

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007928.D
 Acq On : 19 Mar 2022 02:49
 Operator : SY/MD
 Sample : N1958-08
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-8-7-8

Quant Time: Mar 21 03:19:03 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	243903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	458665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	411750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166546	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	161972	58.243	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.480%
35) Dibromofluoromethane	7.716	113	145817	45.268	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.540%
50) Toluene-d8	10.179	98	550756	57.510	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.020%
62) 4-Bromofluorobenzene	12.477	95	190945	41.303	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.600%

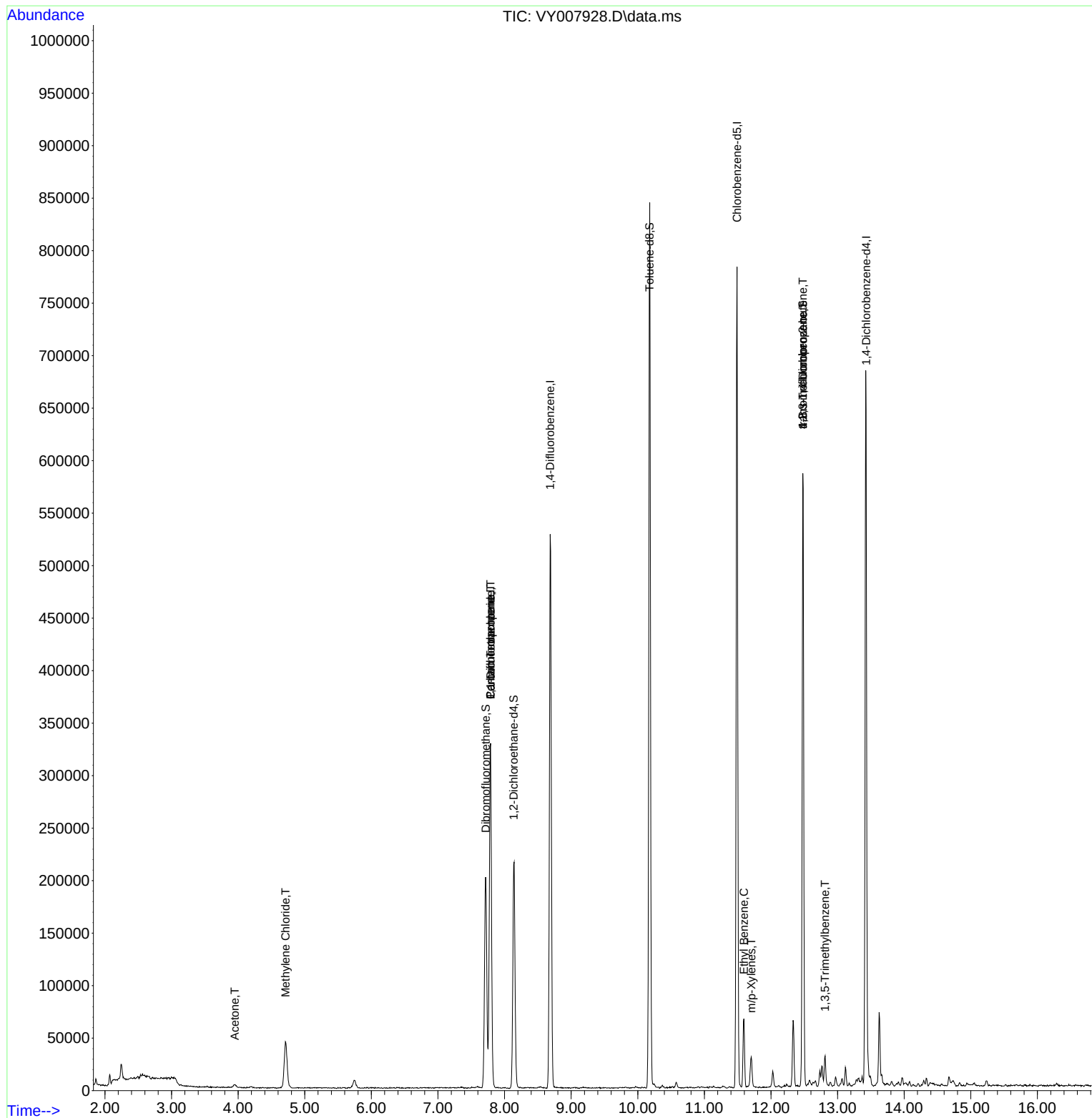
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.900	85	108	Below Cal	# 43
3) Chloromethane	2.113	50	886	Below Cal	# 97
4) Vinyl Chloride	2.247	62	450	Below Cal	# 43
5) Bromomethane	2.656	94	389	Below Cal	# 62
16) Acetone	3.948	43	4907	6.651	ug/l 99
17) Carbon Disulfide	4.192	76	1720	Below Cal	# 95
18) Methyl Acetate	4.466	43	153	Below Cal	# 89
20) Methylene Chloride	4.710	84	33969	7.987	ug/l 90
31) Cyclohexane	7.789	56	5778	Below Cal	# 1
36) 1,1-Dichloropropene	7.789	75	20944	4.384	ug/l # 50
38) Carbon Tetrachloride	7.789	117	26483	5.187	ug/l # 15
39) Methylcyclohexane	9.197	83	88	Below Cal	# 16
67) Ethyl Benzene	11.593	91	45611	2.596	ug/l 97
68) m/p-Xylenes	11.703	106	8681	1.267	ug/l 99
76) 1,2,3-Trichloropropane	12.477	75	99300	41.831	ug/l # 100
80) 1,3,5-Trimethylbenzene	12.813	105	12469	1.034	ug/l 97
81) trans-1,4-Dichloro-2-b...	12.477	75	99300	87.862	ug/l # 7

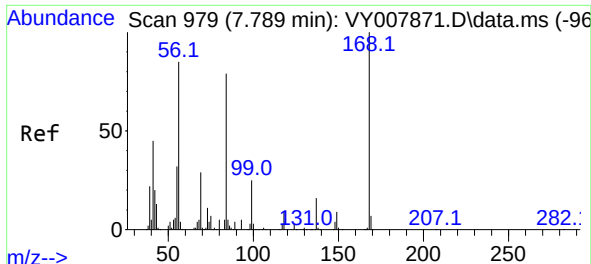
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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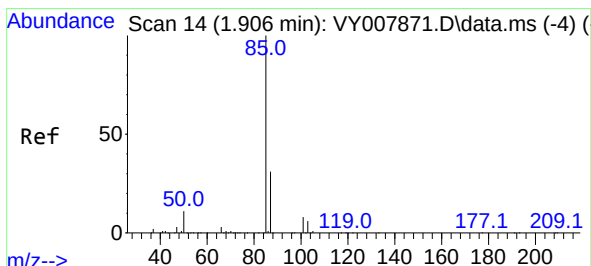
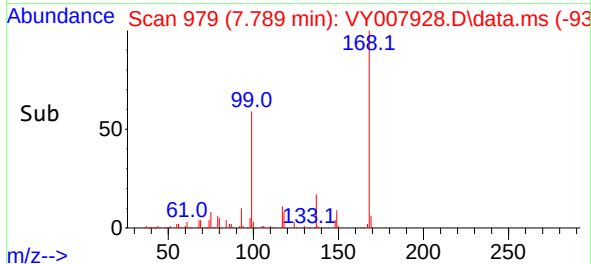
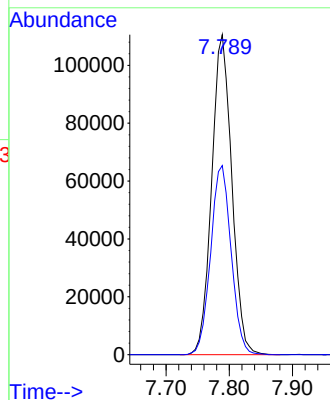
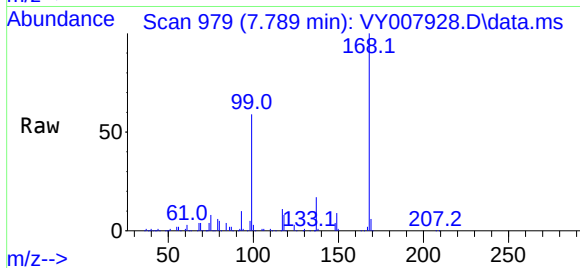




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

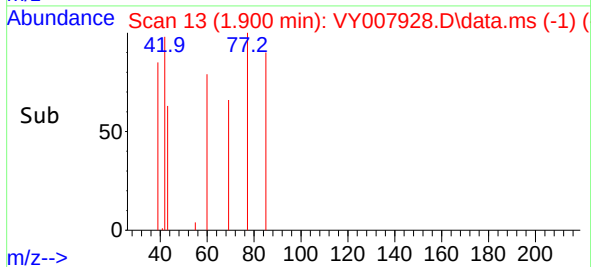
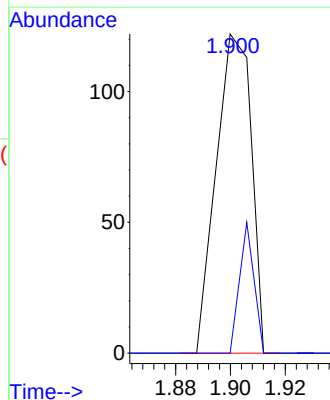
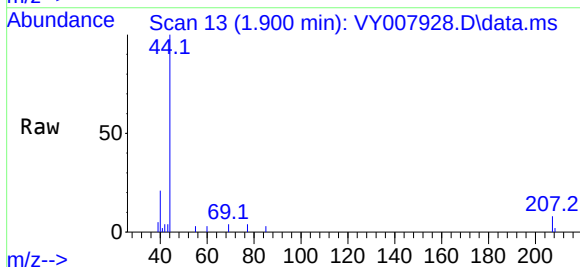
Instrument :
MSVOA_Y
ClientSampleId :
C-8-7-8

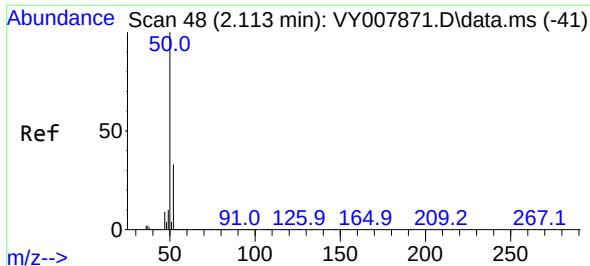
Tgt Ion:168 Resp: 243903
Ion Ratio Lower Upper
168 100
99 59.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

Tgt Ion: 85 Resp: 108
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

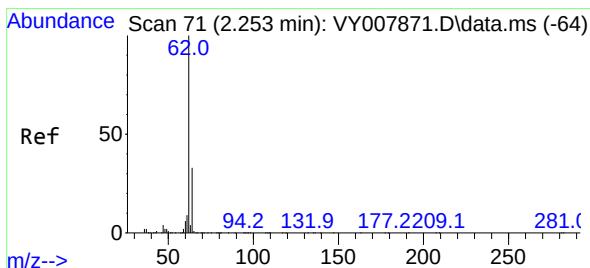
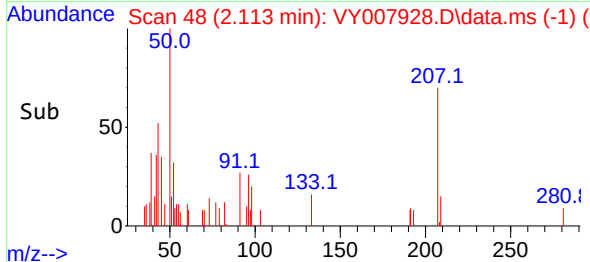
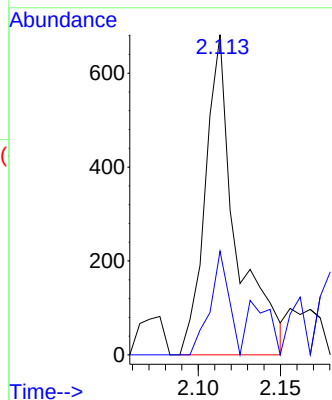
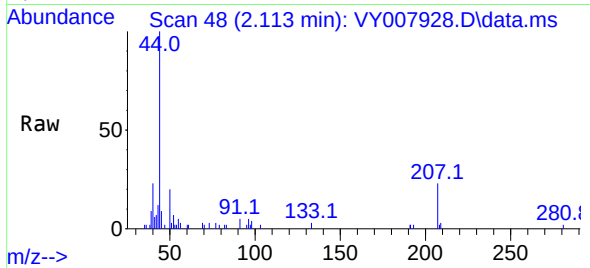




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

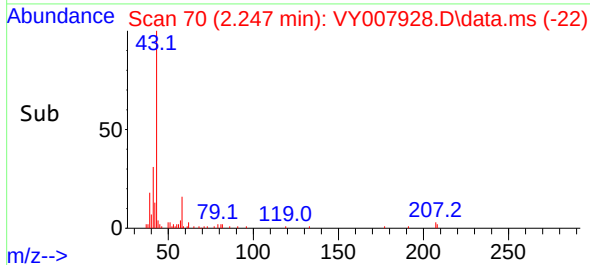
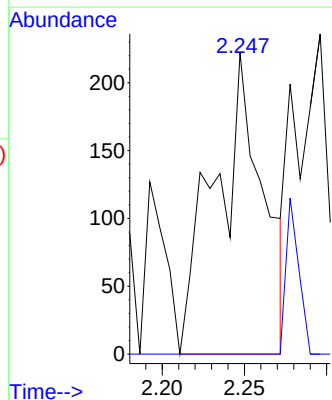
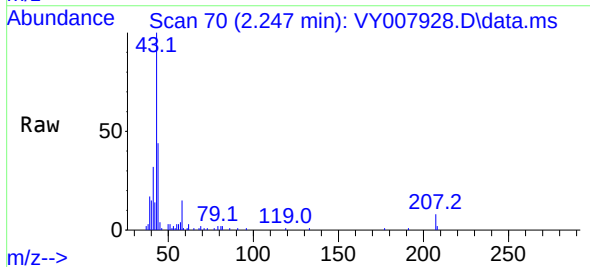
Instrument :
MSVOA_Y
ClientSampleId :
C-8-7-8

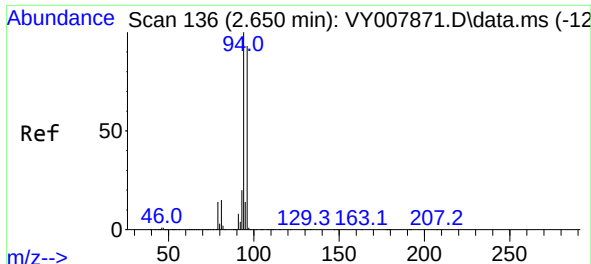
Tgt Ion: 50 Resp: 886
Ion Ratio Lower Upper
50 100
52 32.4 24.6 37.0



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

Tgt Ion: 62 Resp: 450
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

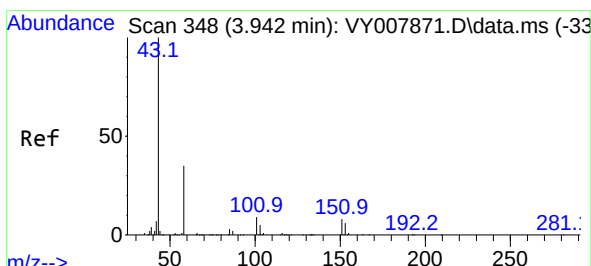
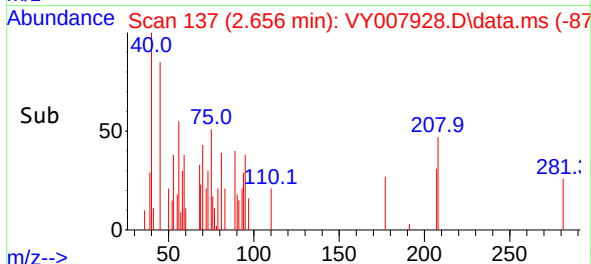
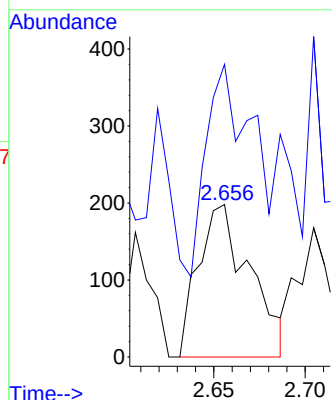
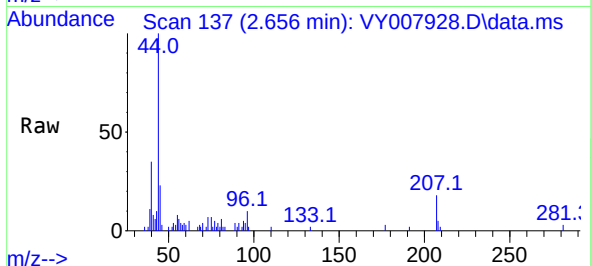




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

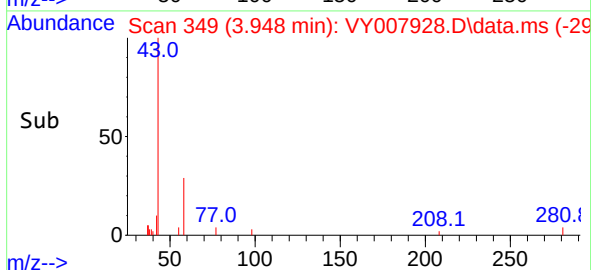
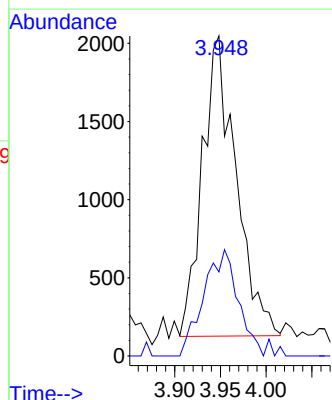
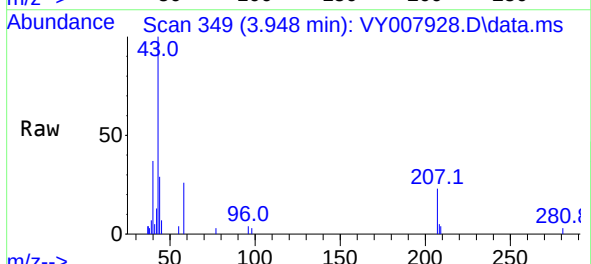
Instrument :
MSVOA_Y
ClientSampleId :
C-8-7-8

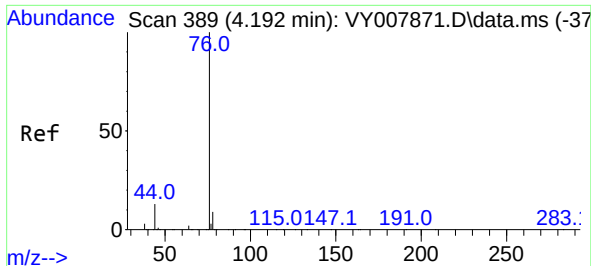
Tgt Ion: 94 Resp: 389
Ion Ratio Lower Upper
94 100
96 128.3 73.5 110.3#



#16
Acetone
Concen: 6.651 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

Tgt Ion: 43 Resp: 4907
Ion Ratio Lower Upper
43 100
58 28.1 22.0 33.0

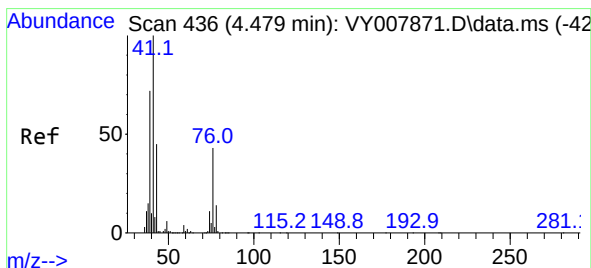
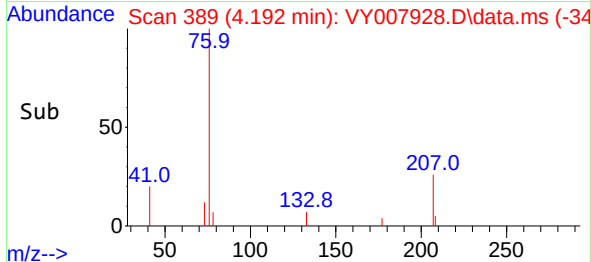
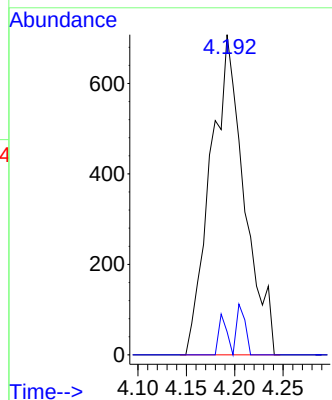
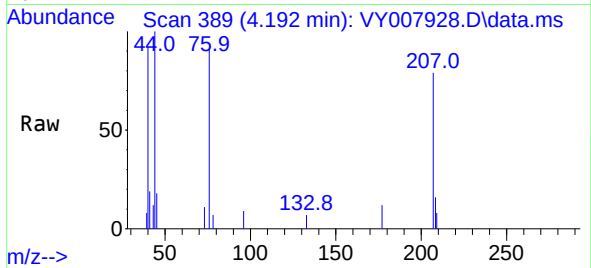




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.192 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

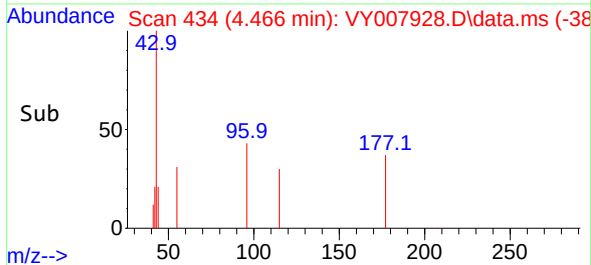
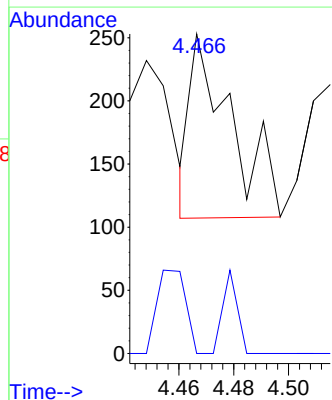
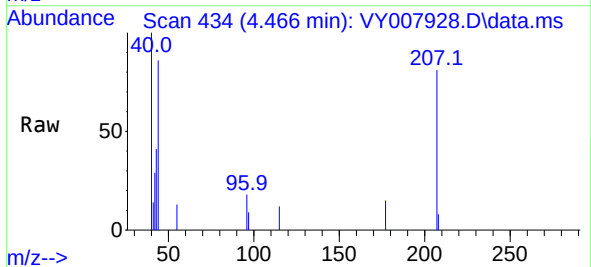
Instrument :
MSVOA_Y
ClientSampleId :
C-8-7-8

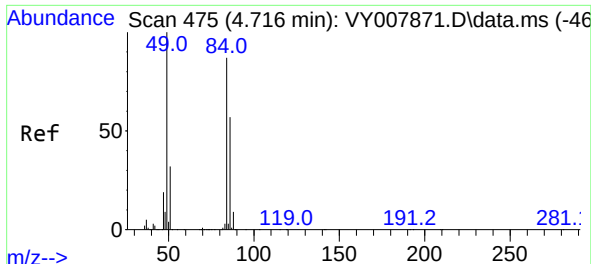
Tgt Ion: 76 Resp: 1720
Ion Ratio Lower Upper
76 100
78 7.2 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

Tgt Ion: 43 Resp: 153
Ion Ratio Lower Upper
43 100
74 15.7 16.6 24.8#



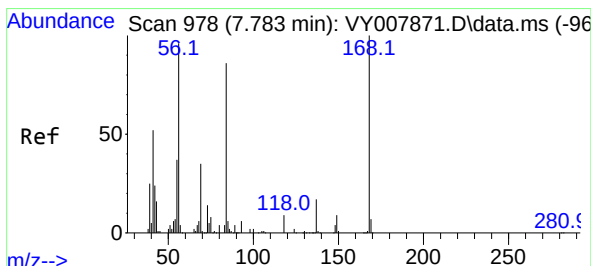
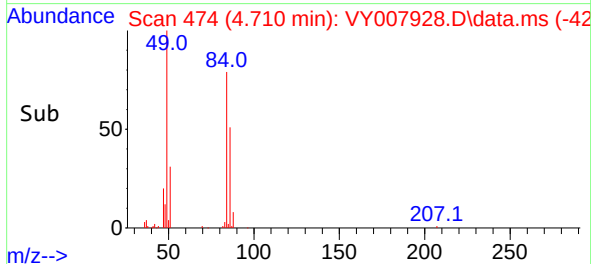
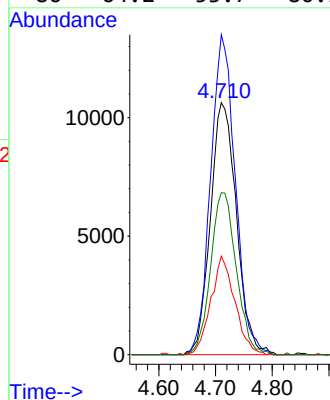
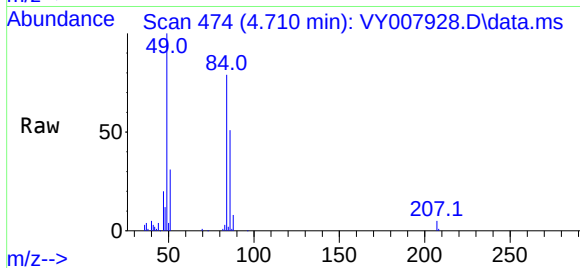


#20
Methylene Chloride
Concen: 7.987 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

Instrument :
MSVOA_Y
ClientSampleId :
C-8-7-8

Tgt Ion: 84 Resp: 33969

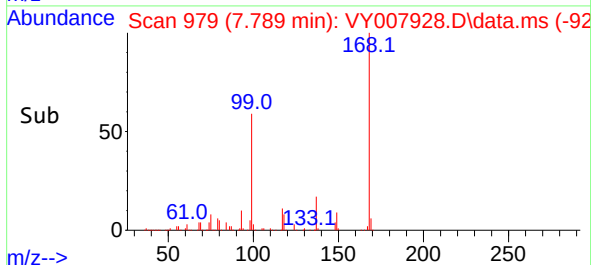
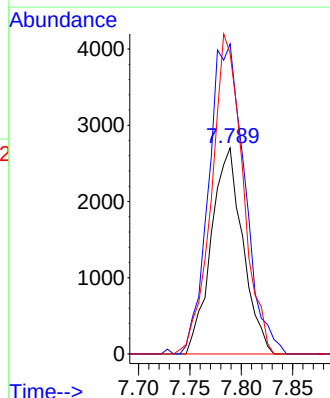
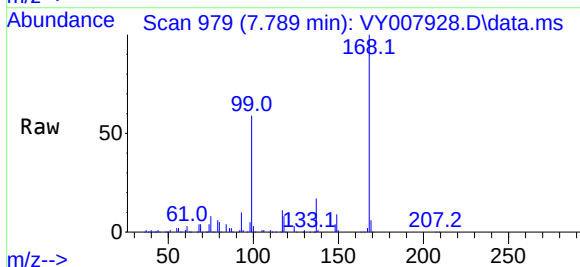
Ion	Ratio	Lower	Upper
84	100		
49	127.0	114.4	171.6
51	39.1	35.3	52.9
86	64.2	53.7	80.5

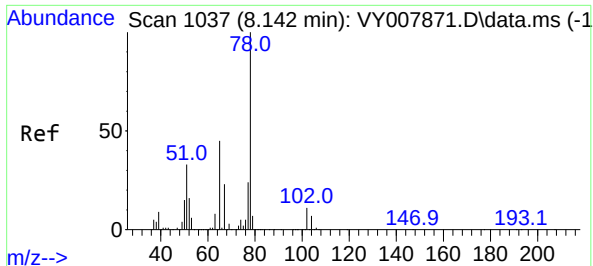


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

Tgt Ion: 56 Resp: 5778

Ion	Ratio	Lower	Upper
56	100		
69	150.4	26.7	40.1#
84	145.7	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 58.243 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY007928.D

Acq: 19 Mar 2022 02:49

Instrument :

MSVOA_Y

ClientSampleId :

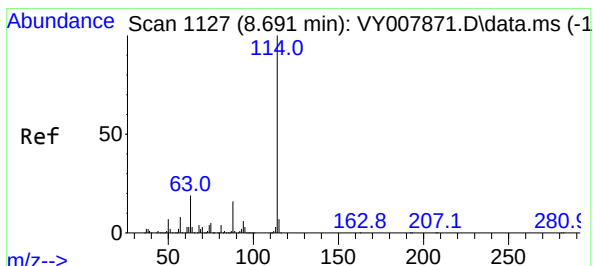
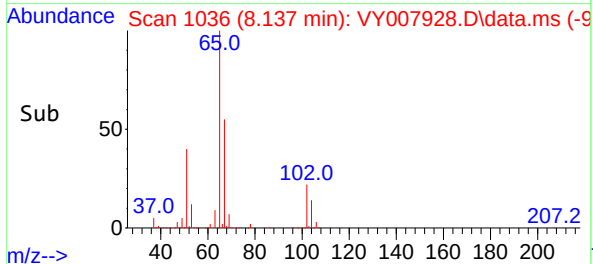
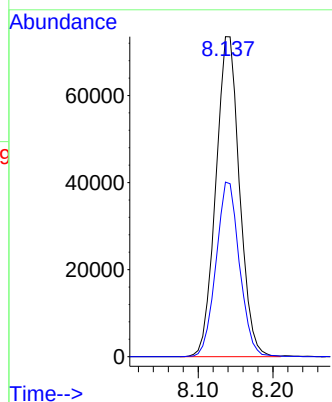
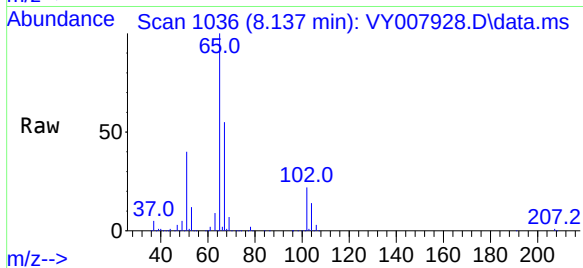
C-8-7-8

Tgt Ion: 65 Resp: 161972

Ion Ratio Lower Upper

65 100

67 54.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007928.D

Acq: 19 Mar 2022 02:49

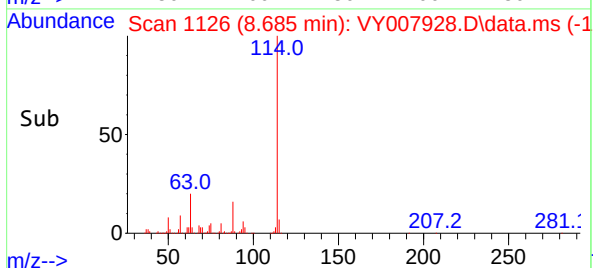
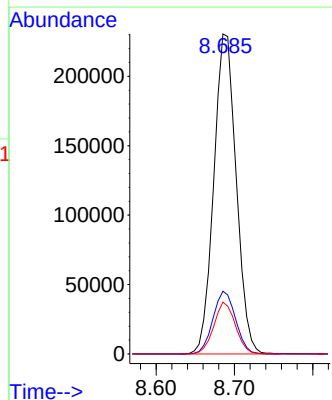
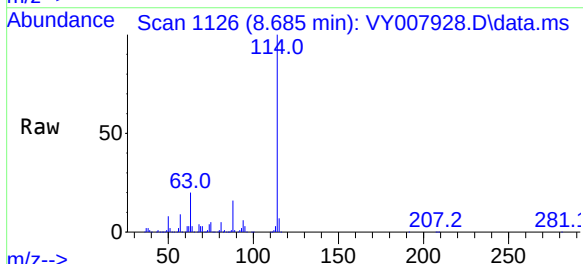
Tgt Ion: 114 Resp: 458665

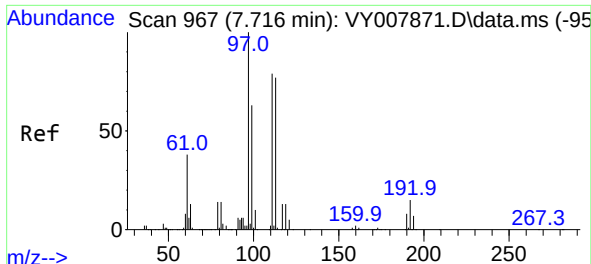
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 16.2 0.0 31.8

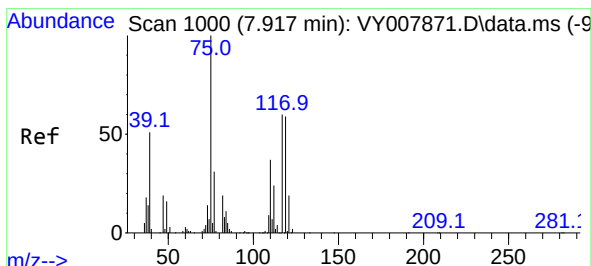
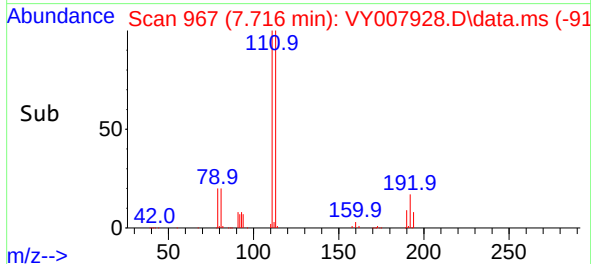
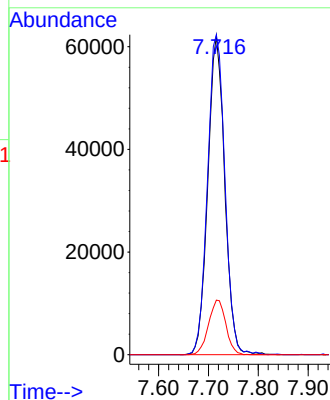
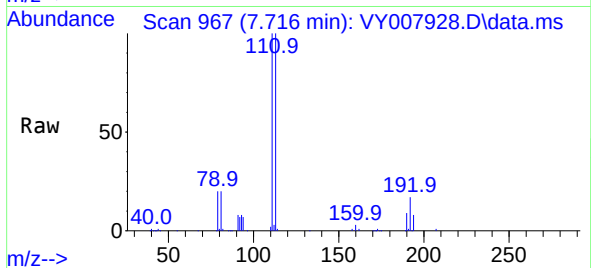




#35
Dibromofluoromethane
Concen: 45.268 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

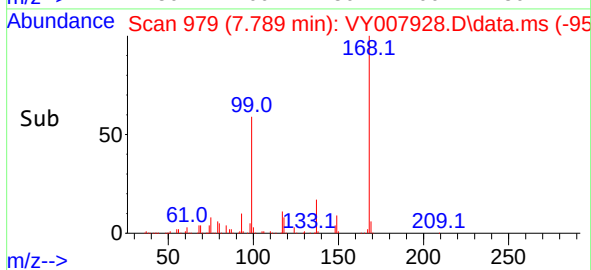
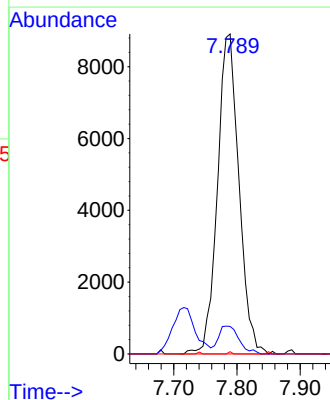
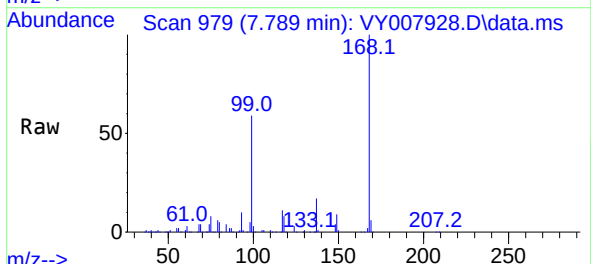
Instrument :
MSVOA_Y
ClientSampleId :
C-8-7-8

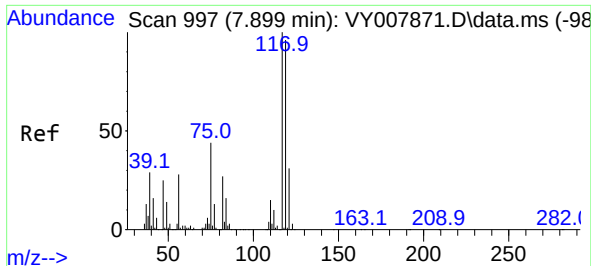
Tgt Ion:113 Resp: 145817
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 17.6 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.384 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

Tgt Ion: 75 Resp: 20944
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#

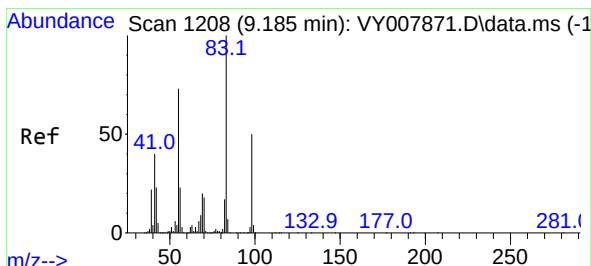
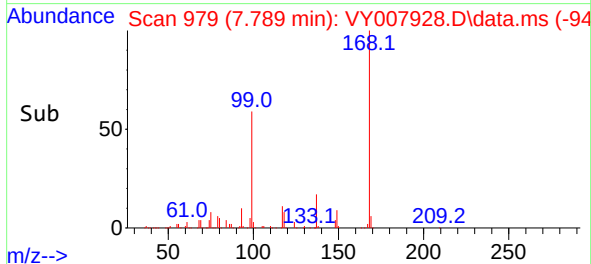
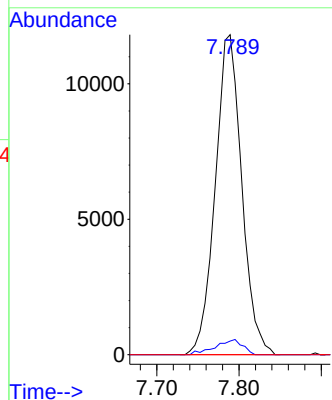
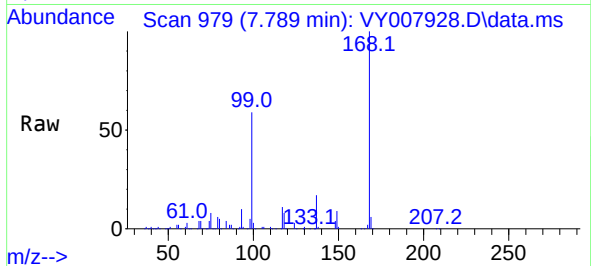




#38
Carbon Tetrachloride
Concen: 5.187 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

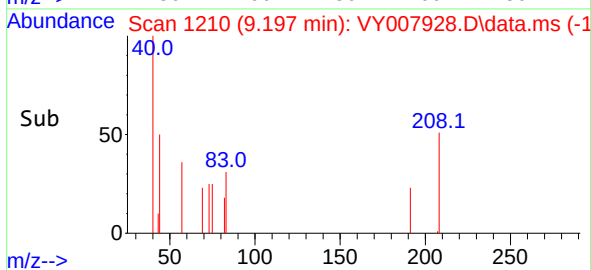
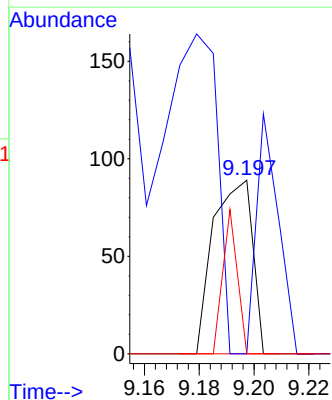
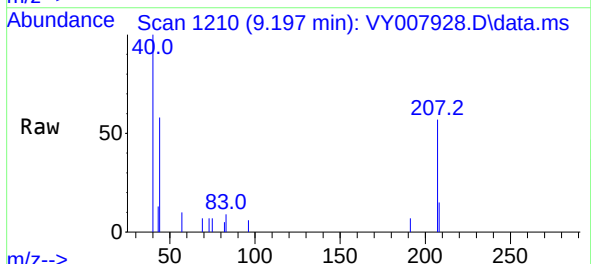
Instrument :
MSVOA_Y
ClientSampleId :
C-8-7-8

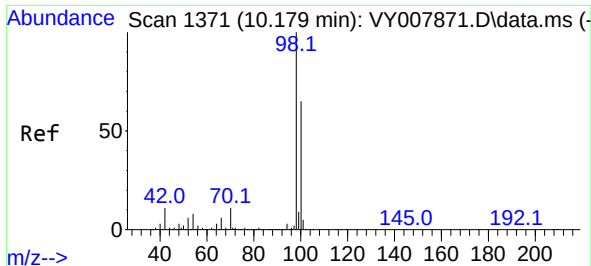
Tgt Ion:117 Resp: 26483
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: Below Cal
RT: 9.197 min Scan# 1210
Delta R.T. 0.012 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

Tgt Ion: 83 Resp: 88
Ion Ratio Lower Upper
83 100
55 0.0 66.5 99.7#
98 0.0 37.9 56.9#

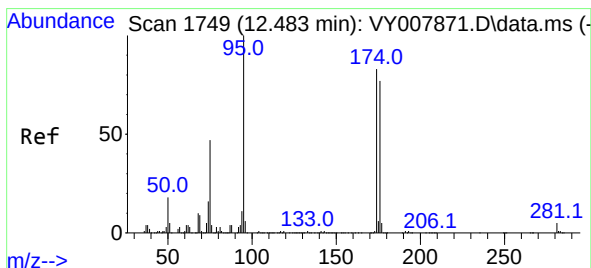
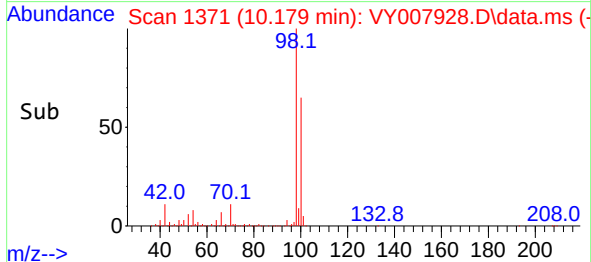
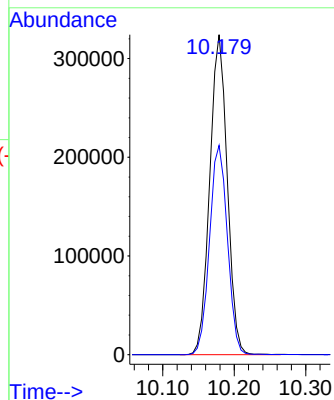
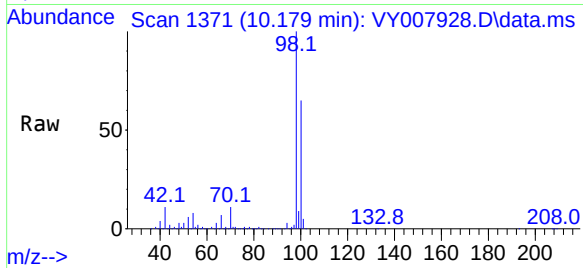




#50
Toluene-d8
Concen: 57.510 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

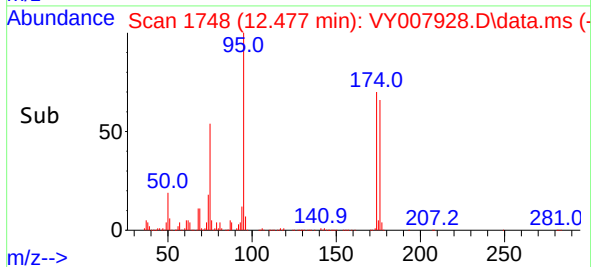
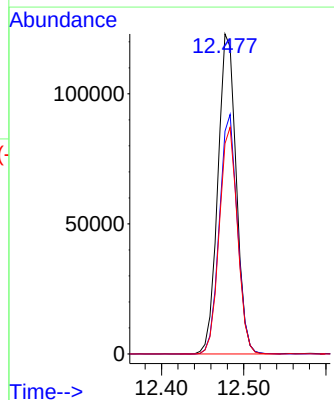
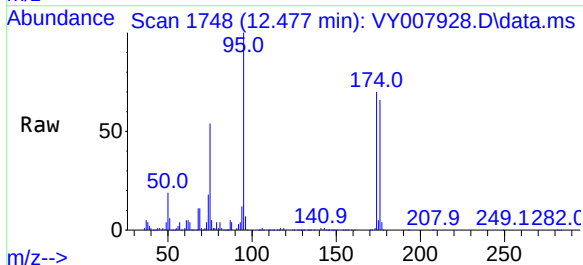
Instrument :
MSVOA_Y
ClientSampleId :
C-8-7-8

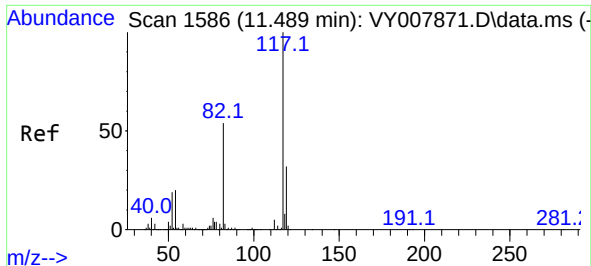
Tgt Ion: 98 Resp: 550756
Ion Ratio Lower Upper
98 100
100 66.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.303 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

Tgt Ion: 95 Resp: 190945
Ion Ratio Lower Upper
95 100
174 73.3 0.0 177.0
176 70.0 0.0 175.8

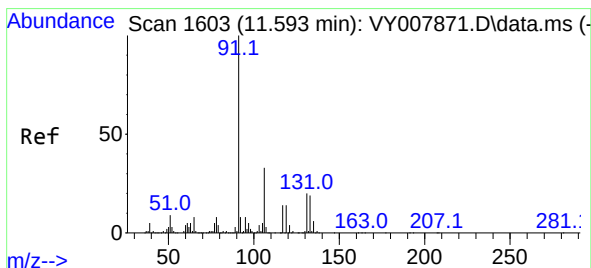
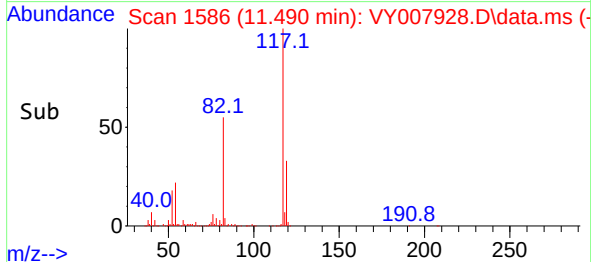
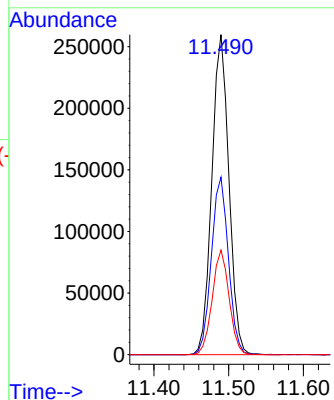
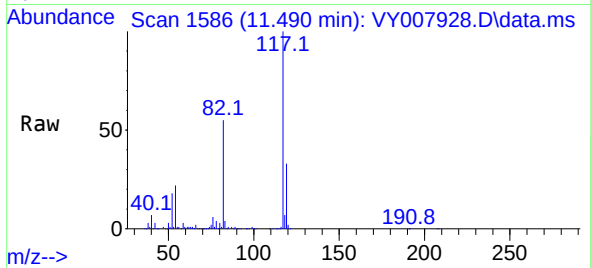




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

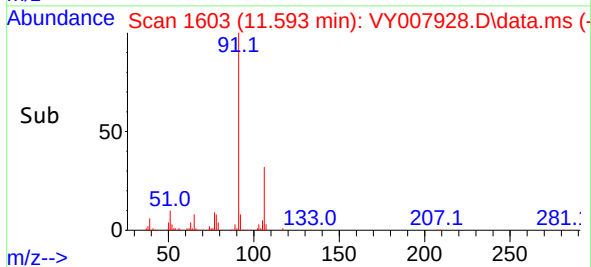
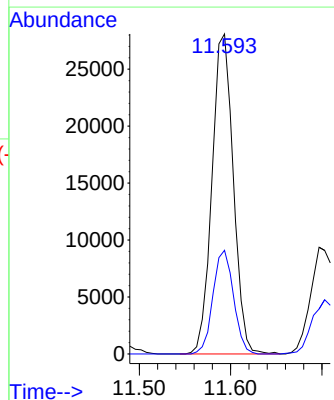
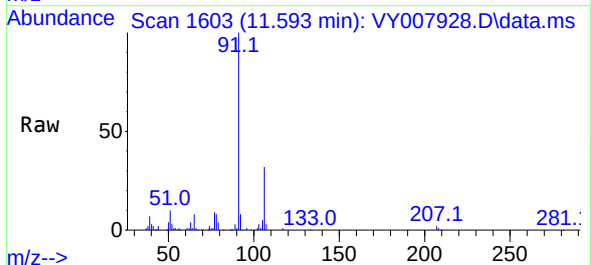
Instrument :
MSVOA_Y
ClientSampleId :
C-8-7-8

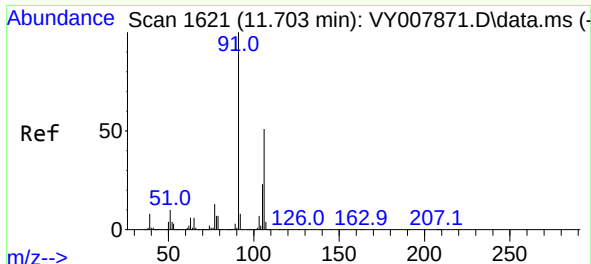
Tgt Ion:117 Resp: 411750
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 32.6 25.4 38.0



#67
Ethyl Benzene
Concen: 2.596 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

Tgt Ion: 91 Resp: 45611
Ion Ratio Lower Upper
91 100
106 32.4 24.5 36.7

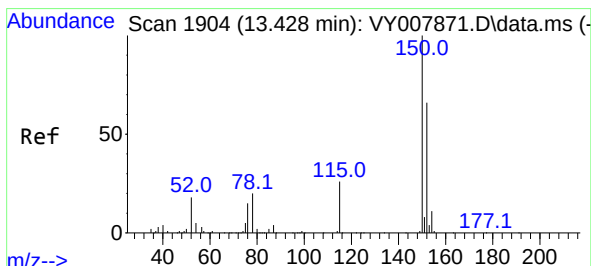
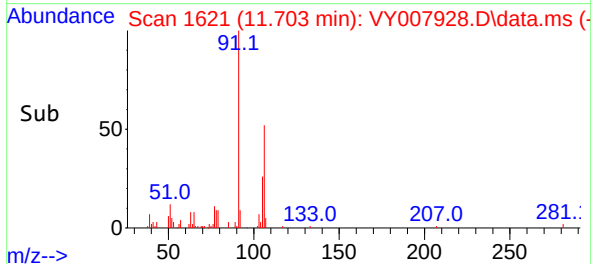
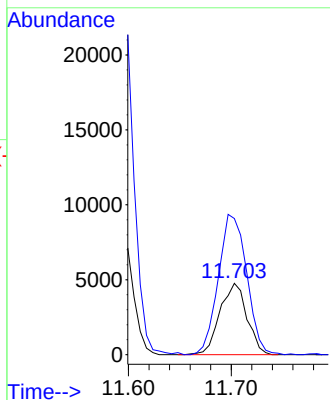
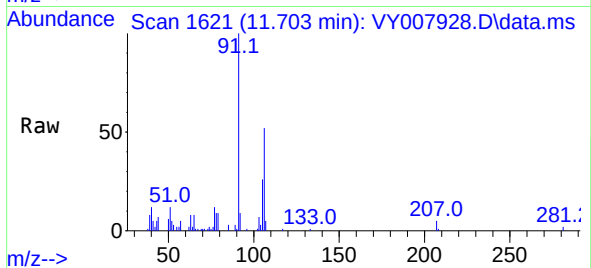




#68
m/p-Xylenes
Concen: 1.267 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

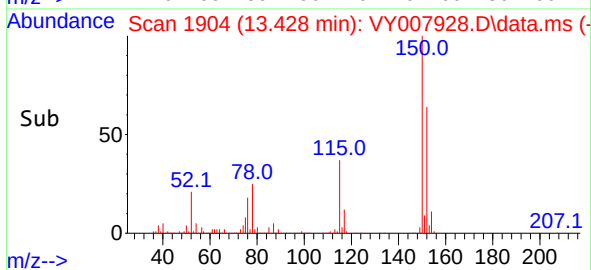
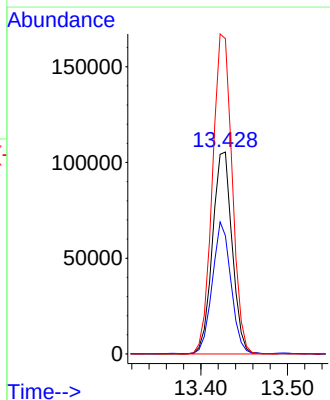
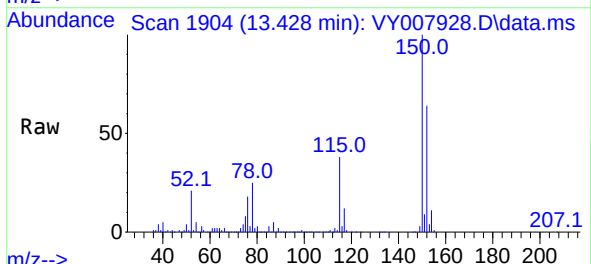
Instrument :
MSVOA_Y
ClientSampleId :
C-8-7-8

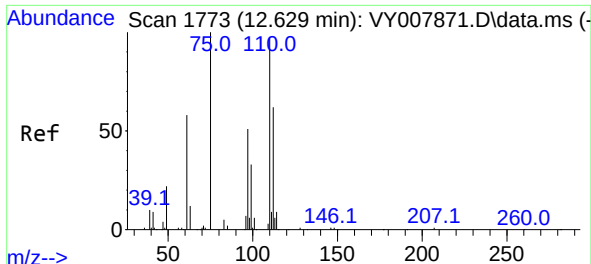
Tgt Ion:106 Resp: 8681
Ion Ratio Lower Upper
106 100
91 207.1 166.6 249.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

Tgt Ion:152 Resp: 166546
Ion Ratio Lower Upper
152 100
115 61.6 28.2 84.7
150 158.6 0.0 347.6

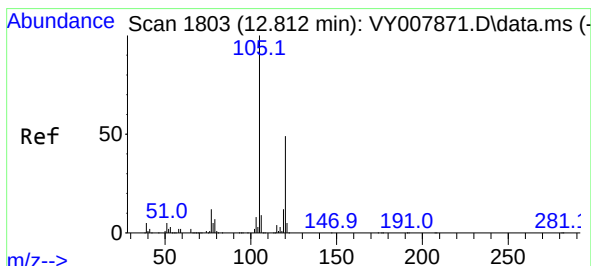
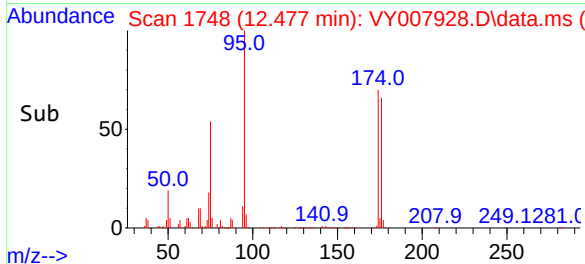
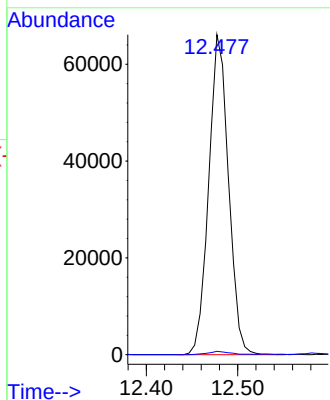
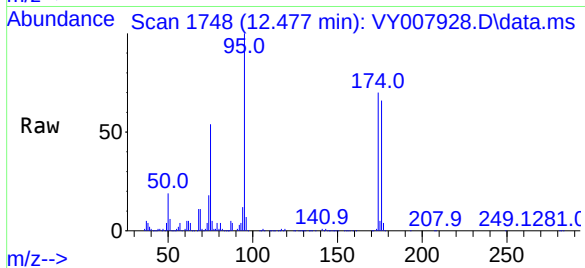




#76
1,2,3-Trichloropropane
Concen: 41.831 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.159 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

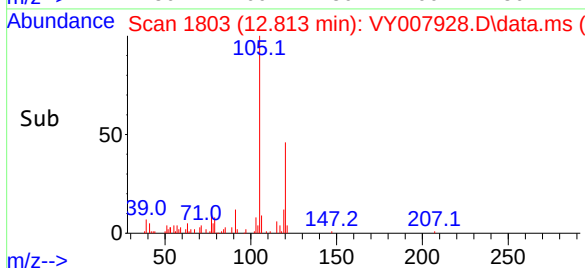
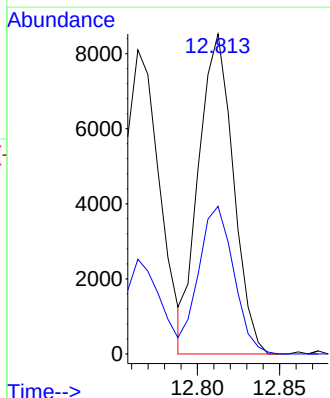
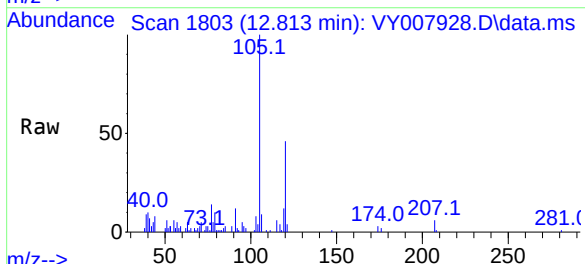
Instrument :
MSVOA_Y
ClientSampleId :
C-8-7-8

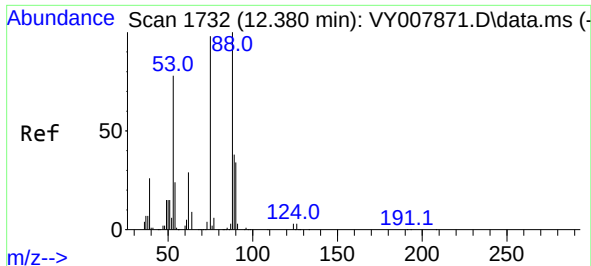
Tgt Ion: 75 Resp: 99300
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 1.034 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

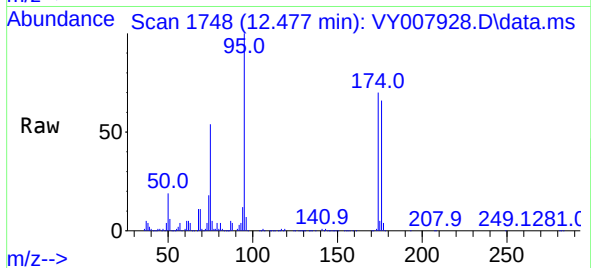
Tgt Ion:105 Resp: 12469
Ion Ratio Lower Upper
105 100
120 46.8 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 87.862 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

Instrument :
MSVOA_Y
ClientSampleId :
C-8-7-8



Tgt Ion: 75 Resp: 99300
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#

