

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
 Data File : VY008140.D
 Acq On : 31 Mar 2022 15:32
 Operator : SY/MD
 Sample : N2199-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-VNJ-209

Quant Time: Apr 01 04:33:47 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)

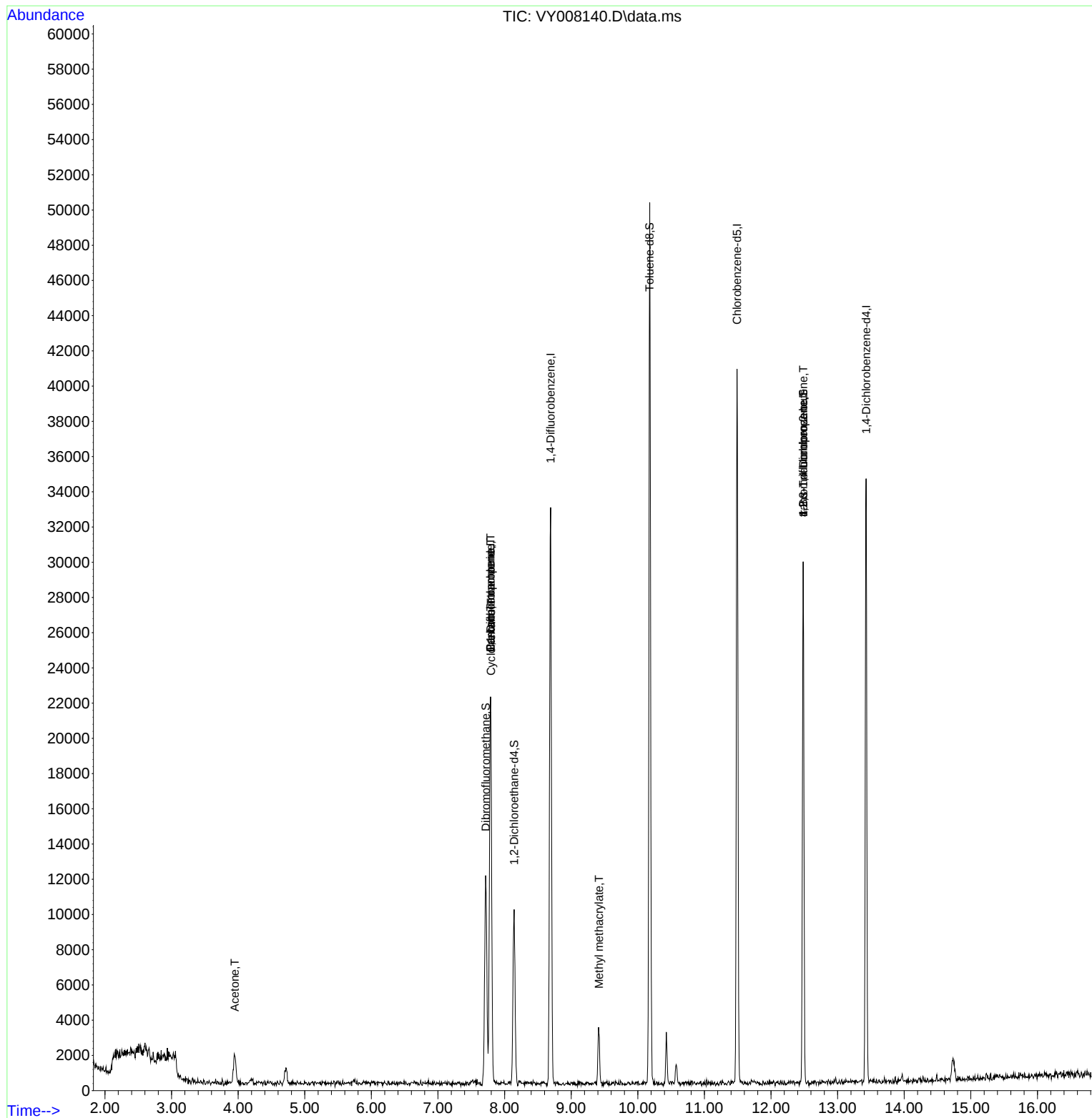
Internal Standards						
1) Pentafluorobenzene	7.789	168	17609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	29520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	23749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	7863	44.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.020%
35) Dibromofluoromethane	7.716	113	8487	45.855	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.720%
50) Toluene-d8	10.179	98	33496	48.037	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.080%
62) 4-Bromofluorobenzene	12.483	95	9591	38.986	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.980%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	3017	74.712	ug/l #	88
18) Methyl Acetate	4.509	43	20	Below Cal	#	56
20) Methylene Chloride	4.716	84	849	Below Cal	#	71
31) Cyclohexane	7.795	56	375	1.136	ug/l #	47
36) 1,1-Dichloropropene	7.789	75	1389	4.778	ug/l #	49
38) Carbon Tetrachloride	7.789	117	1891	5.968	ug/l #	11
48) Methyl methacrylate	9.417	41	343	2.905	ug/l #	36
76) 1,2,3-Trichloropropane	12.483	75	4988	45.791	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4988	102.166	ug/l #	7

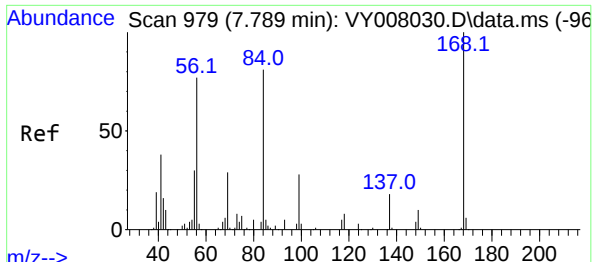
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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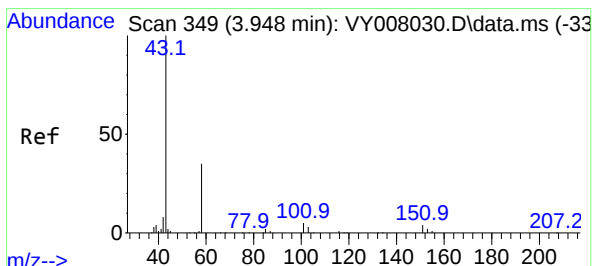
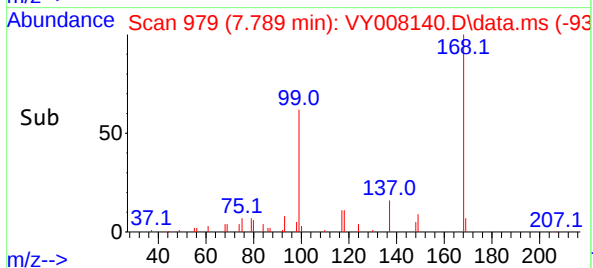
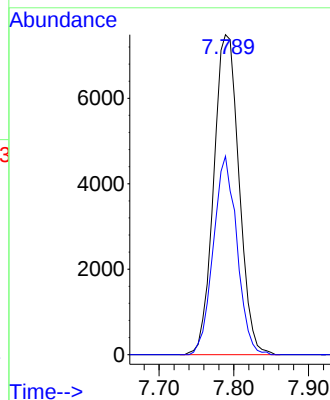
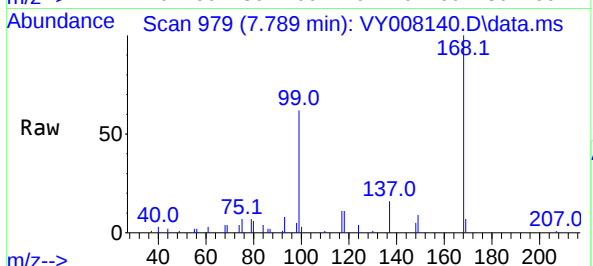




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008140.D
Acq: 31 Mar 2022 15:32

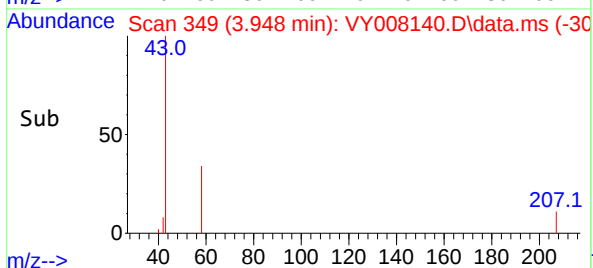
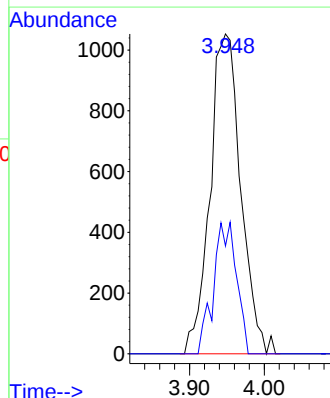
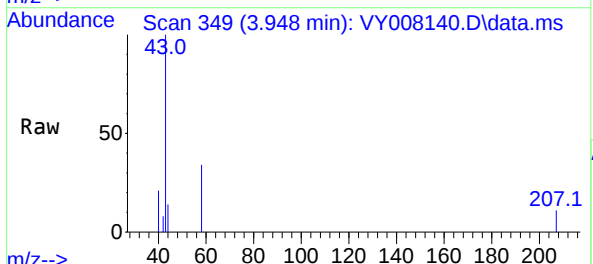
Instrument :
MSVOA_Y
ClientSampleId :
RO-VNJ-209

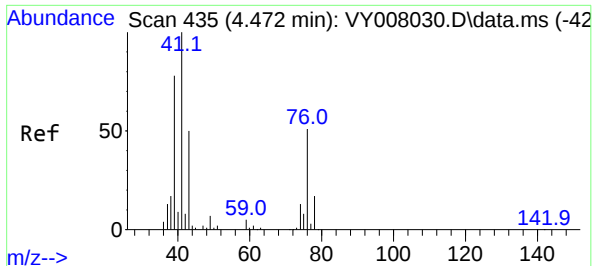
Tgt Ion:168 Resp: 17609
Ion Ratio Lower Upper
168 100
99 62.0 46.9 70.3



#16
Acetone
Concen: 74.712 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008140.D
Acq: 31 Mar 2022 15:32

Tgt Ion: 43 Resp: 3017
Ion Ratio Lower Upper
43 100
58 33.7 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.509 min Scan# 44

Delta R.T. 0.037 min

Lab File: VY008140.D

Acq: 31 Mar 2022 15:32

Instrument :

MSVOA_Y

ClientSampleId :

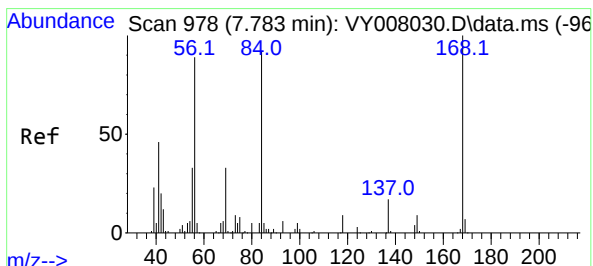
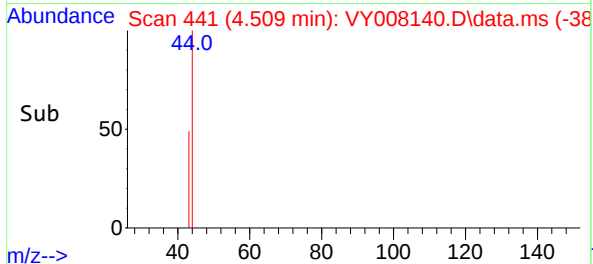
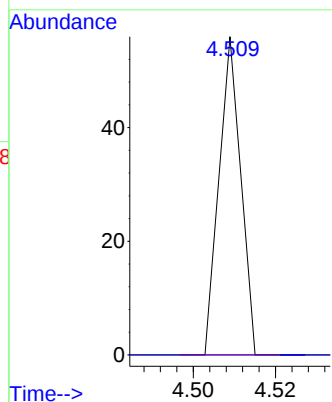
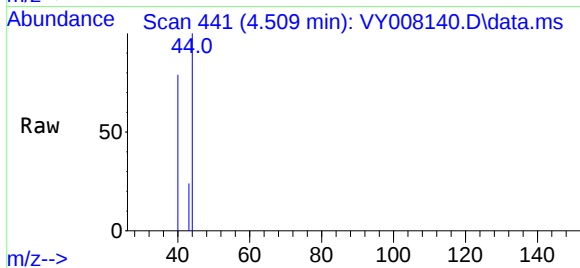
RO-VNJ-209

Tgt Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#31

Cyclohexane

Concen: 1.136 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.012 min

Lab File: VY008140.D

Acq: 31 Mar 2022 15:32

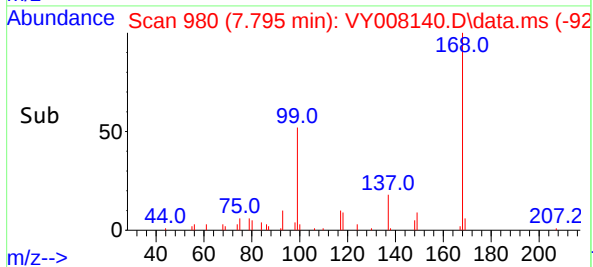
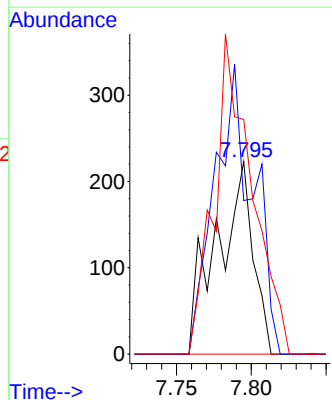
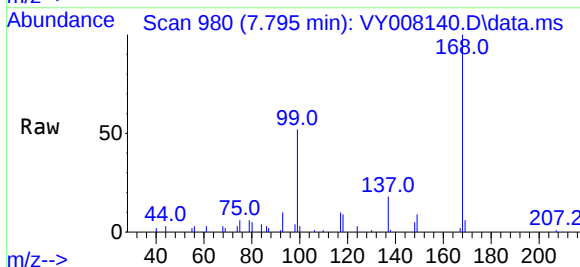
Tgt Ion: 56 Resp: 375

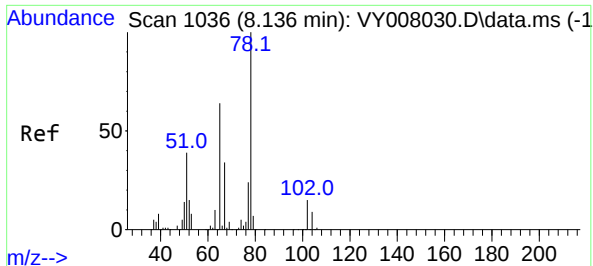
Ion Ratio Lower Upper

56 100

69 79.8 26.7 40.1#

84 122.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 44.506 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY008140.D

Acq: 31 Mar 2022 15:32

Instrument :

MSVOA_Y

ClientSampleId :

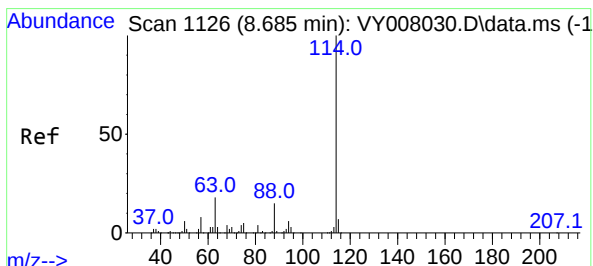
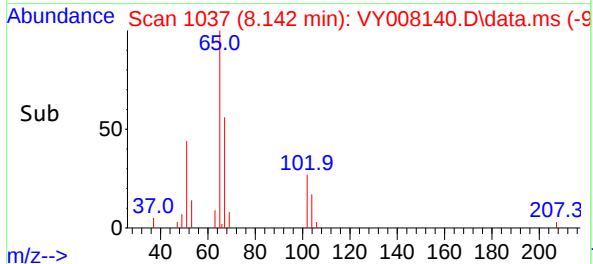
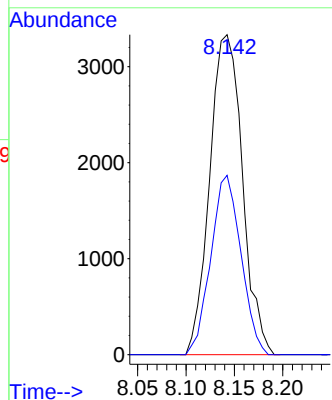
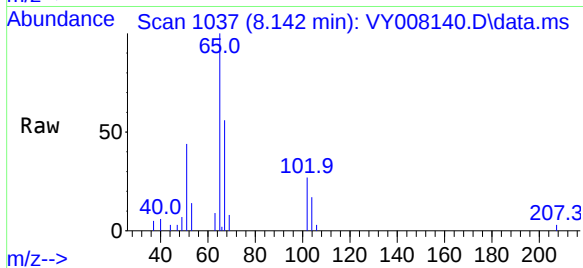
RO-VNJ-209

Tgt Ion: 65 Resp: 7863

Ion Ratio Lower Upper

65 100

67 51.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008140.D

Acq: 31 Mar 2022 15:32

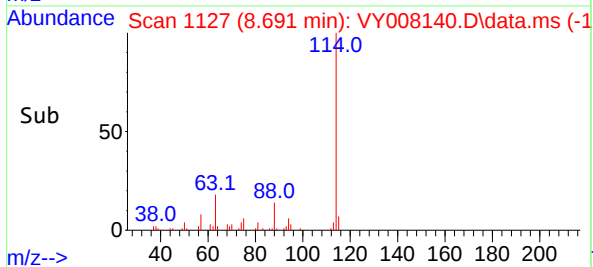
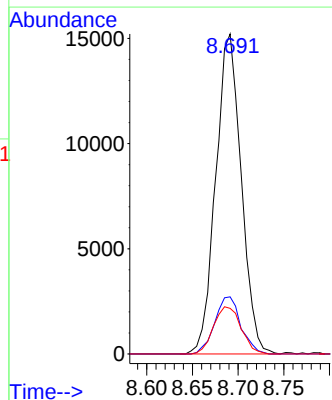
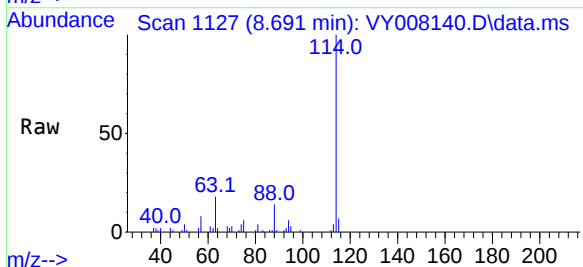
Tgt Ion: 114 Resp: 29520

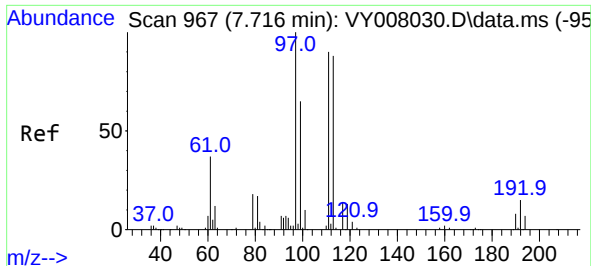
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 14.3 0.0 31.8

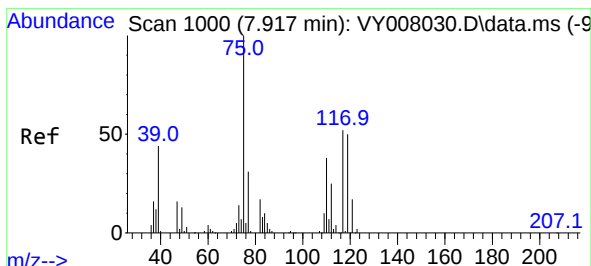
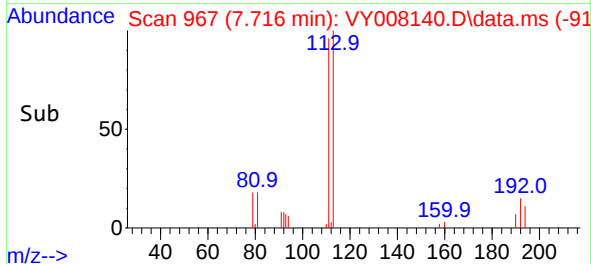
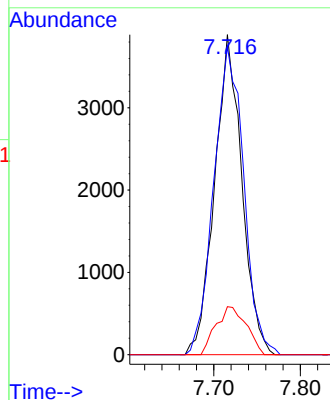
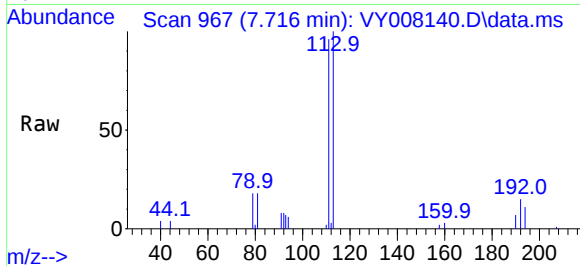




#35
Dibromofluoromethane
Concen: 45.855 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008140.D
Acq: 31 Mar 2022 15:32

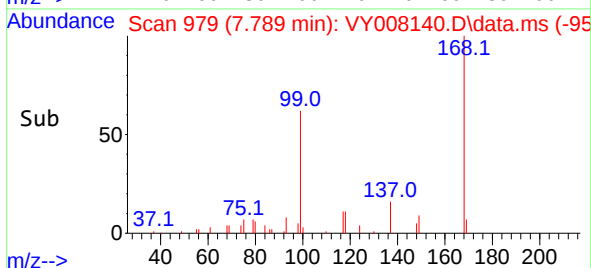
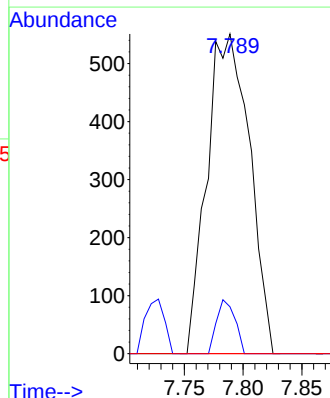
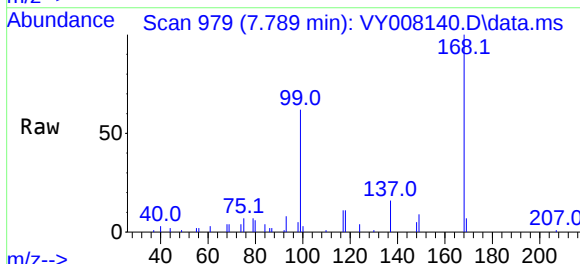
Instrument :
MSVOA_Y
ClientSampleId :
RO-VNJ-209

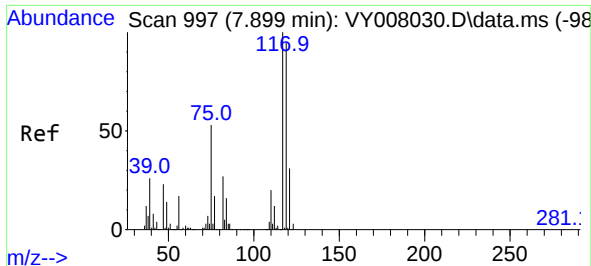
Tgt Ion:113 Resp: 8487
Ion Ratio Lower Upper
113 100
111 105.6 82.6 124.0
192 16.7 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.778 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008140.D
Acq: 31 Mar 2022 15:32

Tgt Ion: 75 Resp: 1389
Ion Ratio Lower Upper
75 100
110 7.3 17.1 51.2#
77 0.0 24.4 36.6#

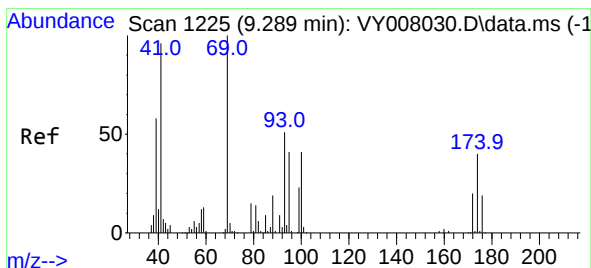
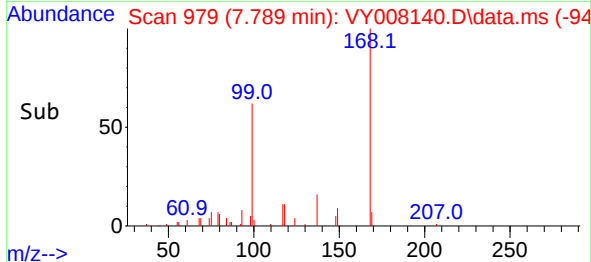
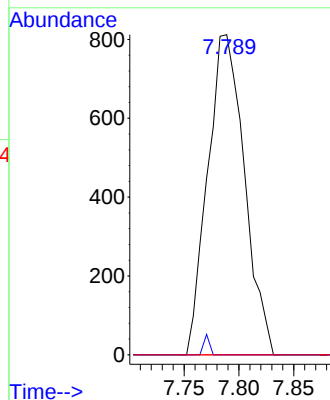
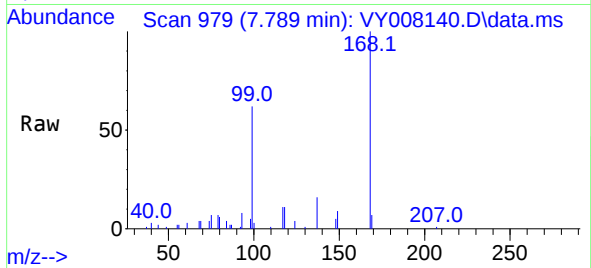




#38
Carbon Tetrachloride
Concen: 5.968 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008140.D
Acq: 31 Mar 2022 15:32

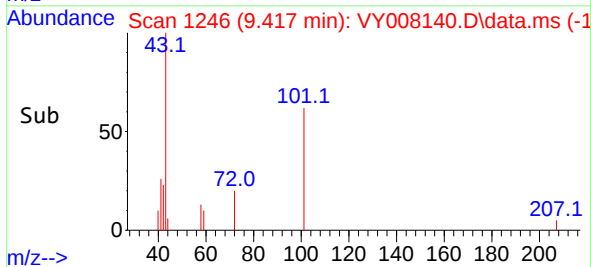
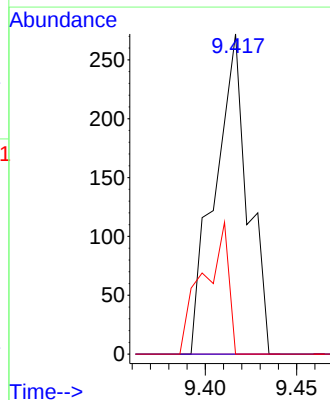
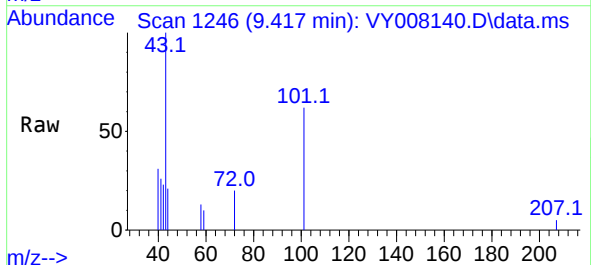
Instrument :
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ClientSampleId :
RO-VNJ-209

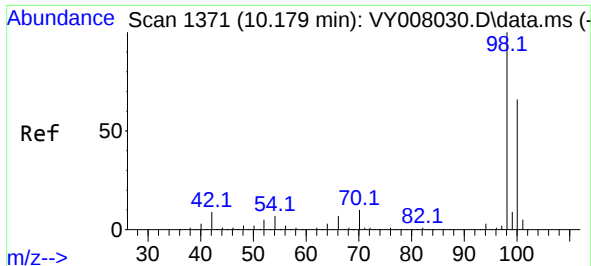
Tgt Ion:117 Resp: 1891
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#48
Methyl methacrylate
Concen: 2.905 ug/l
RT: 9.417 min Scan# 1246
Delta R.T. 0.128 min
Lab File: VY008140.D
Acq: 31 Mar 2022 15:32

Tgt Ion: 41 Resp: 343
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 31.8 47.4 71.0#

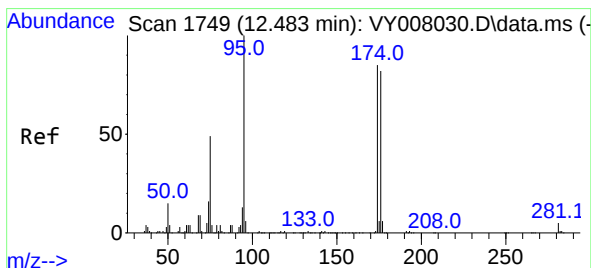
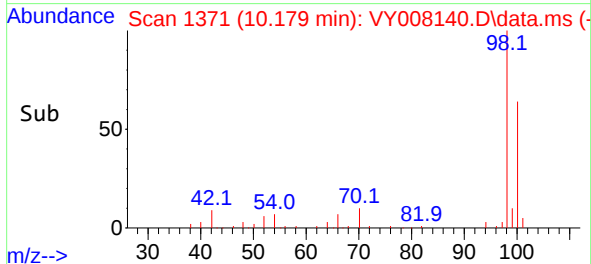
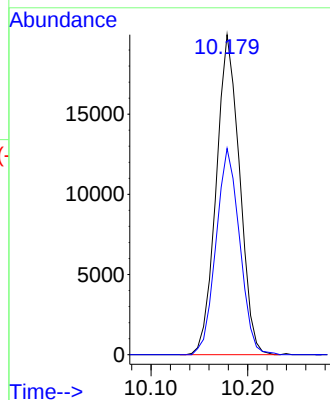
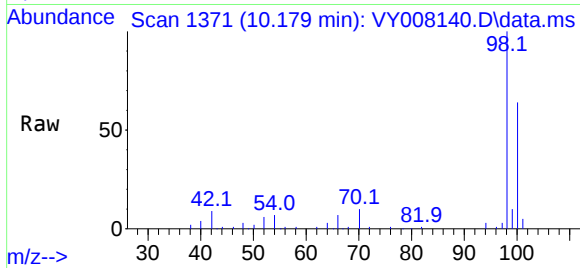




#50
Toluene-d8
Concen: 48.037 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008140.D
Acq: 31 Mar 2022 15:32

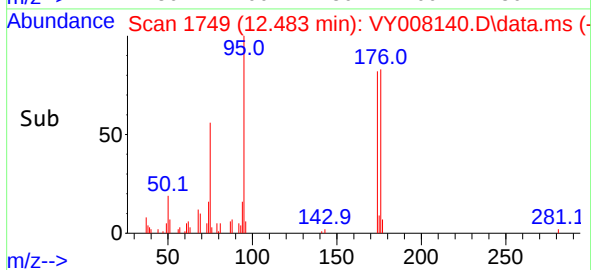
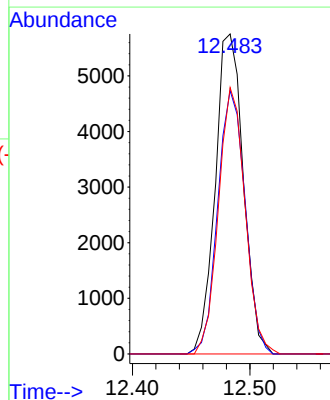
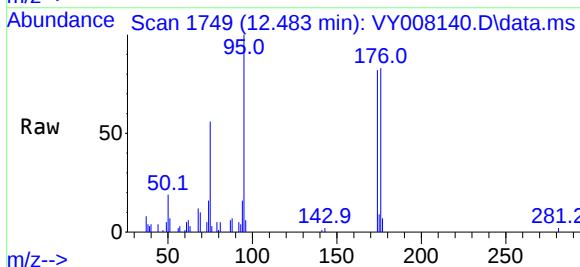
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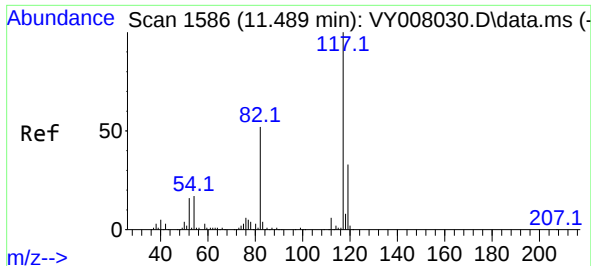
Tgt Ion: 98 Resp: 33496
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.986 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008140.D
Acq: 31 Mar 2022 15:32

Tgt Ion: 95 Resp: 9591
Ion Ratio Lower Upper
95 100
174 80.0 0.0 177.0
176 78.8 0.0 175.8

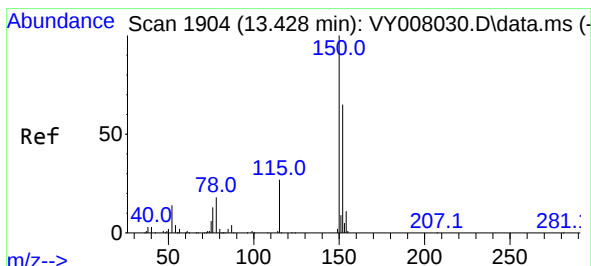
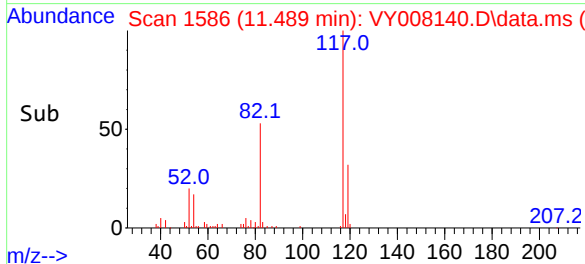
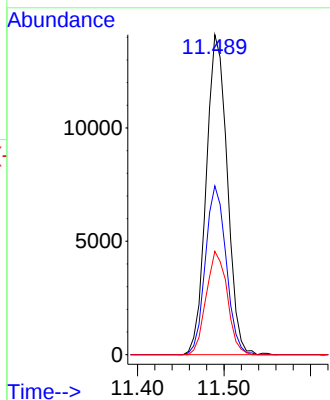
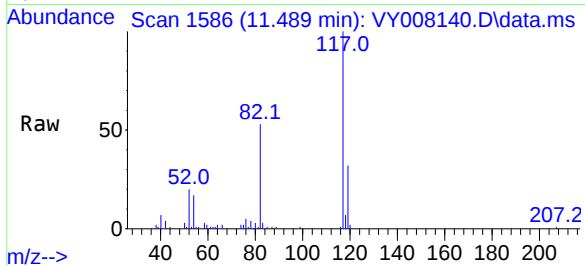




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008140.D
Acq: 31 Mar 2022 15:32

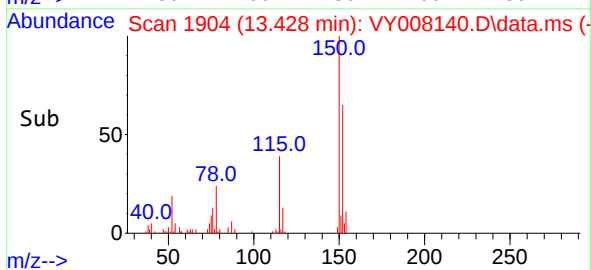
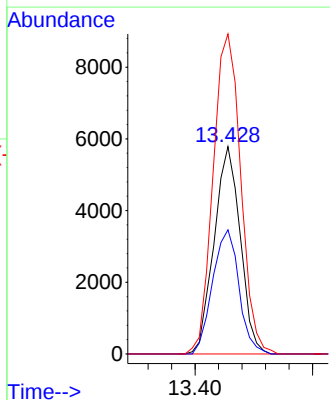
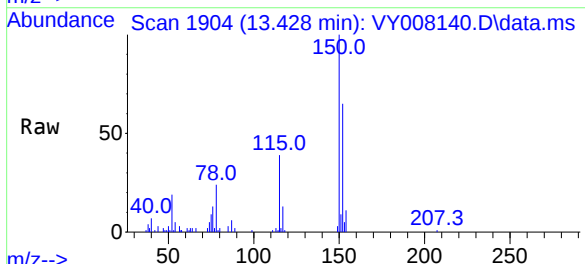
Instrument :
MSVOA_Y
ClientSampleId :
RO-VNJ-209

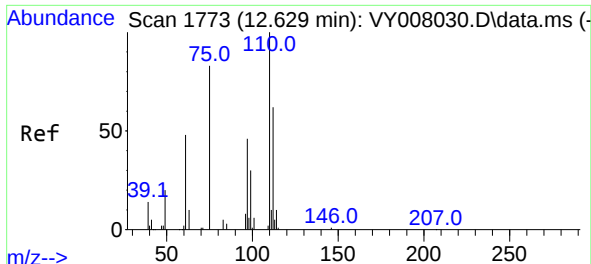
Tgt Ion:117 Resp: 23749
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008140.D
Acq: 31 Mar 2022 15:32

Tgt Ion:152 Resp: 8936
Ion Ratio Lower Upper
152 100
115 60.6 28.2 84.7
150 162.7 0.0 347.6

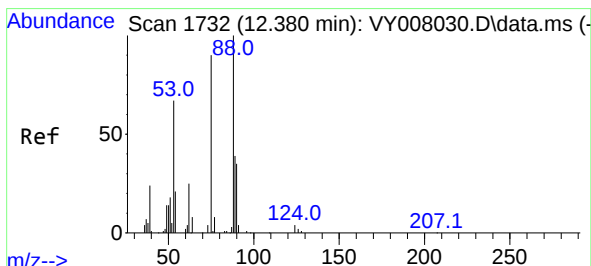
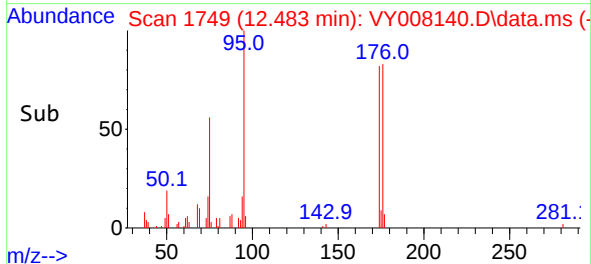
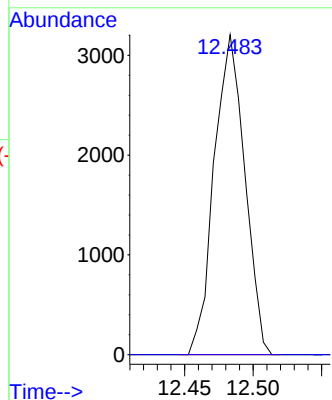
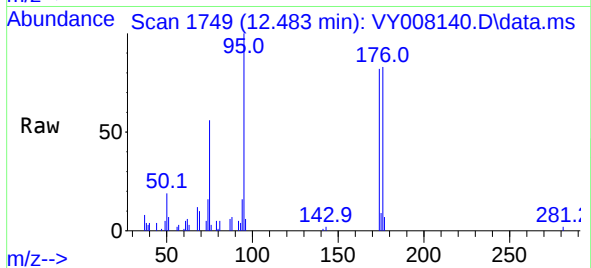




#76
1,2,3-Trichloropropane
Concen: 45.791 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008140.D
Acq: 31 Mar 2022 15:32

Instrument :
MSVOA_Y
ClientSampleId :
RO-VNJ-209

Tgt Ion: 75 Resp: 4988
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 102.166 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008140.D
Acq: 31 Mar 2022 15:32

Tgt Ion: 75 Resp: 4988
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

