

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
 Data File : VY007622.D
 Acq On : 24 Feb 2022 17:04
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 25 05:43:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

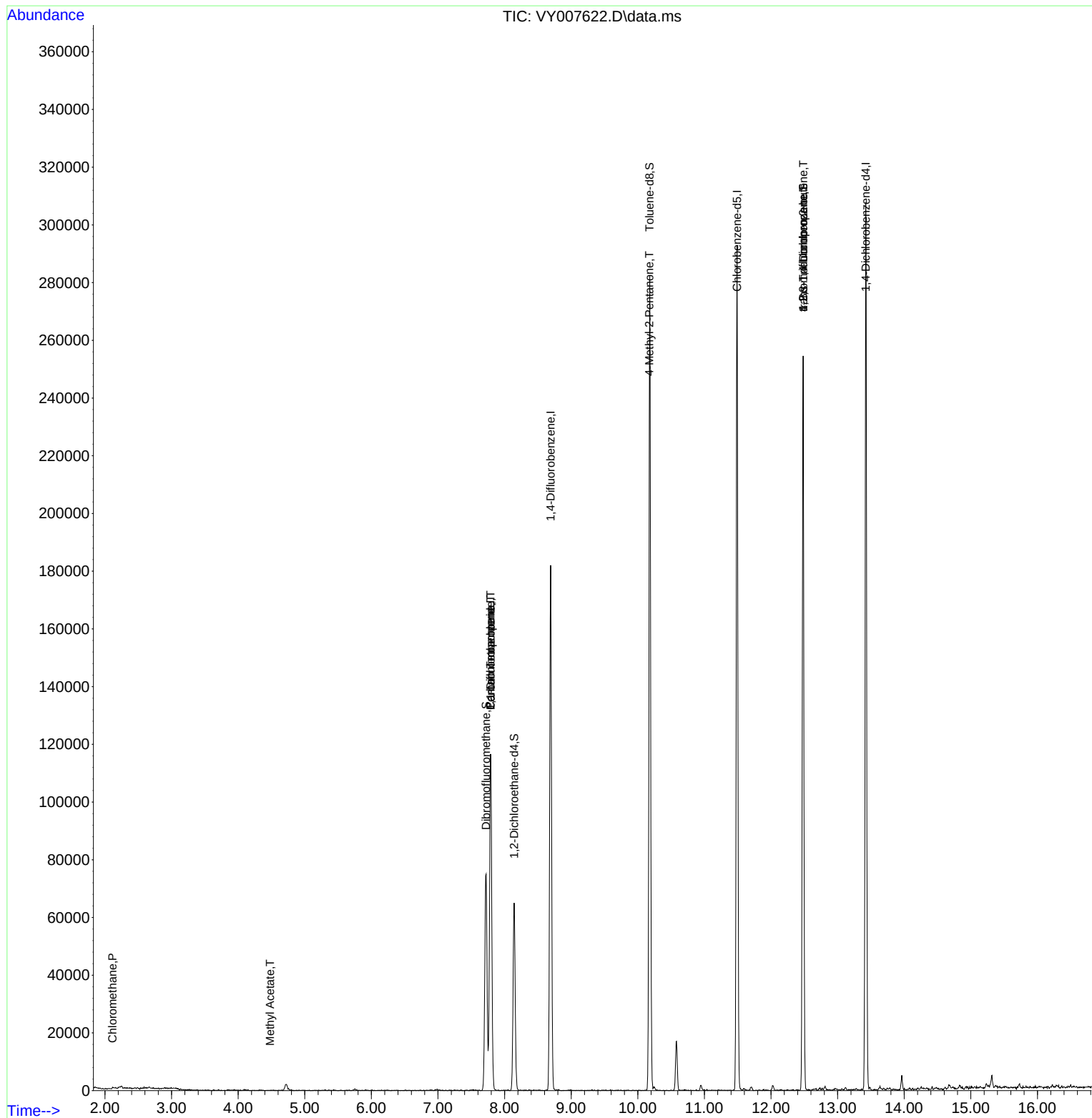
Internal Standards						
1) Pentafluorobenzene	7.789	168	93154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	158624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	159350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	50791	49.012	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.020%		
35) Dibromofluoromethane	7.722	113	50282	50.237	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.480%		
50) Toluene-d8	10.179	98	184150	49.749	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.500%		
62) 4-Bromofluorobenzene	12.483	95	67913	53.661	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	107.320%		
Target Compounds			Qvalue			
3) Chloromethane	2.113	50	307	1.020	ug/l #	50
5) Bromomethane	2.662	94	168	Below Cal	#	64
18) Methyl Acetate	4.478	43	74	1.385	ug/l #	56
20) Methylene Chloride	4.716	84	1761	Below Cal	#	71
31) Cyclohexane	7.783	56	1912	Below Cal	#	46
36) 1,1-Dichloropropene	7.789	75	6533	4.529	ug/l #	52
38) Carbon Tetrachloride	7.789	117	9807	4.643	ug/l #	14
51) 4-Methyl-2-Pentanone	10.172	43	867	1.299	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	38795	51.579	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38795	110.904	ug/l #	7

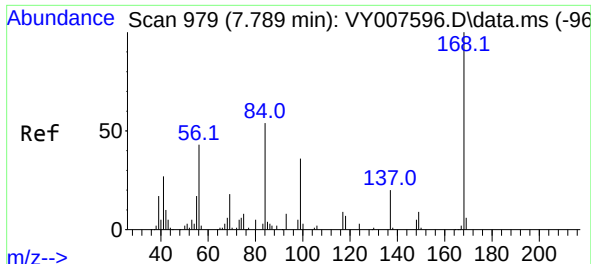
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 25 05:43:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

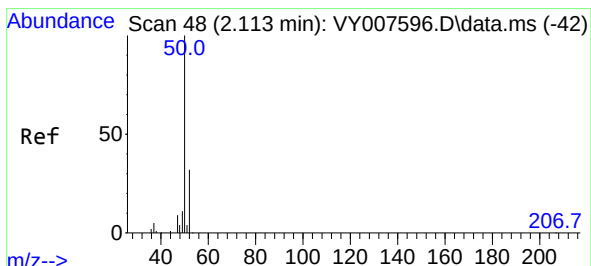
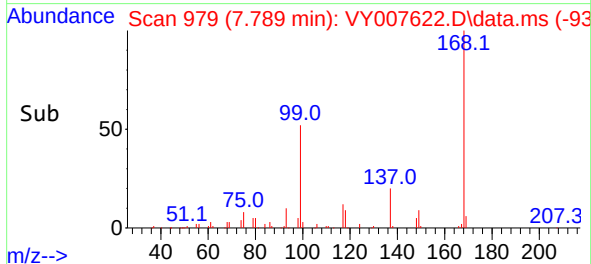
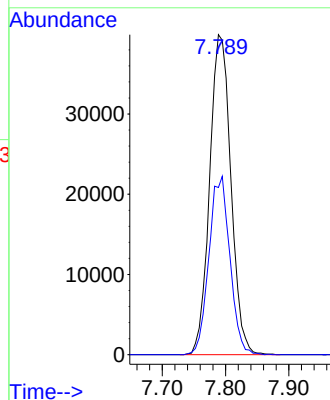
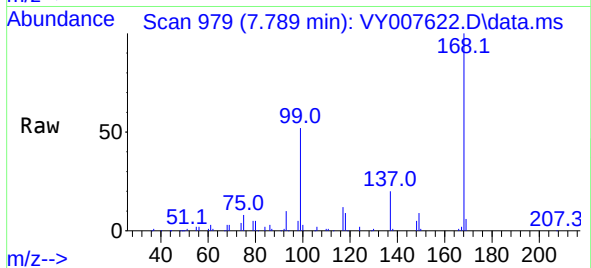




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007622.D
Acq: 24 Feb 2022 17:04

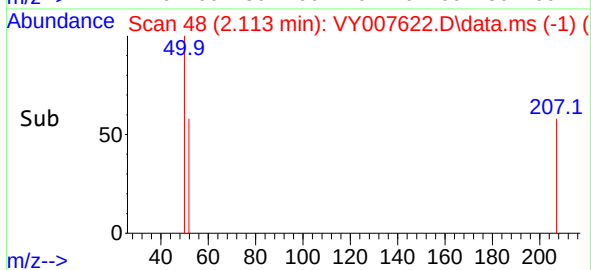
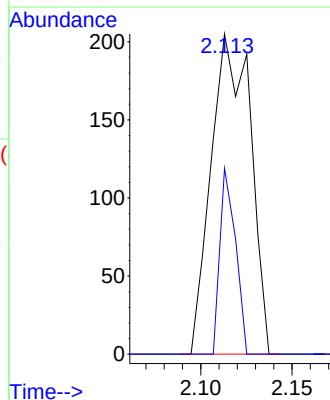
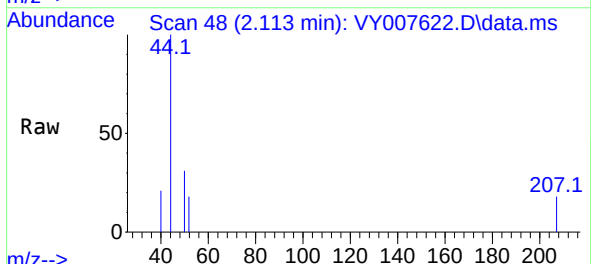
Instrument :
MSVOA_Y
ClientSampleId :

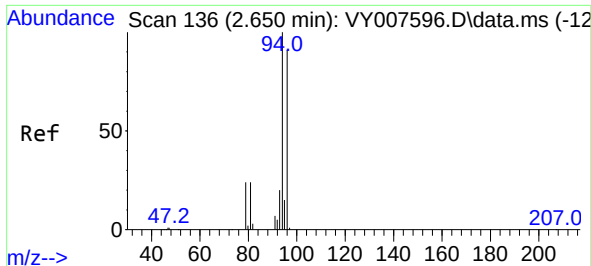
Tgt Ion:168 Resp: 93154
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#3
Chloromethane
Concen: 1.020 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY007622.D
Acq: 24 Feb 2022 17:04

Tgt Ion: 50 Resp: 307
Ion Ratio Lower Upper
50 100
52 58.0 24.6 37.0#

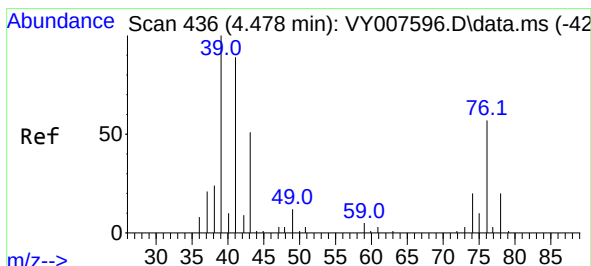
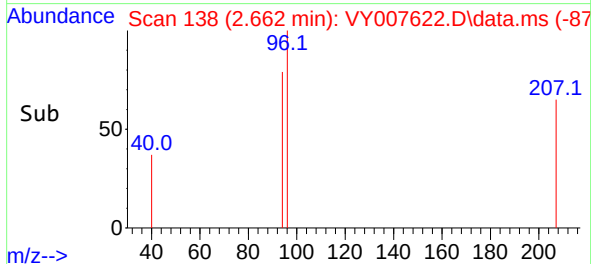
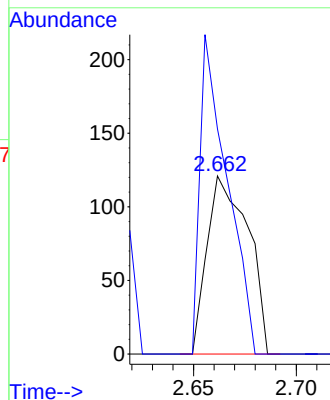
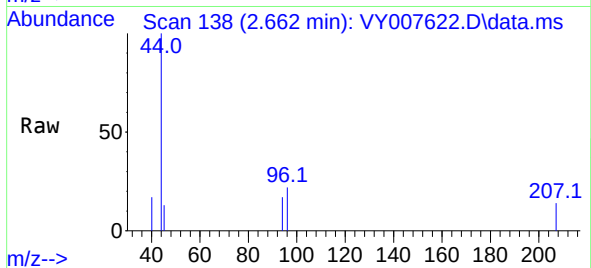




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY007622.D
Acq: 24 Feb 2022 17:04

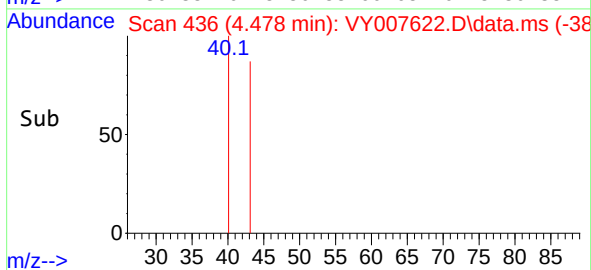
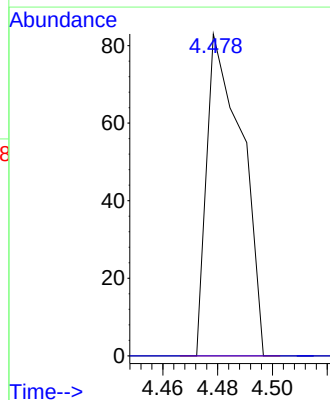
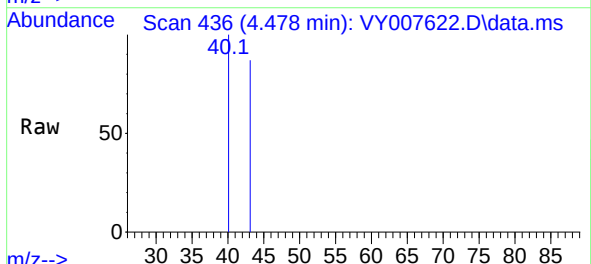
Instrument :
MSVOA_Y
ClientSampleId :

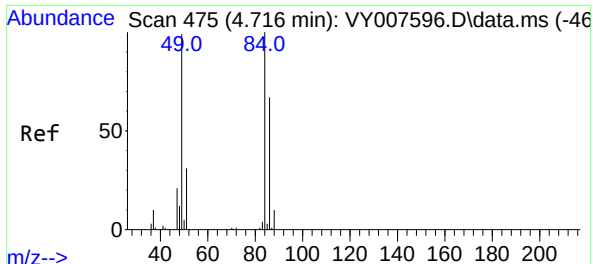
Tgt Ion: 94 Resp: 168
Ion Ratio Lower Upper
94 100
96 126.4 73.5 110.3#



#18
Methyl Acetate
Concen: 1.385 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY007622.D
Acq: 24 Feb 2022 17:04

Tgt Ion: 43 Resp: 74
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. 0.000 min

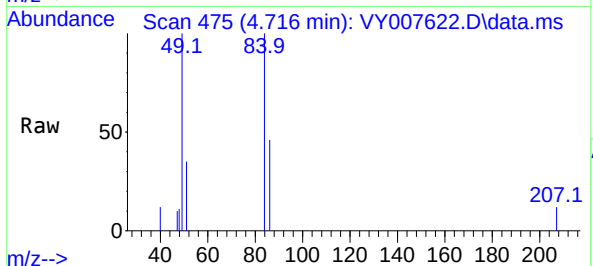
Lab File: VY007622.D

Acq: 24 Feb 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 1761

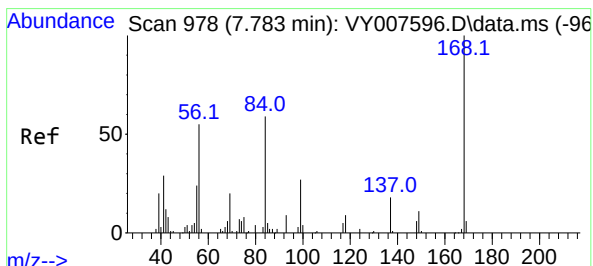
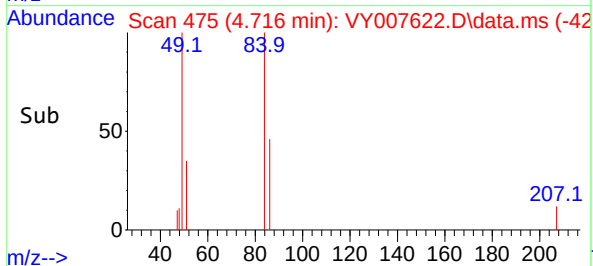
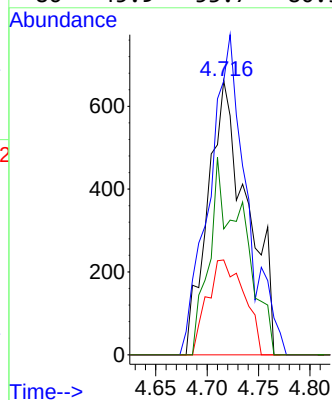
Ion Ratio Lower Upper

84 100

49 99.8 114.4 171.6#

51 34.6 35.3 52.9#

86 45.9 53.7 80.5#



#31

Cyclohexane

Concen: Below Cal

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY007622.D

Acq: 24 Feb 2022 17:04

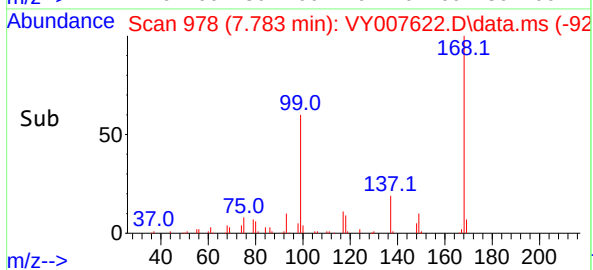
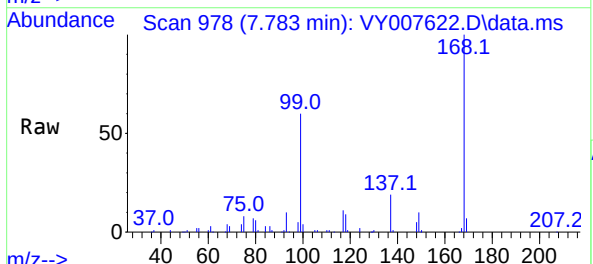
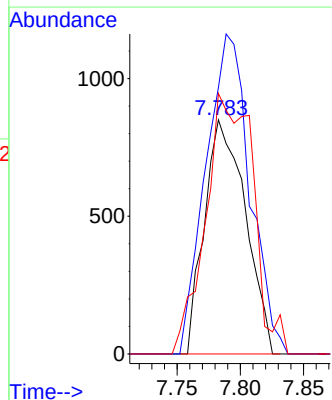
Tgt Ion: 56 Resp: 1912

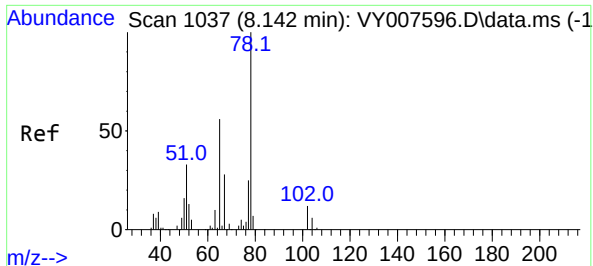
Ion Ratio Lower Upper

56 100

69 113.9 26.7 40.1#

84 101.5 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 49.012 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007622.D

Acq: 24 Feb 2022 17:04

Instrument :

MSVOA_Y

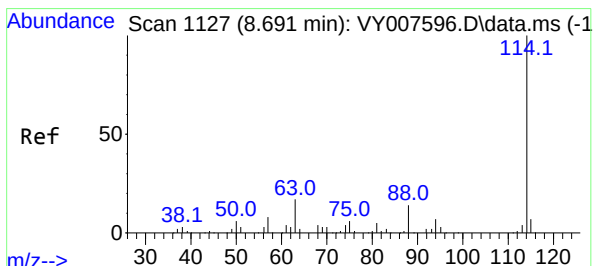
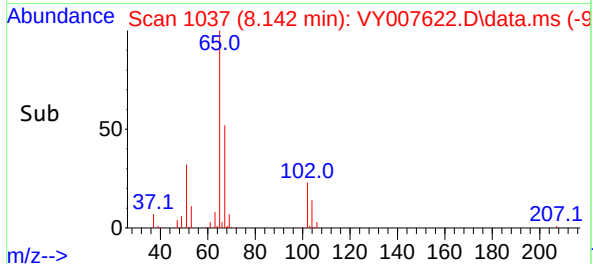
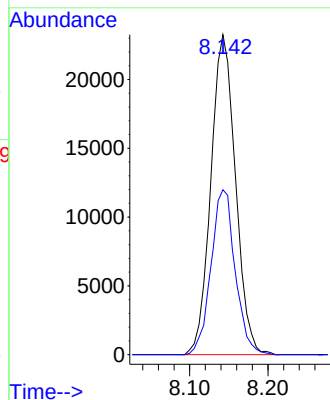
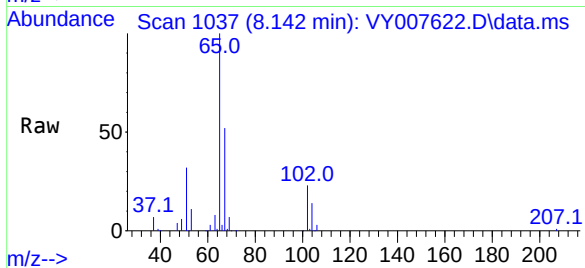
ClientSampleId :

Tgt Ion: 65 Resp: 50791

Ion Ratio Lower Upper

65 100

67 50.6 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: VY007622.D

Acq: 24 Feb 2022 17:04

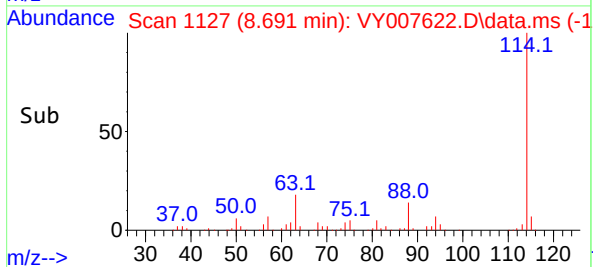
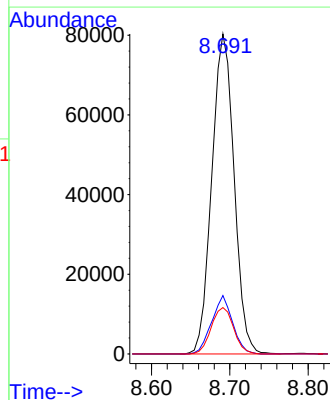
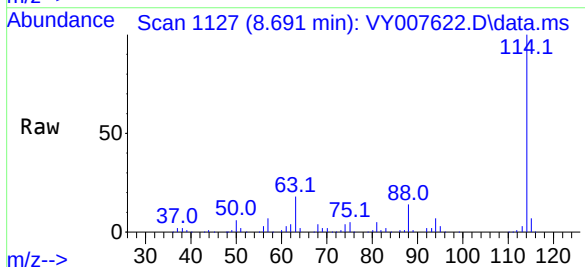
Tgt Ion: 114 Resp: 158624

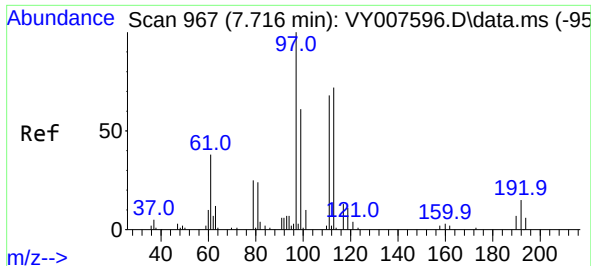
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.5 0.0 31.8

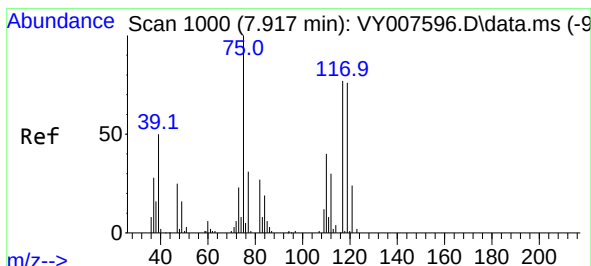
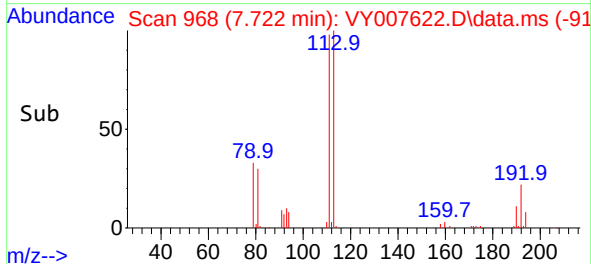
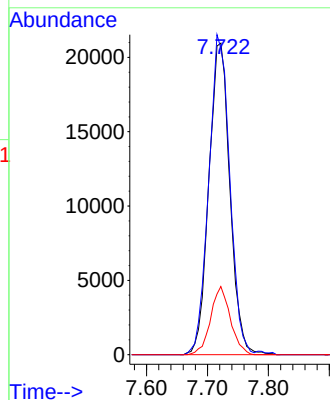
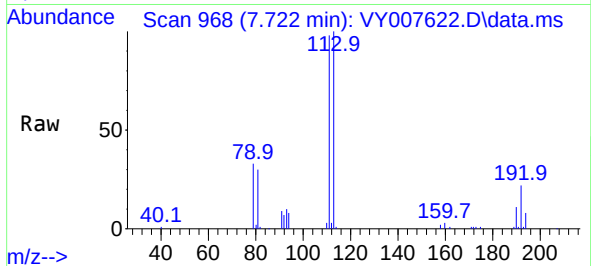




#35
Dibromofluoromethane
Concen: 50.237 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY007622.D
Acq: 24 Feb 2022 17:04

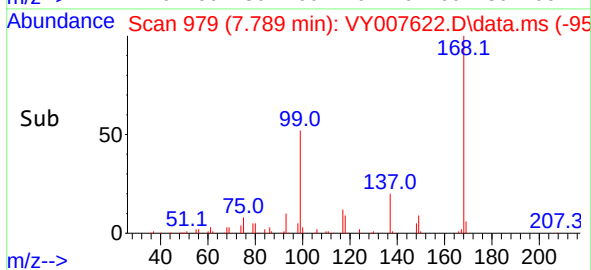
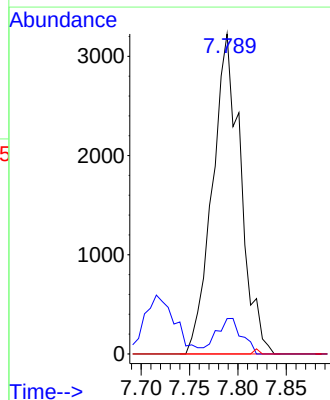
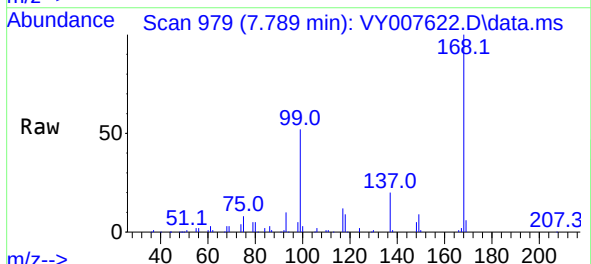
Instrument :
MSVOA_Y
ClientSampleId :

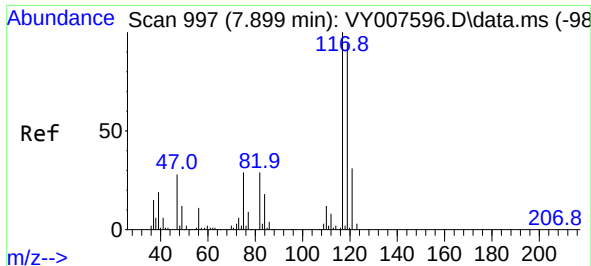
Tgt Ion:113 Resp: 50282
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.529 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007622.D
Acq: 24 Feb 2022 17:04

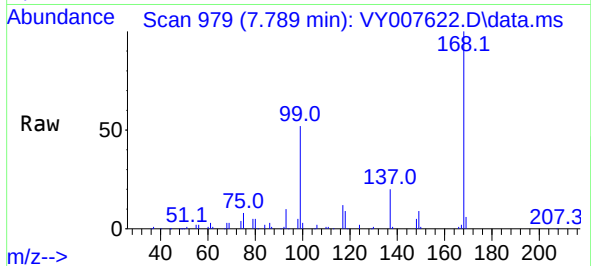
Tgt Ion: 75 Resp: 6533
Ion Ratio Lower Upper
75 100
110 10.1 17.1 51.2#
77 0.0 24.4 36.6#



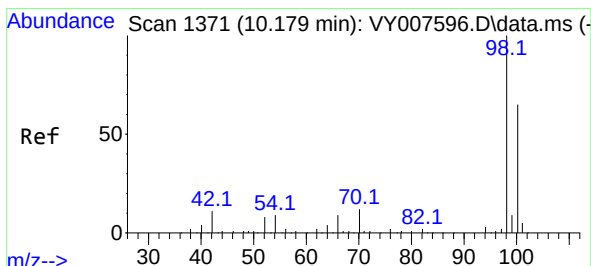
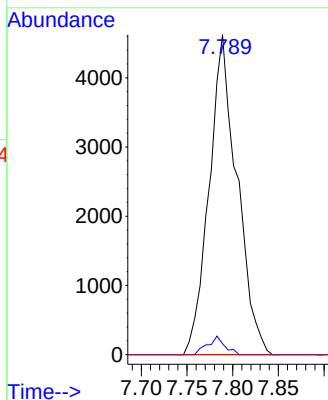
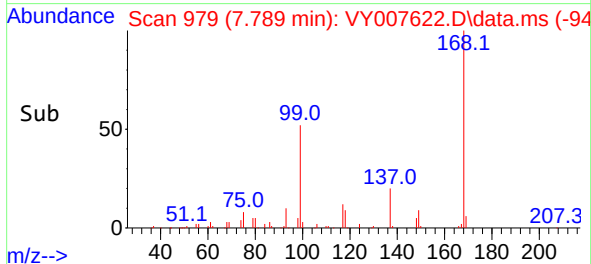


#38
Carbon Tetrachloride
Concen: 4.643 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007622.D
Acq: 24 Feb 2022 17:04

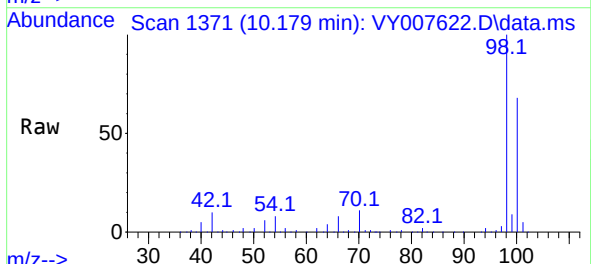
Instrument :
MSVOA_Y
ClientSampleId :



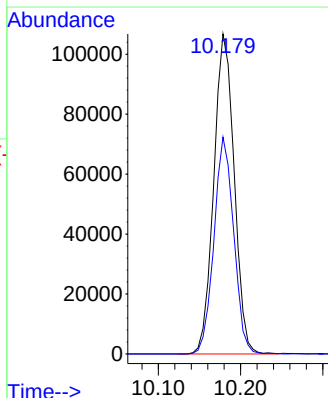
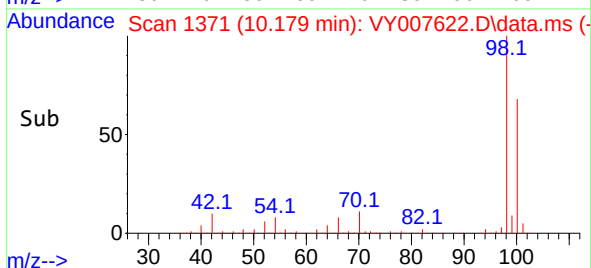
Tgt Ion:117 Resp: 9807
Ion Ratio Lower Upper
117 100
119 3.4 77.9 116.9#
121 0.0 24.8 37.2#

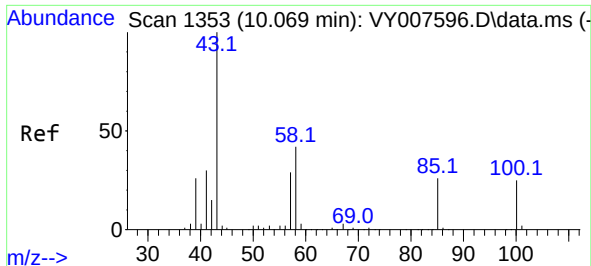


#50
Toluene-d8
Concen: 49.749 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007622.D
Acq: 24 Feb 2022 17:04



Tgt Ion: 98 Resp: 184150
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

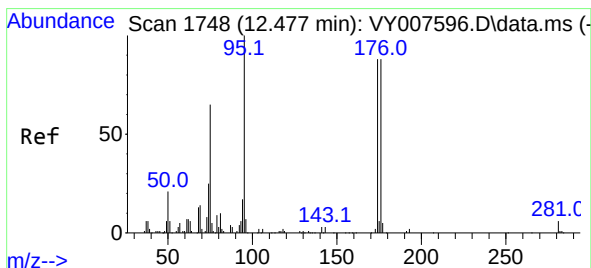
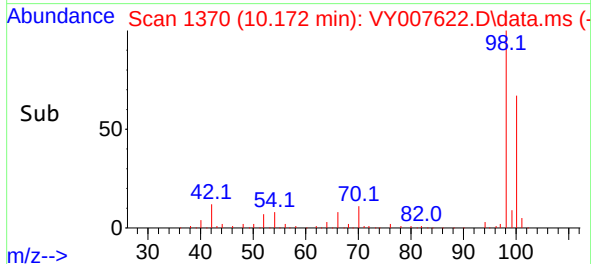
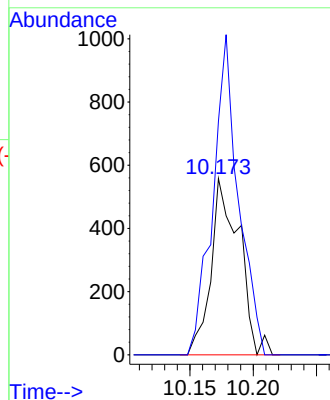
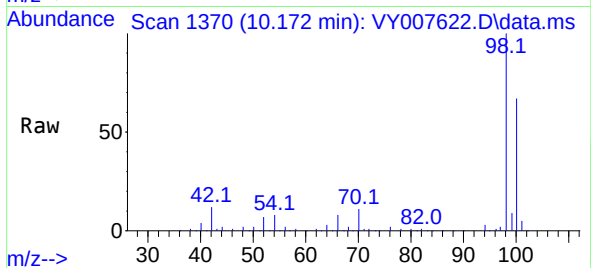




#51
4-Methyl-2-Pentanone
Concen: 1.299 ug/l
RT: 10.172 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY007622.D
Acq: 24 Feb 2022 17:04

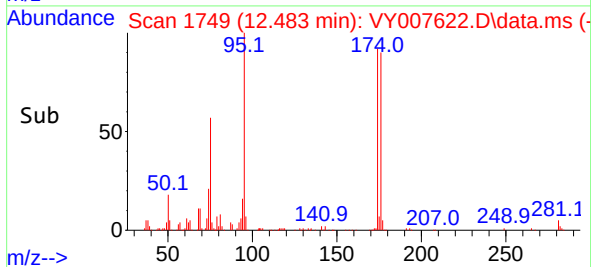
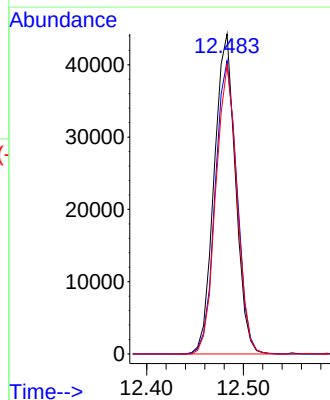
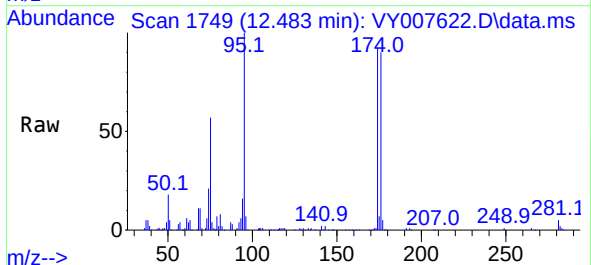
Instrument :
MSVOA_Y
ClientSampleId :

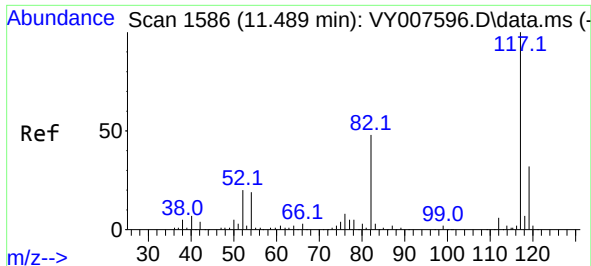
Tgt Ion: 43 Resp: 867
Ion Ratio Lower Upper
43 100
58 164.7 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 53.661 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007622.D
Acq: 24 Feb 2022 17:04

Tgt Ion: 95 Resp: 67913
Ion Ratio Lower Upper
95 100
174 93.3 0.0 177.0
176 89.7 0.0 175.8

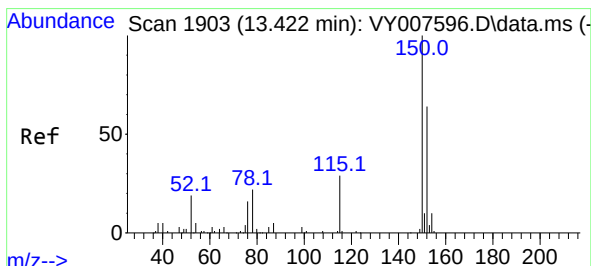
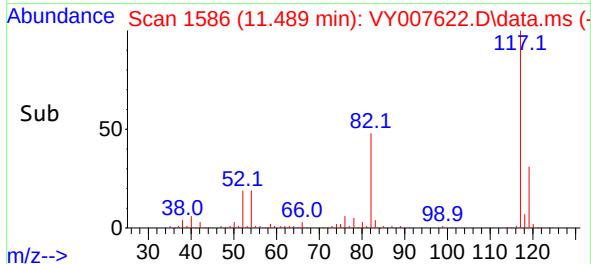
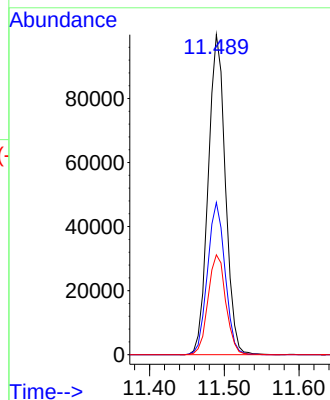
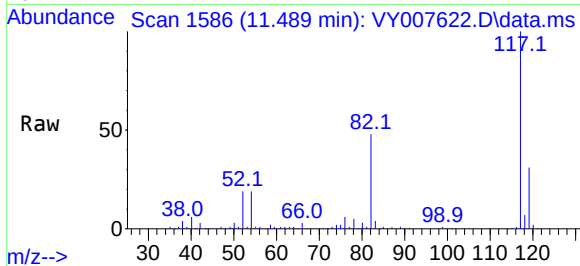




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007622.D
Acq: 24 Feb 2022 17:04

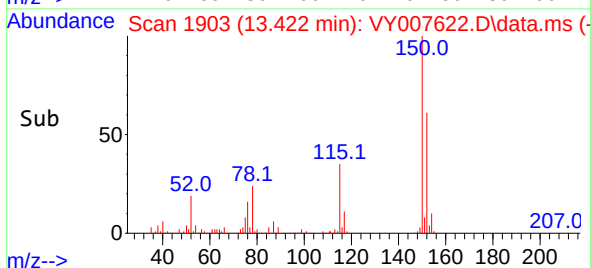
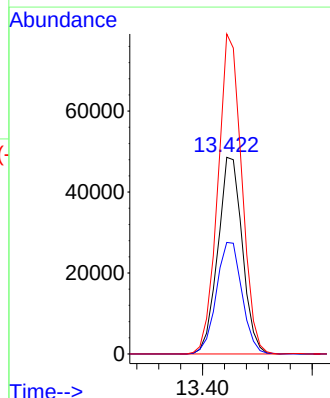
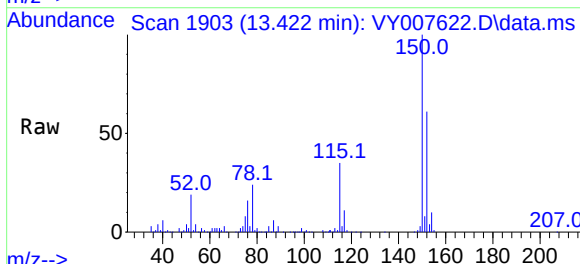
Instrument :
MSVOA_Y
ClientSampleId :

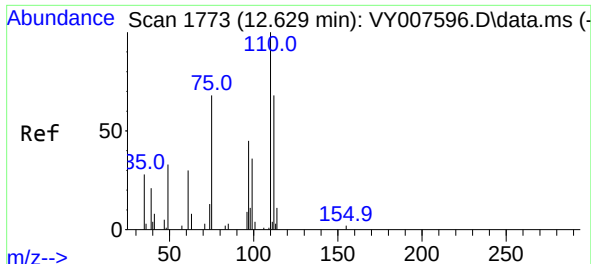
Tgt Ion:117 Resp: 159350
Ion Ratio Lower Upper
117 100
82 47.6 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007622.D
Acq: 24 Feb 2022 17:04

Tgt Ion:152 Resp: 75203
Ion Ratio Lower Upper
152 100
115 59.5 28.2 84.7
150 159.1 0.0 347.6

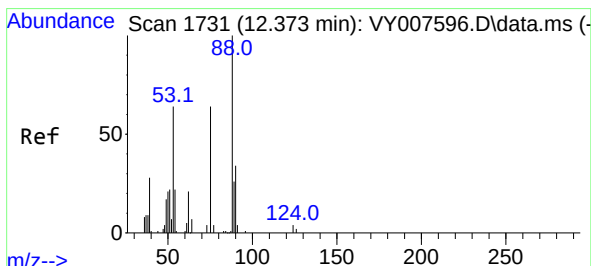
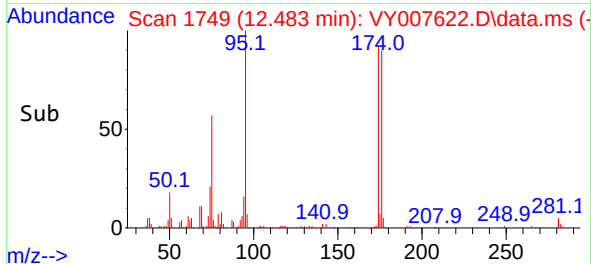
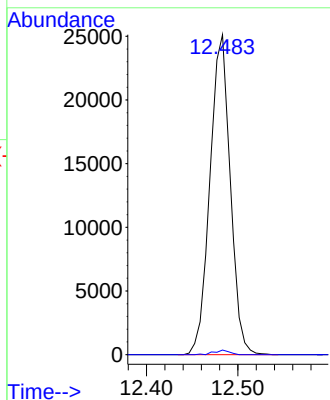
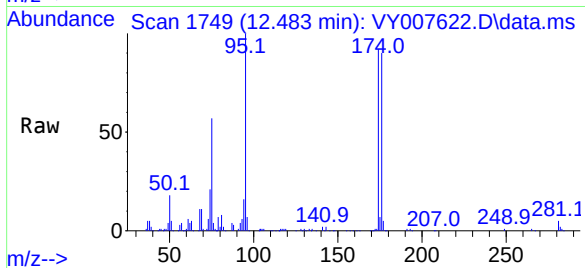




#76
1,2,3-Trichloropropane
Concen: 51.579 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY007622.D
Acq: 24 Feb 2022 17:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 38795
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.904 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY007622.D
Acq: 24 Feb 2022 17:04

Tgt Ion: 75 Resp: 38795
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

