

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111821\
 Data File : VY006806.D
 Acq On : 18 Nov 2021 14:20
 Operator : SY/MD
 Sample : M4736-01
 Misc : 5.67G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-202

Quant Time: Nov 19 05:33:54 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

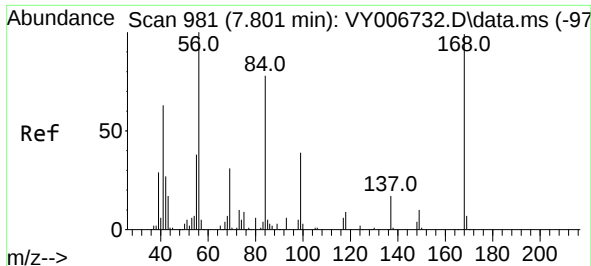
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	1331	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	1686	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	787	45.115	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.220%
35) Dibromofluoromethane	7.716	113	329	31.769	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	63.540%
50) Toluene-d8	10.185	98	2001	46.693	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.380%
62) 4-Bromofluorobenzene	12.483	95	255	17.650	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	35.300%
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	20	1.040	ug/l	# 43
4) Vinyl Chloride	2.290	62	22	1.127	ug/l	# 81
6) Chloroethane	2.814	64	236	19.759	ug/l	# 45
20) Methylene Chloride	4.722	84	24	Below Cal	#	3
36) 1,1-Dichloropropene	7.783	75	21	1.146	ug/l	# 42
38) Carbon Tetrachloride	7.777	117	47	2.507	ug/l	# 12
43) Isopropyl Acetate	8.210	43	36	1.566	ug/l	# 56
76) 1,2,3-Trichloropropane	12.477	75	159	270.823	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	159	536.628	ug/l	# 7

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

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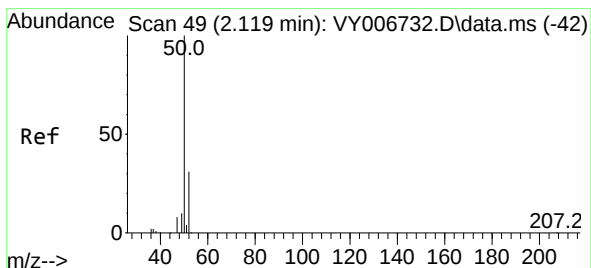
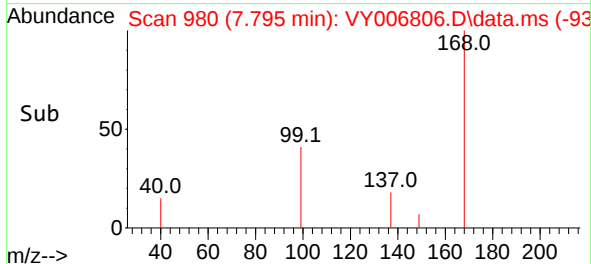
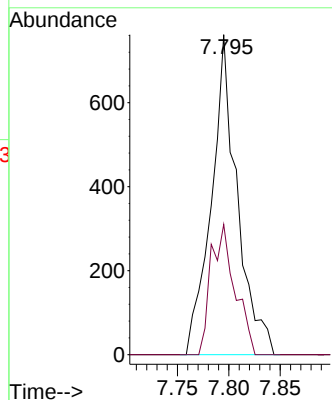
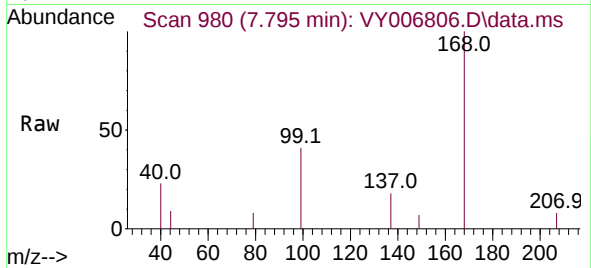




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006806.D
Acq: 18 Nov 2021 14:20

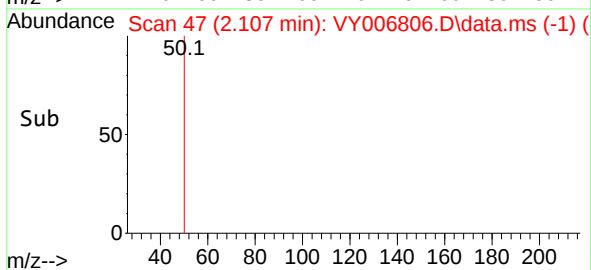
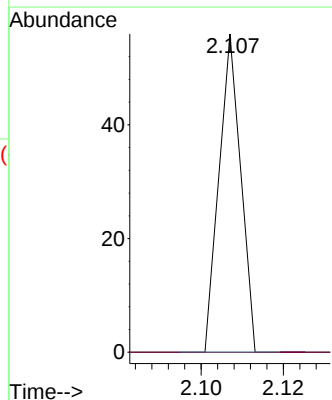
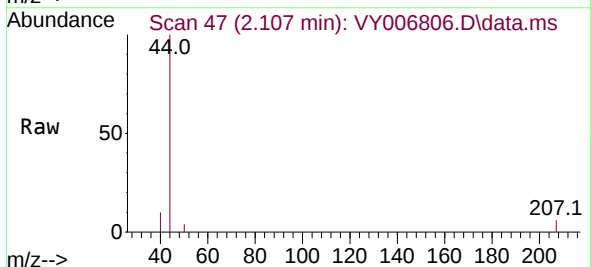
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-202

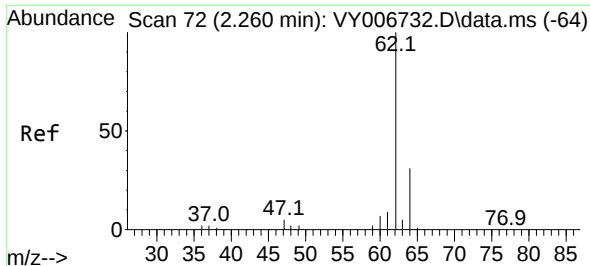
Tgt Ion:168 Resp: 1331
Ion Ratio Lower Upper
168 100
99 40.7 44.8 67.2#



#3
Chloromethane
Concen: 1.040 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.012 min
Lab File: VY006806.D
Acq: 18 Nov 2021 14:20

Tgt Ion: 50 Resp: 20
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

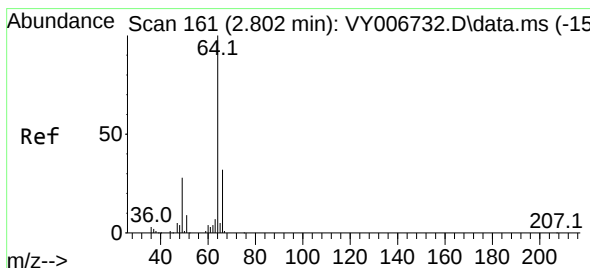
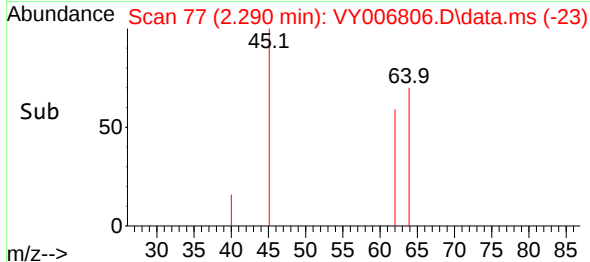
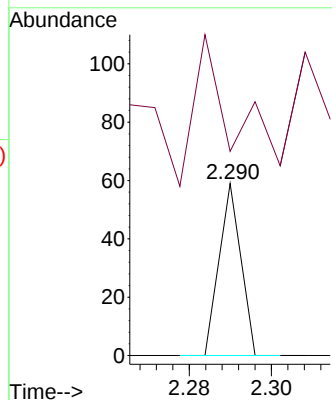
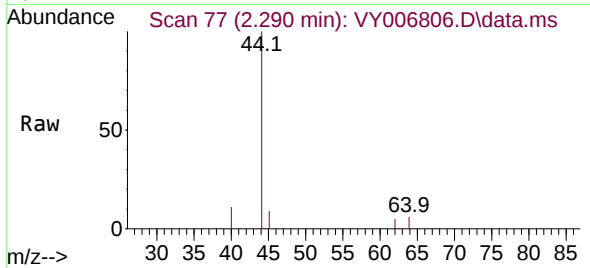




#4
 Vinyl Chloride
 Concen: 1.127 ug/l
 RT: 2.290 min Scan# 71
 Delta R.T. 0.030 min
 Lab File: VY006806.D
 Acq: 18 Nov 2021 14:20

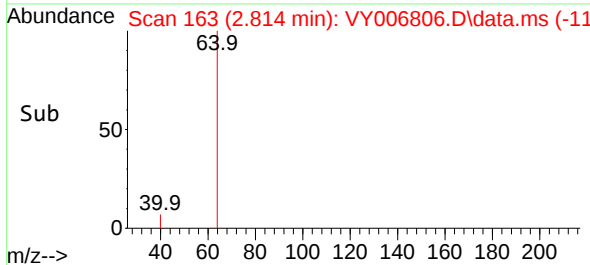
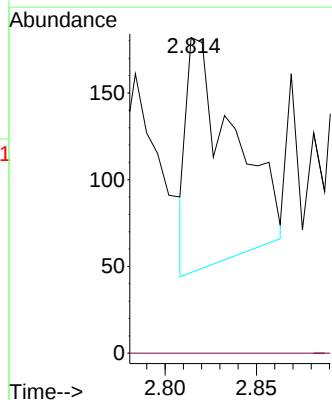
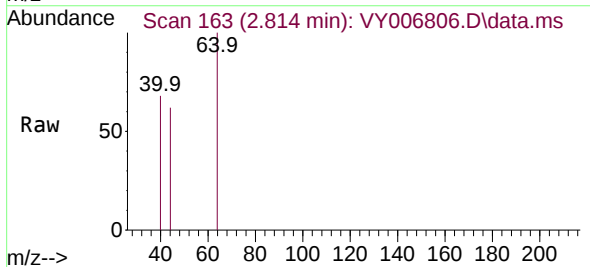
Instrument :
 MSVOA_Y
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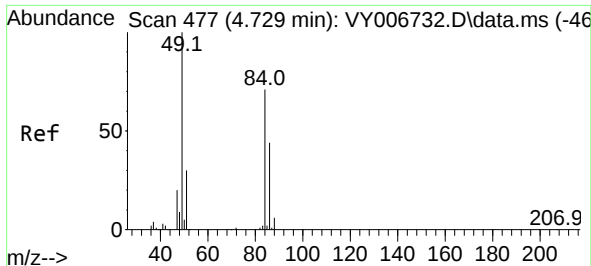
Tgt Ion: 62 Resp: 22
 Ion Ratio Lower Upper
 62 100
 64 20.3 24.7 37.1#



#6
 Chloroethane
 Concen: 19.759 ug/l
 RT: 2.814 min Scan# 163
 Delta R.T. 0.012 min
 Lab File: VY006806.D
 Acq: 18 Nov 2021 14:20

Tgt Ion: 64 Resp: 236
 Ion Ratio Lower Upper
 64 100
 66 0.0 23.8 35.6#

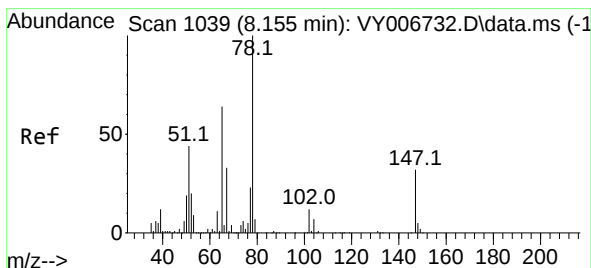
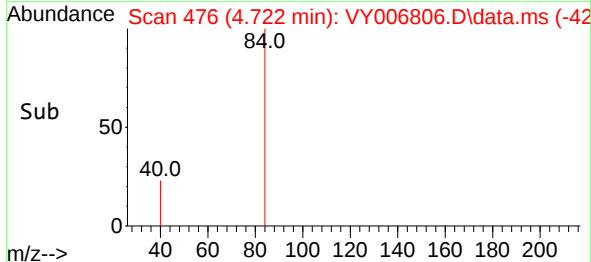
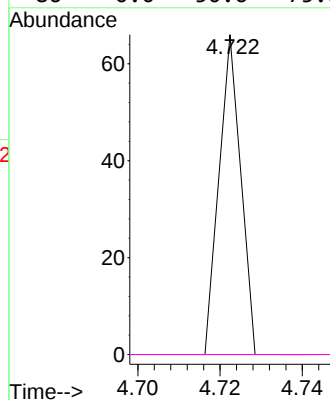
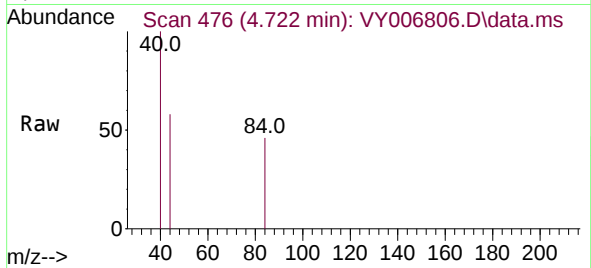




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY006806.D
Acq: 18 Nov 2021 14:20

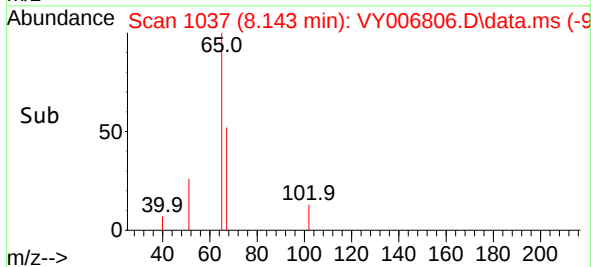
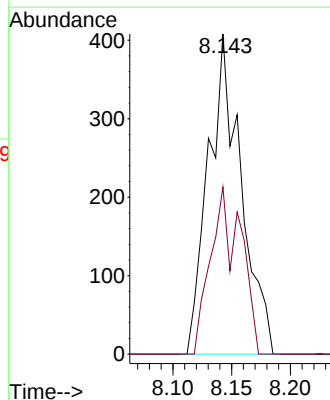
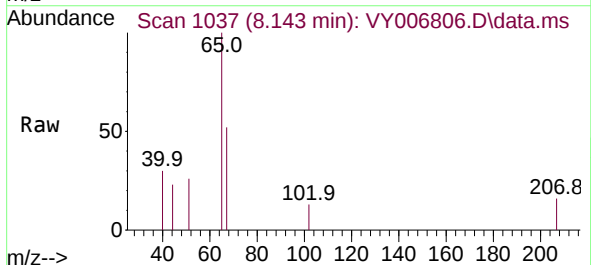
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-202

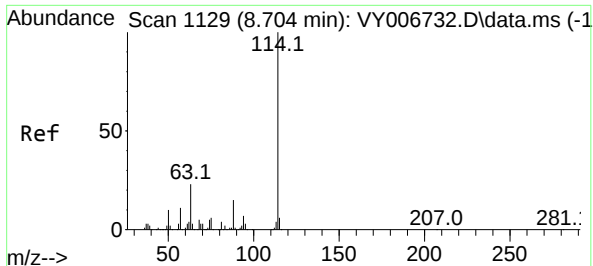
Tgt Ion:	84	Resp:	24
Ion	Ratio	Lower	Upper
84	100		
49	0.0	107.8	161.8#
51	0.0	32.8	49.2#
86	0.0	50.6	75.8#



#33
1,2-Dichloroethane-d4
Concen: 45.115 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY006806.D
Acq: 18 Nov 2021 14:20

Tgt Ion:	65	Resp:	787
Ion	Ratio	Lower	Upper
65	100		
67	48.5	0.0	98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1129

Delta R.T. -0.012 min

Lab File: VY006806.D

Acq: 18 Nov 2021 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-202

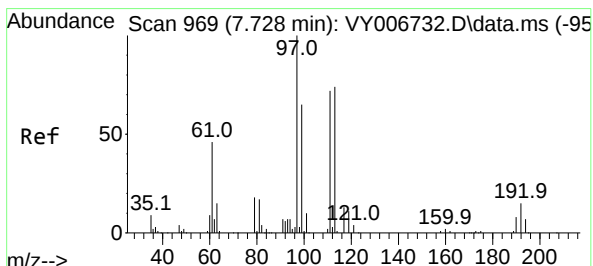
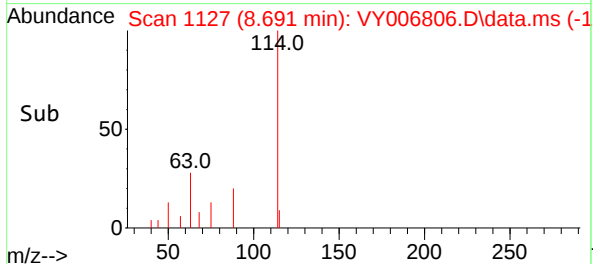
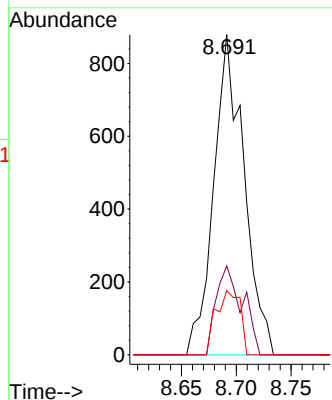
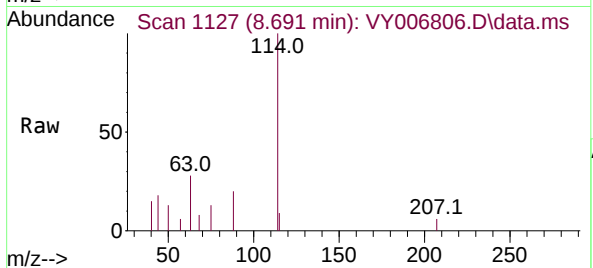
Tgt Ion:114 Resp: 1686

Ion Ratio Lower Upper

114 100

63 27.8 0.0 45.0

88 20.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 31.769 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY006806.D

Acq: 18 Nov 2021 14:20

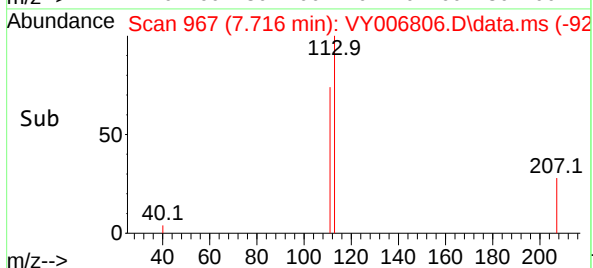
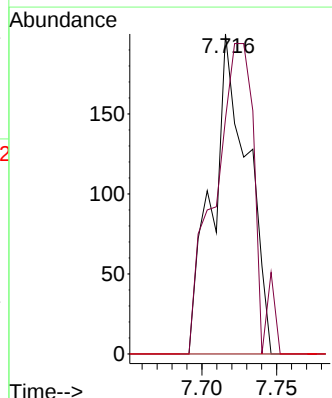
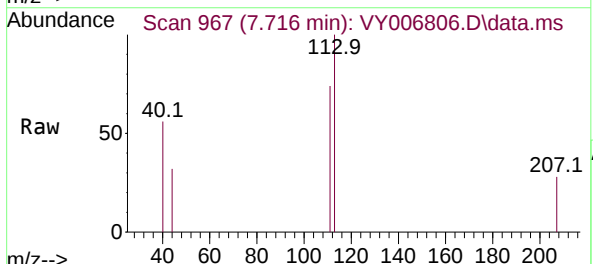
Tgt Ion:113 Resp: 329

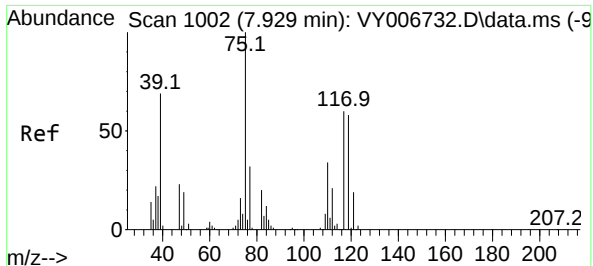
Ion Ratio Lower Upper

113 100

111 110.6 82.3 123.5

192 0.0 17.4 26.2#

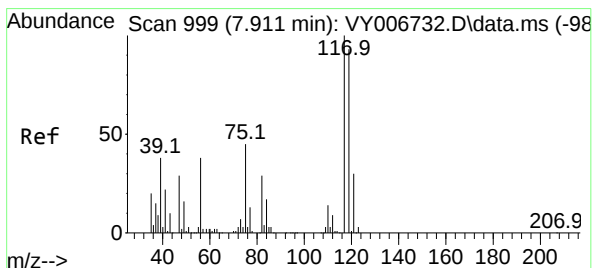
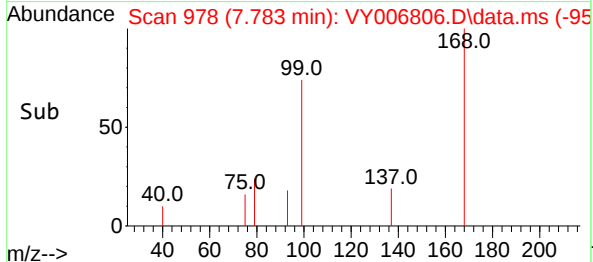
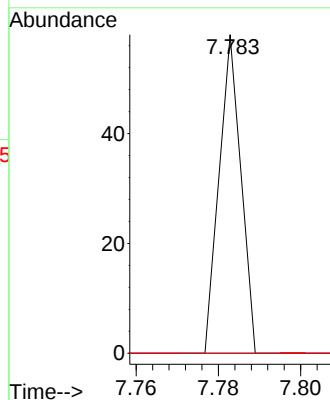
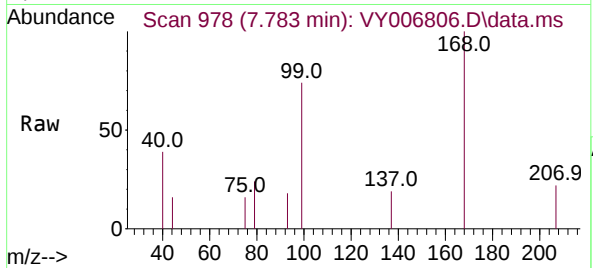




#36
 1,1-Dichloropropene
 Concen: 1.146 ug/l
 RT: 7.783 min Scan# 911
 Delta R.T. -0.146 min
 Lab File: VY006806.D
 Acq: 18 Nov 2021 14:20

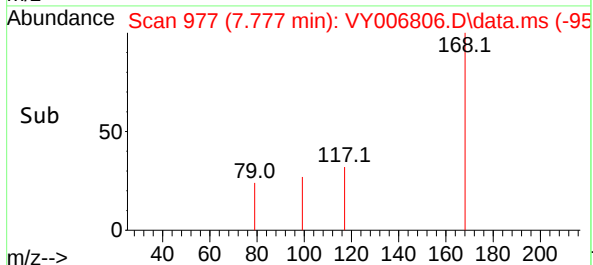
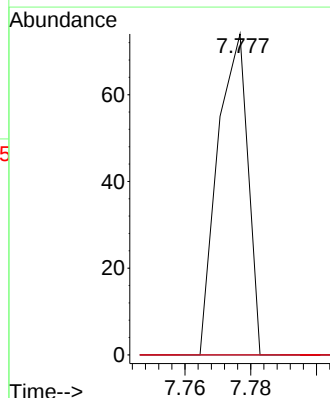
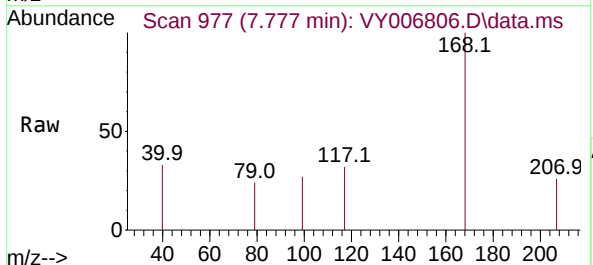
Instrument :
 MSVOA_Y
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 VNJ-202

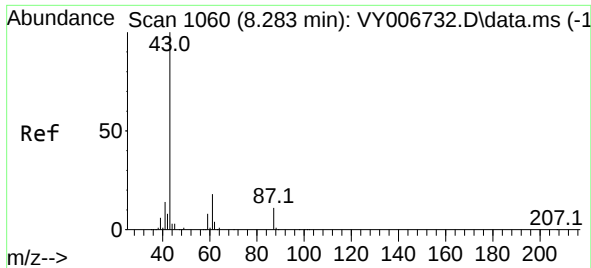
Tgt Ion: 75 Resp: 21
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.1 51.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 2.507 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. -0.134 min
 Lab File: VY006806.D
 Acq: 18 Nov 2021 14:20

Tgt Ion: 117 Resp: 47
 Ion Ratio Lower Upper
 117 100
 119 0.0 76.6 115.0#
 121 0.0 24.7 37.1#

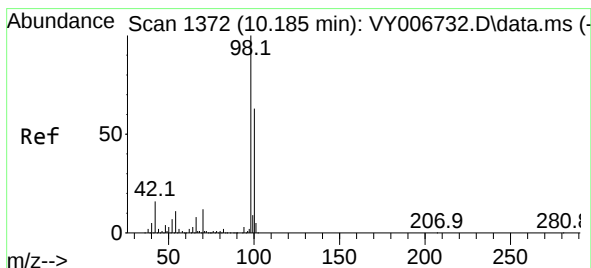
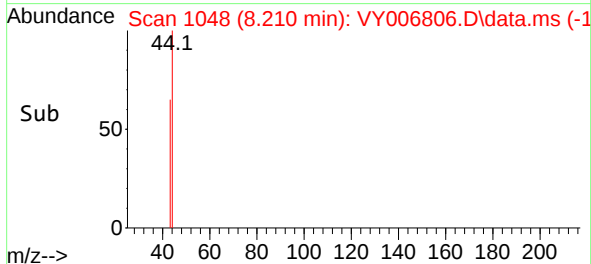
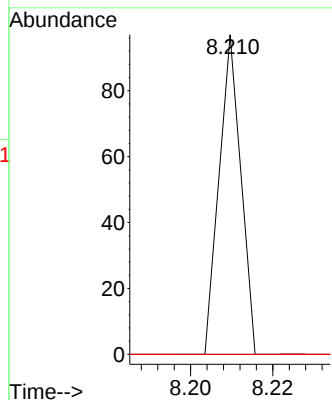
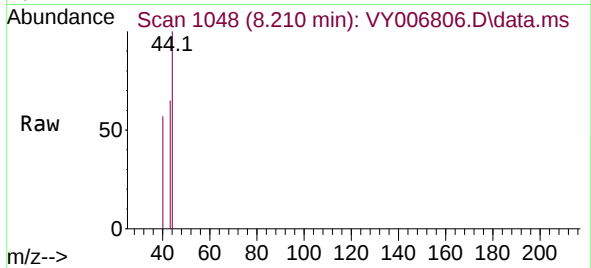




#43
Isopropyl Acetate
Concen: 1.566 ug/l
RT: 8.210 min Scan# 1048
Delta R.T. -0.073 min
Lab File: VY006806.D
Acq: 18 Nov 2021 14:20

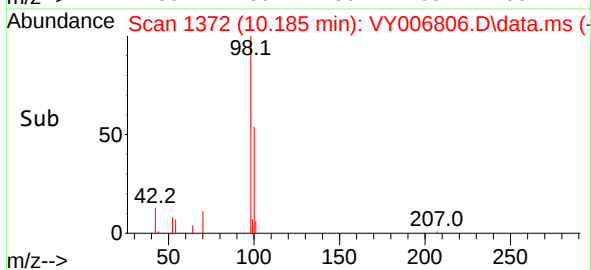
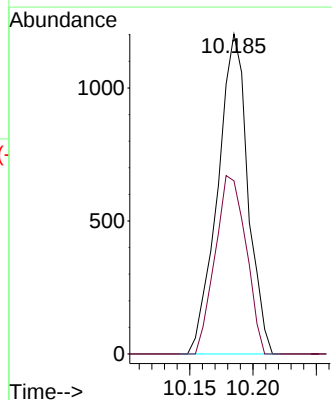
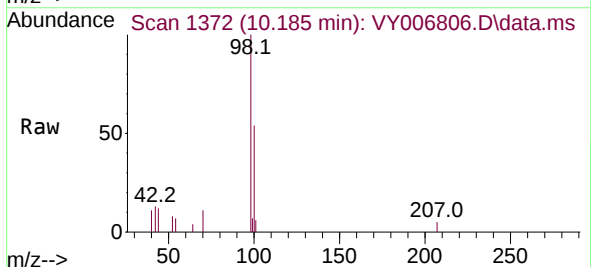
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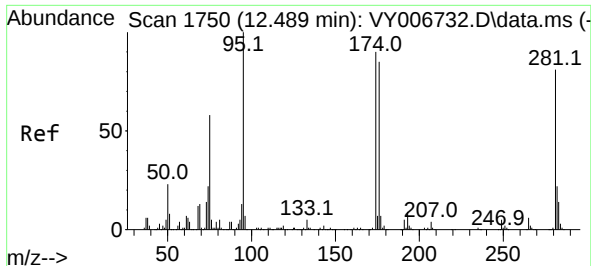
Tgt Ion: 43 Resp: 36
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 0.0 9.0 13.6#



#50
Toluene-d8
Concen: 46.693 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006806.D
Acq: 18 Nov 2021 14:20

Tgt Ion: 98 Resp: 2001
Ion Ratio Lower Upper
98 100
100 56.9 50.9 76.3

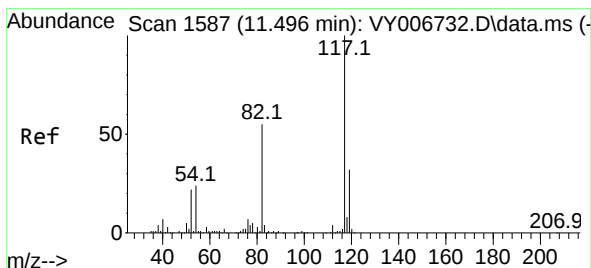
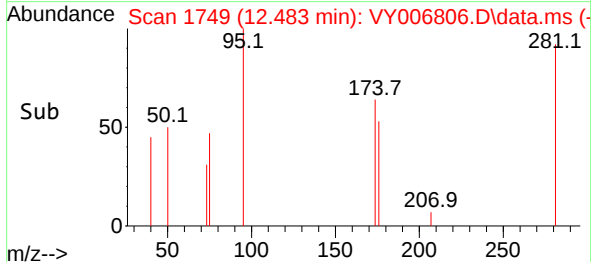
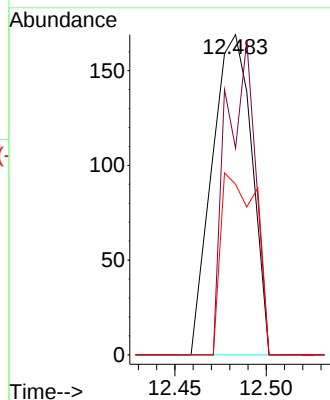
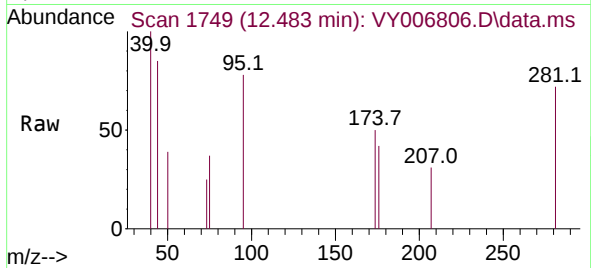




#62
4-Bromofluorobenzene
Concen: 17.650 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006806.D
Acq: 18 Nov 2021 14:20

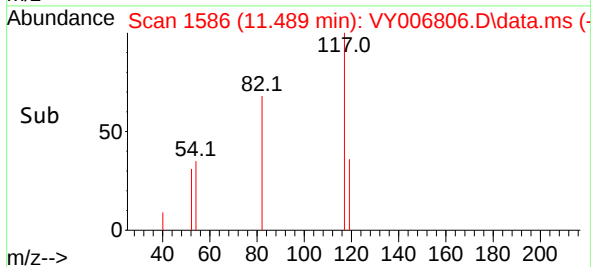
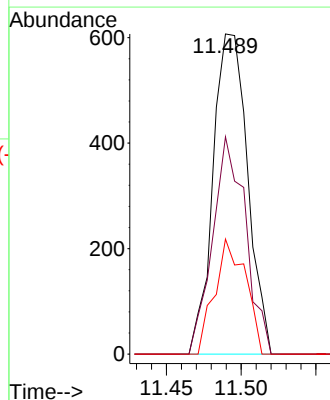
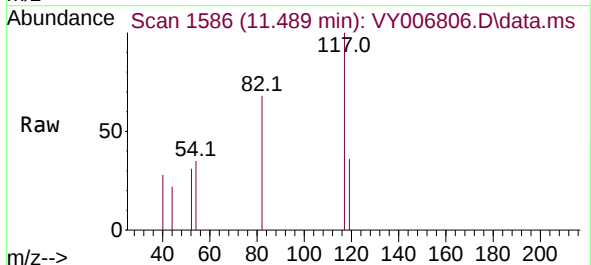
Instrument :
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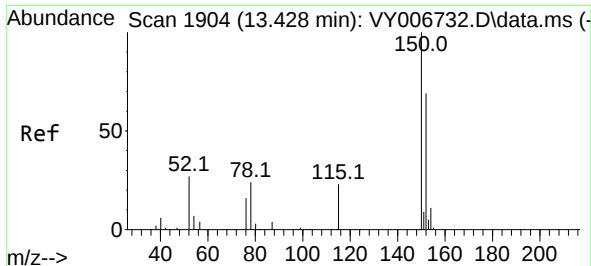
Tgt Ion: 95 Resp: 255
Ion Ratio Lower Upper
95 100
174 71.4 0.0 177.0
176 50.6 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006806.D
Acq: 18 Nov 2021 14:20

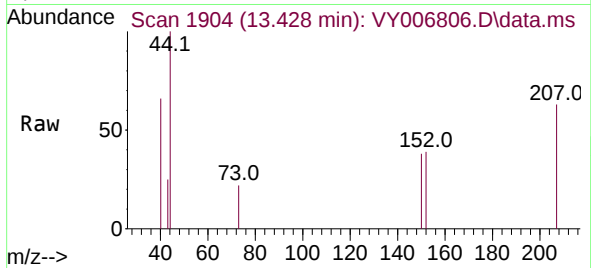
Tgt Ion: 117 Resp: 978
Ion Ratio Lower Upper
117 100
82 67.9 45.7 68.5
119 35.9 25.5 38.3



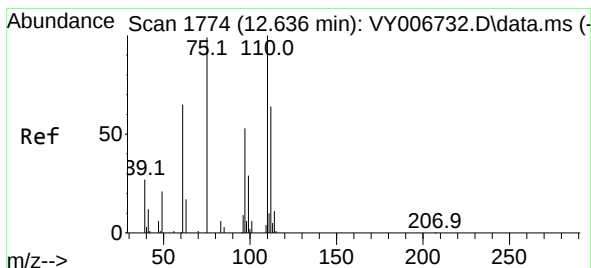
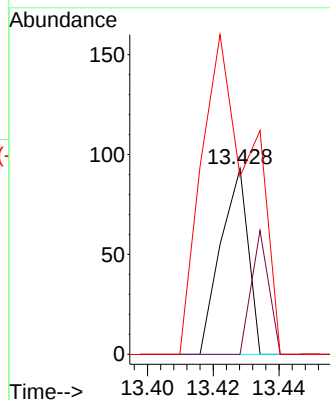
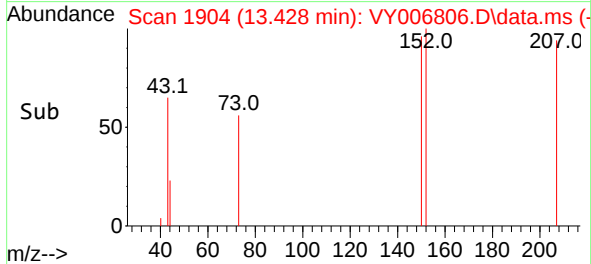


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006806.D
Acq: 18 Nov 2021 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-202

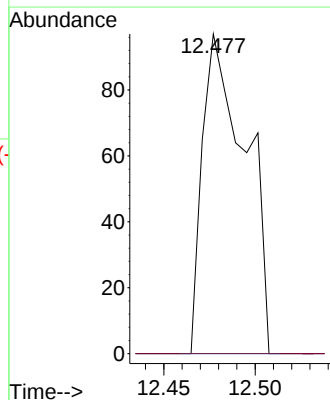
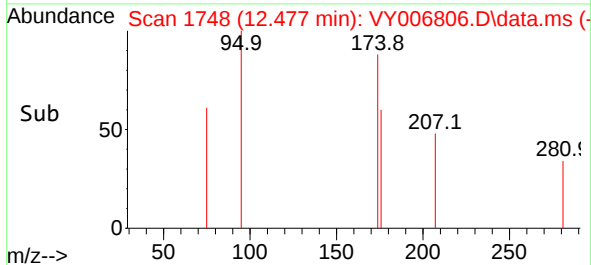
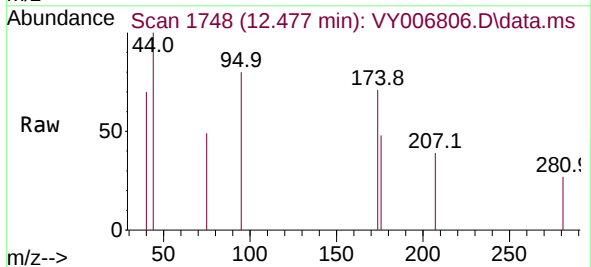


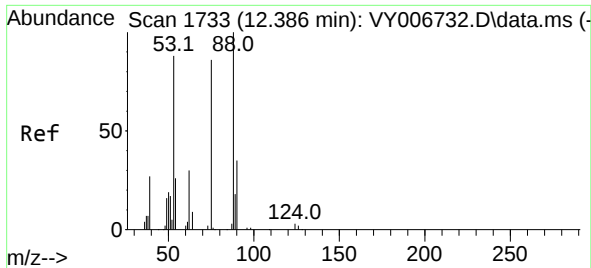
Tgt Ion:152 Resp: 54
Ion Ratio Lower Upper
152 100
115 42.6 28.5 85.5
150 307.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 270.823 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY006806.D
Acq: 18 Nov 2021 14:20

Tgt Ion: 75 Resp: 159
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 536.628 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.091 min
 Lab File: VY006806.D
 Acq: 18 Nov 2021 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-202

Tgt Ion: 75 Resp: 159
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.0 39.3 58.9#

