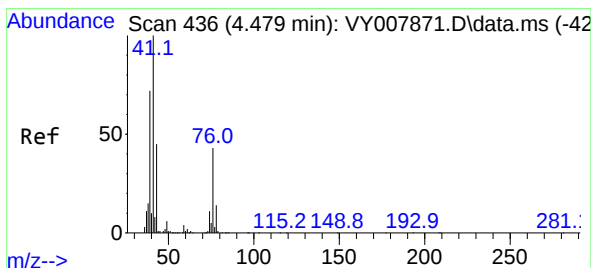
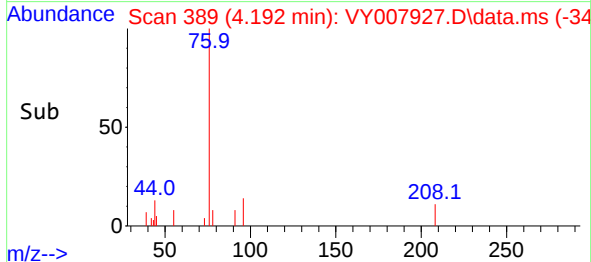
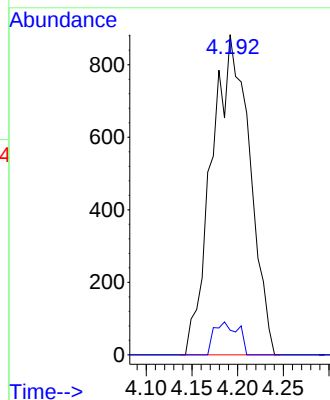
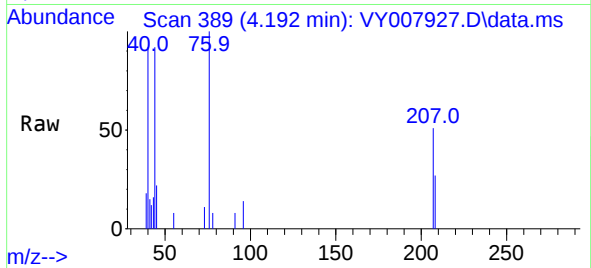




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.192 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

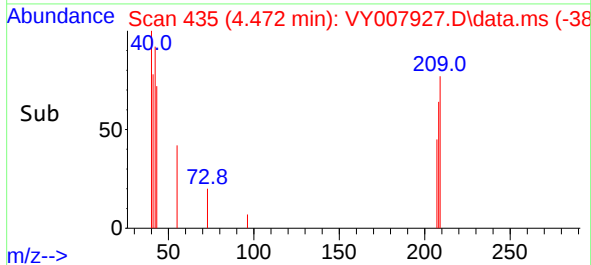
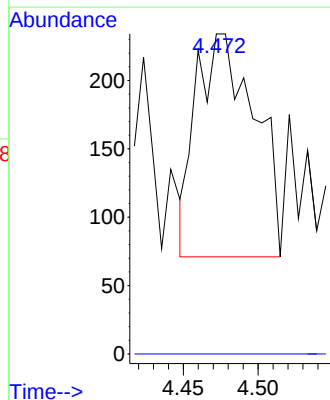
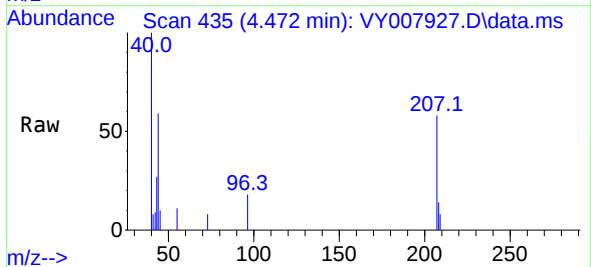
Instrument :
MSVOA_Y
ClientSampleId :
C-7-6-7

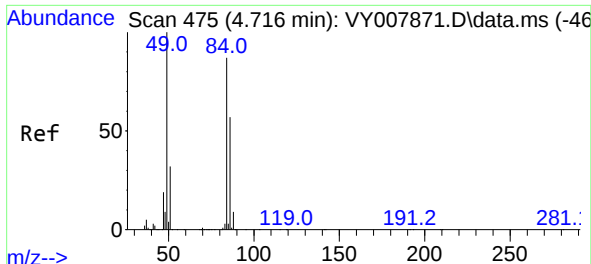
Tgt Ion: 76 Resp: 2560
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

Tgt Ion: 43 Resp: 443
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



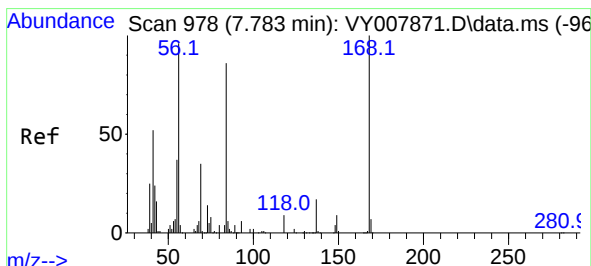
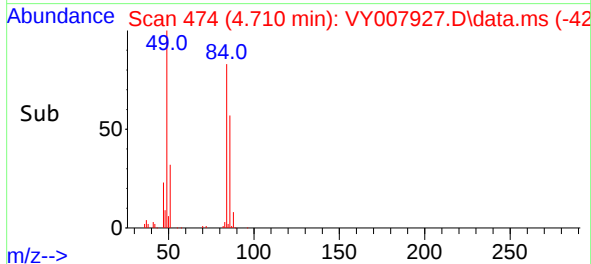
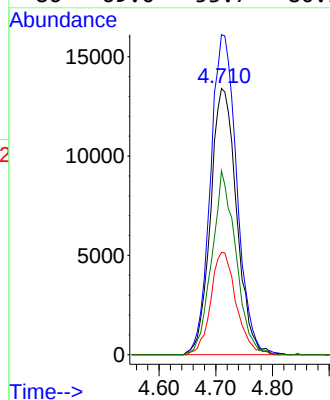
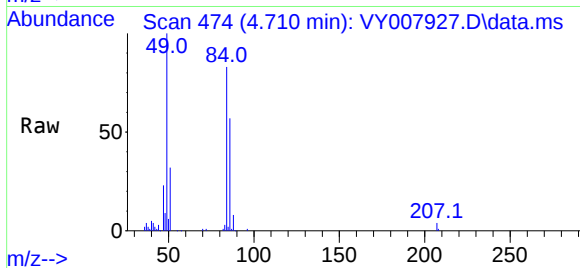


#20
Methylene Chloride
Concen: 11.025 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

Instrument :
MSVOA_Y
ClientSampleId :
C-7-6-7

Tgt Ion: 84 Resp: 42760

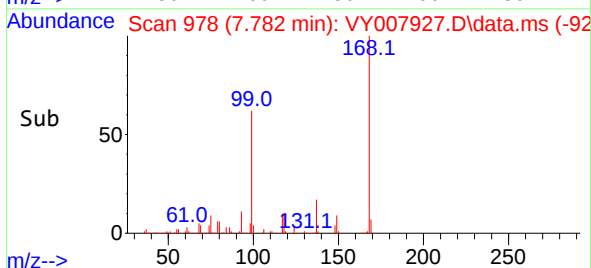
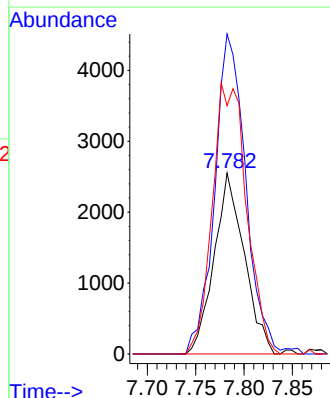
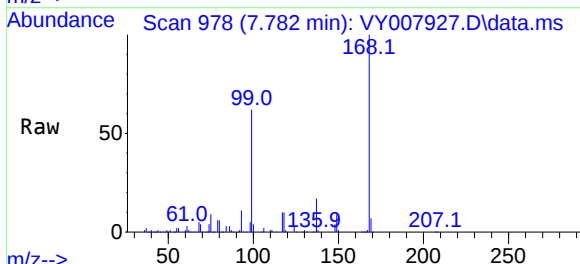
Ion	Ratio	Lower	Upper
84	100		
49	120.2	114.4	171.6
51	38.4	35.3	52.9
86	69.0	53.7	80.5

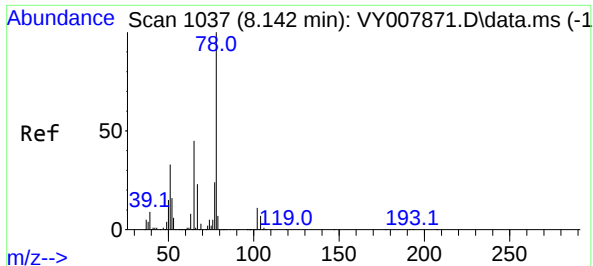


#31
Cyclohexane
Concen: Below Cal
RT: 7.782 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

Tgt Ion: 56 Resp: 5535

Ion	Ratio	Lower	Upper
56	100		
69	176.8	26.7	40.1#
84	137.2	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.484 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007927.D

Acq: 19 Mar 2022 02:26

Instrument :

MSVOA_Y

ClientSampleId :

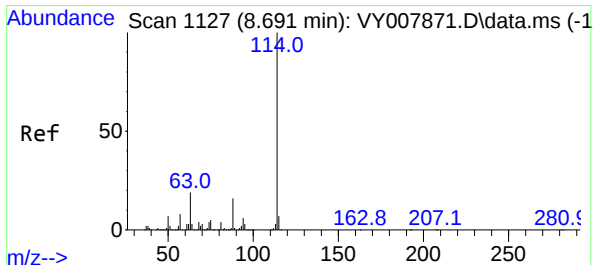
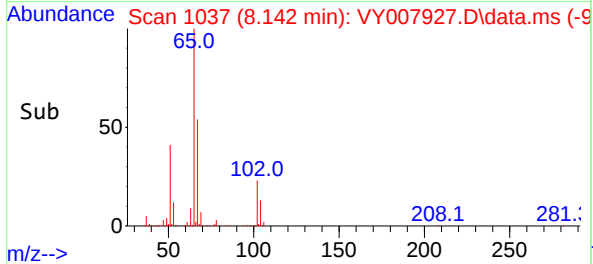
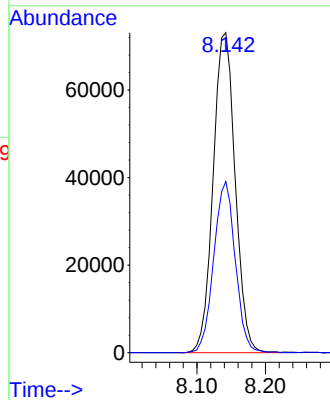
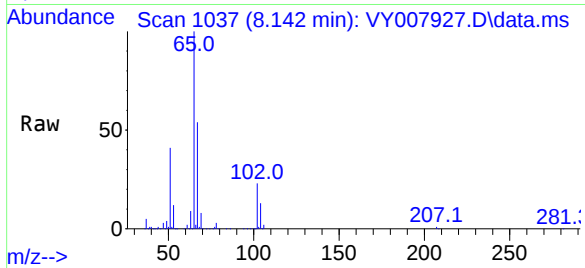
C-7-6-7

Tgt Ion: 65 Resp: 163297

Ion Ratio Lower Upper

65 100

67 52.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.007 min

Lab File: VY007927.D

Acq: 19 Mar 2022 02:26

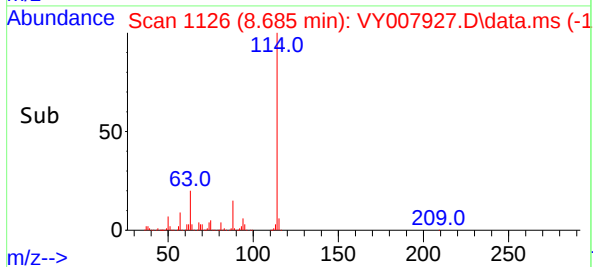
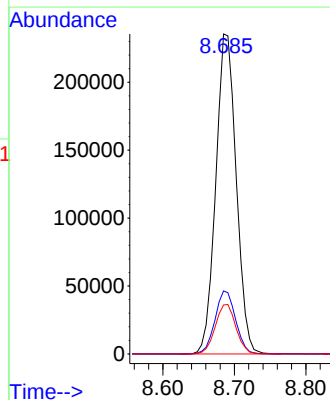
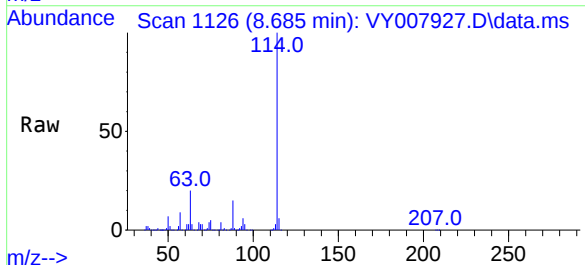
Tgt Ion:114 Resp: 467409

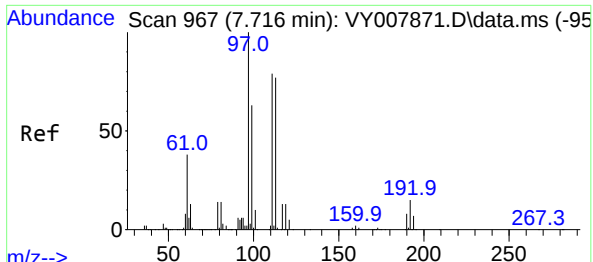
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.3 0.0 31.8

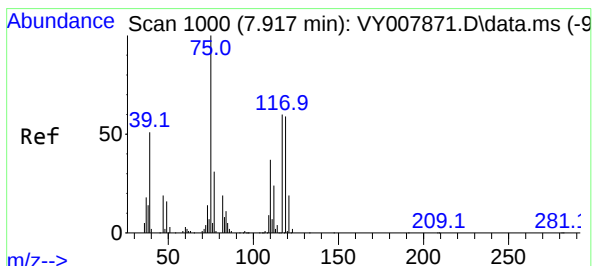
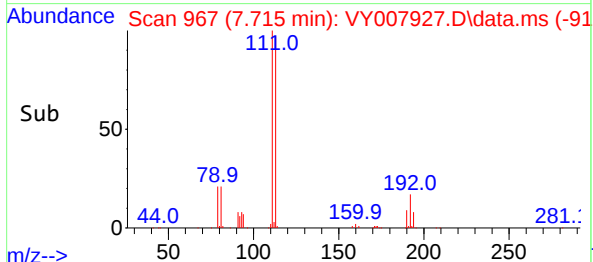
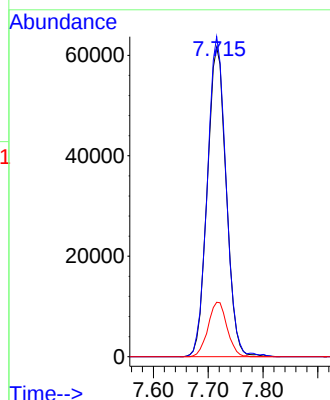
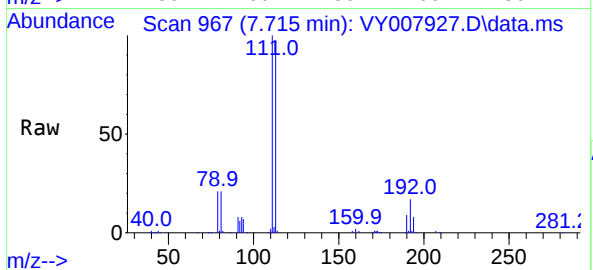




#35
Dibromofluoromethane
Concen: 44.973 ug/l
RT: 7.715 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

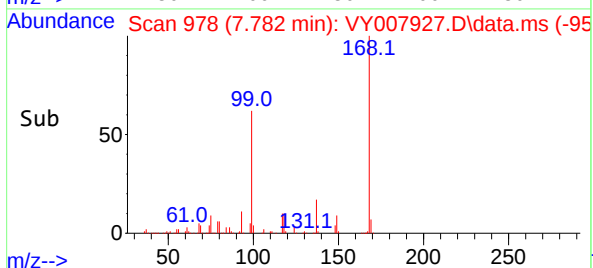
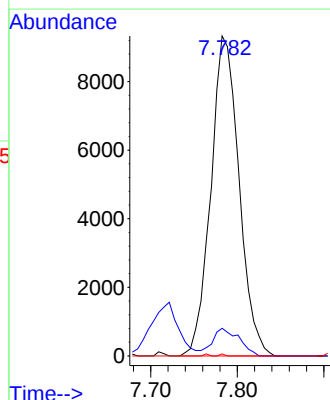
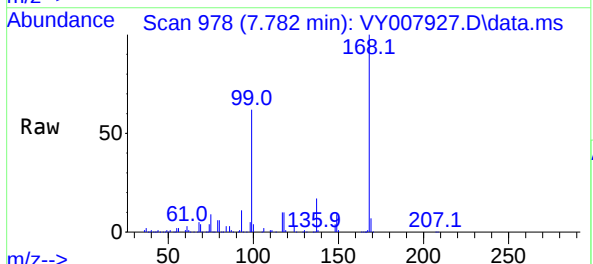
Instrument :
MSVOA_Y
ClientSampleId :
C-7-6-7

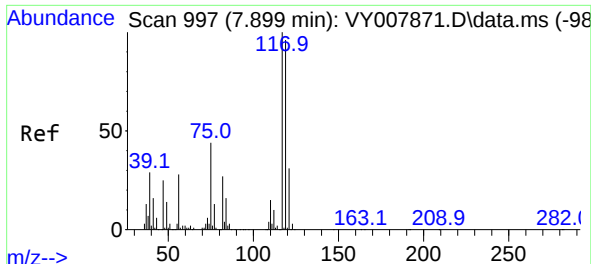
Tgt Ion:113 Resp: 147628
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 17.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.332 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.135 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

Tgt Ion: 75 Resp: 21092
Ion Ratio Lower Upper
75 100
110 8.1 17.1 51.2#
77 0.0 24.4 36.6#

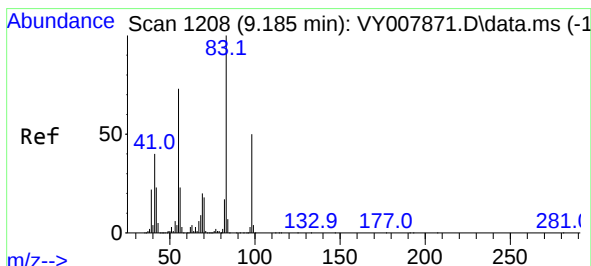
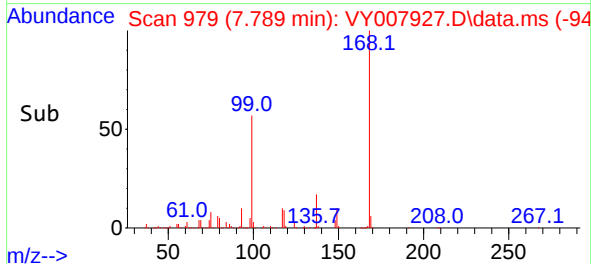
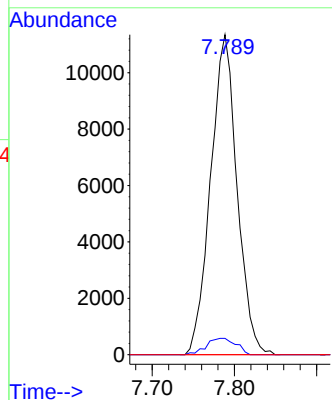
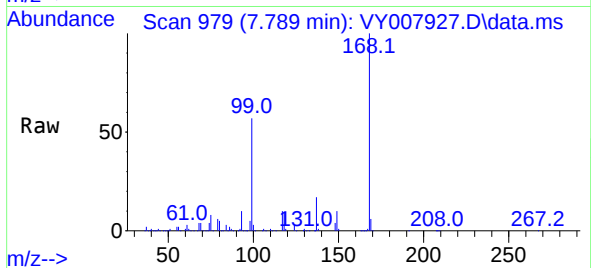




#38
Carbon Tetrachloride
Concen: 4.874 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

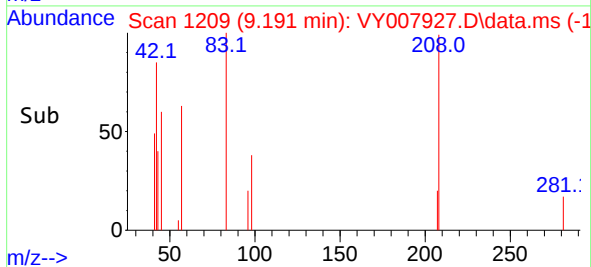
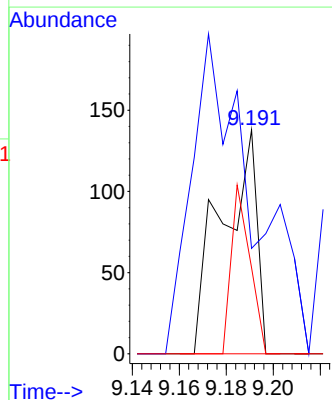
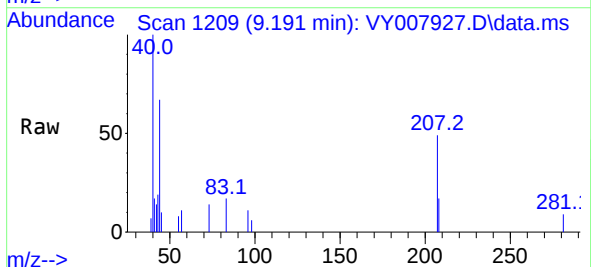
Instrument :
MSVOA_Y
ClientSampleId :
C-7-6-7

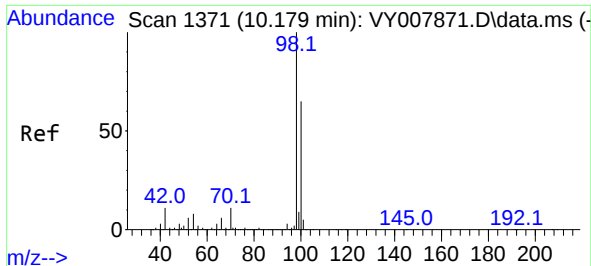
Tgt Ion:117 Resp: 25359
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: Below Cal
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

Tgt Ion: 83 Resp: 142
Ion Ratio Lower Upper
83 100
55 1.4 66.5 99.7#
98 38.4 37.9 56.9

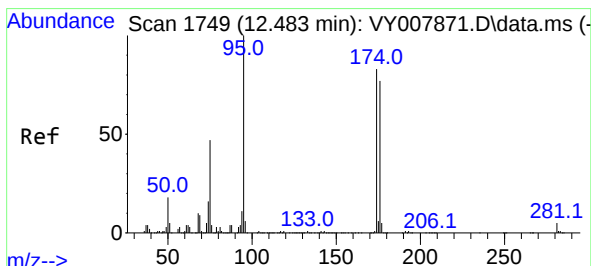
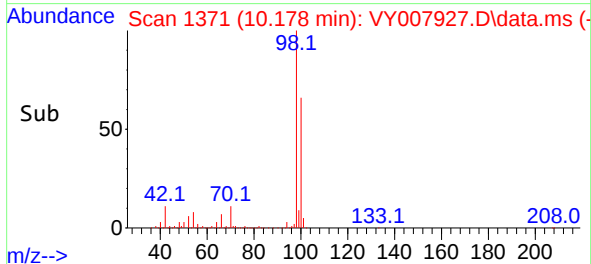
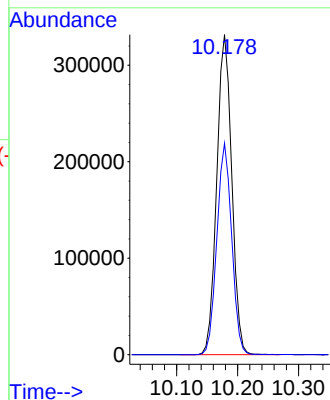
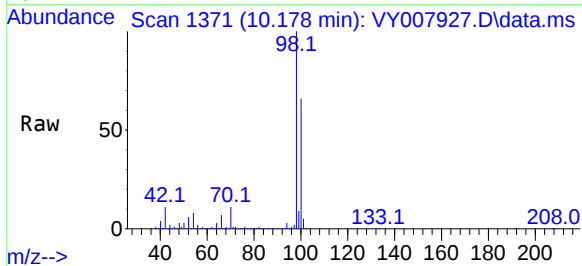




#50
Toluene-d8
Concen: 58.208 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

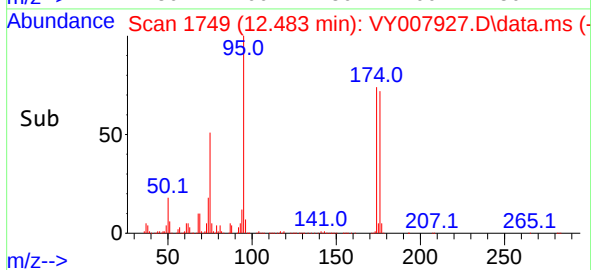
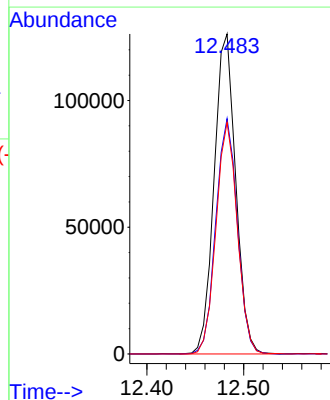
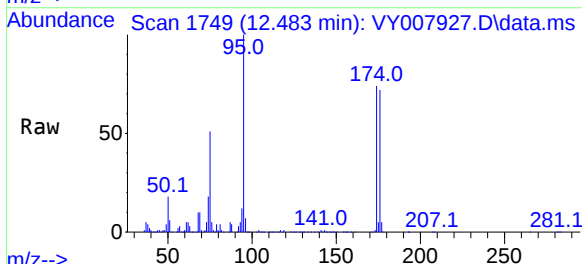
Instrument :
MSVOA_Y
ClientSampleId :
C-7-6-7

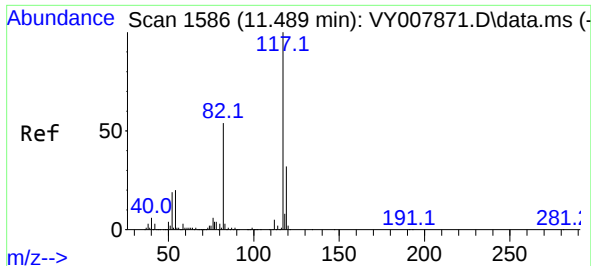
Tgt Ion: 98 Resp: 567381
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.534 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

Tgt Ion: 95 Resp: 195671
Ion Ratio Lower Upper
95 100
174 73.2 0.0 177.0
176 71.2 0.0 175.8

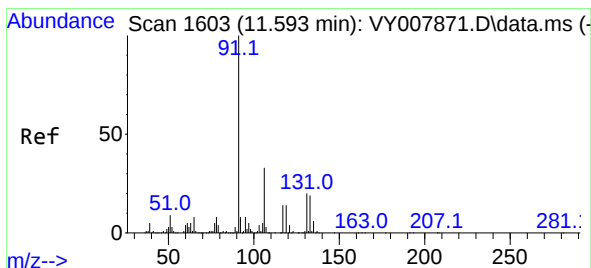
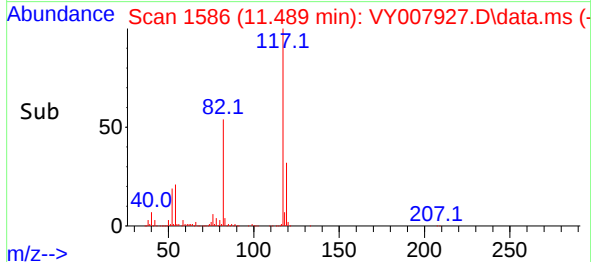
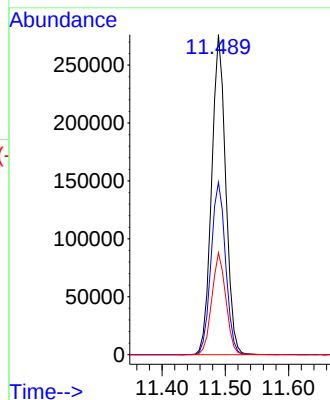
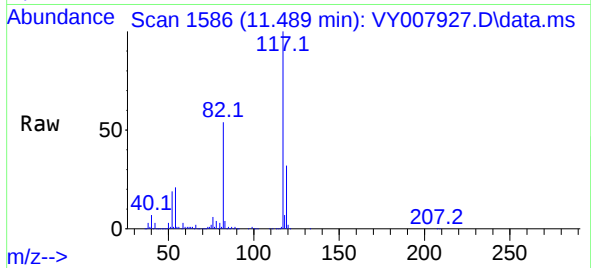




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

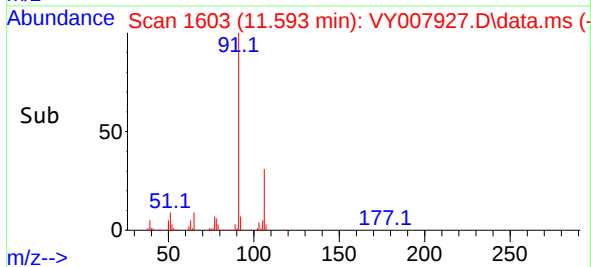
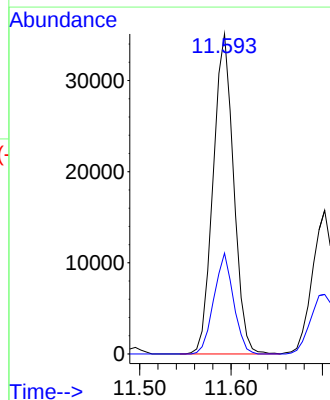
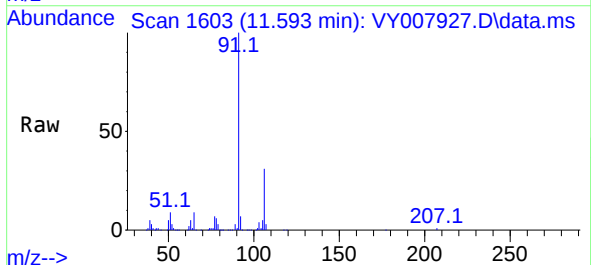
Instrument :
MSVOA_Y
ClientSampleId :
C-7-6-7

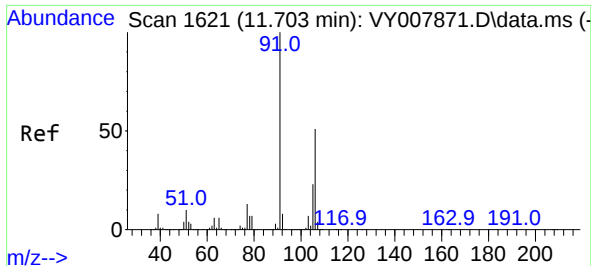
Tgt Ion:117 Resp: 427161
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 31.9 25.4 38.0



#67
Ethyl Benzene
Concen: 2.995 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.001 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

Tgt Ion: 91 Resp: 54593
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7

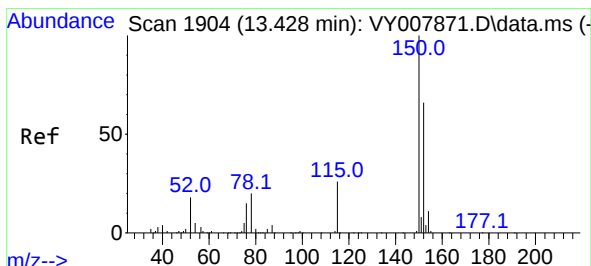
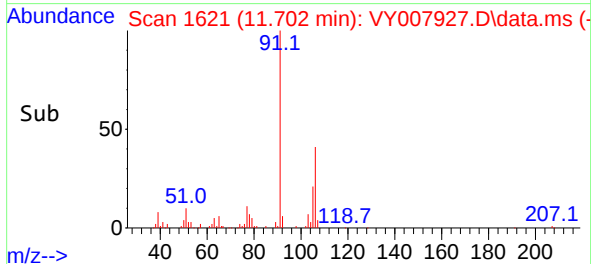
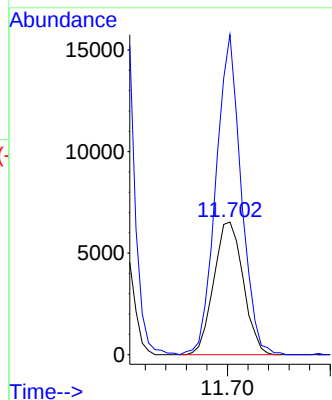
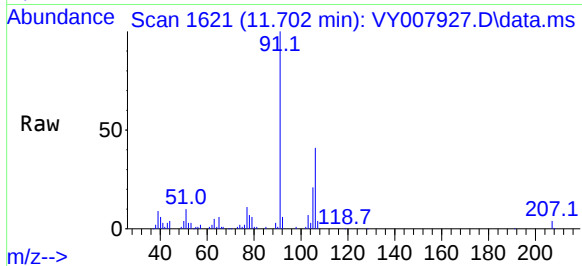




#68
m/p-Xylenes
Concen: 1.823 ug/l
RT: 11.702 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

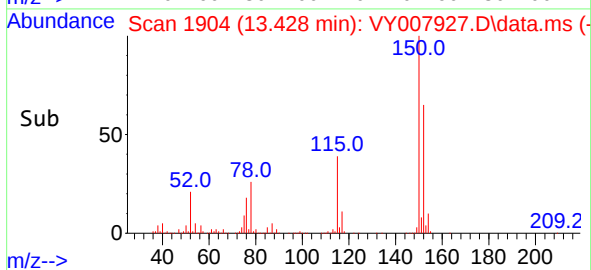
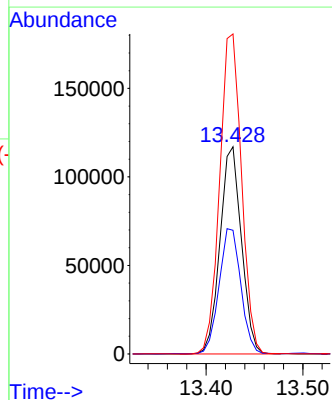
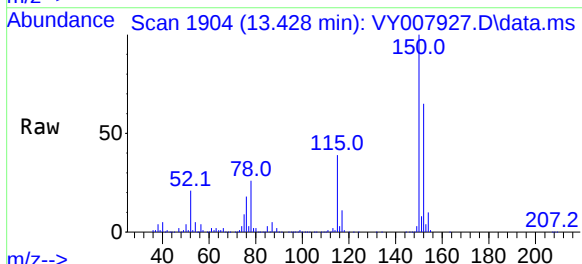
Instrument :
MSVOA_Y
ClientSampleId :
C-7-6-7

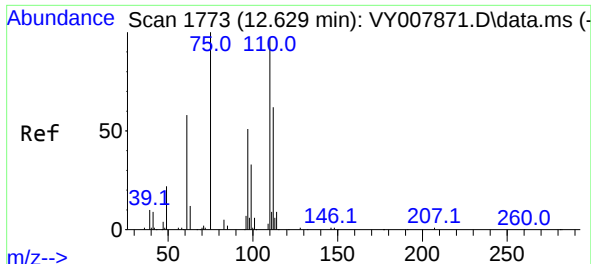
Tgt Ion:106 Resp: 12961
Ion Ratio Lower Upper
106 100
91 207.7 166.6 249.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.001 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

Tgt Ion:152 Resp: 179864
Ion Ratio Lower Upper
152 100
115 61.2 28.2 84.7
150 157.3 0.0 347.6

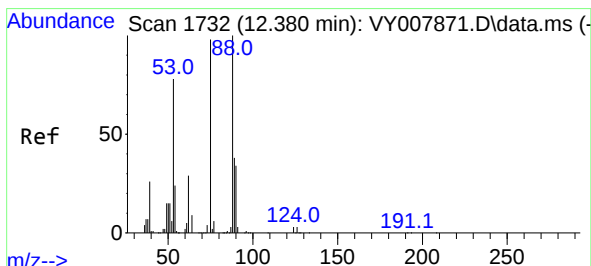
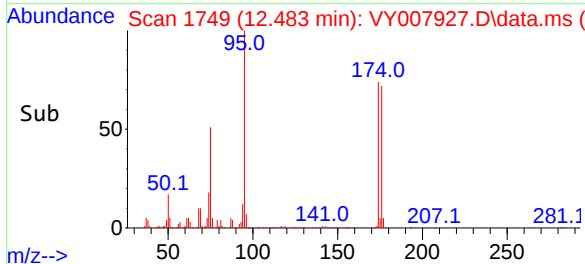
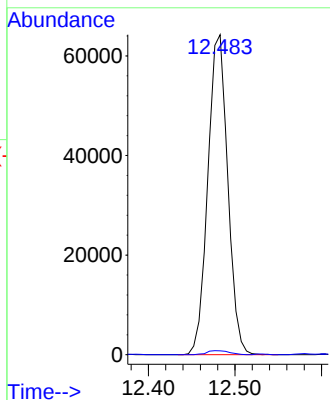
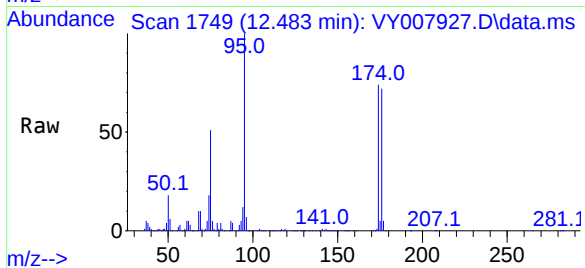




#76
1,2,3-Trichloropropane
Concen: 40.003 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

Instrument :
MSVOA_Y
ClientSampleId :
C-7-6-7

Tgt Ion: 75 Resp: 102555
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.023 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY007927.D
Acq: 19 Mar 2022 02:26

Tgt Ion: 75 Resp: 102555
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

