

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111821\
 Data File : VY006809.D
 Acq On : 18 Nov 2021 16:10
 Operator : SY/MD
 Sample : M4736-01
 Misc : 5.98G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-202

Quant Time: Nov 19 05:34:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

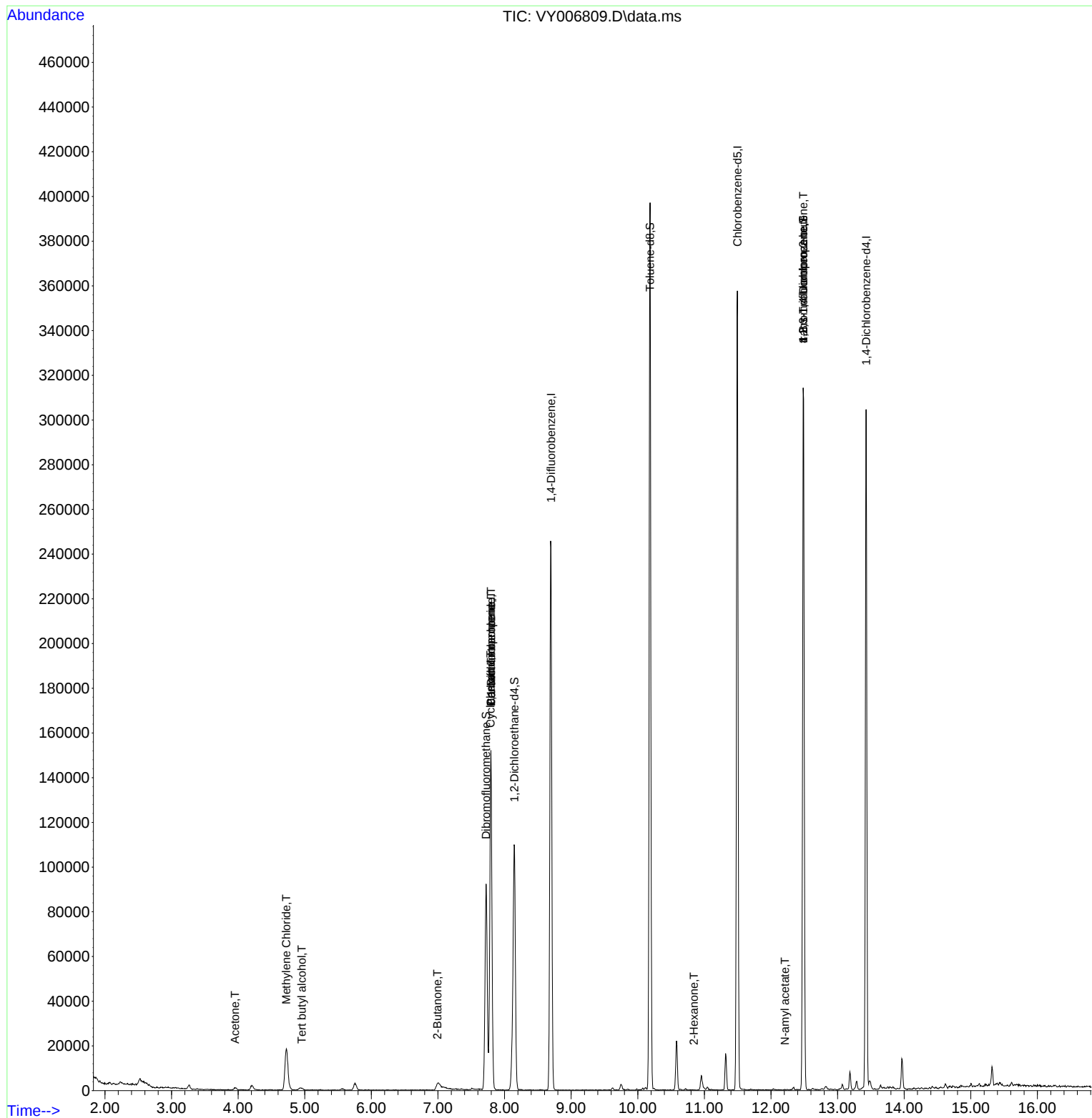
Internal Standards						
1) Pentafluorobenzene	7.795	168	111233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	191171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	177225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82553	56.627	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.260%	
35) Dibromofluoromethane	7.722	113	61196	52.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.240%	
50) Toluene-d8	10.185	98	244354	50.287	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	12.483	95	75907	46.337	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1544	7.042	ug/l #	72
16) Acetone	3.954	43	2017	4.554	ug/l #	82
20) Methylene Chloride	4.723	84	12636	6.585	ug/l	97
25) 2-Butanone	6.990	43	338	12.001	ug/l #	52
31) Cyclohexane	7.789	56	2906	1.134	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10097	4.859	ug/l #	49
38) Carbon Tetrachloride	7.795	117	11491	5.407	ug/l #	17
59) 2-Hexanone	10.843	43	72	23.881	ug/l #	28
74) N-amyl acetate	12.209	43	19	3.165	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	45158	59.592	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45158	118.080	ug/l #	7

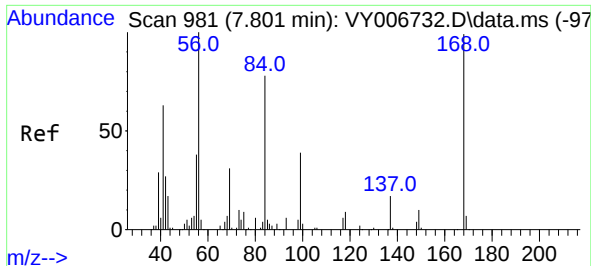
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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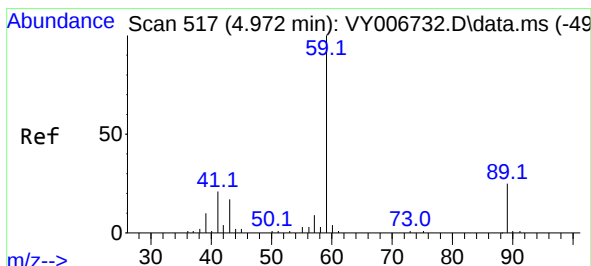
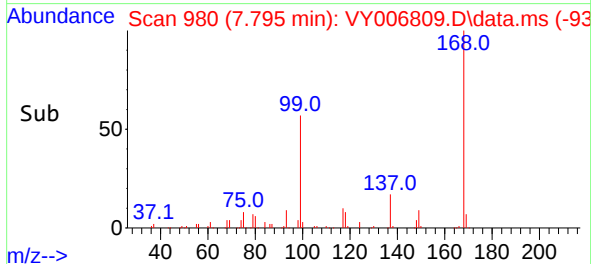
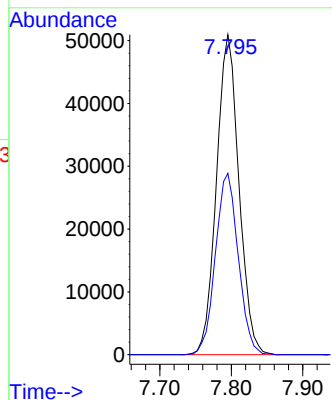
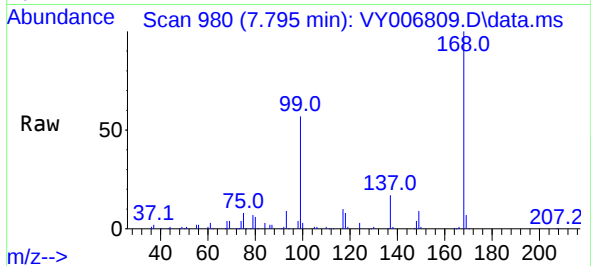




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006809.D
Acq: 18 Nov 2021 16:10

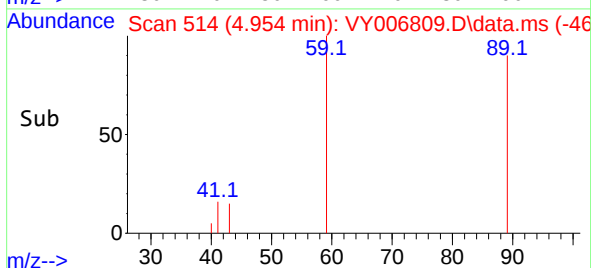
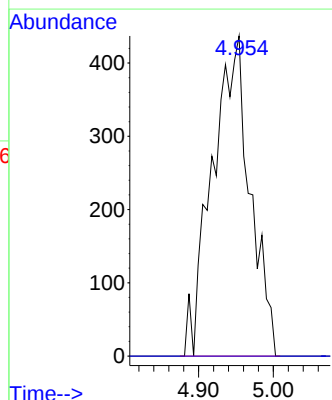
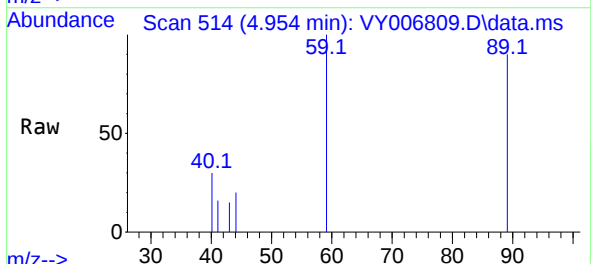
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-202

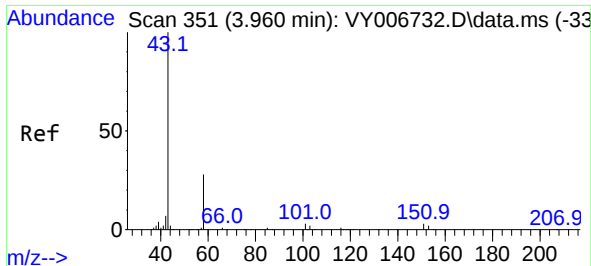
Tgt Ion:168 Resp: 111233
Ion Ratio Lower Upper
168 100
99 56.6 44.8 67.2



#11
Tert butyl alcohol
Concen: 7.042 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY006809.D
Acq: 18 Nov 2021 16:10

Tgt Ion: 59 Resp: 1544
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

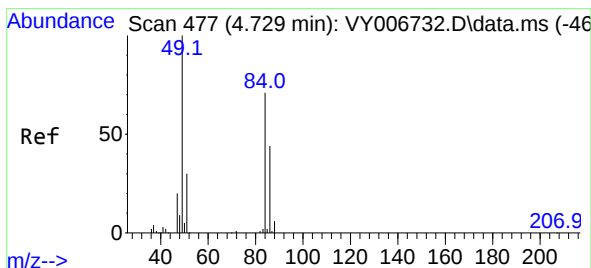
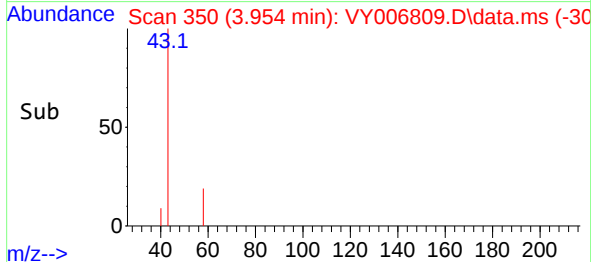
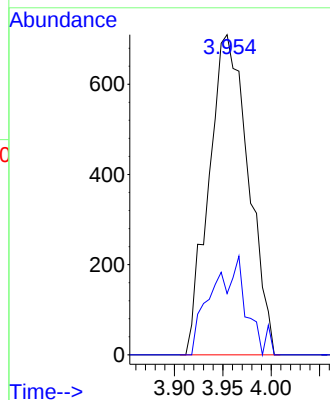
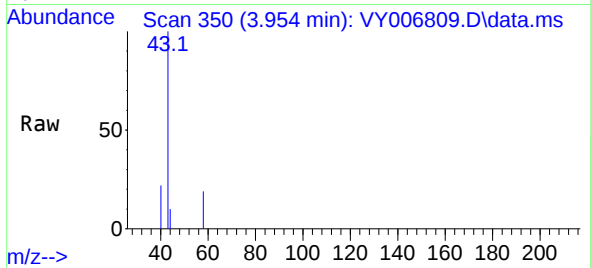




#16
Acetone
Concen: 4.554 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY006809.D
Acq: 18 Nov 2021 16:10

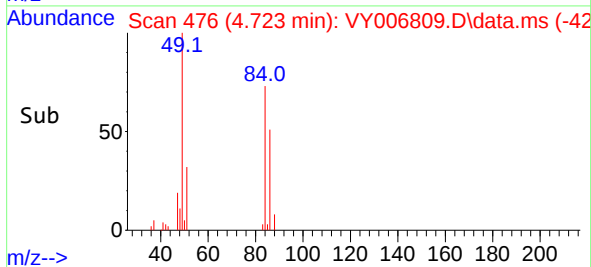
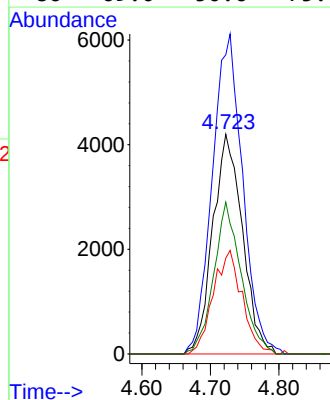
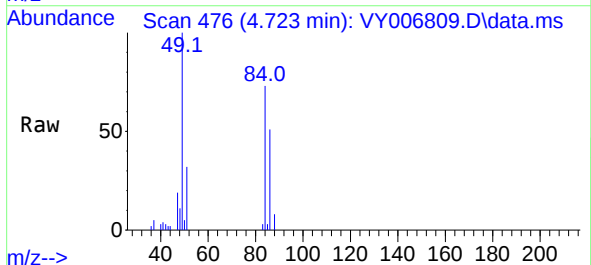
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-202

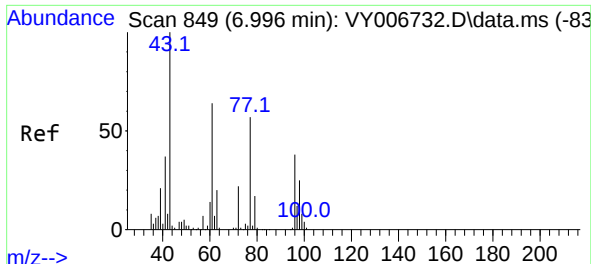
Tgt Ion: 43 Resp: 2017
Ion Ratio Lower Upper
43 100
58 19.2 22.9 34.3#



#20
Methylene Chloride
Concen: 6.585 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY006809.D
Acq: 18 Nov 2021 16:10

Tgt Ion: 84 Resp: 12636
Ion Ratio Lower Upper
84 100
49 136.1 107.8 161.8
51 43.6 32.8 49.2
86 69.0 50.6 75.8





#25

2-Butanone

Concen: 12.001 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY006809.D

Acq: 18 Nov 2021 16:10

Instrument :

MSVOA_Y

ClientSampleId :

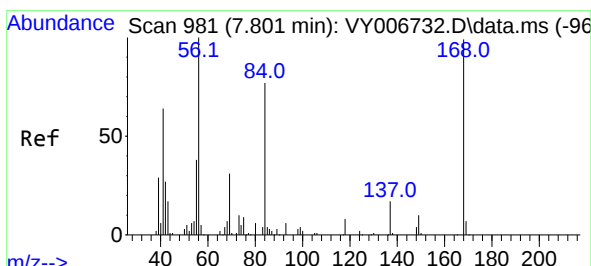
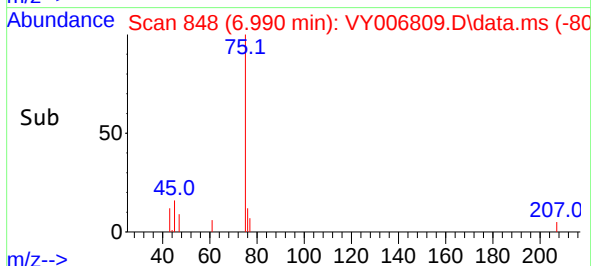
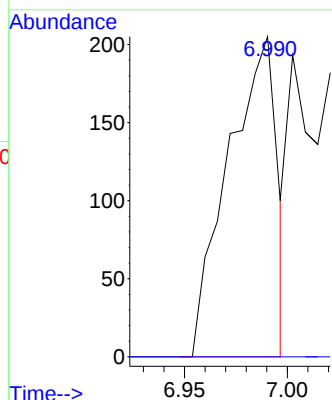
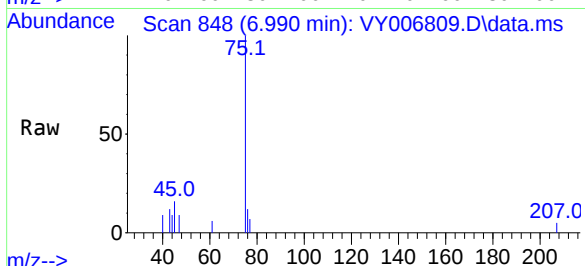
VNJ-202

Tgt Ion: 43 Resp: 338

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.134 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.012 min

Lab File: VY006809.D

Acq: 18 Nov 2021 16:10

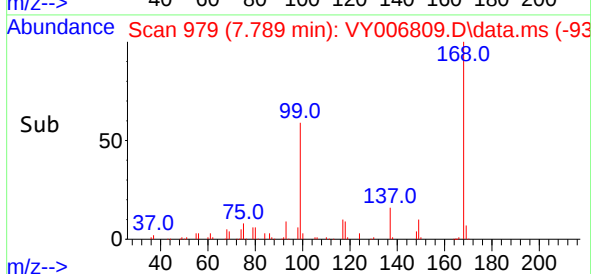
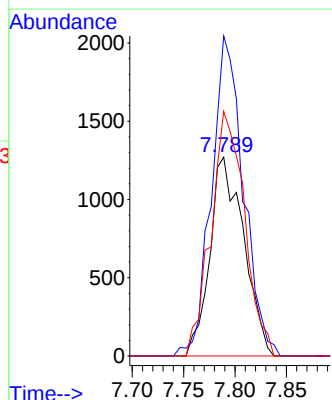
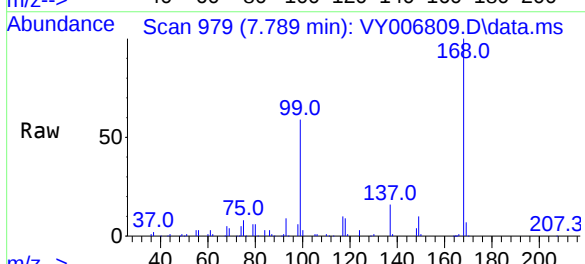
Tgt Ion: 56 Resp: 2906

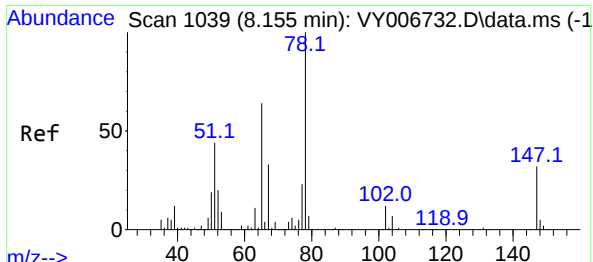
Ion Ratio Lower Upper

56 100

69 160.9 26.6 40.0#

84 122.9 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 56.627 ug/l

RT: 8.149 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY006809.D

Acq: 18 Nov 2021 16:10

Instrument :

MSVOA_Y

ClientSampleId :

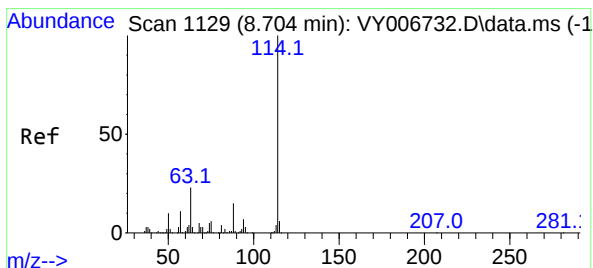
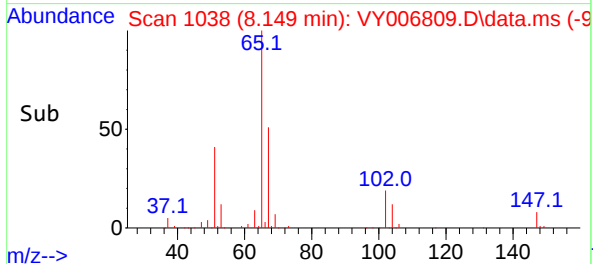
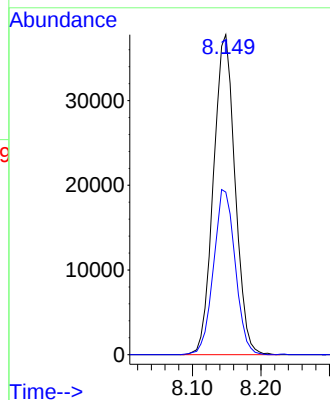
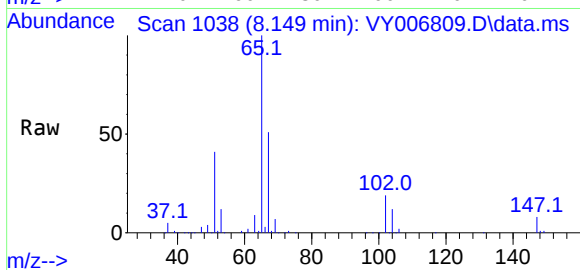
VNJ-202

Tgt Ion: 65 Resp: 82553

Ion Ratio Lower Upper

65 100

67 51.7 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006809.D

Acq: 18 Nov 2021 16:10

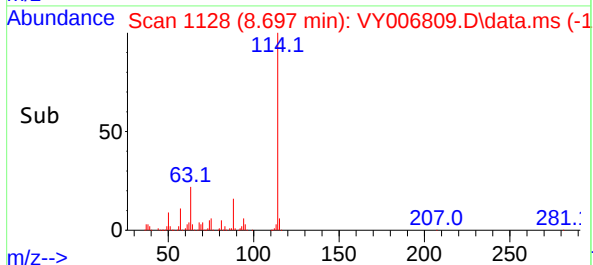
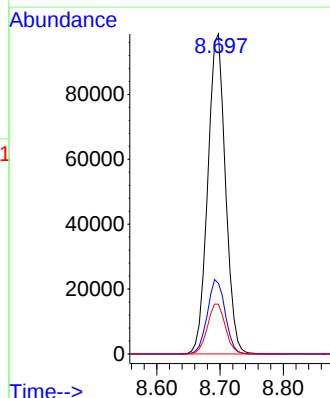
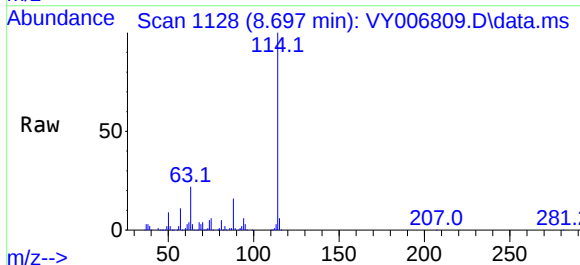
Tgt Ion: 114 Resp: 191171

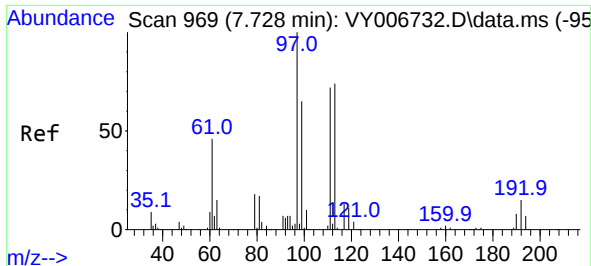
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

88 15.5 0.0 30.6

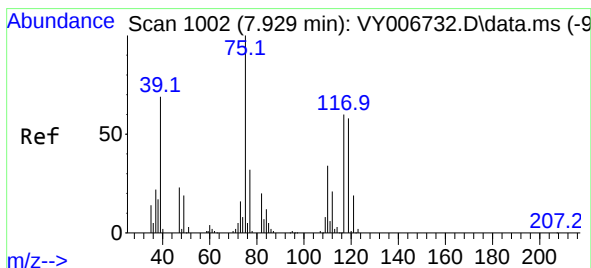
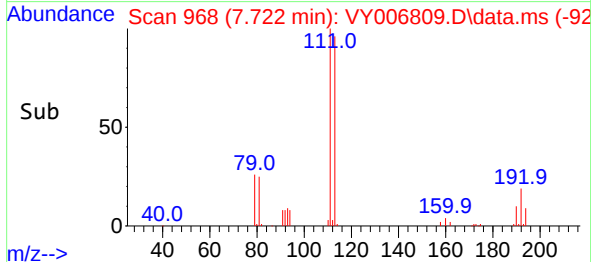
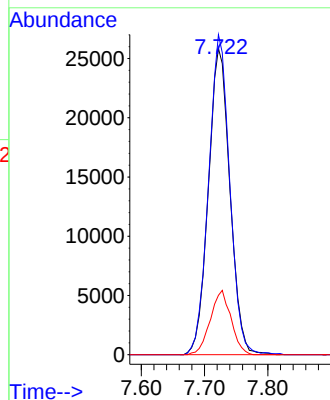
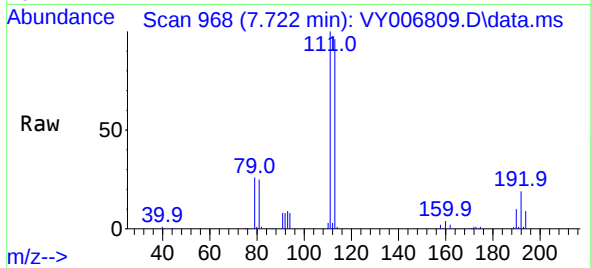




#35
Dibromofluoromethane
Concen: 52.115 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY006809.D
Acq: 18 Nov 2021 16:10

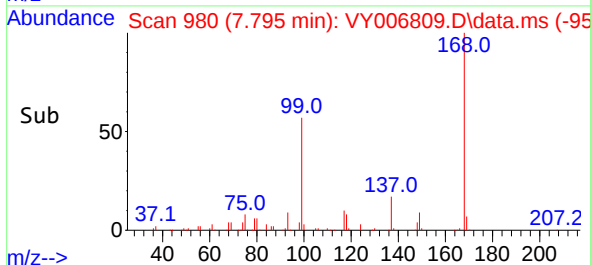
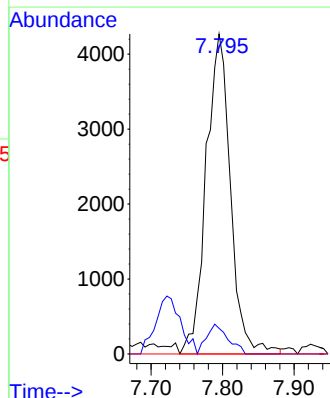
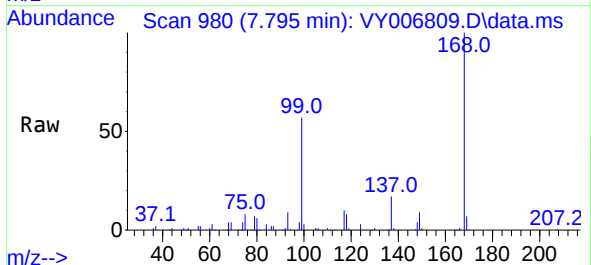
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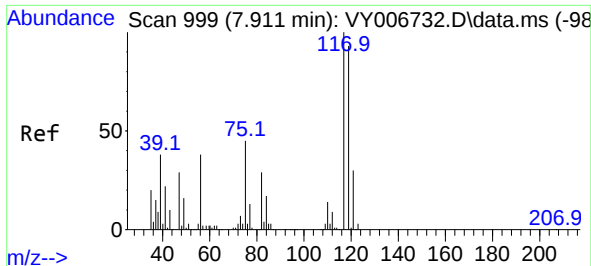
Tgt Ion:113 Resp: 61196
Ion Ratio Lower Upper
113 100
111 102.5 82.3 123.5
192 20.2 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.859 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY006809.D
Acq: 18 Nov 2021 16:10

Tgt Ion: 75 Resp: 10097
Ion Ratio Lower Upper
75 100
110 8.1 17.1 51.3#
77 0.0 24.9 37.3#

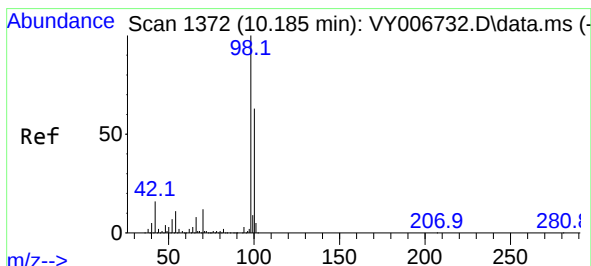
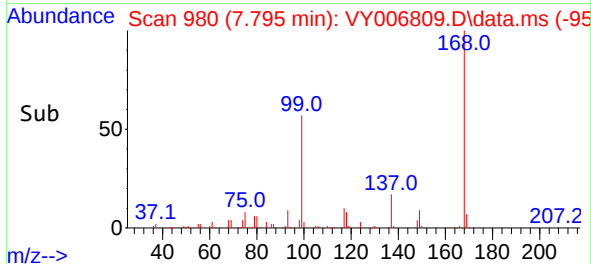
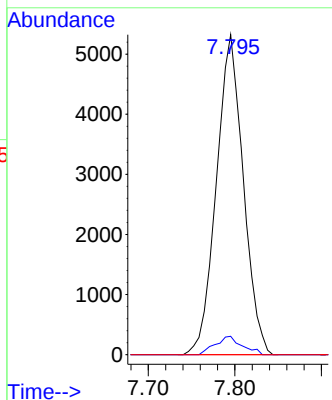
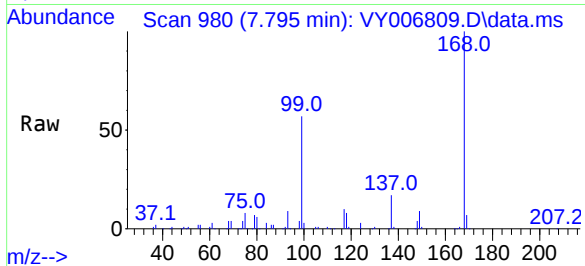




#38
Carbon Tetrachloride
Concen: 5.407 ug/l
RT: 7.795 min Scan# 911
Delta R.T. -0.116 min
Lab File: VY006809.D
Acq: 18 Nov 2021 16:10

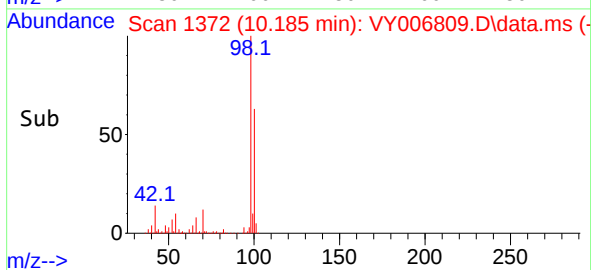
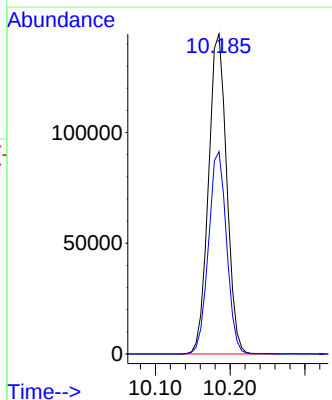
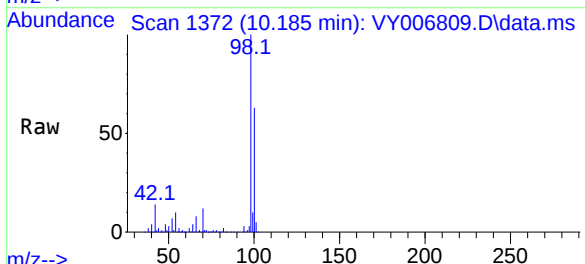
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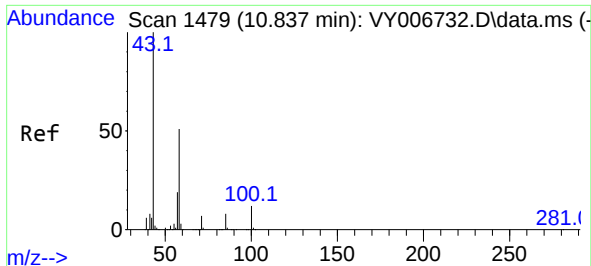
Tgt Ion:117 Resp: 11491
Ion Ratio Lower Upper
117 100
119 5.8 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.287 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006809.D
Acq: 18 Nov 2021 16:10

Tgt Ion: 98 Resp: 244354
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

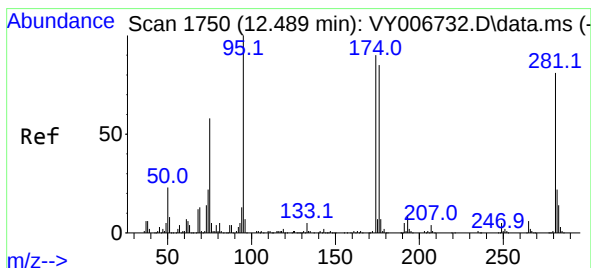
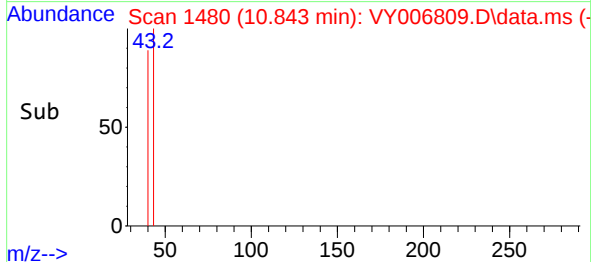
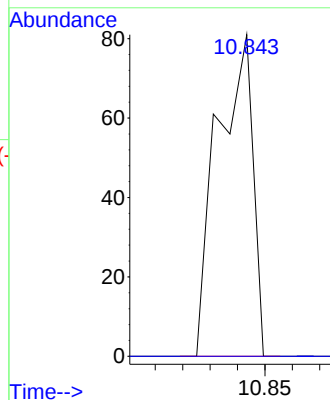
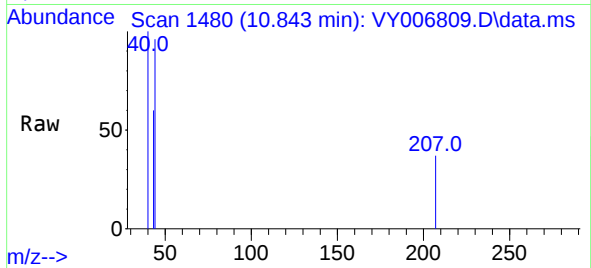




#59
2-Hexanone
Concen: 23.881 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY006809.D
Acq: 18 Nov 2021 16:10

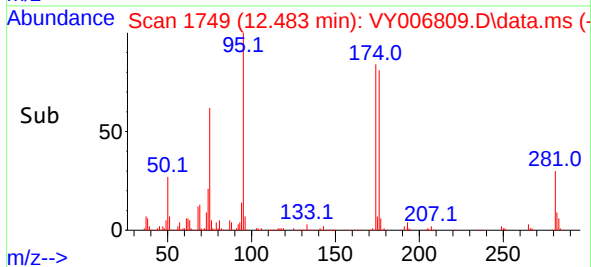
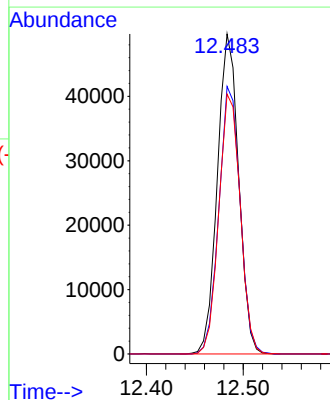
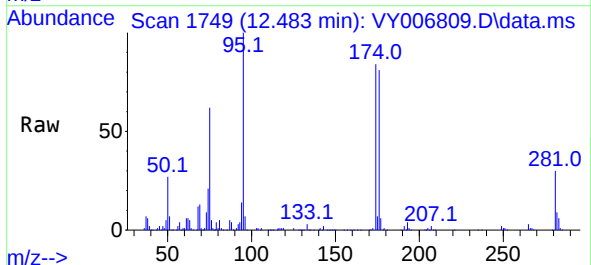
Instrument :
MSVOA_Y
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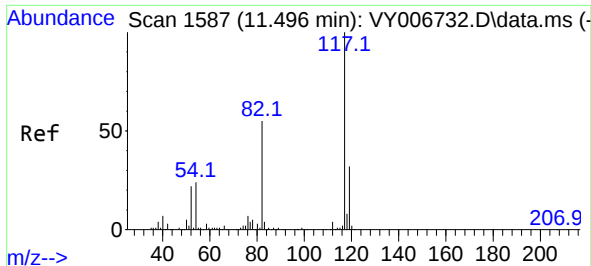
Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 46.337 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006809.D
Acq: 18 Nov 2021 16:10

Tgt Ion: 95 Resp: 75907
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 81.6 0.0 169.4

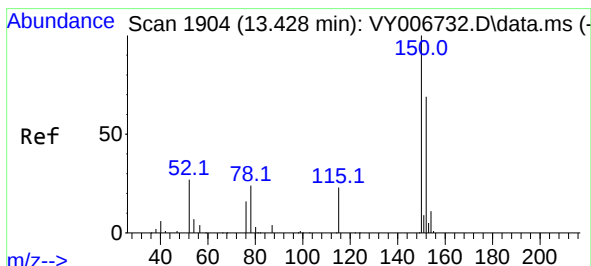
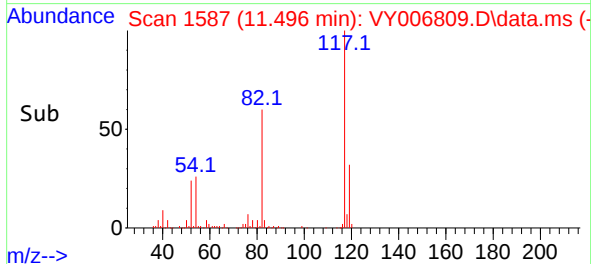
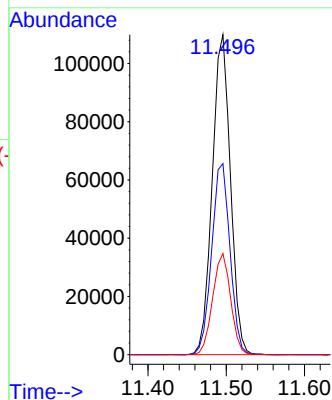
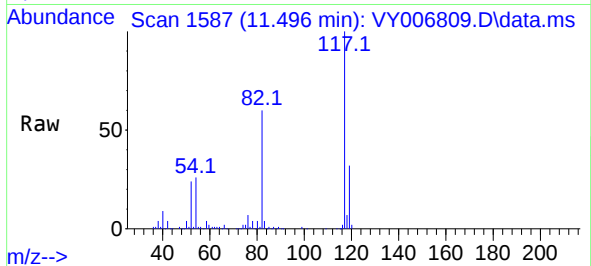




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006809.D
Acq: 18 Nov 2021 16:10

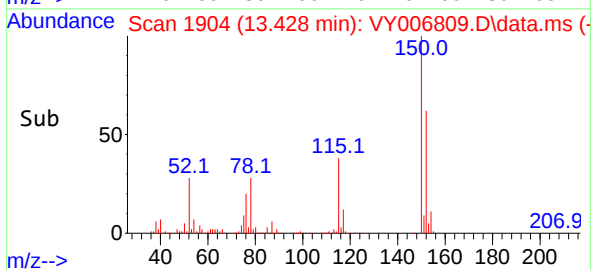
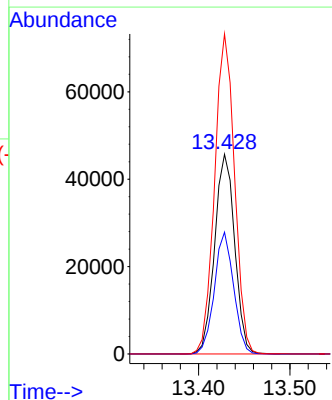
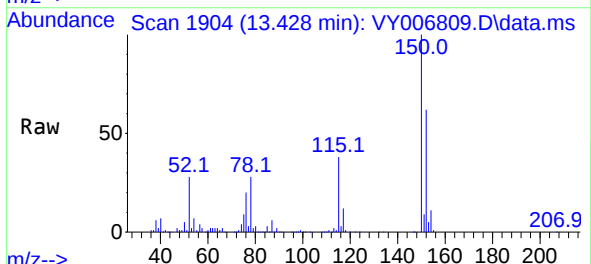
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-202

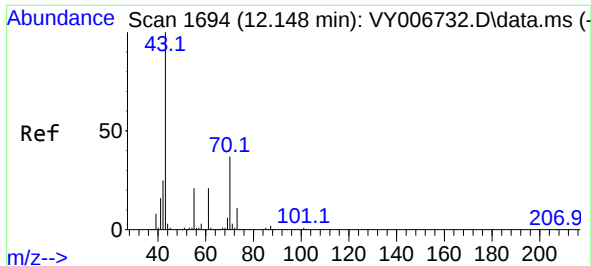
Tgt Ion:117 Resp: 177225
Ion Ratio Lower Upper
117 100
82 59.7 45.7 68.5
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006809.D
Acq: 18 Nov 2021 16:10

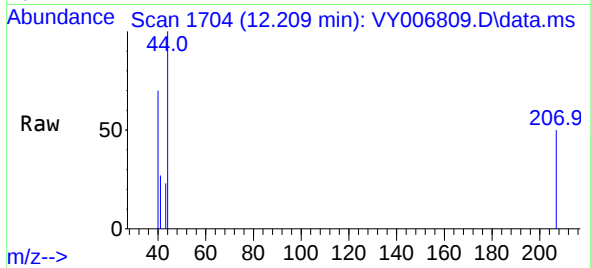
Tgt Ion:152 Resp: 69699
Ion Ratio Lower Upper
152 100
115 58.6 28.5 85.5
150 159.2 0.0 348.2



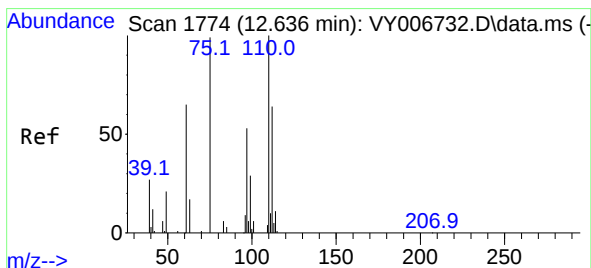
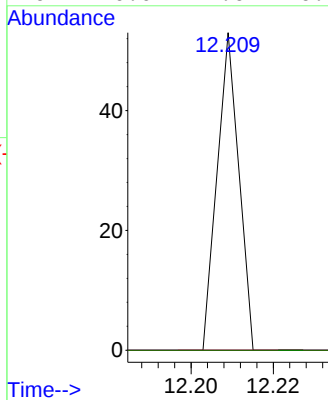
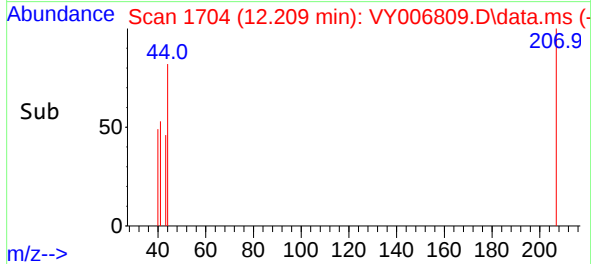


#74
N-amy1 acetate
Concen: 3.165 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.061 min
Lab File: VY006809.D
Acq: 18 Nov 2021 16:10

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-202

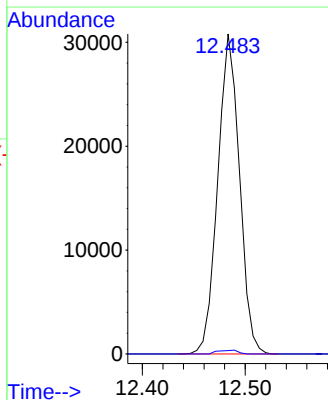
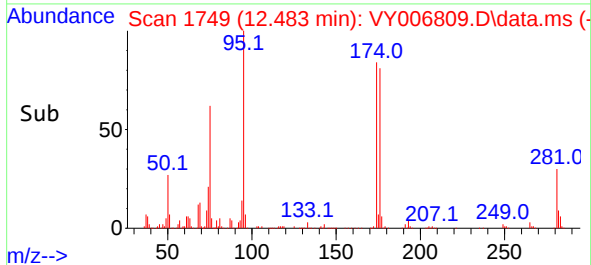
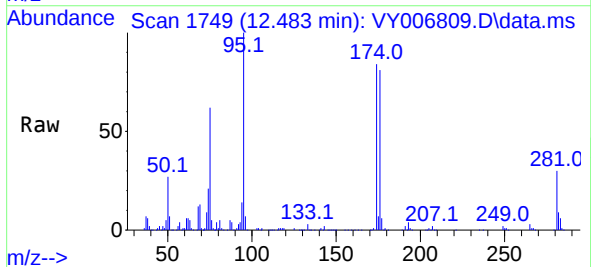


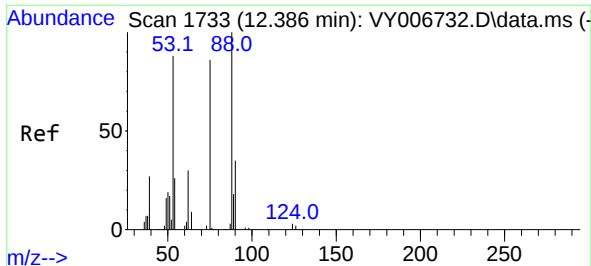
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 0.0 18.1 27.1#
61 0.0 17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 59.592 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006809.D
Acq: 18 Nov 2021 16:10

Tgt Ion: 75 Resp: 45158
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 118.080 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY006809.D
Acq: 18 Nov 2021 16:10

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-202

Tgt Ion: 75 Resp: 45158
Ion Ratio Lower Upper
75 100
53 0.1 85.8 128.6#
89 0.4 39.3 58.9#

