

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008212.D
 Acq On : 05 Apr 2022 16:14
 Operator : SY/MD
 Sample : N2237-07RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A01040RE

Quant Time: Apr 06 03:58:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

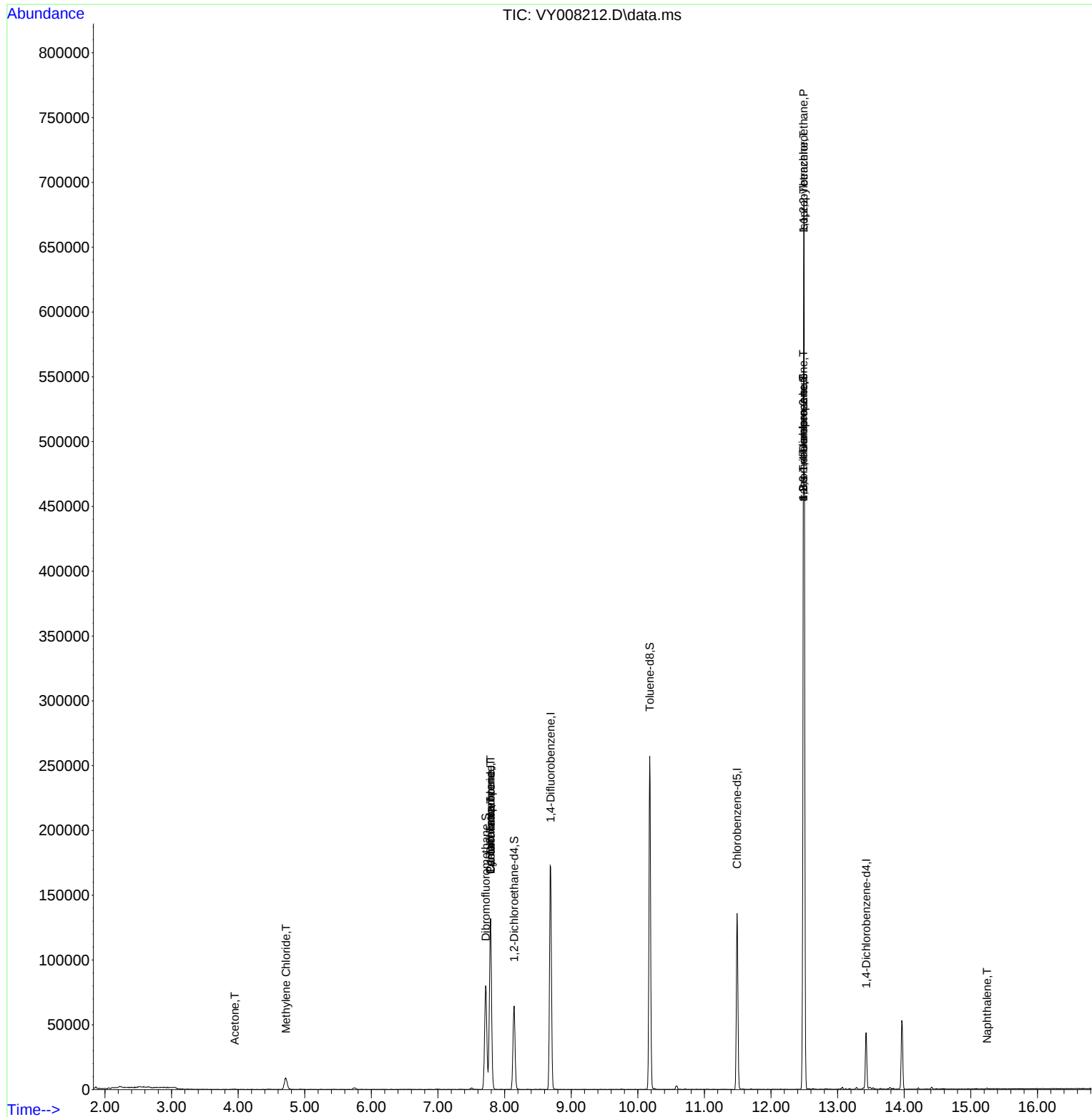
Internal Standards						
1) Pentafluorobenzene	7.789	168	102130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	158019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	76925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	48450	47.284	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.560%		
35) Dibromofluoromethane	7.716	113	57011	57.544	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	115.080%		
50) Toluene-d8	10.179	98	174630	46.785	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.560%		
62) 4-Bromofluorobenzene	12.483	95	18785	14.265	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	28.520%		
Target Compounds			Qvalue			
16) Acetone	3.948	43	393	1.678	ug/l #	47
18) Methyl Acetate	4.466	43	284	Below Cal	#	56
20) Methylene Chloride	4.716	84	7319	1.589	ug/l #	78
31) Cyclohexane	7.789	56	1959	1.023	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8051	5.173	ug/l #	49
38) Carbon Tetrachloride	7.789	117	10505	6.194	ug/l #	15
73) Isopropylbenzene	12.489	105	1742	1.945	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.489	83	414	2.378	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	14871	112.425	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14871	250.839	ug/l #	13
95) Naphthalene	15.245	128	721	1.518	ug/l #	69

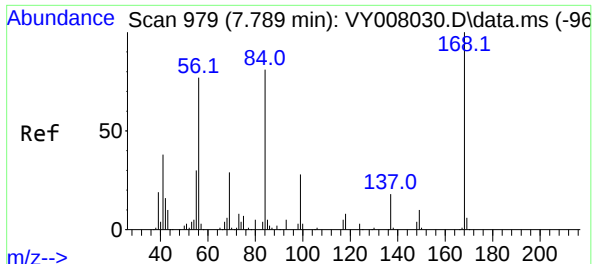
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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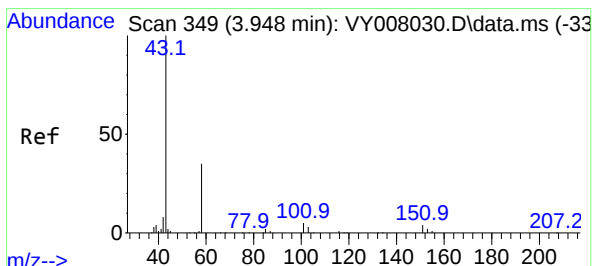
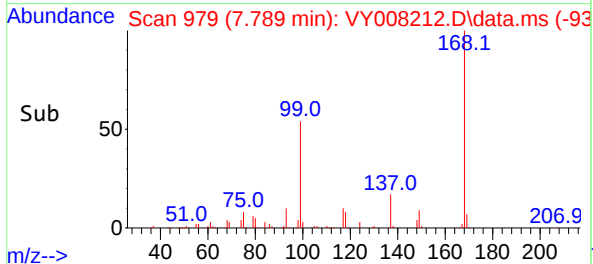
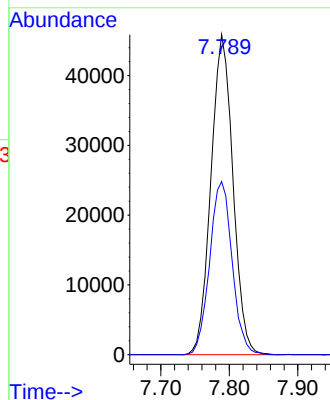
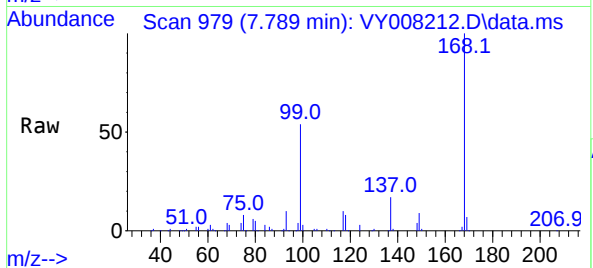




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008212.D
Acq: 05 Apr 2022 16:14

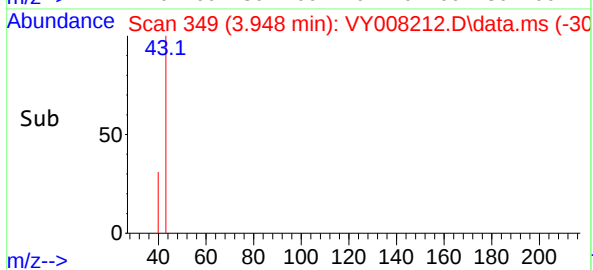
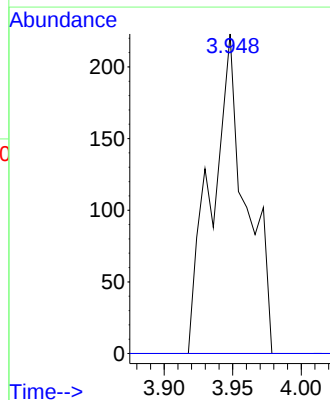
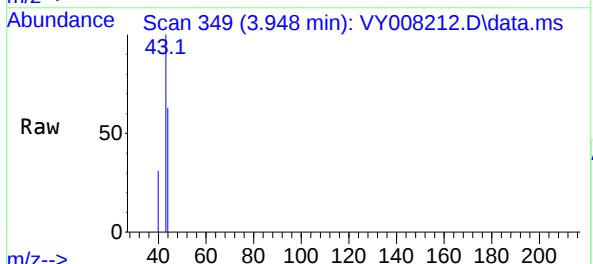
Instrument :
MSVOA_Y
ClientSampleId :
A01040RE

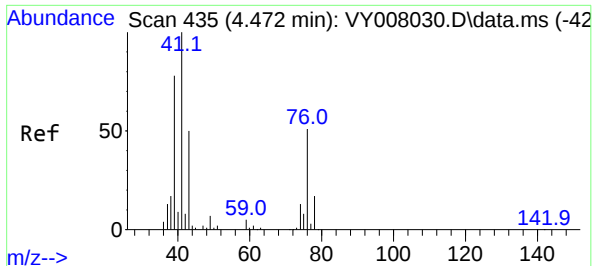
Tgt Ion:168 Resp: 102130
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#16
Acetone
Concen: 1.678 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008212.D
Acq: 05 Apr 2022 16:14

Tgt Ion: 43 Resp: 393
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

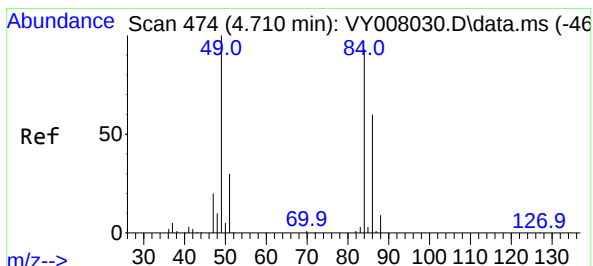
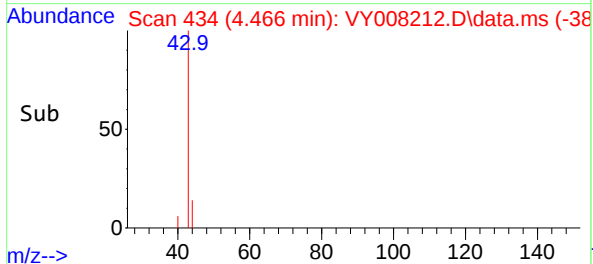
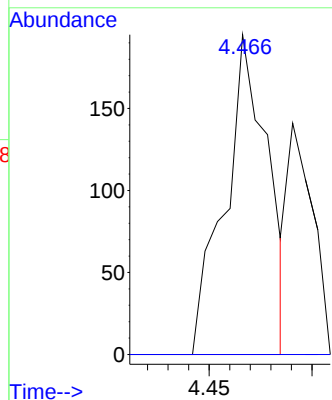
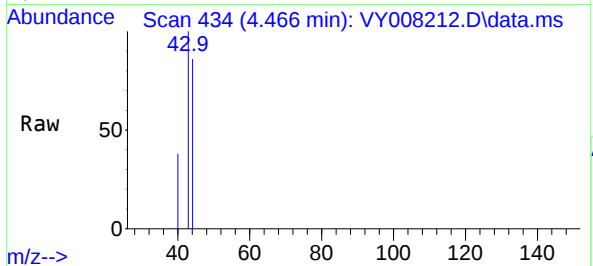




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008212.D
Acq: 05 Apr 2022 16:14

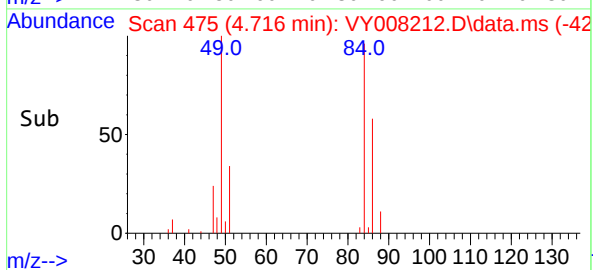
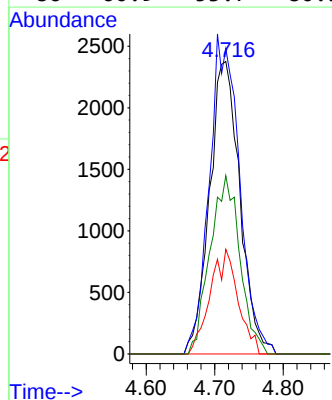
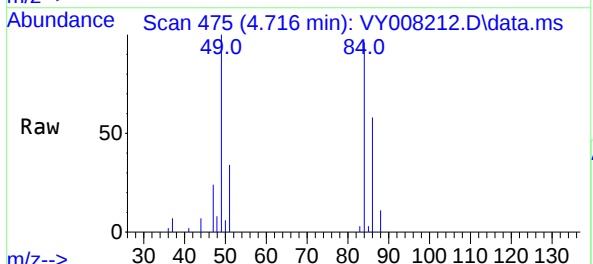
Instrument :
MSVOA_Y
ClientSampleId :
A01040RE

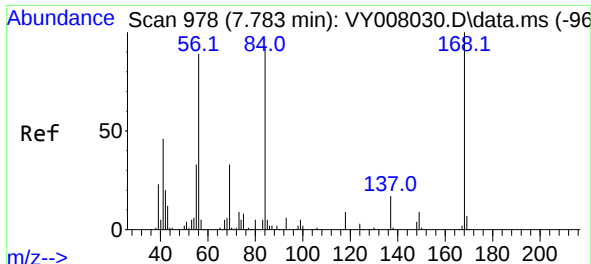
Tgt Ion: 43 Resp: 284
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 1.589 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008212.D
Acq: 05 Apr 2022 16:14

Tgt Ion: 84 Resp: 7319
Ion Ratio Lower Upper
84 100
49 104.4 114.4 171.6#
51 35.8 35.3 52.9
86 60.9 53.7 80.5

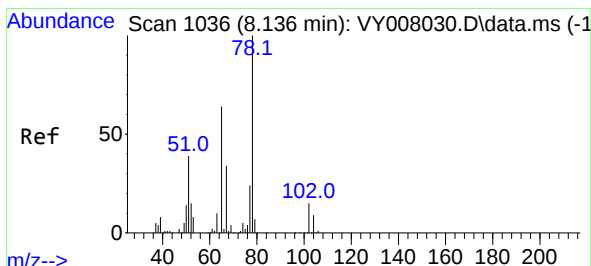
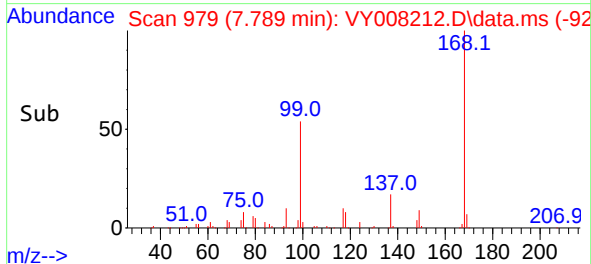
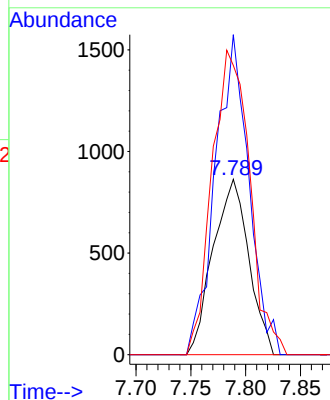
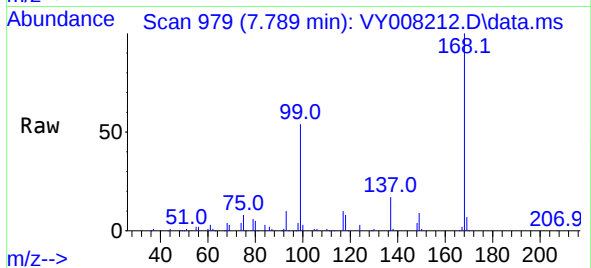




#31
Cyclohexane
Concen: 1.023 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008212.D
Acq: 05 Apr 2022 16:14

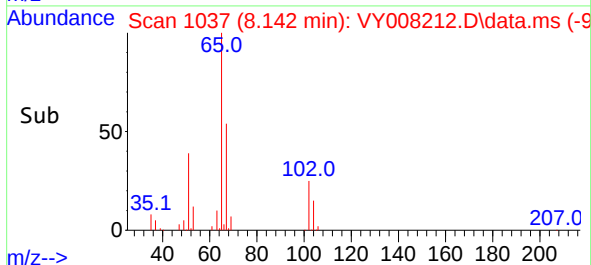
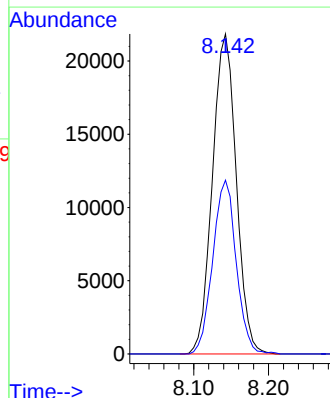
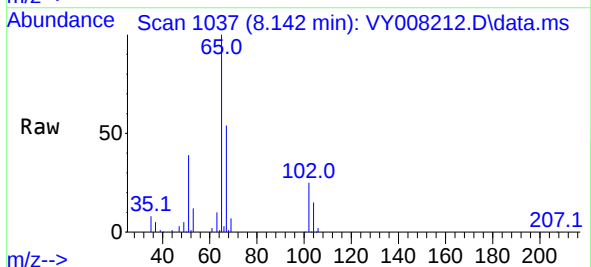
Instrument :
MSVOA_Y
ClientSampleId :
A01040RE

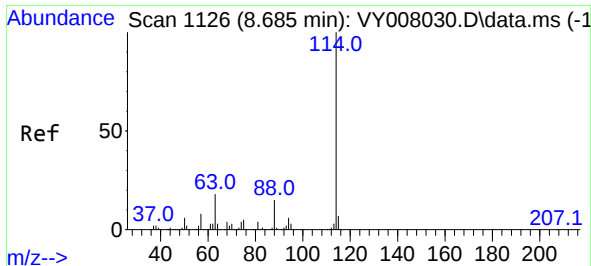
Tgt Ion: 56 Resp: 1959
Ion Ratio Lower Upper
56 100
69 182.5 26.7 40.1#
84 165.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 47.284 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008212.D
Acq: 05 Apr 2022 16:14

Tgt Ion: 65 Resp: 48450
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008212.D

Acq: 05 Apr 2022 16:14

Instrument :

MSVOA_Y

ClientSampleId :

A01040RE

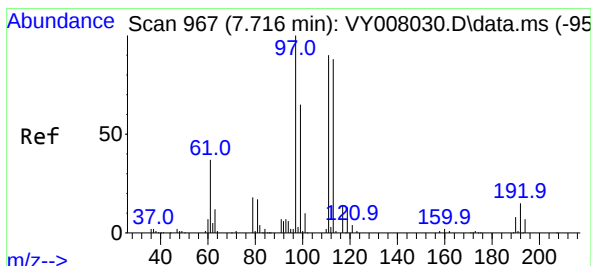
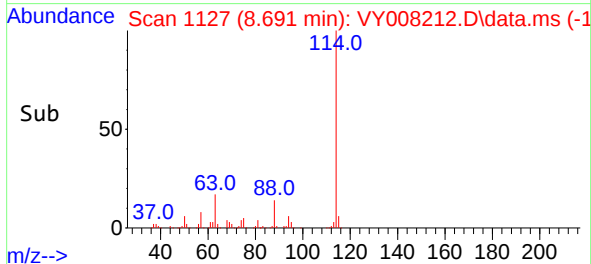
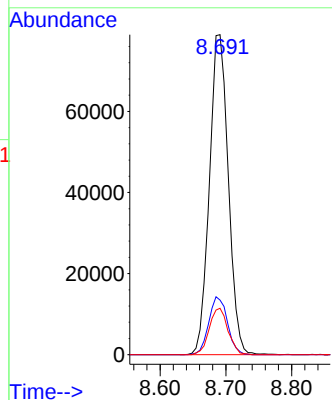
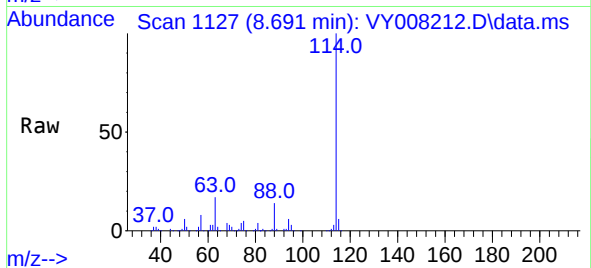
Tgt Ion:114 Resp: 158019

Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 57.544 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008212.D

Acq: 05 Apr 2022 16:14

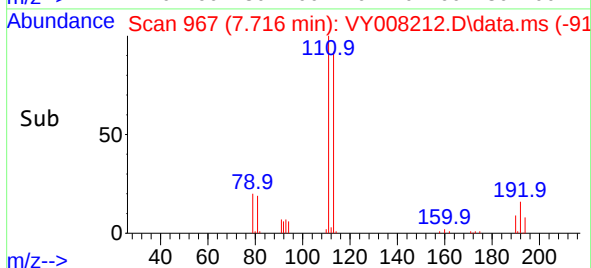
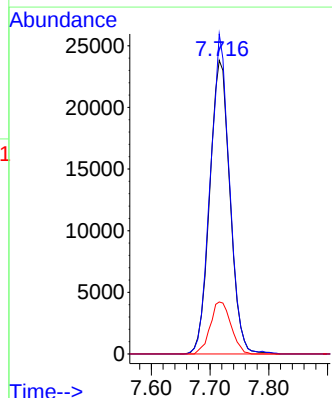
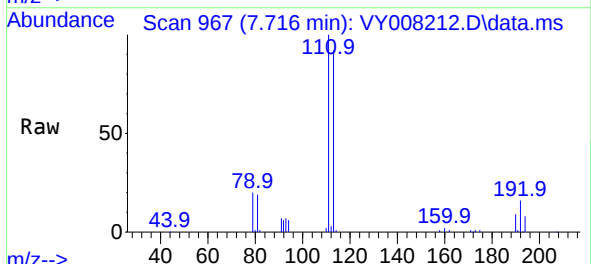
Tgt Ion:113 Resp: 57011

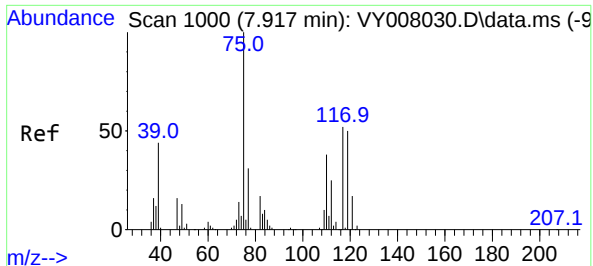
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 18.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.173 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008212.D

Acq: 05 Apr 2022 16:14

Instrument :

MSVOA_Y

ClientSampleId :

A01040RE

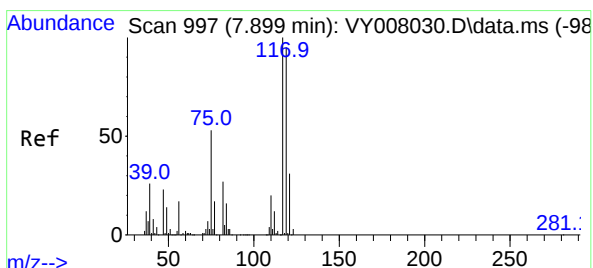
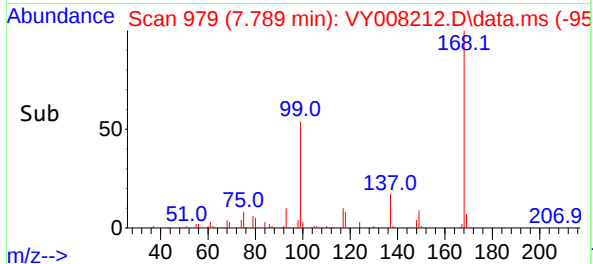
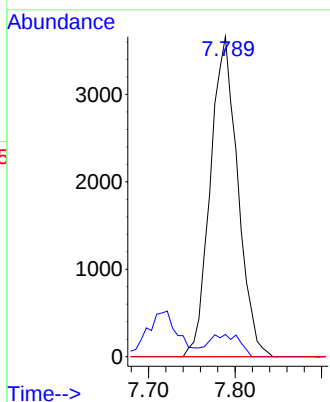
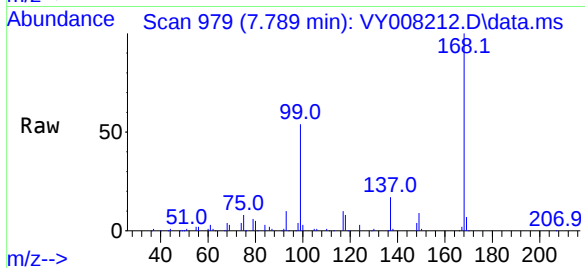
Tgt Ion: 75 Resp: 8051

Ion Ratio Lower Upper

75 100

110 7.7 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.194 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008212.D

Acq: 05 Apr 2022 16:14

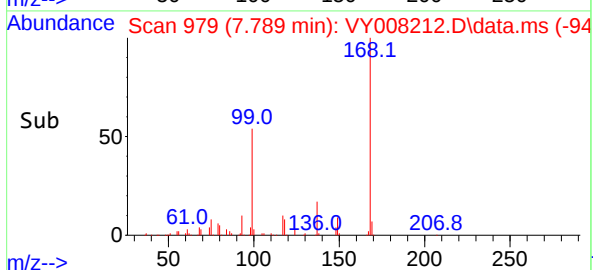
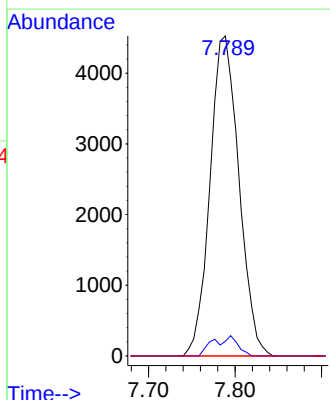
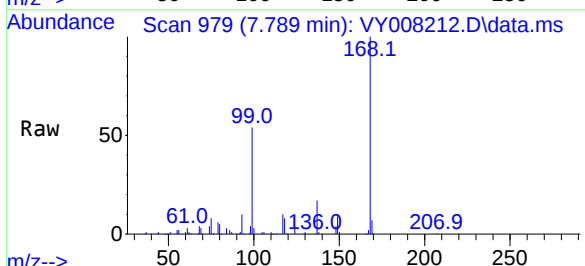
Tgt Ion: 117 Resp: 10505

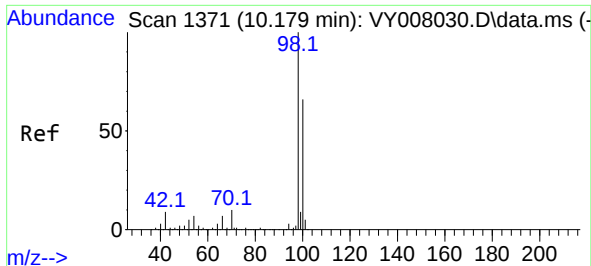
Ion Ratio Lower Upper

117 100

119 4.6 77.9 116.9#

121 0.0 24.8 37.2#

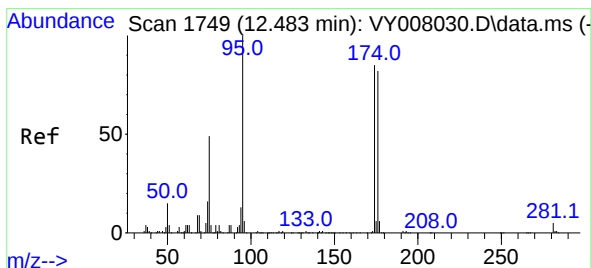
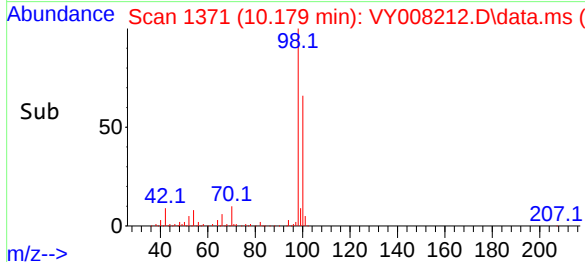
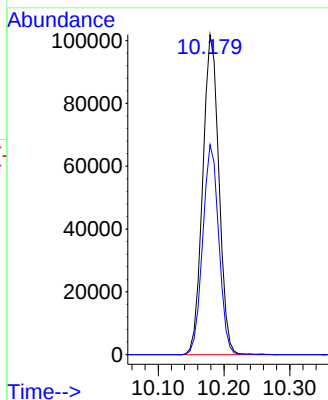
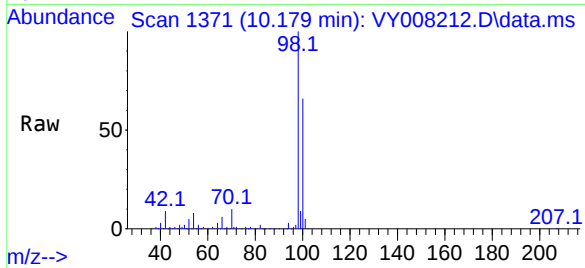




#50
Toluene-d8
Concen: 46.785 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008212.D
Acq: 05 Apr 2022 16:14

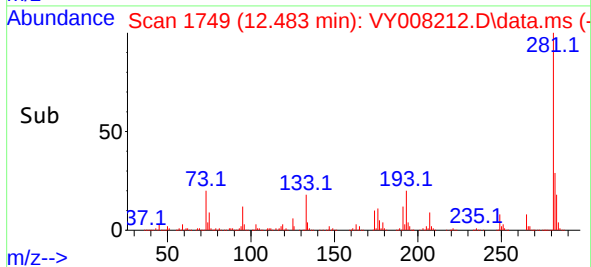
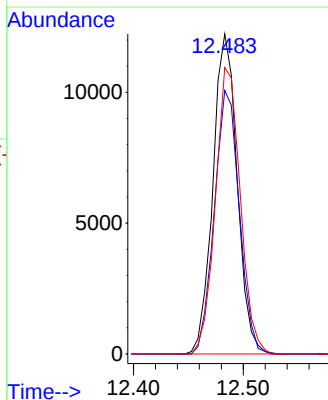
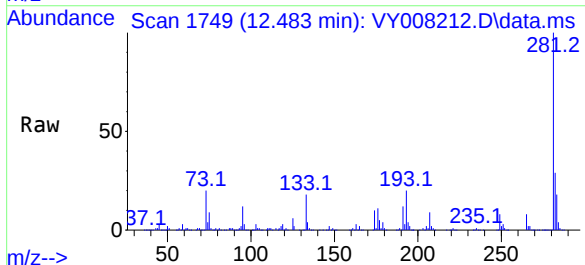
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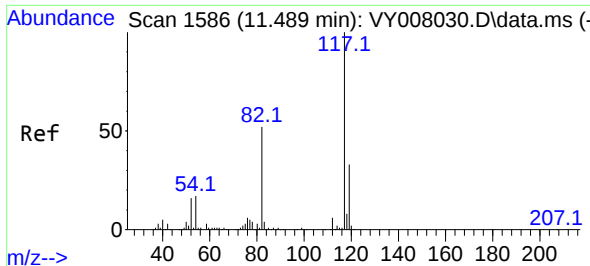
Tgt Ion: 98 Resp: 174630
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 14.265 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008212.D
Acq: 05 Apr 2022 16:14

Tgt Ion: 95 Resp: 18785
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 92.0 0.0 175.8

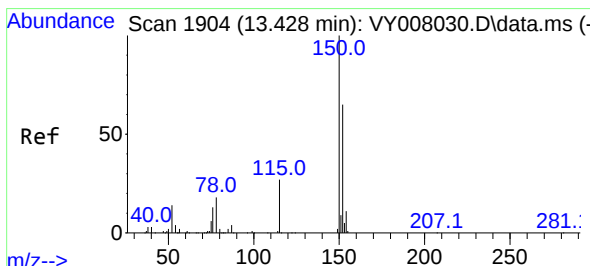
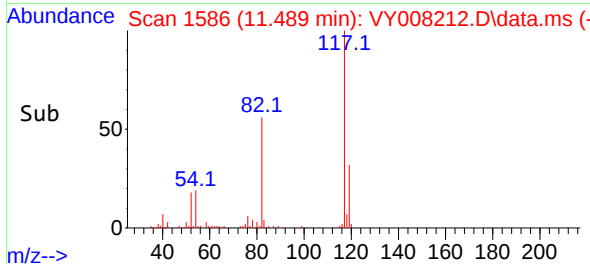
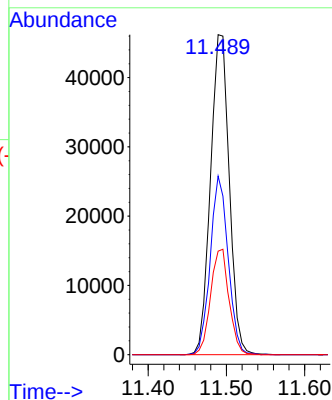
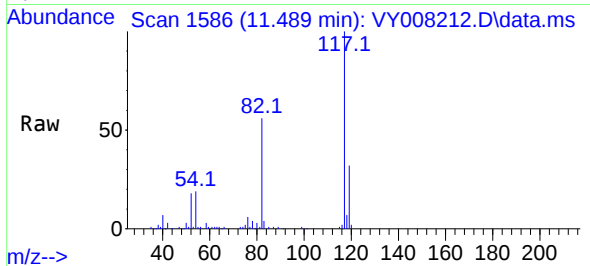




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008212.D
Acq: 05 Apr 2022 16:14

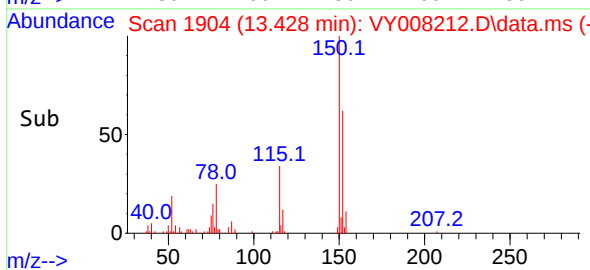
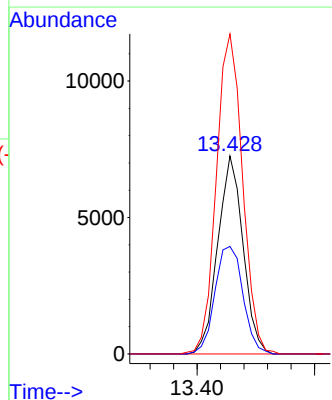
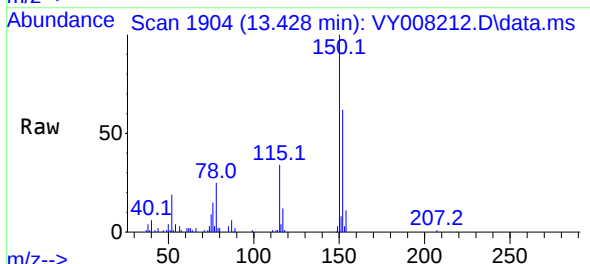
Instrument :
MSVOA_Y
ClientSampleId :
A01040RE

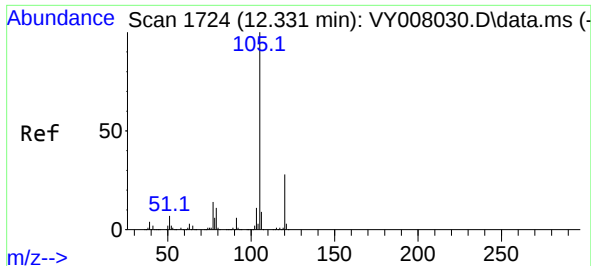
Tgt Ion:	117	Resp:	76925
Ion Ratio	Lower	Upper	
117	100		
82	55.8	43.0	64.4
119	32.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008212.D
Acq: 05 Apr 2022 16:14

Tgt Ion:	152	Resp:	10851
Ion Ratio	Lower	Upper	
152	100		
115	60.3	28.2	84.7
150	167.5	0.0	347.6

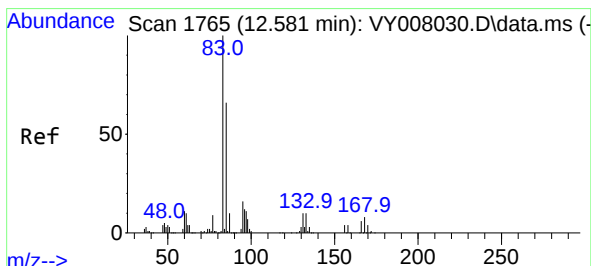
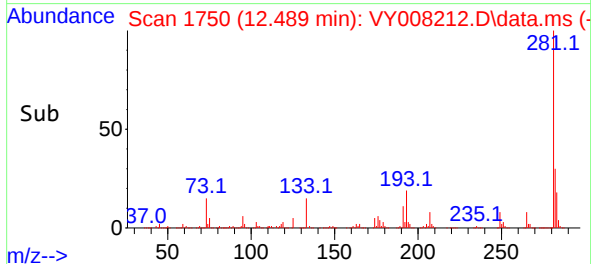
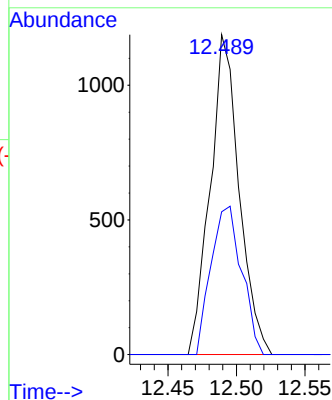
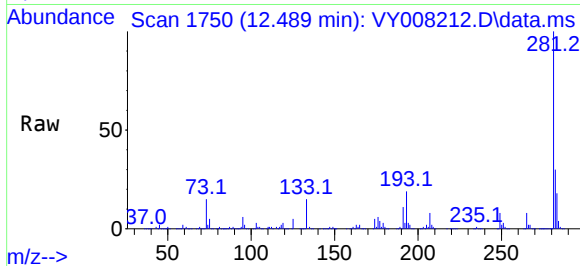




#73
Isopropylbenzene
Concen: 1.945 ug/l
RT: 12.489 min Scan# 1724
Delta R.T. 0.158 min
Lab File: VY008212.D
Acq: 05 Apr 2022 16:14

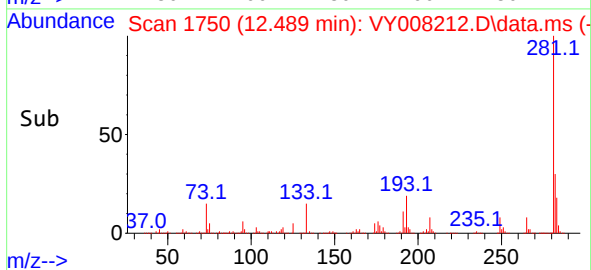
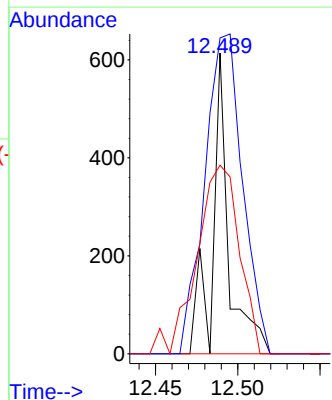
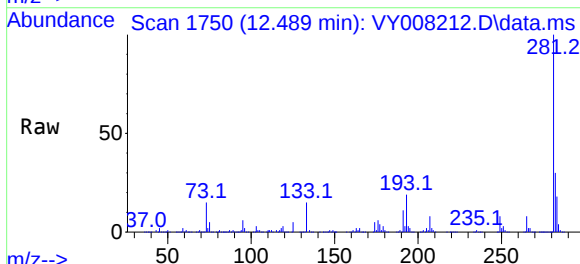
Instrument :
MSVOA_Y
ClientSampleId :
A01040RE

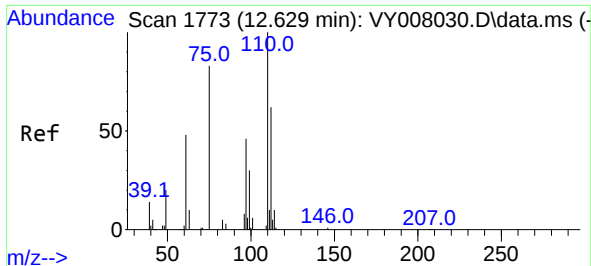
Tgt Ion:105 Resp: 1742
Ion Ratio Lower Upper
105 100
120 49.2 13.4 40.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 2.378 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.092 min
Lab File: VY008212.D
Acq: 05 Apr 2022 16:14

Tgt Ion: 83 Resp: 414
Ion Ratio Lower Upper
83 100
131 252.7 5.6 16.8#
85 167.1 32.3 96.8#

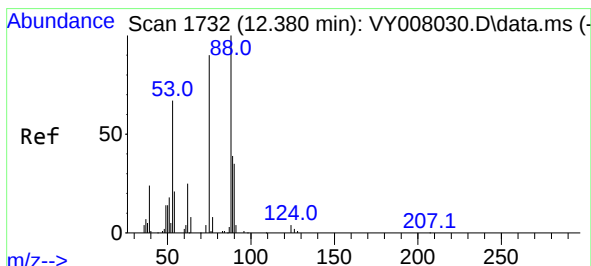
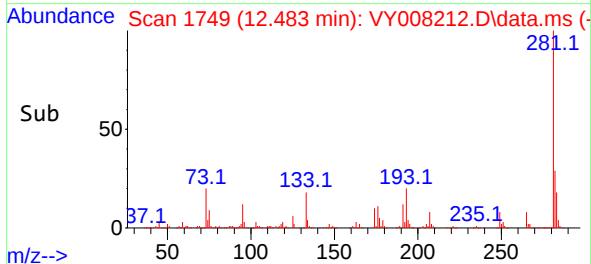
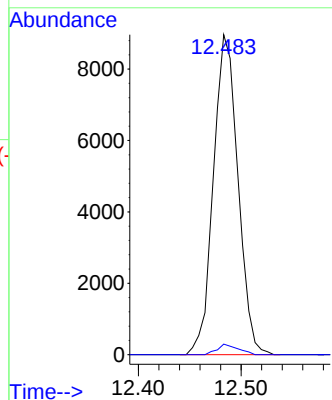
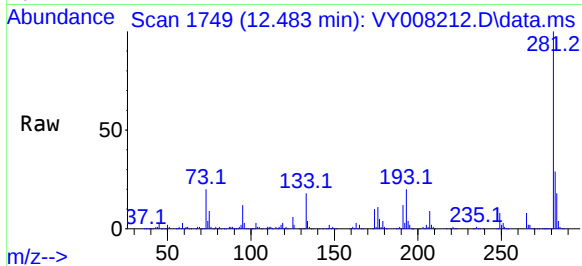




#76
1,2,3-Trichloropropane
Concen: 112.425 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008212.D
Acq: 05 Apr 2022 16:14

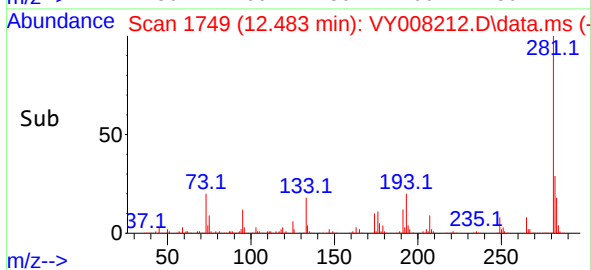
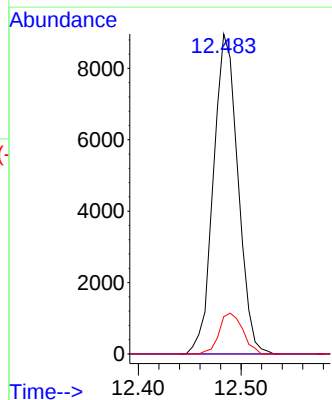
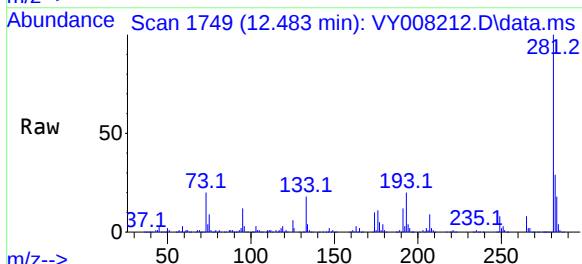
Instrument :
MSVOA_Y
ClientSampleId :
A01040RE

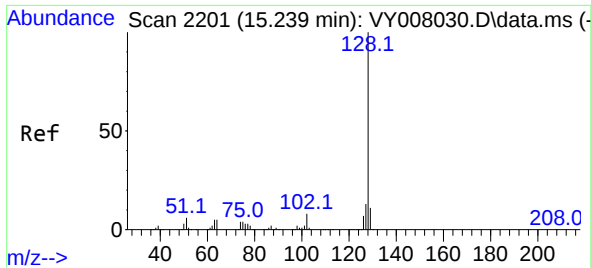
Tgt Ion: 75 Resp: 14871
Ion Ratio Lower Upper
75 100
77 2.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 250.839 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008212.D
Acq: 05 Apr 2022 16:14

Tgt Ion: 75 Resp: 14871
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 12.3 37.0 55.4#





#95

Naphthalene

Concen: 1.518 ug/l

RT: 15.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY008212.D

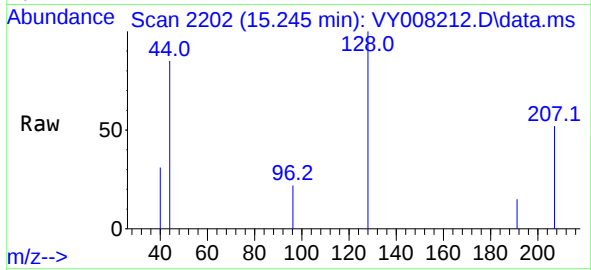
Acq: 05 Apr 2022 16:14

Instrument :

MSVOA_Y

ClientSampleId :

A01040RE



Tgt Ion:128 Resp: 721

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

