

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006612.D
 Acq On : 03 Nov 2021 19:28
 Operator : SY/MD
 Sample : M4448-02
 Misc : 7.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-224

Quant Time: Nov 03 21:24:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	76824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	115394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	83632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24058	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	36215	38.308	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.620%
35) Dibromofluoromethane	7.728	113	32047	49.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.660%
50) Toluene-d8	10.185	98	140315	51.463	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.920%
62) 4-Bromofluorobenzene	12.483	95	29123	31.709	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.420%

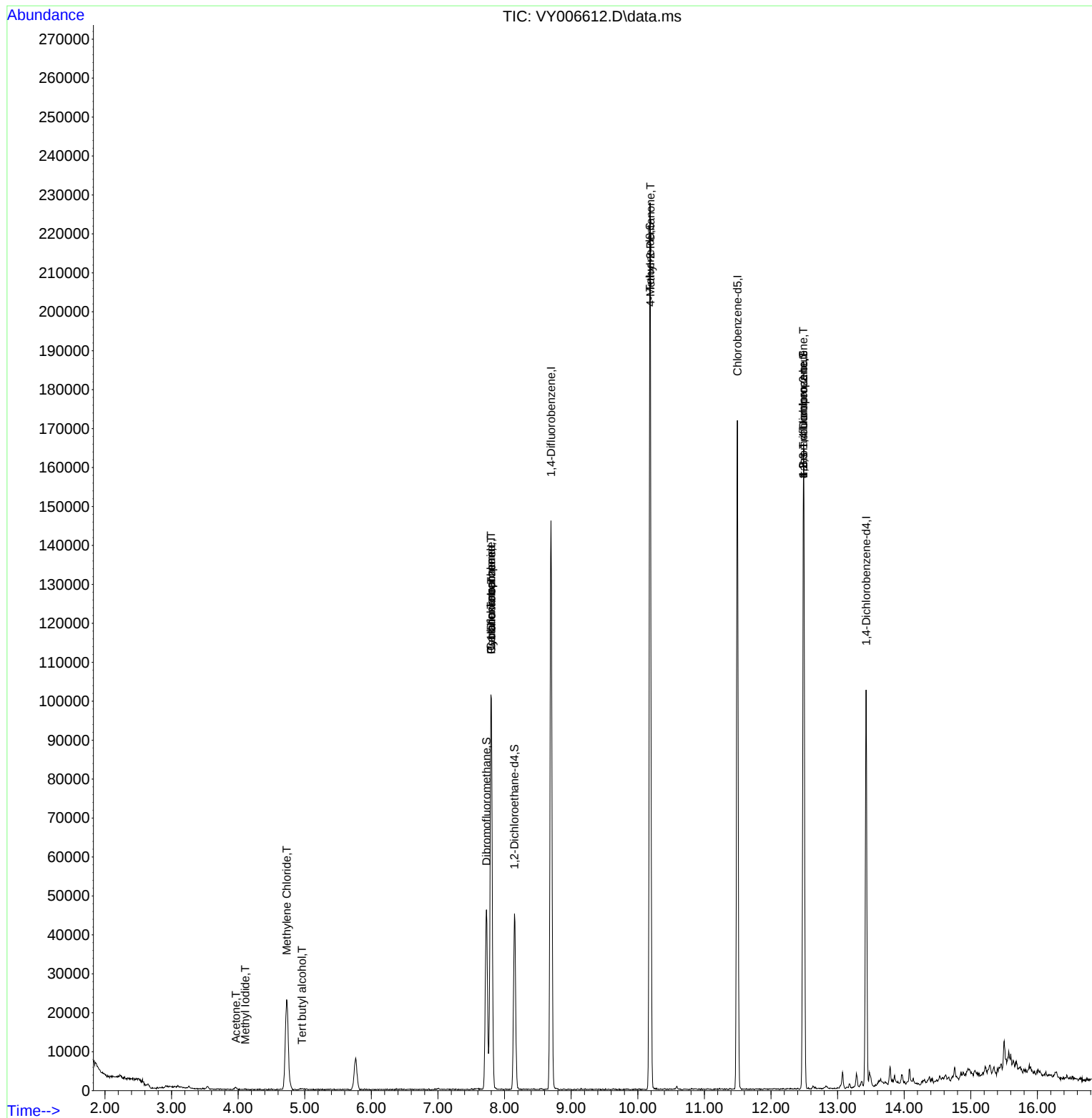
Target Compounds					Qvalue	
10) Methyl Iodide	4.107	142	57	5.128	ug/l #	36
11) Tert butyl alcohol	4.960	59	729	8.488	ug/l #	72
16) Acetone	3.967	43	924	3.394	ug/l	98
20) Methylene Chloride	4.729	84	15755	15.897	ug/l	87
31) Cyclohexane	7.801	56	1936	1.265	ug/l #	12
36) 1,1-Dichloropropene	7.795	75	6471	5.675	ug/l #	51
38) Carbon Tetrachloride	7.795	117	7919	6.296	ug/l #	17
51) 4-Methyl-2-Pentanone	10.191	43	758	1.033	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	17288	69.735	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	17288	143.162	ug/l #	7

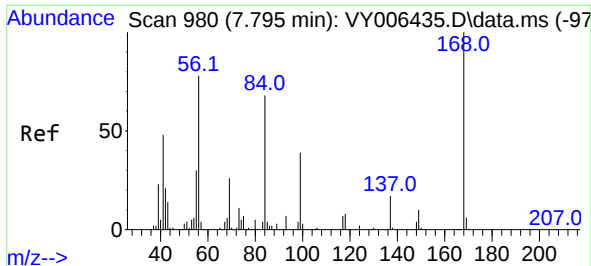
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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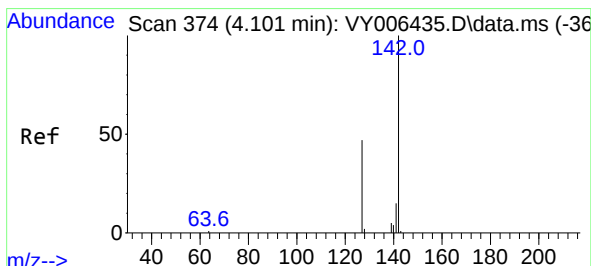
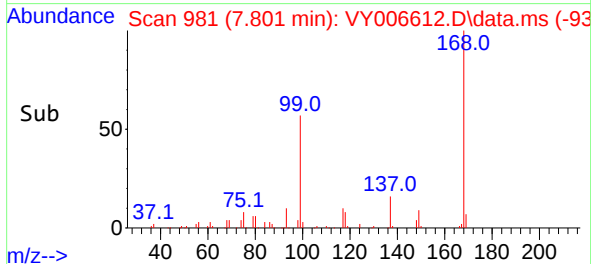
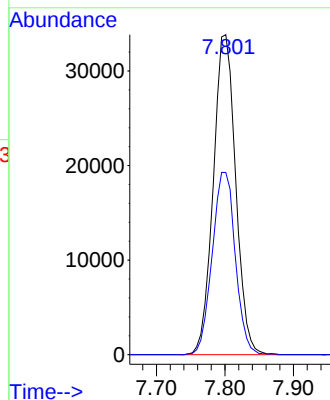
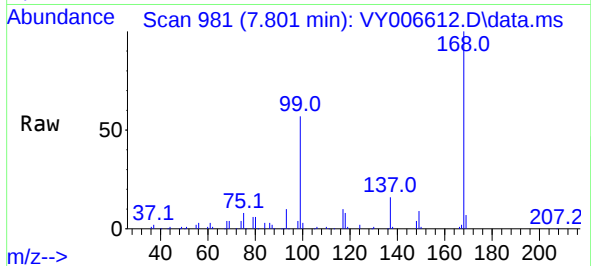




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006612.D
Acq: 03 Nov 2021 19:28

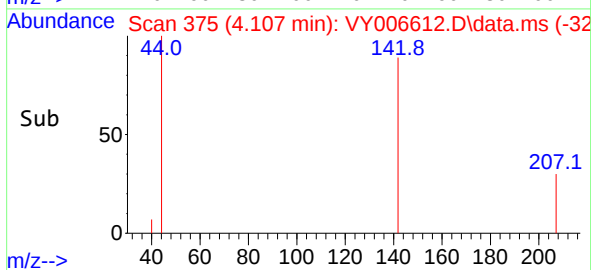
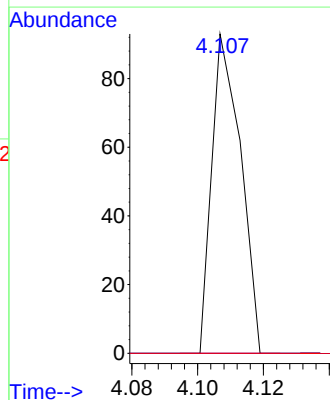
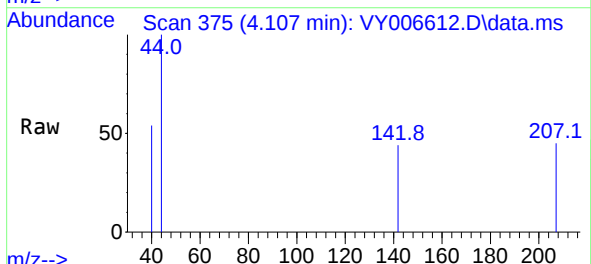
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-224

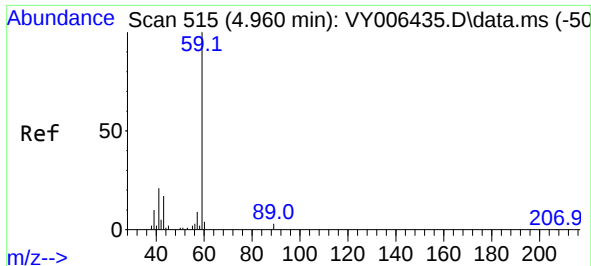
Tgt Ion:168 Resp: 76824
Ion Ratio Lower Upper
168 100
99 57.0 44.8 67.2



#10
Methyl Iodide
Concen: 5.128 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006612.D
Acq: 03 Nov 2021 19:28

Tgt Ion:142 Resp: 57
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

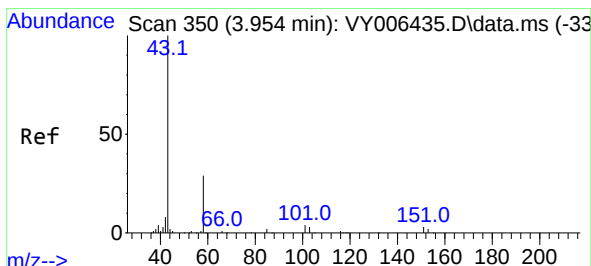
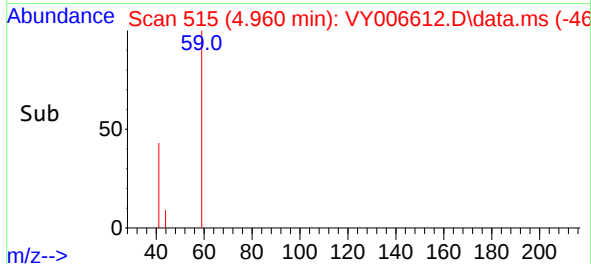
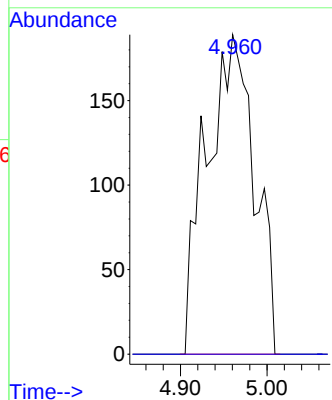
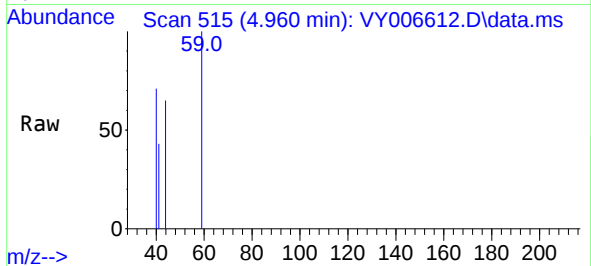




#11
Tert butyl alcohol
Concen: 8.488 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY006612.D
Acq: 03 Nov 2021 19:28

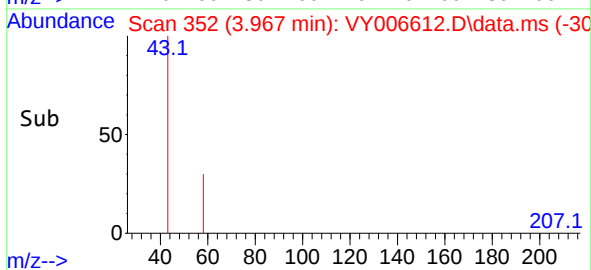
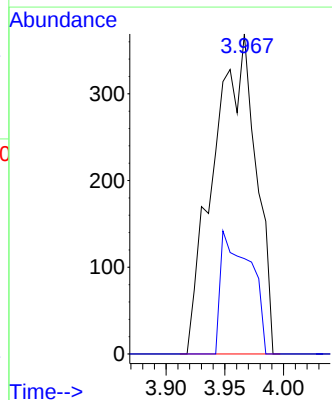
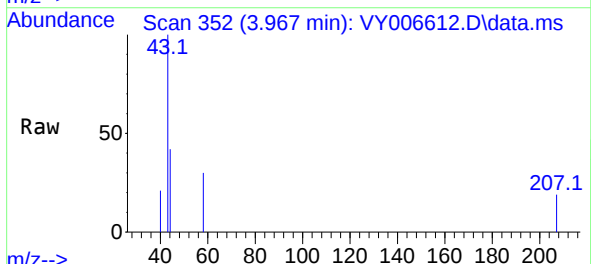
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-224

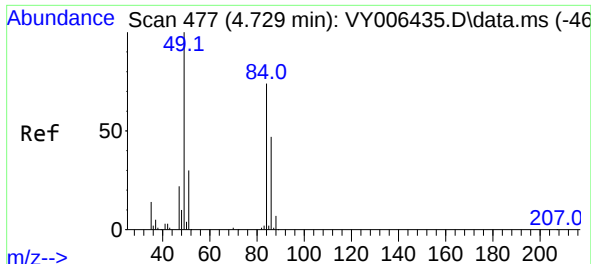
Tgt Ion: 59 Resp: 729
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 3.394 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY006612.D
Acq: 03 Nov 2021 19:28

Tgt Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
58 29.8 22.9 34.3



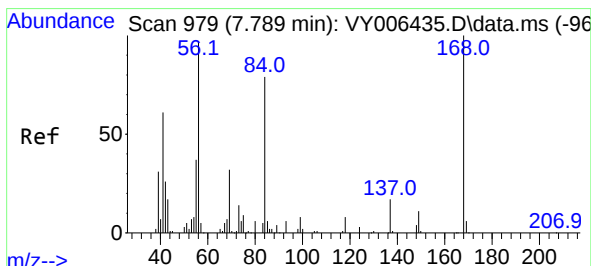
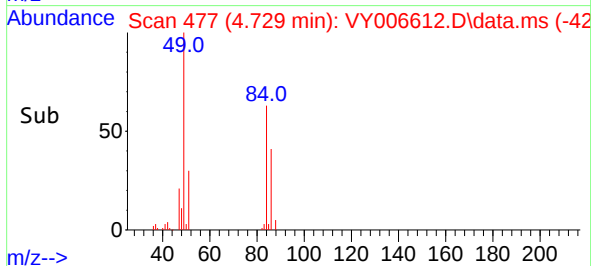
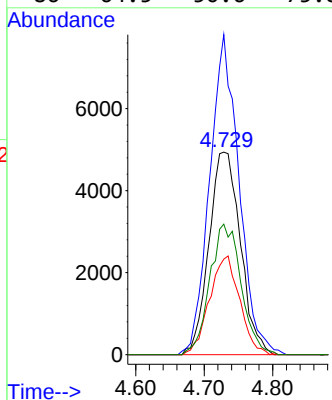
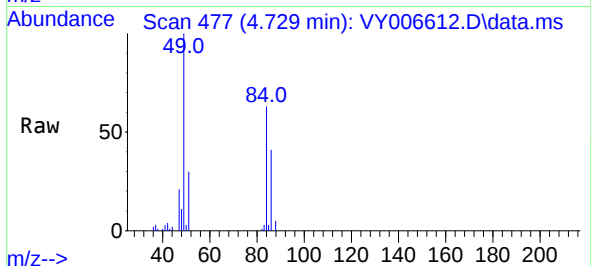


#20
Methylene Chloride
Concen: 15.897 ug/l
RT: 4.729 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY006612.D
Acq: 03 Nov 2021 19:28

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-224

Tgt Ion: 84 Resp: 15755

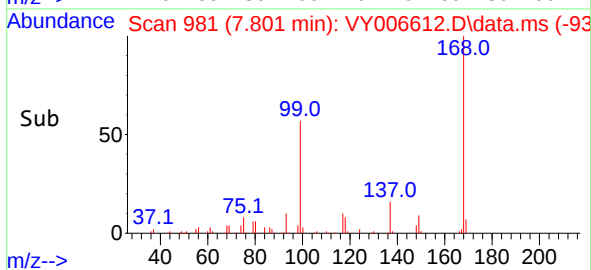
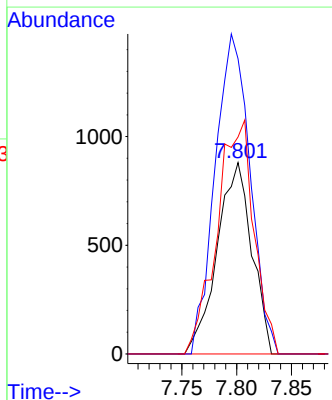
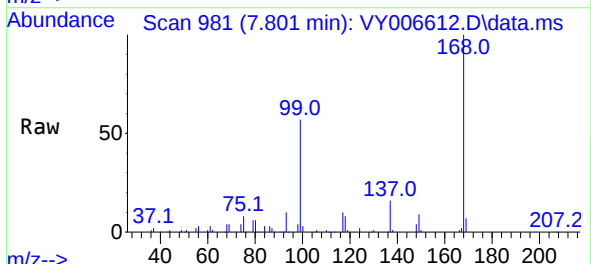
Ion	Ratio	Lower	Upper
84	100		
49	157.9	107.8	161.8
51	47.2	32.8	49.2
86	64.5	50.6	75.8

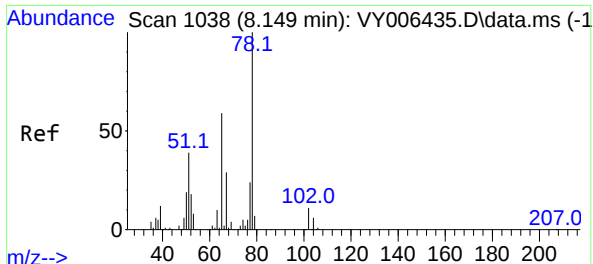


#31
Cyclohexane
Concen: 1.265 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006612.D
Acq: 03 Nov 2021 19:28

Tgt Ion: 56 Resp: 1936

Ion	Ratio	Lower	Upper
56	100		
69	154.3	26.6	40.0#
84	113.4	65.0	97.4#

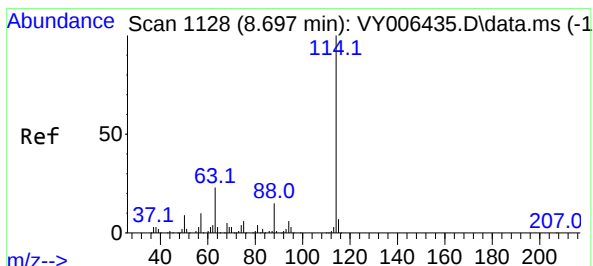
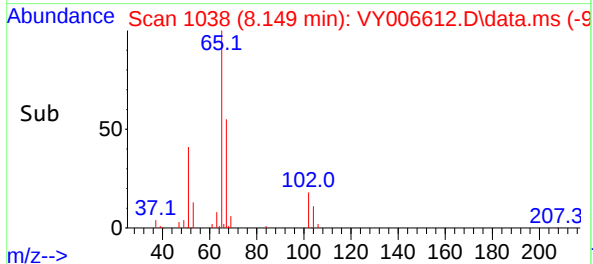
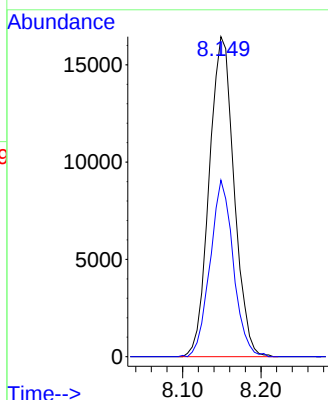
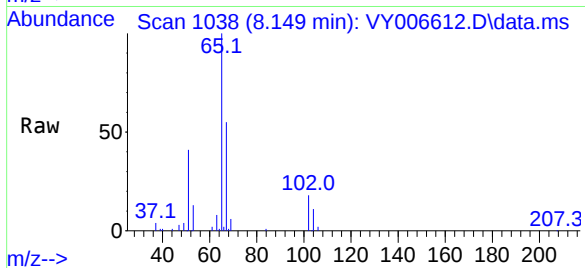




#33
1,2-Dichloroethane-d4
Concen: 38.308 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006612.D
Acq: 03 Nov 2021 19:28

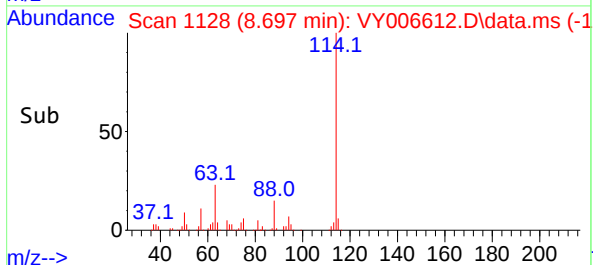
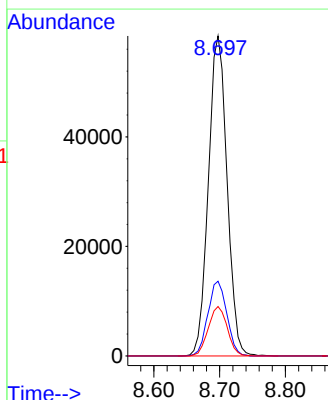
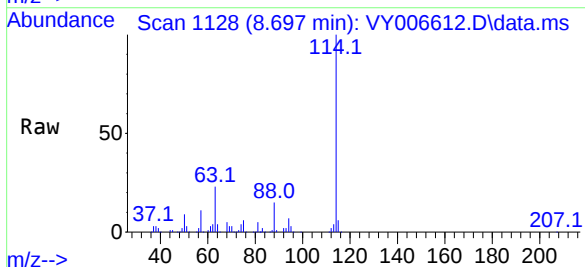
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-224

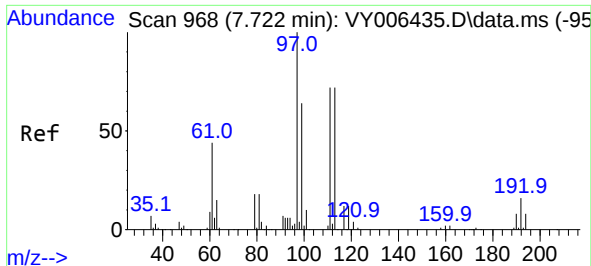
Tgt Ion: 65 Resp: 36215
Ion Ratio Lower Upper
65 100
67 51.7 0.0 98.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006612.D
Acq: 03 Nov 2021 19:28

Tgt Ion: 114 Resp: 115394
Ion Ratio Lower Upper
114 100
63 23.4 0.0 45.0
88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.826 ug/l

RT: 7.728 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY006612.D

Acq: 03 Nov 2021 19:28

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-224

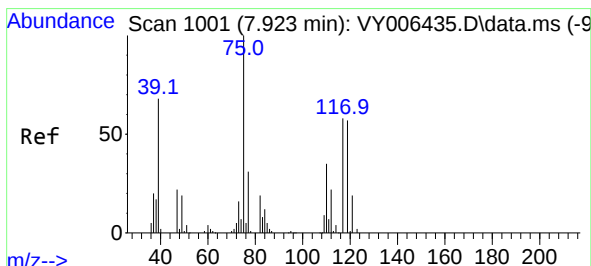
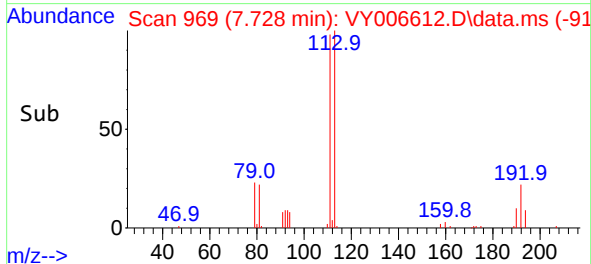
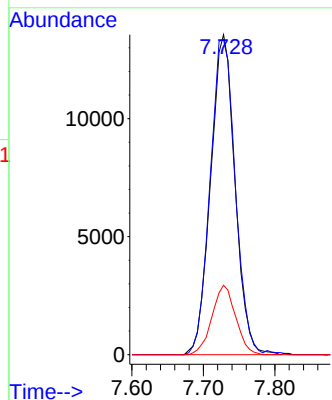
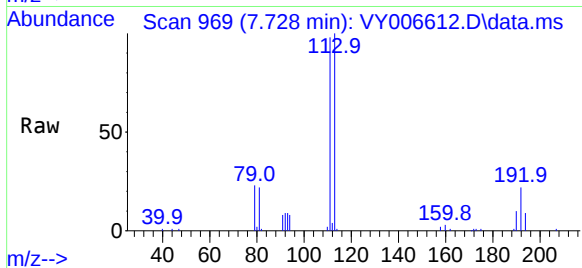
Tgt Ion:113 Resp: 32047

Ion Ratio Lower Upper

113 100

111 101.7 82.3 123.5

192 21.1 17.4 26.2



#36

1,1-Dichloropropene

Concen: 5.675 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006612.D

Acq: 03 Nov 2021 19:28

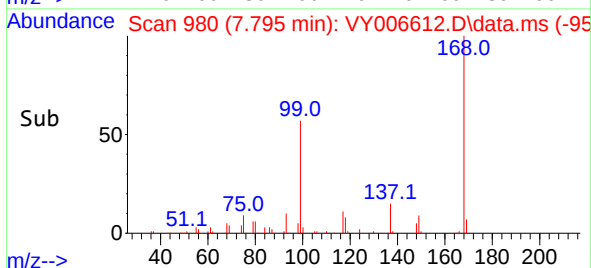
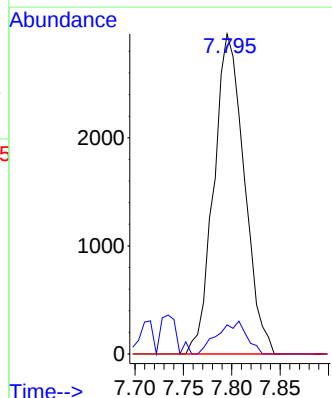
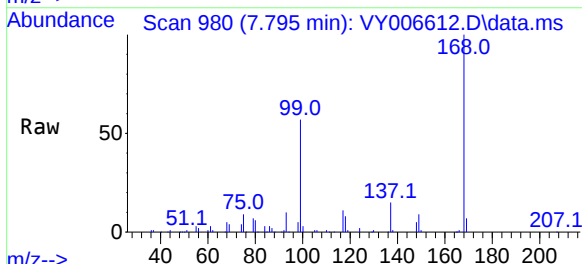
Tgt Ion: 75 Resp: 6471

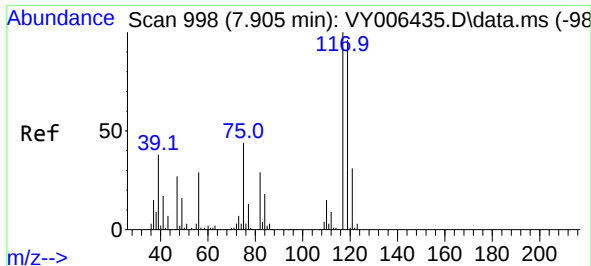
Ion Ratio Lower Upper

75 100

110 9.8 17.1 51.3#

77 0.0 24.9 37.3#

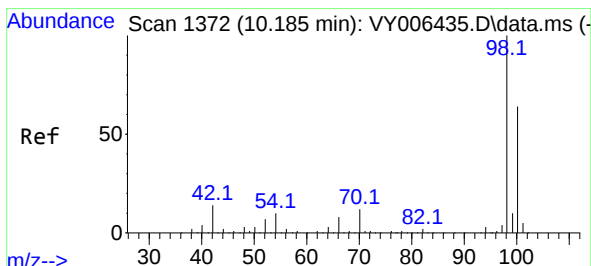
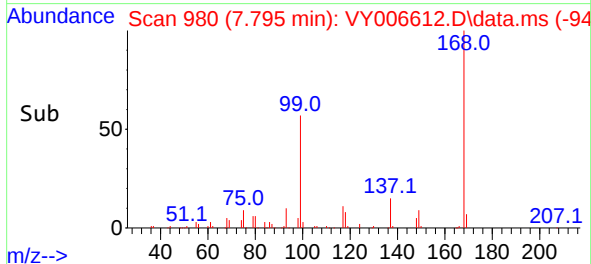
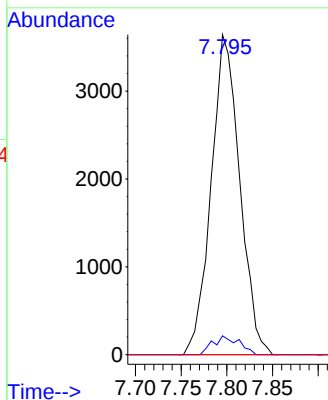
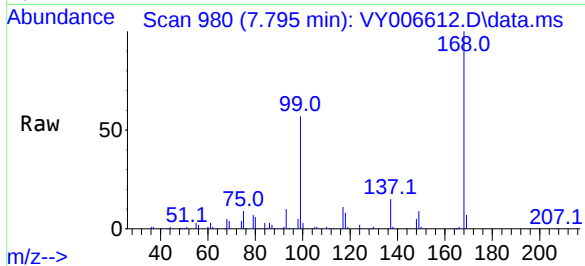




#38
Carbon Tetrachloride
Concen: 6.296 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006612.D
Acq: 03 Nov 2021 19:28

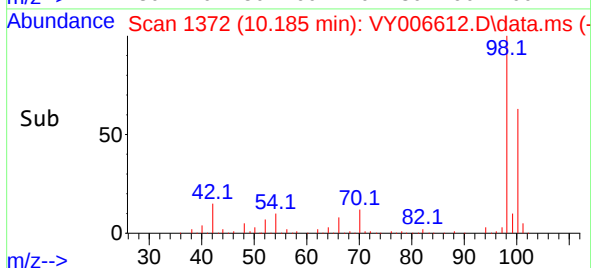
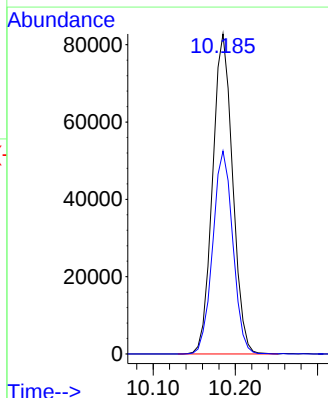
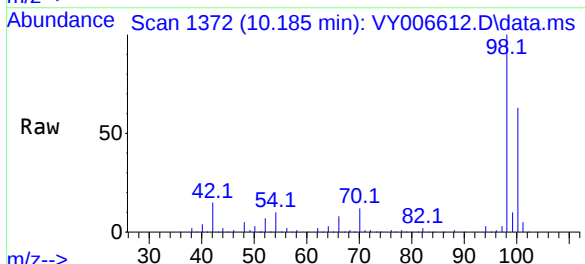
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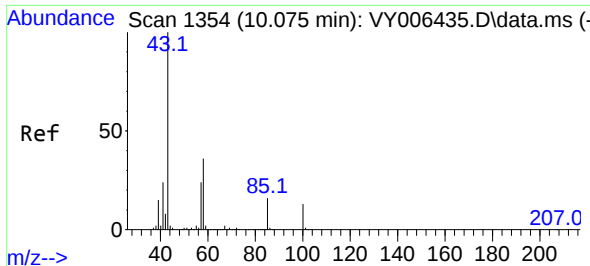
Tgt Ion:117 Resp: 7919
Ion Ratio Lower Upper
117 100
119 5.9 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.463 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006612.D
Acq: 03 Nov 2021 19:28

Tgt Ion: 98 Resp: 140315
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

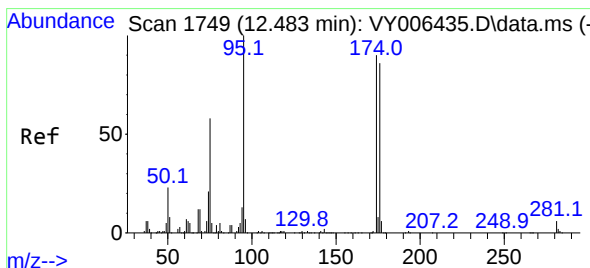
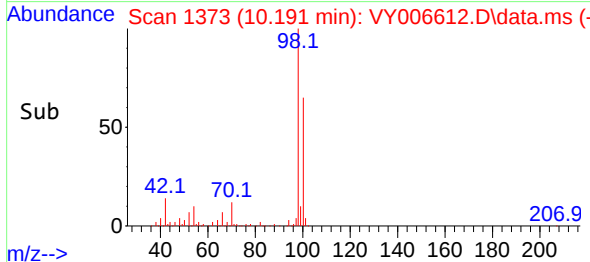
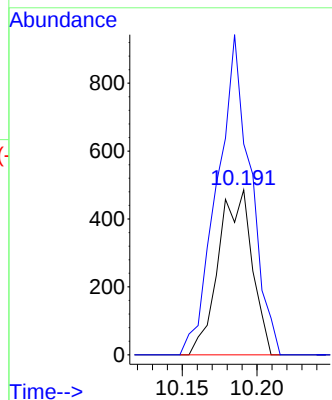
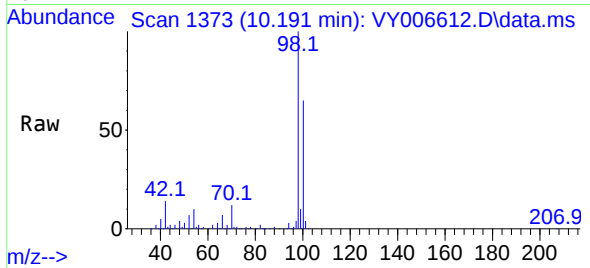




#51
4-Methyl-2-Pentanone
Concen: 1.033 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY006612.D
Acq: 03 Nov 2021 19:28

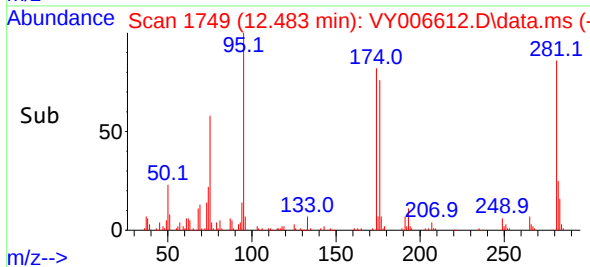
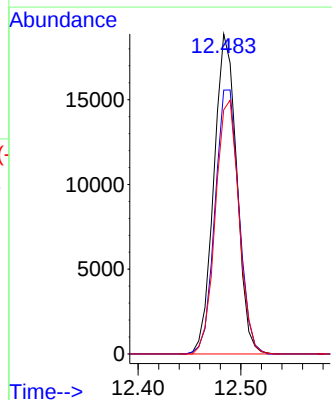
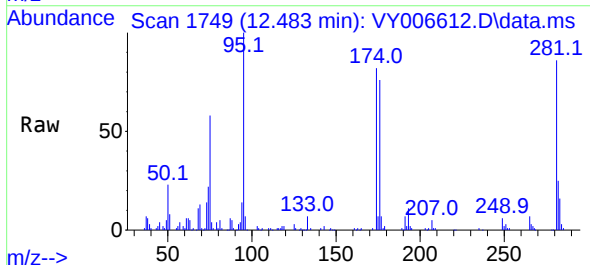
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-224

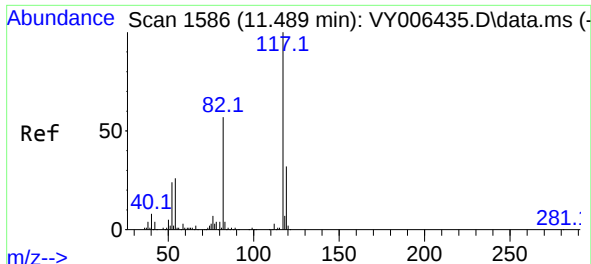
Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
58 192.9 28.7 43.1#



#62
4-Bromofluorobenzene
Concen: 31.709 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006612.D
Acq: 03 Nov 2021 19:28

Tgt Ion: 95 Resp: 29123
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 81.5 0.0 169.4

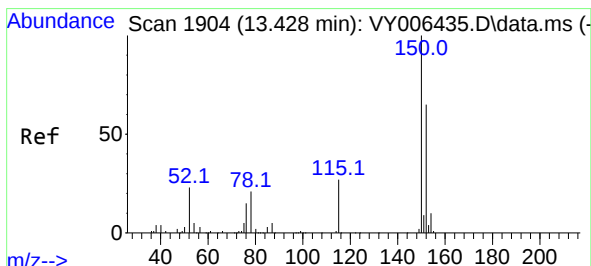
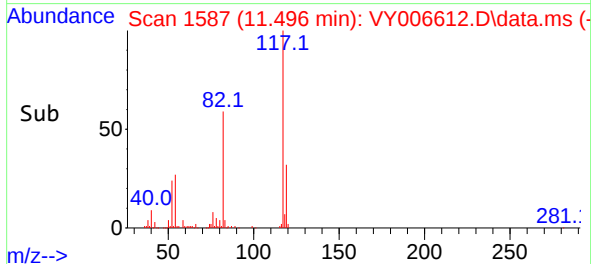
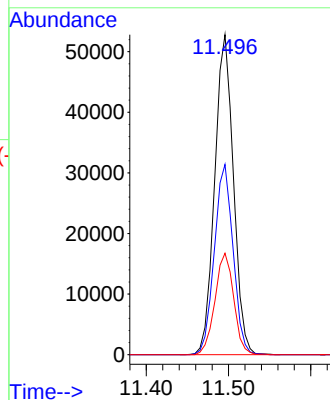
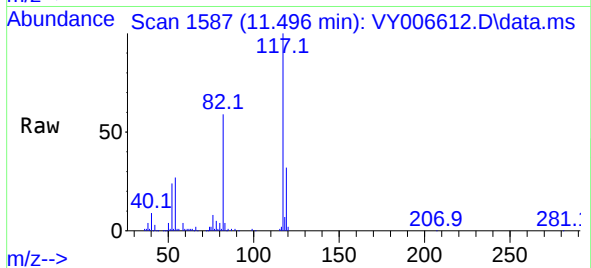




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006612.D
Acq: 03 Nov 2021 19:28

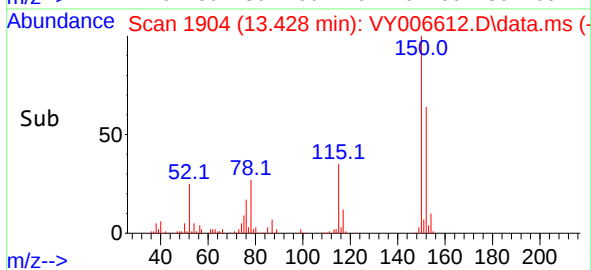
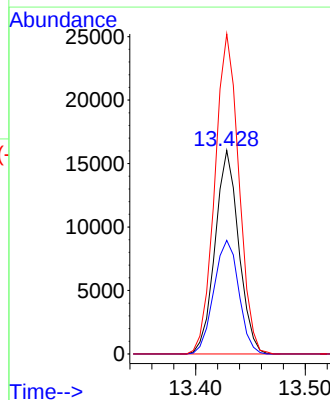
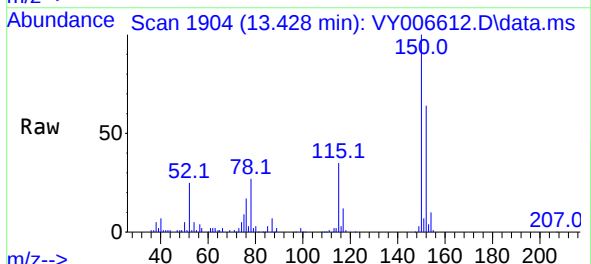
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-224

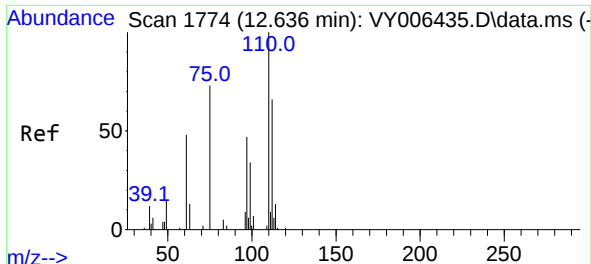
Tgt Ion:117	Resp:	83632
Ion Ratio	Lower	Upper
117	100	
82	59.4	45.7 68.5
119	31.7	25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006612.D
Acq: 03 Nov 2021 19:28

Tgt Ion:152	Resp:	24058
Ion Ratio	Lower	Upper
152	100	
115	58.7	28.5 85.5
150	159.9	0.0 348.2

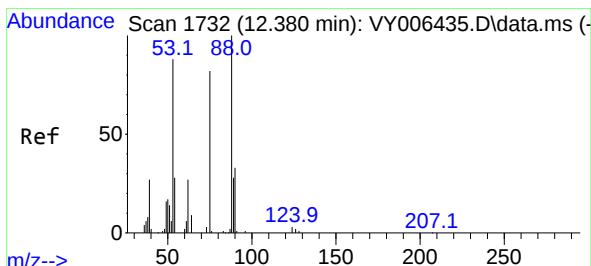
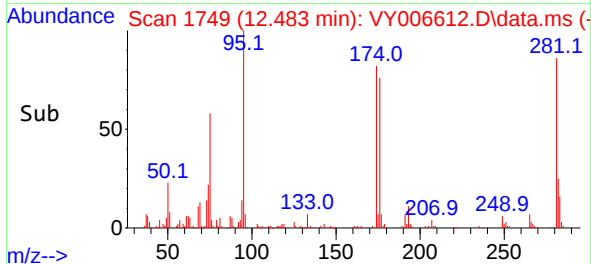
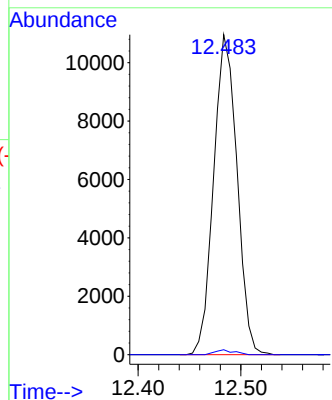
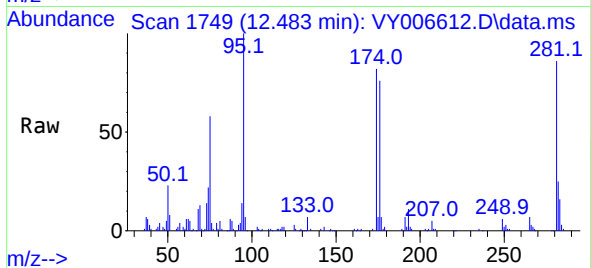




#76
1,2,3-Trichloropropane
Concen: 69.735 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006612.D
Acq: 03 Nov 2021 19:28

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-224

Tgt Ion: 75 Resp: 17288
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 143.162 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006612.D
Acq: 03 Nov 2021 19:28

Tgt Ion: 75 Resp: 17288
Ion Ratio Lower Upper
75 100
53 0.3 85.8 128.6#
89 1.1 39.3 58.9#

