

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007719.D
 Acq On : 03 Mar 2022 22:13
 Operator : SY/MD
 Sample : VY0303SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBL02

Quant Time: Mar 04 00:44:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

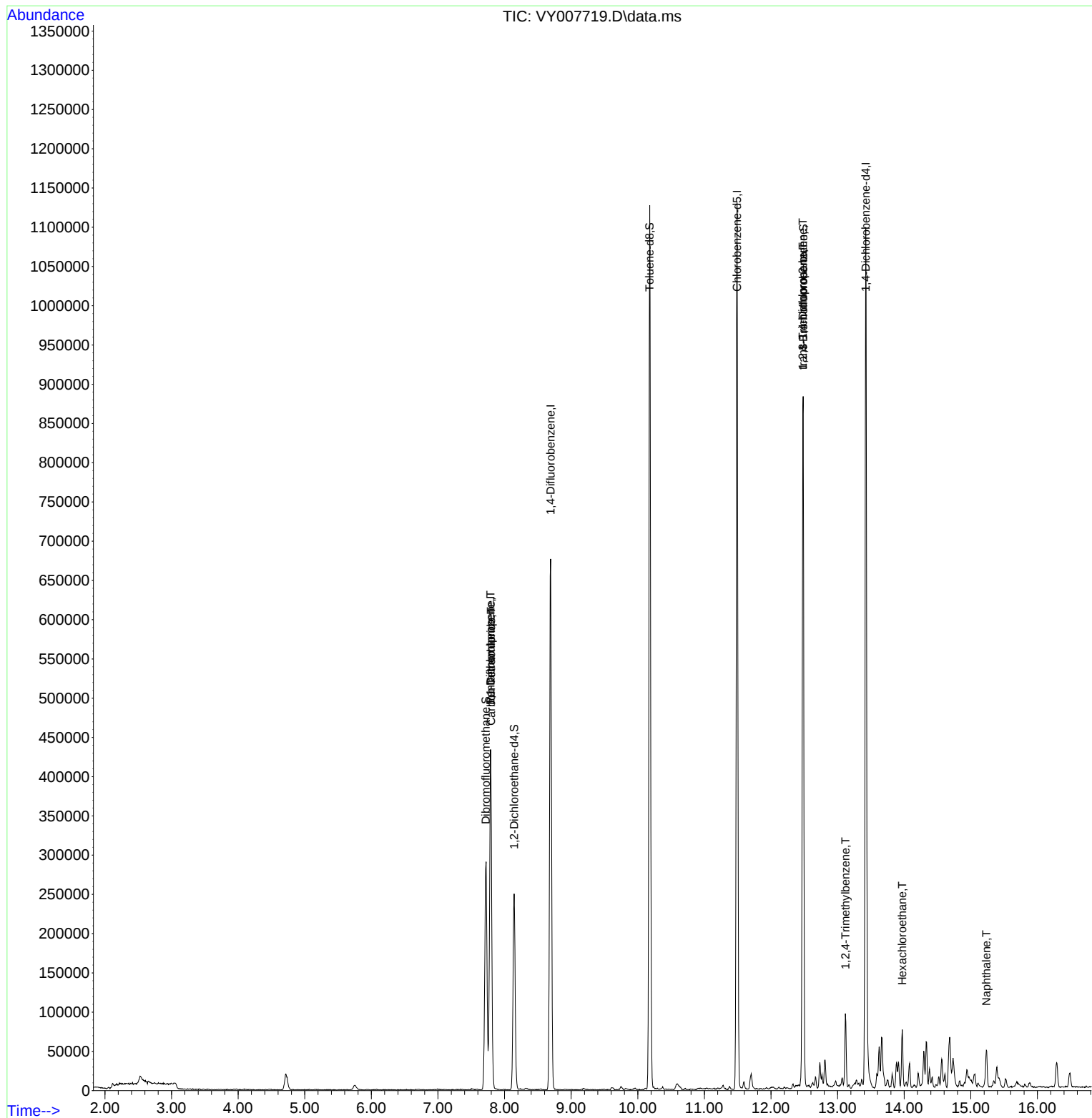
Internal Standards						
1) Pentafluorobenzene	7.789	168	341371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	598428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	598716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	279086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	192220	53.785	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.580%	
35) Dibromofluoromethane	7.716	113	197804	51.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.400%	
50) Toluene-d8	10.179	98	728777	51.747	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.500%	
62) 4-Bromofluorobenzene	12.483	95	245347	54.044	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	127	Below Cal	#	43
3) Chloromethane	2.113	50	1728	Below Cal	#	87
17) Carbon Disulfide	4.210	76	124	Below Cal	#	75
18) Methyl Acetate	4.479	43	562	Below Cal		96
31) Cyclohexane	7.789	56	6962	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	24076	4.000	ug/l #	52
38) Carbon Tetrachloride	7.795	117	32953	5.133	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	135316	43.416	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	135316	88.758	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.117	105	47643	2.782	ug/l	97
90) Hexachloroethane	13.971	117	4004	1.081	ug/l #	10
95) Naphthalene	15.233	128	36592	3.211	ug/l	98

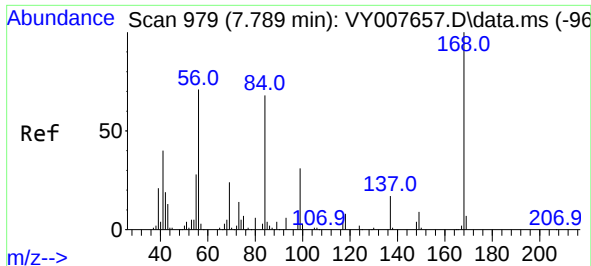
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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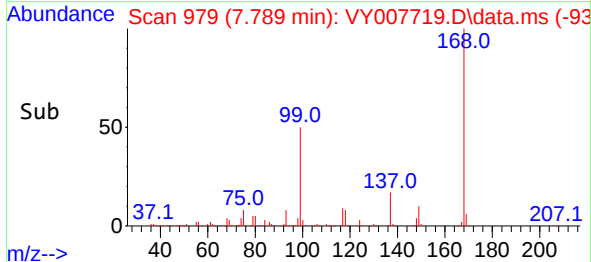
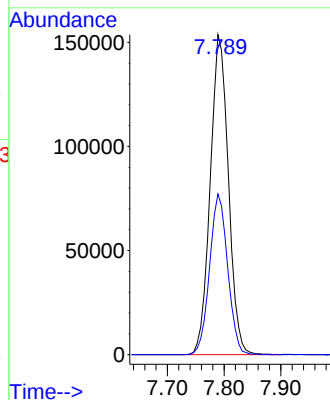
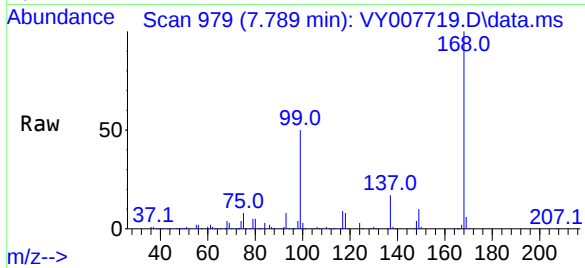




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007719.D
Acq: 03 Mar 2022 22:13

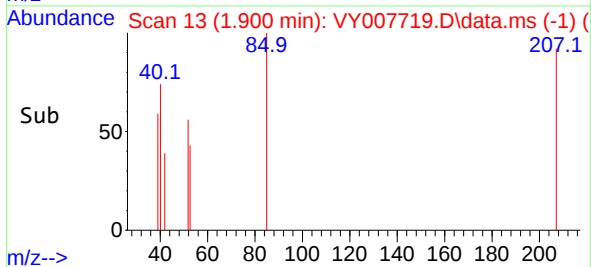
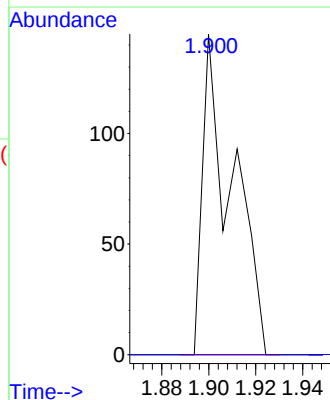
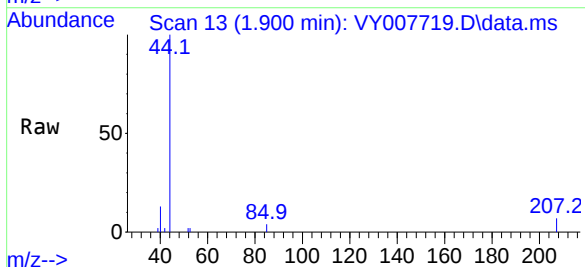
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBL02

Tgt Ion:168 Resp: 341371
Ion Ratio Lower Upper
168 100
99 50.2 46.9 70.3

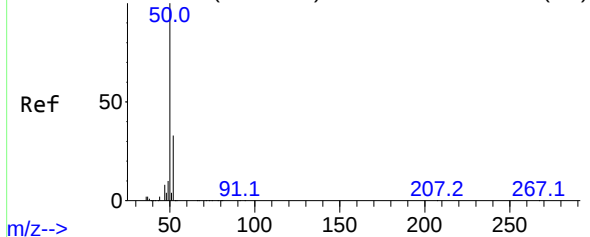


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY007719.D
Acq: 03 Mar 2022 22:13

Tgt Ion: 85 Resp: 127
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY007719.D

Acq: 03 Mar 2022 22:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0303SBL02

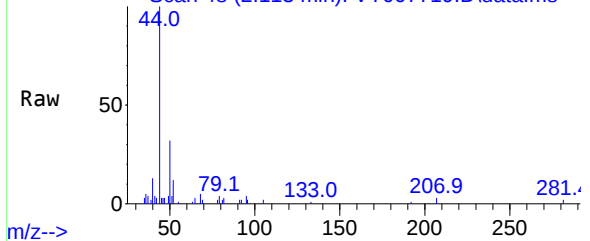
Tgt Ion: 50 Resp: 1728

Ion Ratio Lower Upper

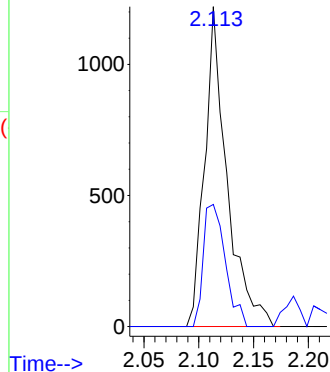
50 100

52 38.2 24.6 37.0#

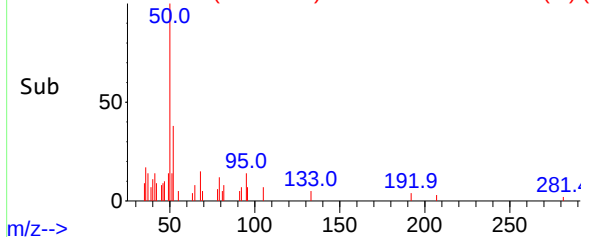
Abundance Scan 48 (2.113 min): VY007719.D\data.ms



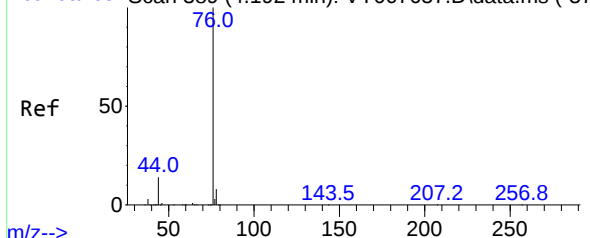
Abundance



Abundance Scan 48 (2.113 min): VY007719.D\data.ms (-1)



Abundance Scan 389 (4.192 min): VY007657.D\data.ms (-37)



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.210 min Scan# 392

Delta R.T. 0.018 min

Lab File: VY007719.D

Acq: 03 Mar 2022 22:13

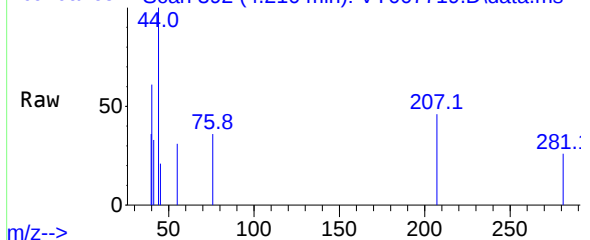
Tgt Ion: 76 Resp: 124

Ion Ratio Lower Upper

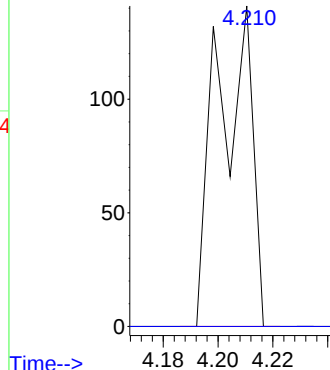
76 100

78 0.0 7.4 11.0#

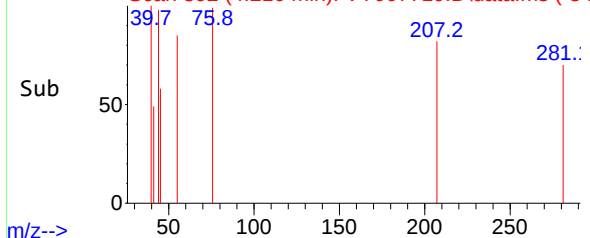
Abundance Scan 392 (4.210 min): VY007719.D\data.ms

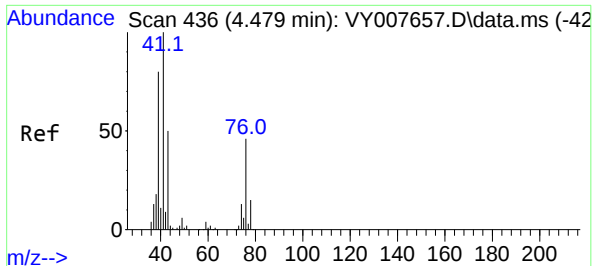


Abundance



Abundance Scan 392 (4.210 min): VY007719.D\data.ms (-34)

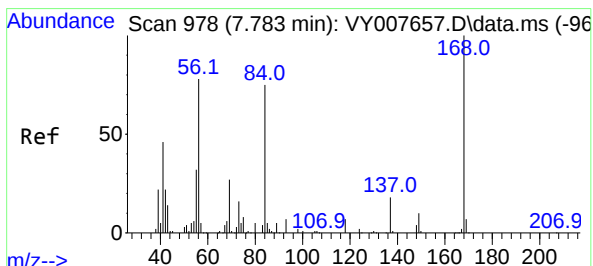
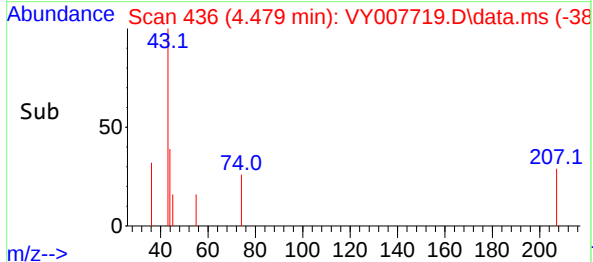
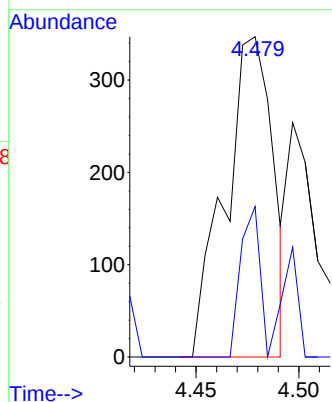
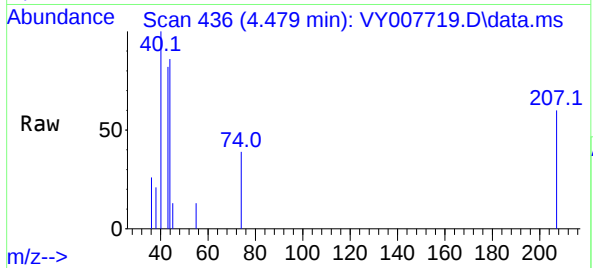




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007719.D
Acq: 03 Mar 2022 22:13

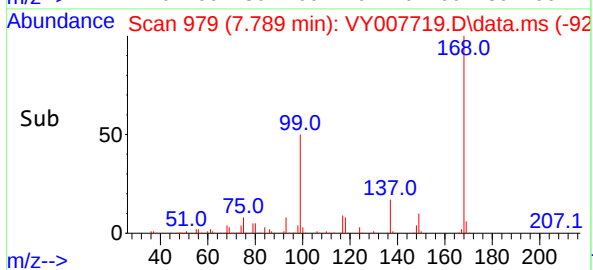
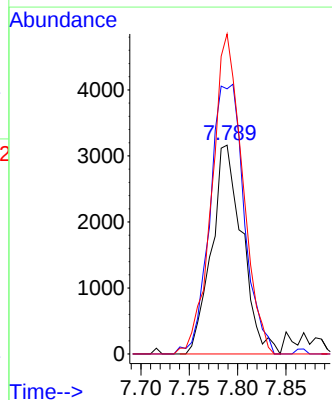
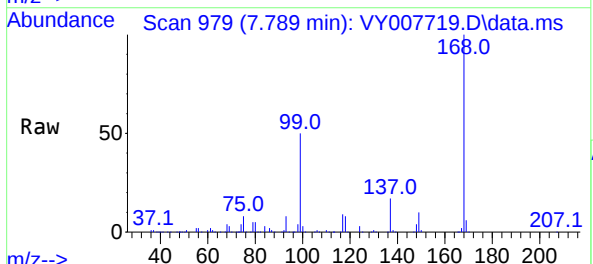
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBL02

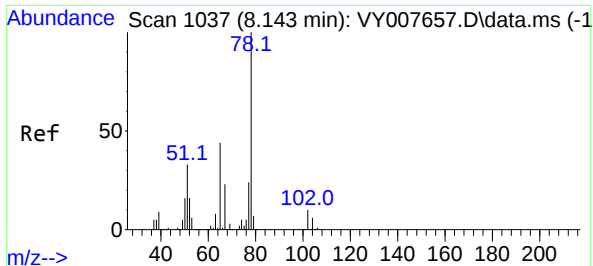
Tgt Ion: 43 Resp: 562
Ion Ratio Lower Upper
43 100
74 22.6 16.6 24.8



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007719.D
Acq: 03 Mar 2022 22:13

Tgt Ion: 56 Resp: 6962
Ion Ratio Lower Upper
56 100
69 127.0 26.7 40.1#
84 153.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 53.785 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007719.D

Acq: 03 Mar 2022 22:13

Instrument :

MSVOA_Y

ClientSampleId :

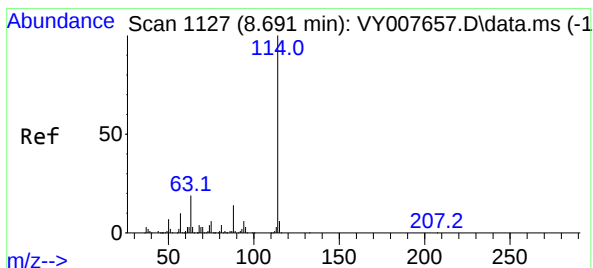
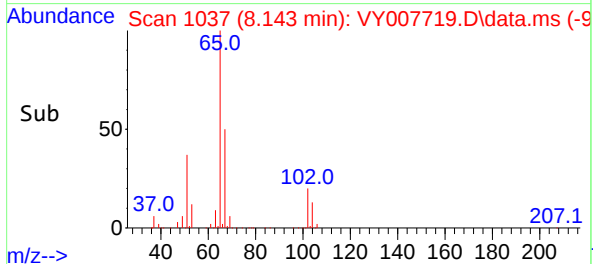
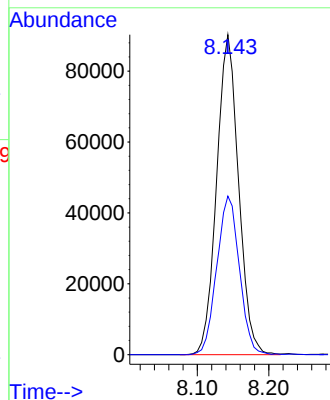
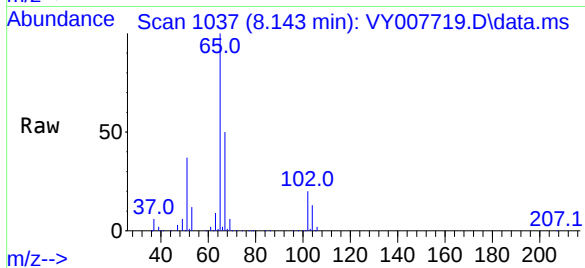
VY0303SBL02

Tgt Ion: 65 Resp: 192220

Ion Ratio Lower Upper

65 100

67 51.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007719.D

Acq: 03 Mar 2022 22:13

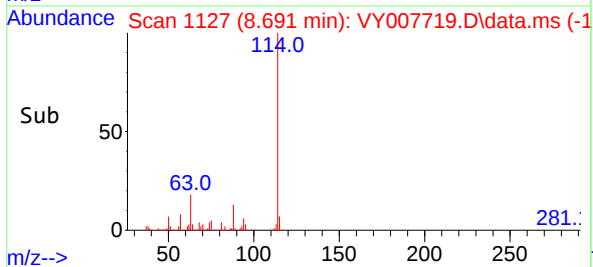
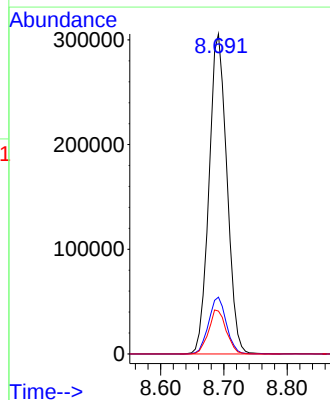
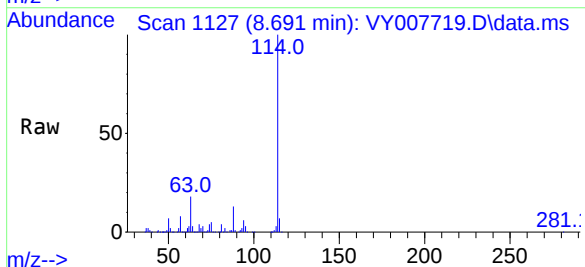
Tgt Ion:114 Resp: 598428

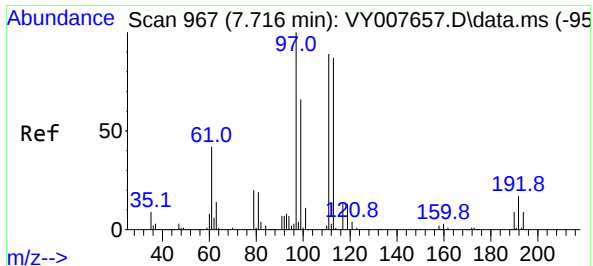
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 13.4 0.0 31.8

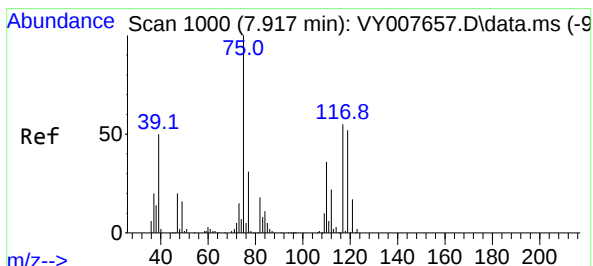
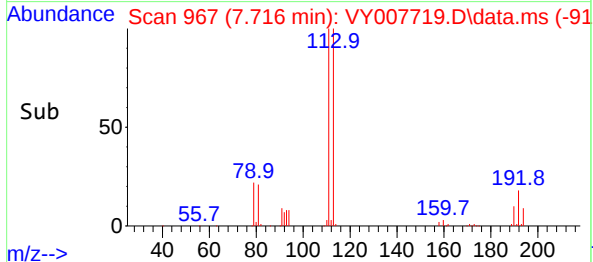
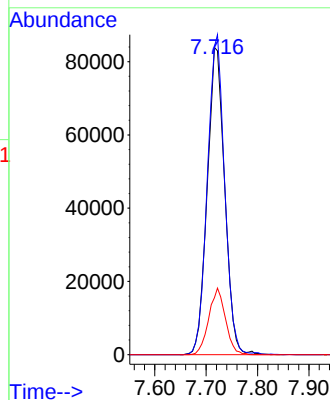
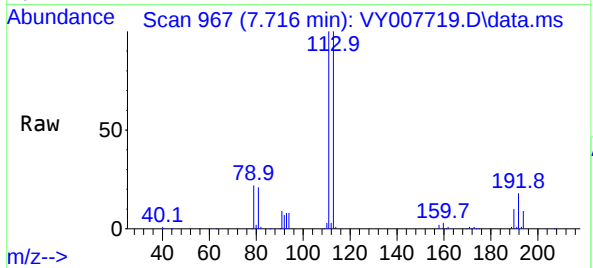




#35
Dibromofluoromethane
Concen: 51.701 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY007719.D
Acq: 03 Mar 2022 22:13

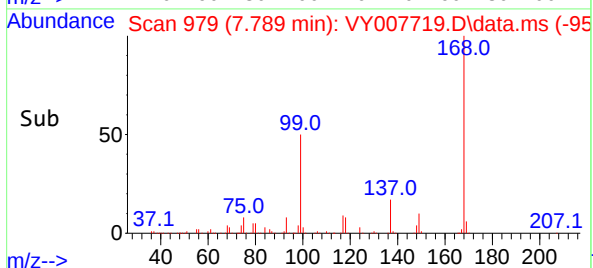
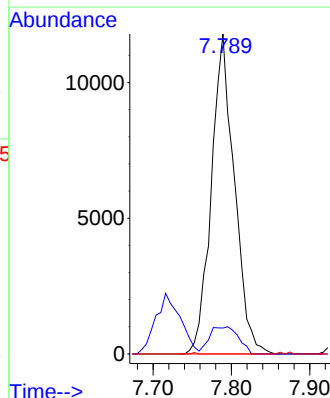
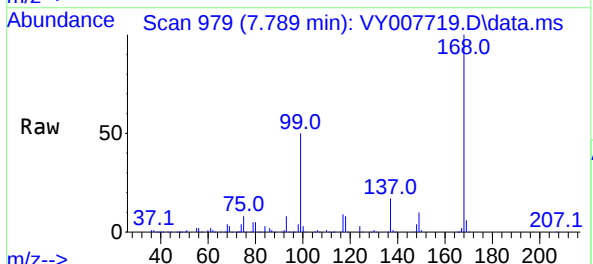
Instrument :
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VY0303SBL02

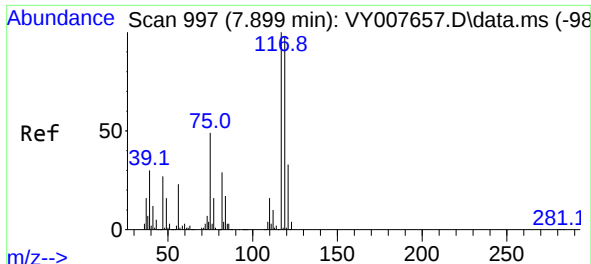
Tgt Ion:113 Resp: 197804
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.000 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007719.D
Acq: 03 Mar 2022 22:13

Tgt Ion: 75 Resp: 24076
Ion Ratio Lower Upper
75 100
110 10.6 17.1 51.2#
77 0.0 24.4 36.6#

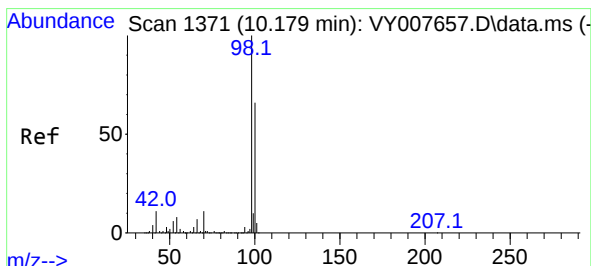
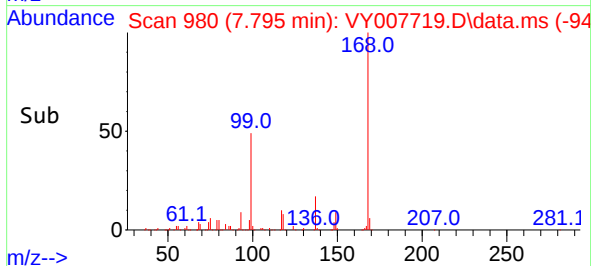
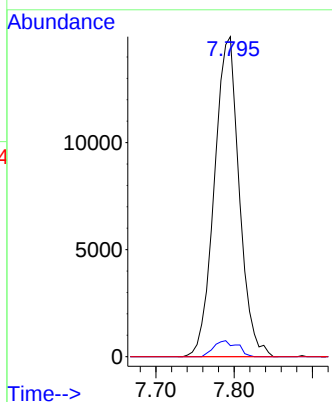
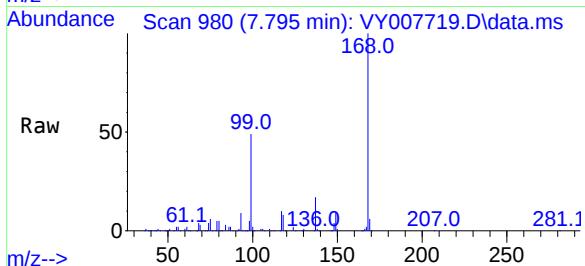




#38
Carbon Tetrachloride
Concen: 5.133 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007719.D
Acq: 03 Mar 2022 22:13

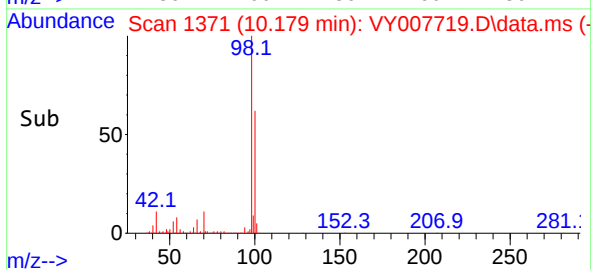
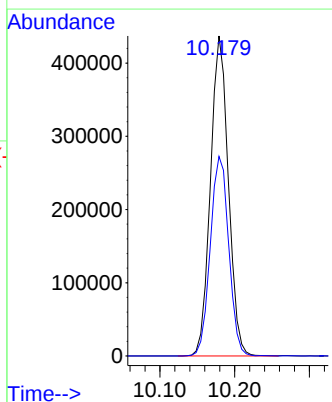
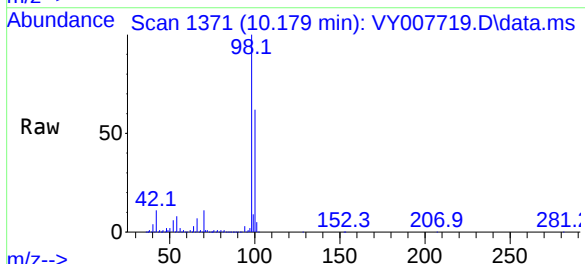
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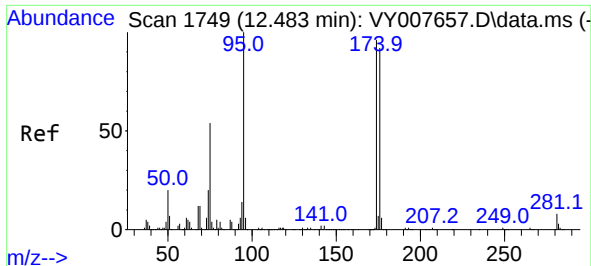
Tgt Ion:117 Resp: 32953
Ion Ratio Lower Upper
117 100
119 3.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.747 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007719.D
Acq: 03 Mar 2022 22:13

Tgt Ion: 98 Resp: 728777
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

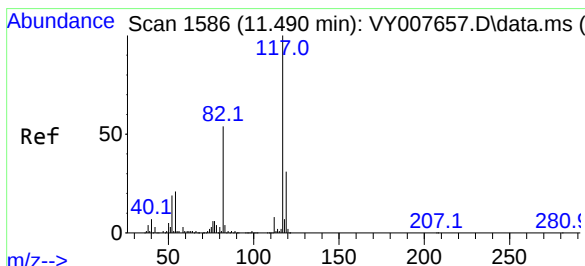
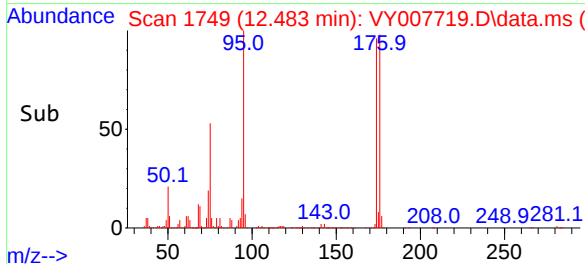
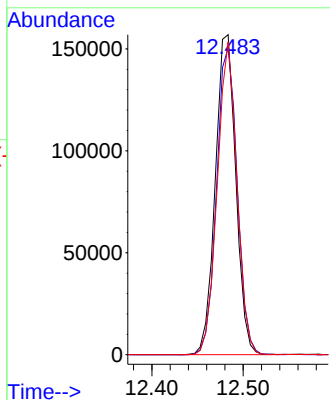
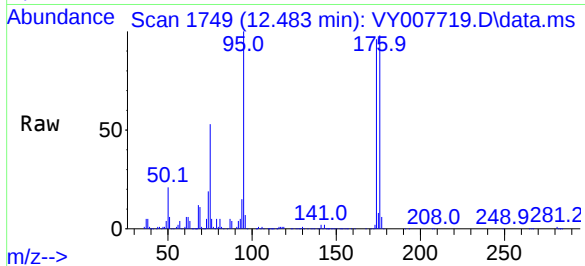




#62
4-Bromofluorobenzene
Concen: 54.044 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007719.D
Acq: 03 Mar 2022 22:13

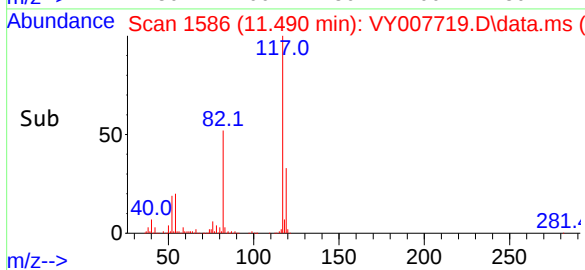
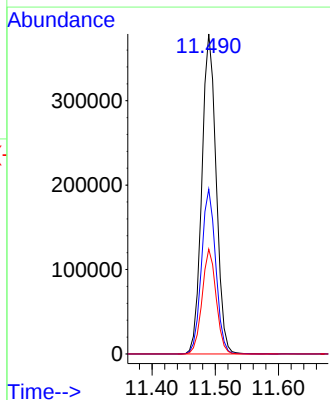
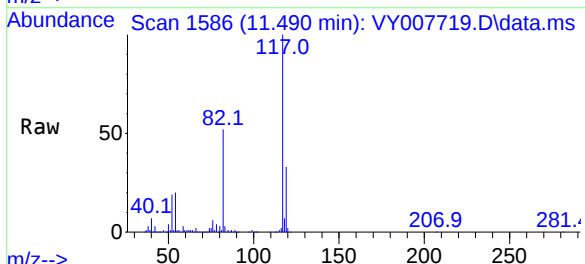
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBL02

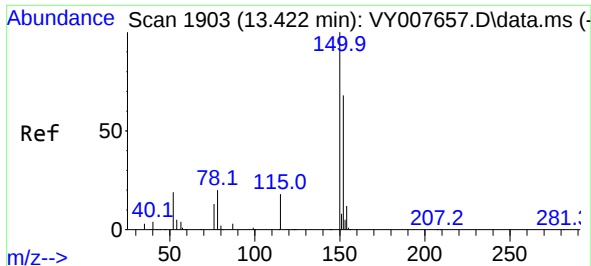
Tgt Ion: 95 Resp: 245347
Ion Ratio Lower Upper
95 100
174 96.1 0.0 177.0
176 93.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007719.D
Acq: 03 Mar 2022 22:13

Tgt Ion: 117 Resp: 598716
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 32.7 25.4 38.0



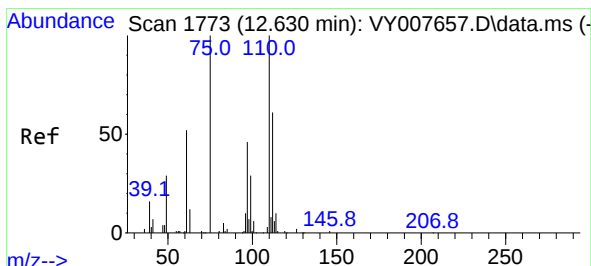
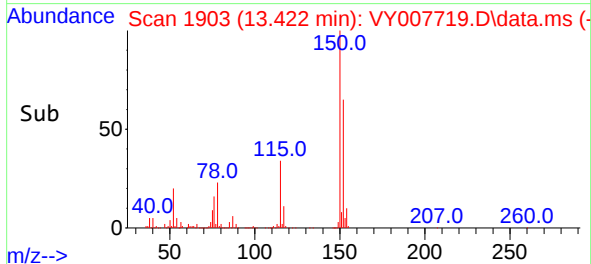
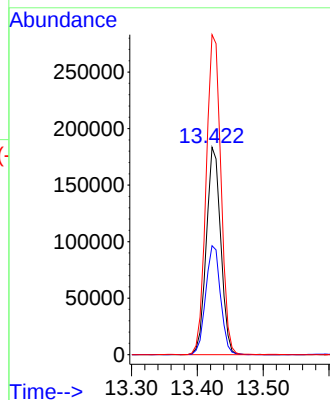
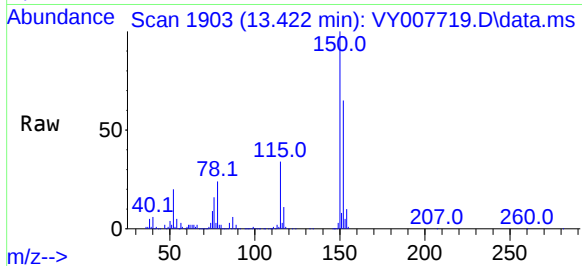


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007719.D
 Acq: 03 Mar 2022 22:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBL02

Tgt Ion:152 Resp: 279086

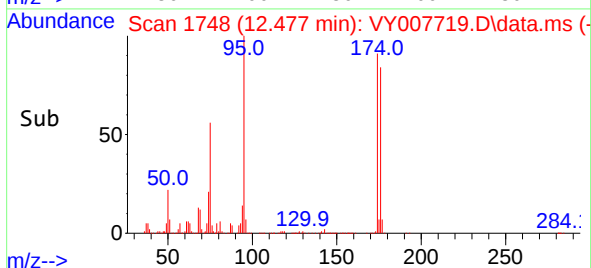
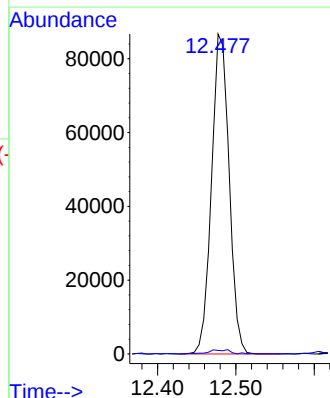
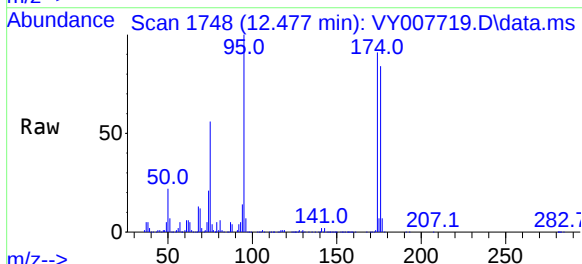
Ion	Ratio	Lower	Upper
152	100		
115	54.4	28.2	84.7
150	158.3	0.0	347.6

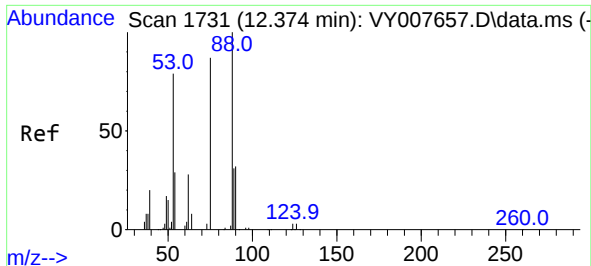


#76
 1,2,3-Trichloropropane
 Concen: 43.416 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY007719.D
 Acq: 03 Mar 2022 22:13

Tgt Ion: 75 Resp: 135316

Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#

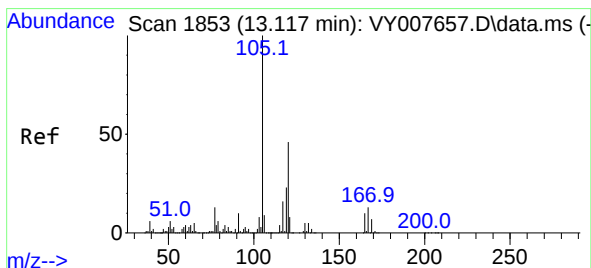
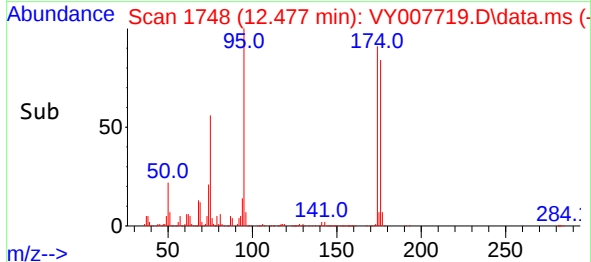
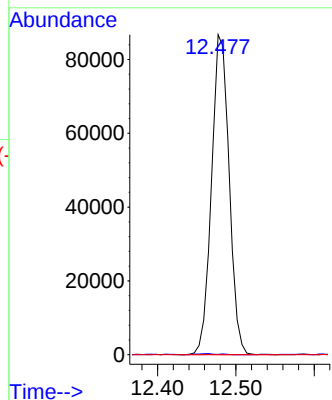
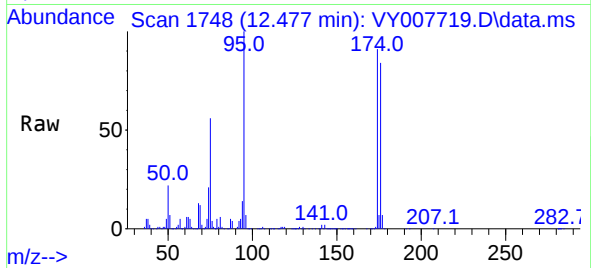




#81
trans-1,4-Dichloro-2-butene
Concen: 88.758 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY007719.D
Acq: 03 Mar 2022 22:13

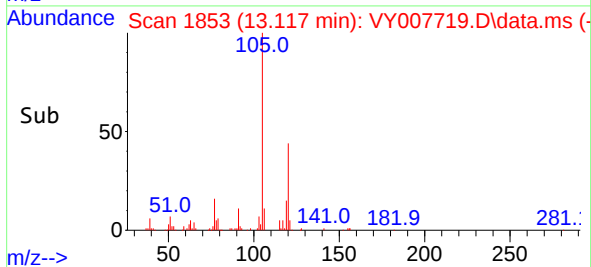
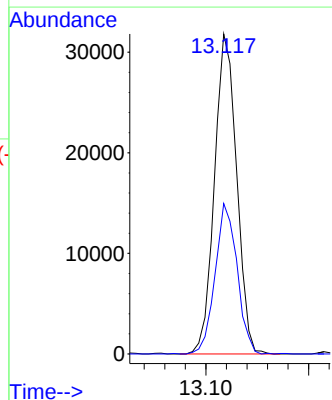
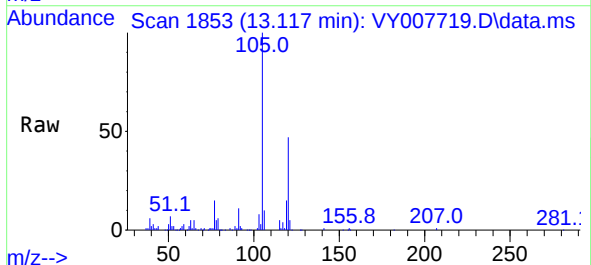
Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBL02

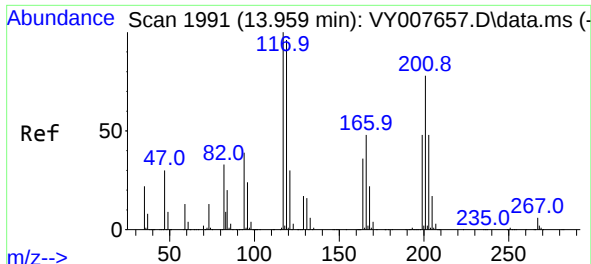
Tgt Ion: 75 Resp: 135316
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 2.782 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007719.D
Acq: 03 Mar 2022 22:13

Tgt Ion:105 Resp: 47643
Ion Ratio Lower Upper
105 100
120 46.6 22.3 66.9

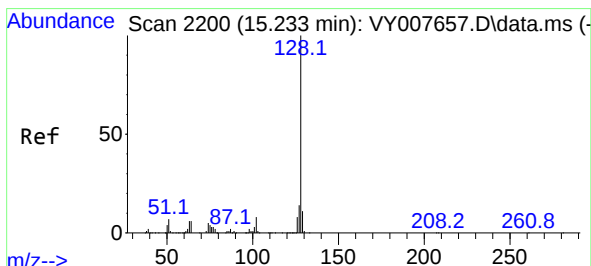
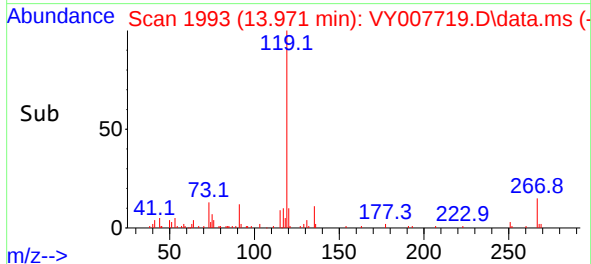
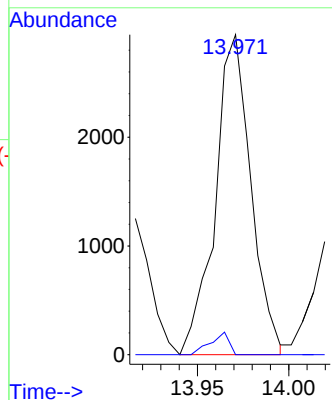
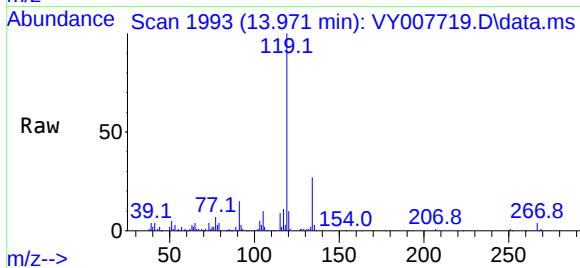




#90
Hexachloroethane
Concen: 1.081 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY007719.D
Acq: 03 Mar 2022 22:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0303SBL02

Tgt Ion:117 Resp: 4004
Ion Ratio Lower Upper
117 100
201 3.7 43.0 128.8#



#95
Naphthalene
Concen: 3.211 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007719.D
Acq: 03 Mar 2022 22:13

Tgt Ion:128 Resp: 36592
Ion Ratio Lower Upper
128 100
127 13.9 11.0 16.4
129 12.0 8.4 12.6

