

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051022\
 Data File : VX028608.D
 Acq On : 10 May 2022 20:38
 Operator : JC/MD
 Sample : N2755-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-210

Quant Time: May 11 07:05:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

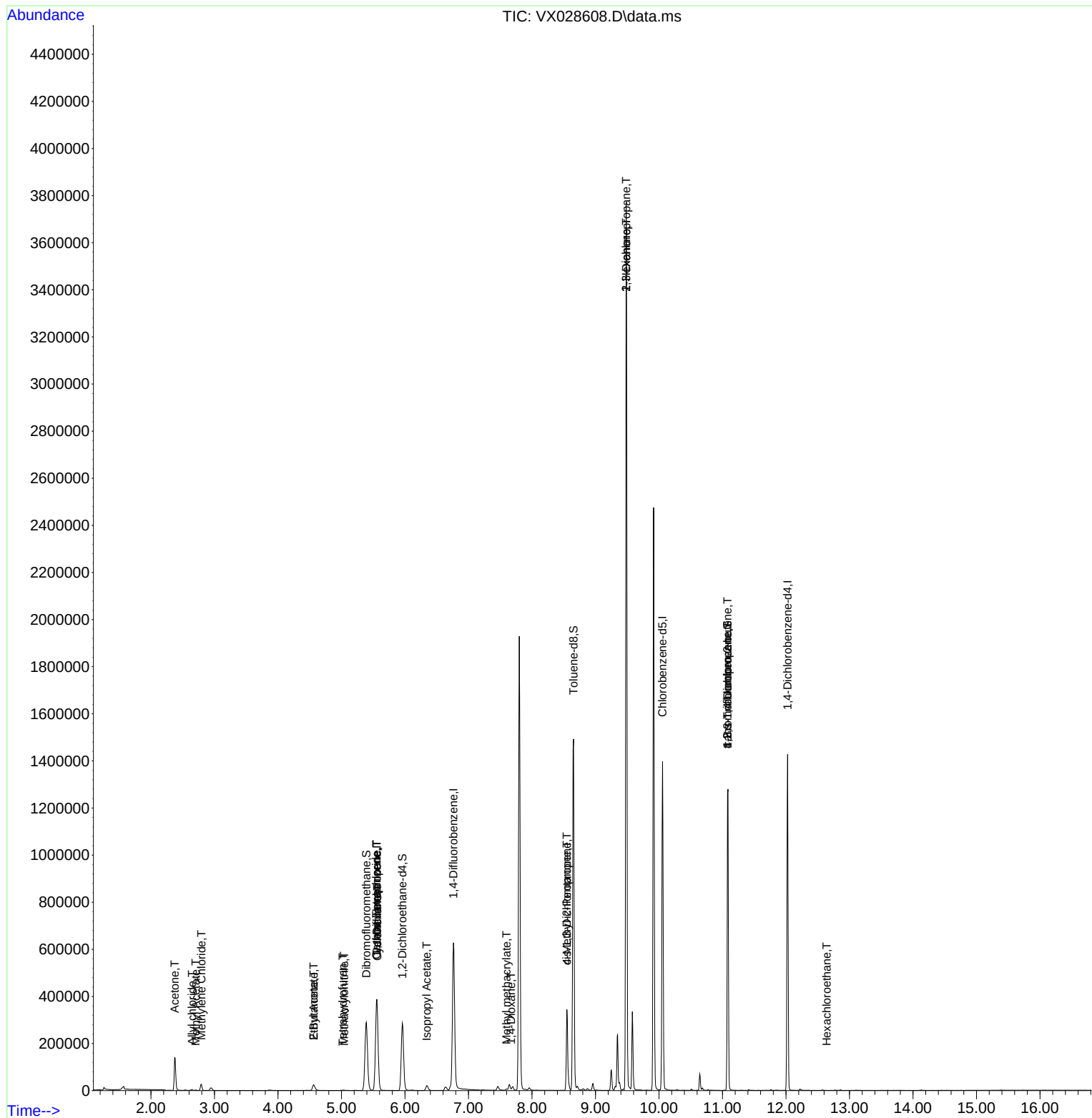
Internal Standards						
1) Pentafluorobenzene	5.556	168	384785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	660556	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	648511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	302512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	268864	53.589	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.180%			
35) Dibromofluoromethane	5.391	113	249291	53.814	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.620%			
50) Toluene-d8	8.653	98	916483	51.510	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.020%			
62) 4-Bromofluorobenzene	11.079	95	335716	49.348	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.700%			
Target Compounds					Qvalue	
3) Chloromethane	1.288	50	263	Below Cal		96
5) Bromomethane	1.612	94	510	Below Cal	#	79
6) Chloroethane	1.697	64	253	Below Cal	#	86
8) Diethyl Ether	2.136	74	55	Below Cal	#	1
11) Tert butyl alcohol	2.941	59	7397	Below Cal	#	80
14) Allyl chloride	2.648	41	3958	0.798	ug/l #	44
16) Acetone	2.374	43	146424	94.685	ug/l	94
18) Methyl Acetate	2.703	43	2539	0.569	ug/l	100
20) Methylene Chloride	2.794	84	12570	3.377	ug/l	96
25) 2-Butanone	4.562	43	38684	13.019	ug/l	96
29) Tetrahydrofuran	5.019	42	763	0.394	ug/l #	53
31) Cyclohexane	5.562	56	6932	1.134	ug/l #	10
36) 1,1-Dichloropropene	5.556	75	26918	4.455	ug/l #	50
37) Ethyl Acetate	4.562	43	38684	6.309	ug/l #	65
38) Carbon Tetrachloride	5.550	117	37534	5.502	ug/l #	15
41) Methacrylonitrile	5.044	41	1133	0.358	ug/l #	41
43) Isopropyl Acetate	6.342	43	28858	2.892	ug/l	96
48) Methyl methacrylate	7.598	41	8624	1.882	ug/l #	7
49) 1,4-Dioxane	7.671	88	201	1.640	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	116710	18.226	ug/l #	48
54) cis-1,3-Dichloropropene	8.549	75	57989	7.784	ug/l #	67
57) 1,3-Dichloropropane	9.482	76	35912	4.456	ug/l #	43
59) 2-Hexanone	9.482	43	401339	80.911	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	166399	27.949	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	166399	83.057	ug/l #	15
90) Hexachloroethane	12.640	117	28	1.822	ug/l #	10

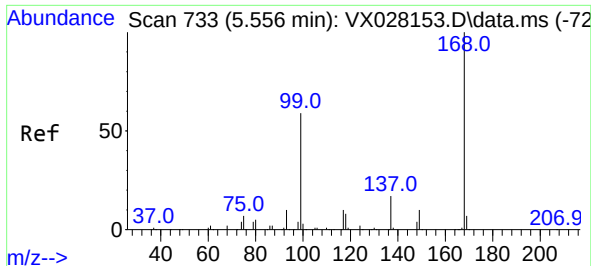
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

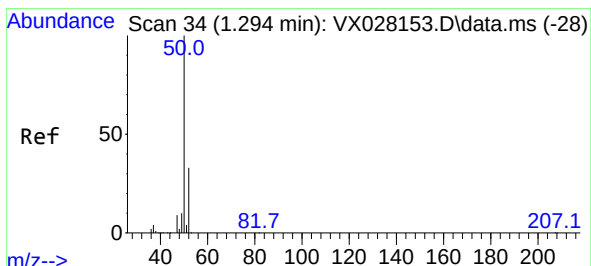
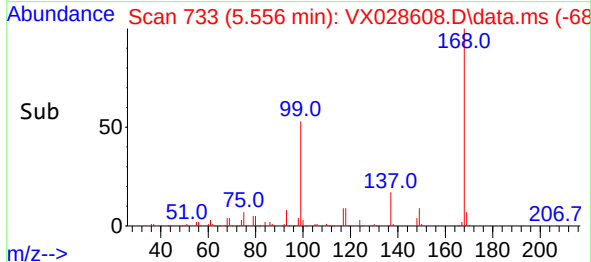
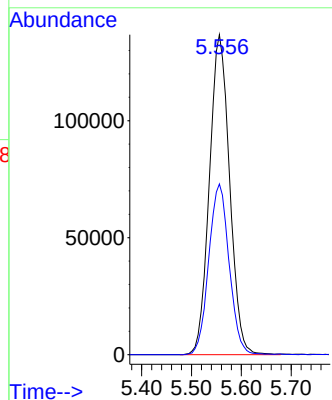
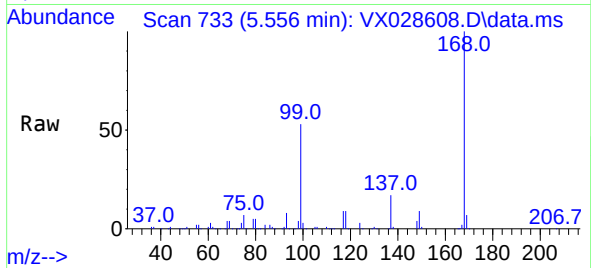




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

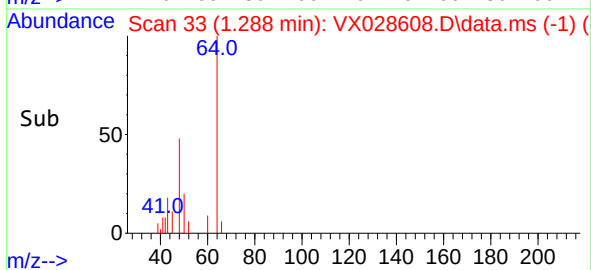
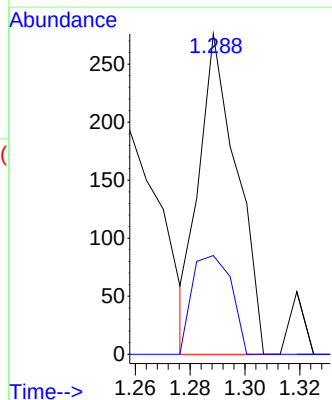
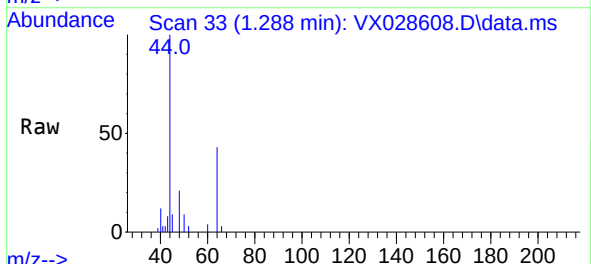
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

Tgt Ion:168 Resp: 384785
Ion Ratio Lower Upper
168 100
99 53.4 41.7 62.5

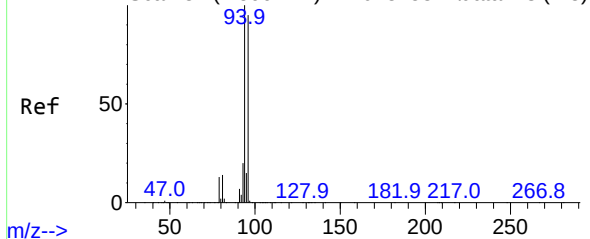


#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

Tgt Ion: 50 Resp: 263
Ion Ratio Lower Upper
50 100
52 30.8 26.4 39.6



Abundance Scan 84 (1.599 min): VX028153.D\data.ms (-78)



#5

Bromomethane

Concen: Below Cal

RT: 1.612 min Scan# 80

Delta R.T. 0.013 min

Lab File: VX028608.D

Acq: 10 May 2022 20:38

Instrument :

MSVOA_X

ClientSampleId :

VNJ-210

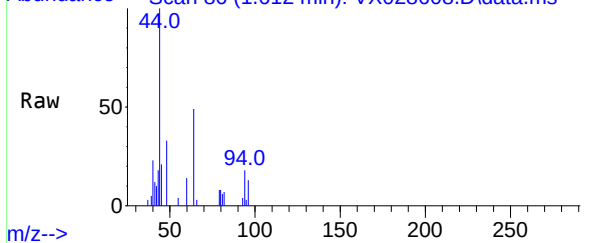
Tgt Ion: 94 Resp: 510

Ion Ratio Lower Upper

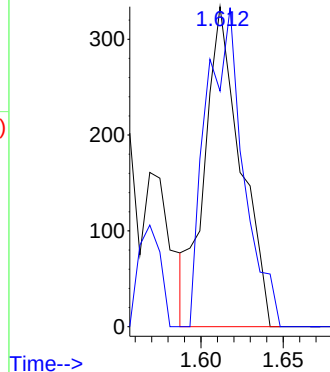
94 100

96 73.7 75.3 112.9#

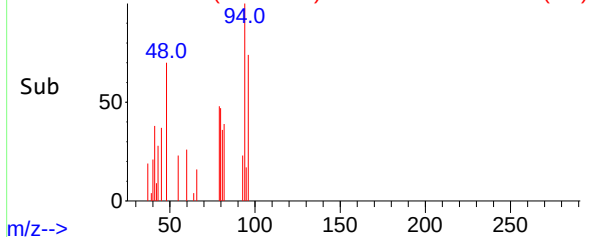
Abundance Scan 86 (1.612 min): VX028608.D\data.ms



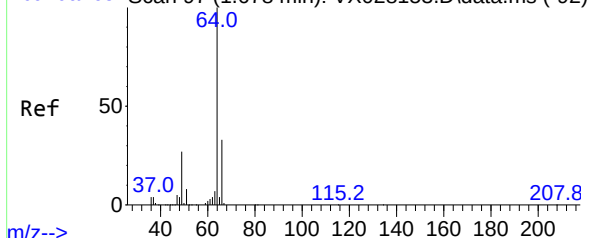
Abundance



Abundance Scan 86 (1.612 min): VX028608.D\data.ms (-35)



Abundance Scan 97 (1.678 min): VX028153.D\data.ms (-92)



#6

Chloroethane

Concen: Below Cal

RT: 1.697 min Scan# 100

Delta R.T. 0.019 min

Lab File: VX028608.D

Acq: 10 May 2022 20:38

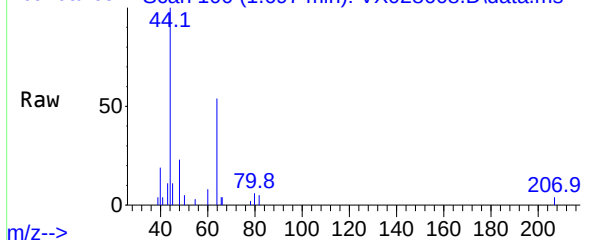
Tgt Ion: 64 Resp: 253

Ion Ratio Lower Upper

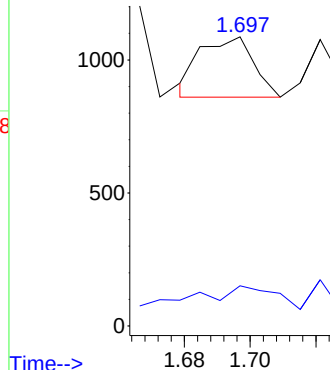
64 100

66 23.8 25.3 37.9#

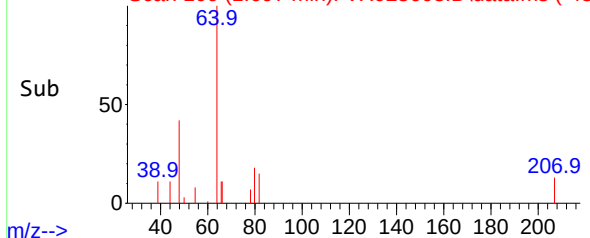
Abundance Scan 100 (1.697 min): VX028608.D\data.ms

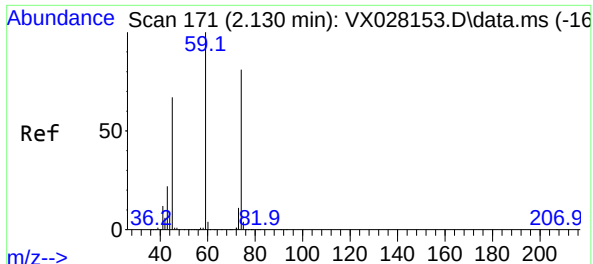


Abundance



Abundance Scan 100 (1.697 min): VX028608.D\data.ms (-48)

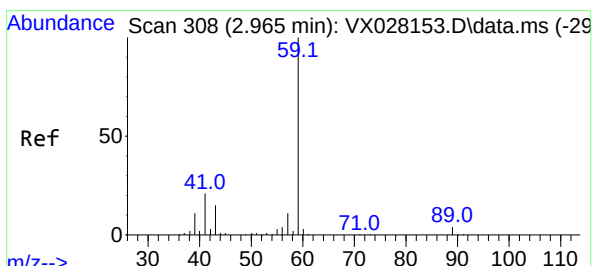
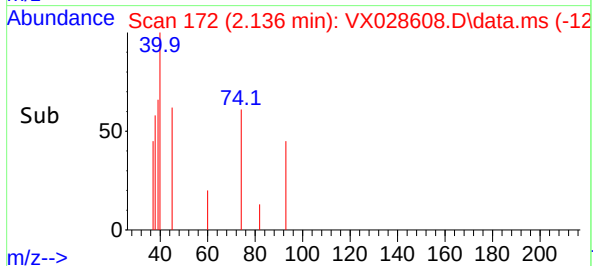
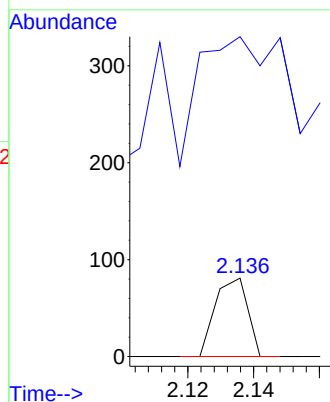
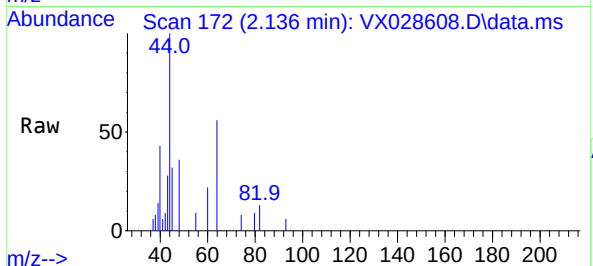




#8
Diethyl Ether
Concen: Below Cal
RT: 2.136 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

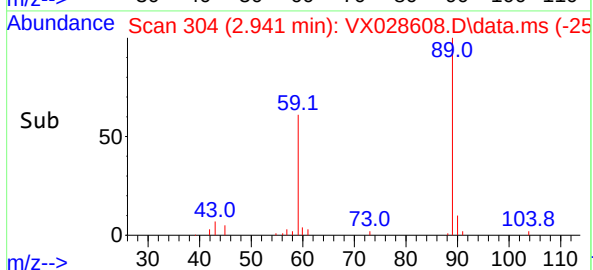
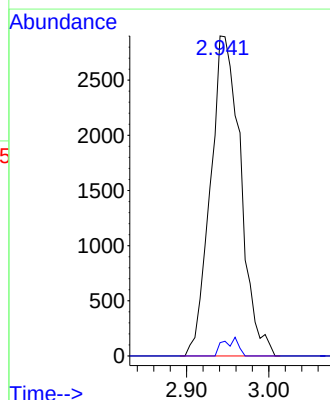
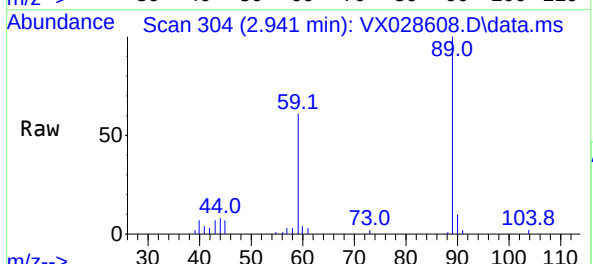
Instrument :
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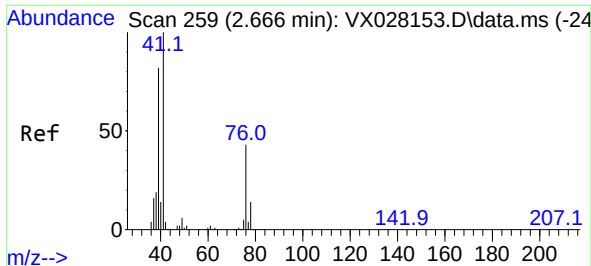
Tgt Ion: 74 Resp: 55
Ion Ratio Lower Upper
74 100
45 601.8 42.0 126.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

Tgt Ion: 59 Resp: 7397
Ion Ratio Lower Upper
59 100
57 2.9 8.3 12.5#

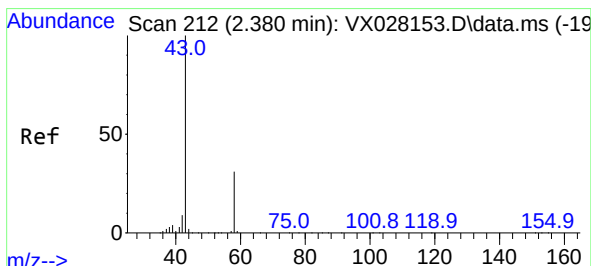
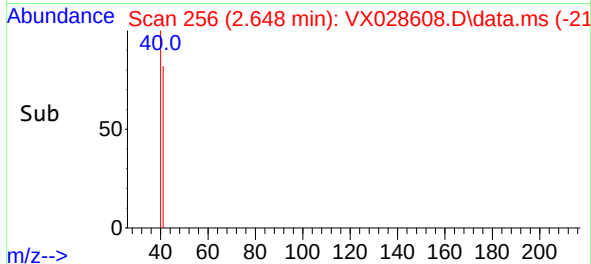
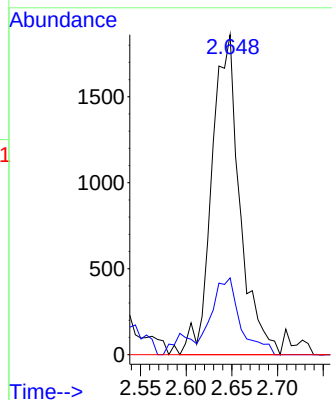
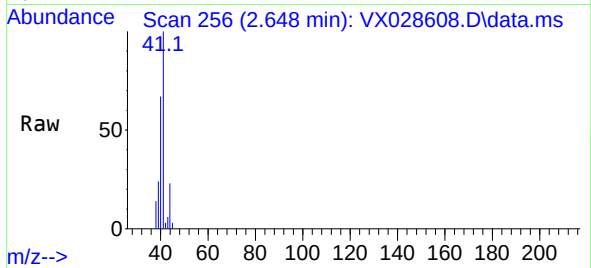




#14
 Allyl chloride
 Concen: 0.798 ug/l
 RT: 2.648 min Scan# 211
 Delta R.T. -0.018 min
 Lab File: VX028608.D
 Acq: 10 May 2022 20:38

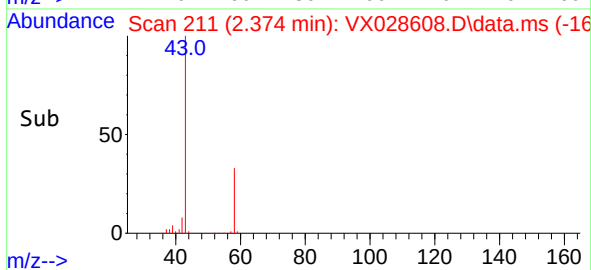
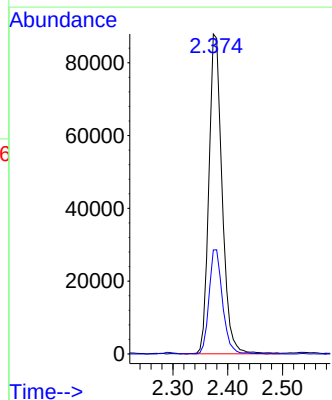
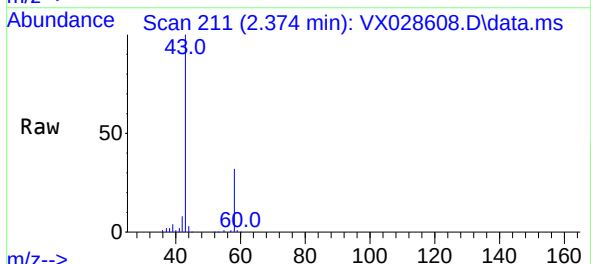
Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-210

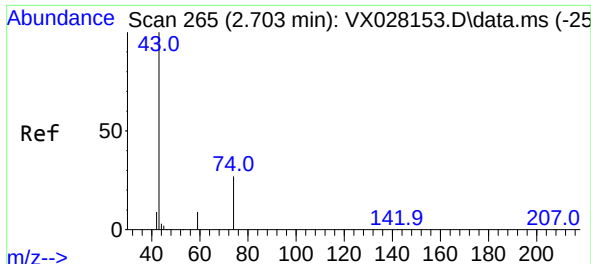
Tgt Ion: 41 Resp: 3958
 Ion Ratio Lower Upper
 41 100
 39 24.4 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 94.685 ug/l
 RT: 2.374 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VX028608.D
 Acq: 10 May 2022 20:38

Tgt Ion: 43 Resp: 146424
 Ion Ratio Lower Upper
 43 100
 58 32.4 28.8 43.2





#18

Methyl Acetate

Concen: 0.569 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX028608.D

Acq: 10 May 2022 20:38

Instrument :

MSVOA_X

ClientSampleId :

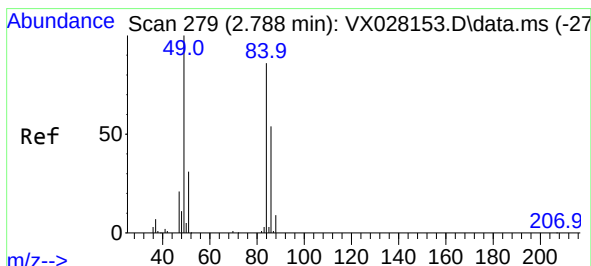
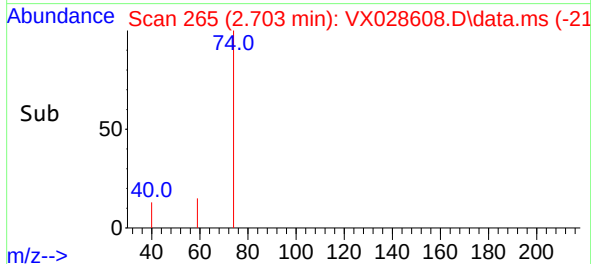
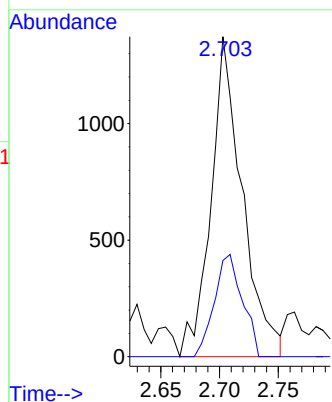
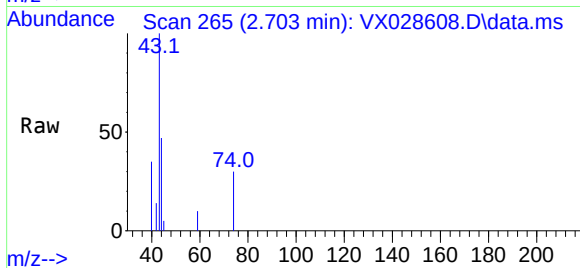
VNJ-210

Tgt Ion: 43 Resp: 2539

Ion Ratio Lower Upper

43 100

74 28.6 22.8 34.2



#20

Methylene Chloride

Concen: 3.377 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX028608.D

Acq: 10 May 2022 20:38

Tgt Ion: 84 Resp: 12570

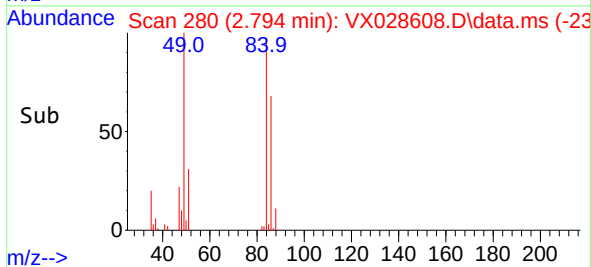
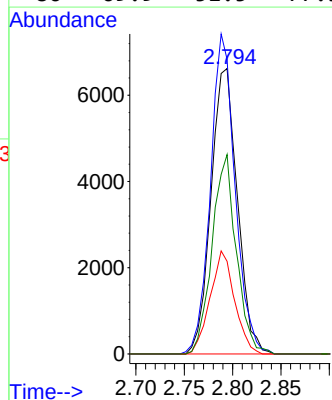
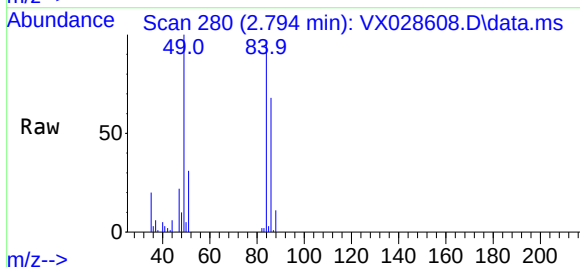
Ion Ratio Lower Upper

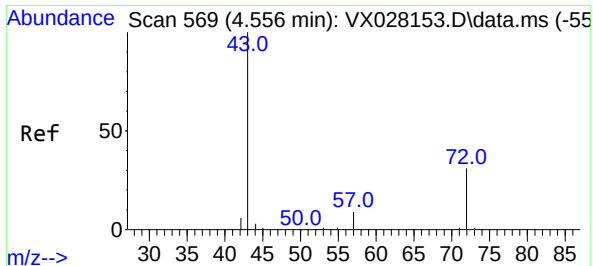
84 100

49 103.2 85.5 128.3

51 32.5 26.6 39.8

86 69.9 51.5 77.3

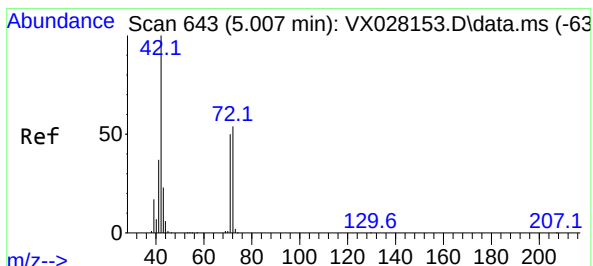
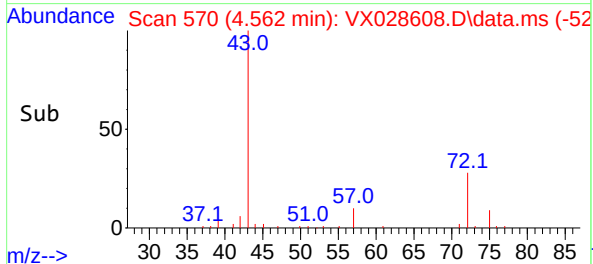
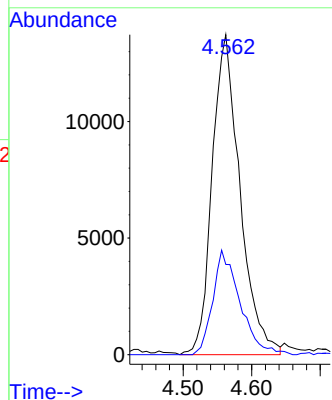
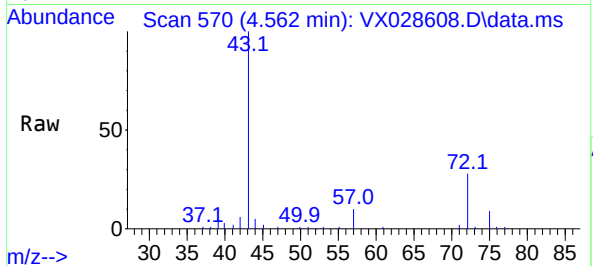




#25
2-Butanone
Concen: 13.019 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

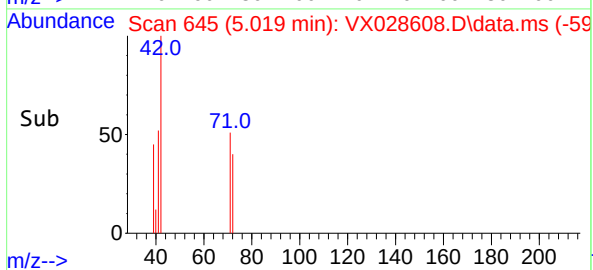
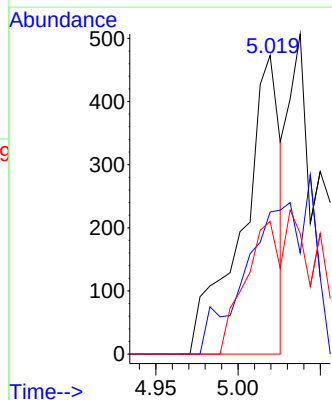
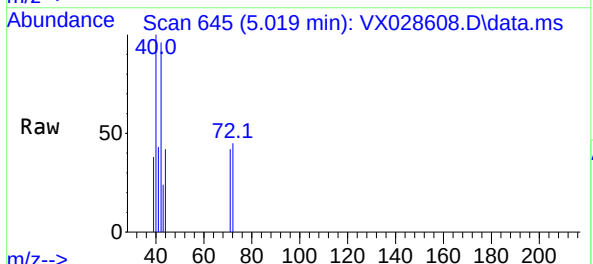
Instrument :
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VNJ-210

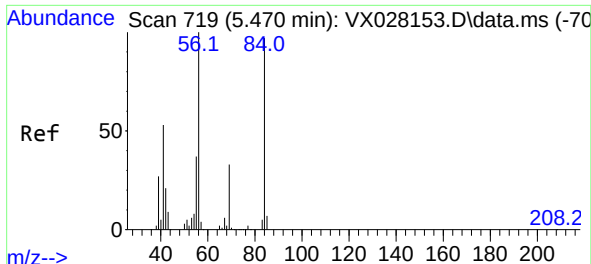
Tgt Ion: 43 Resp: 38684
Ion Ratio Lower Upper
43 100
72 28.2 24.4 36.6



#29
Tetrahydrofuran
Concen: 0.394 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.012 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

Tgt Ion: 42 Resp: 763
Ion Ratio Lower Upper
42 100
72 0.0 44.1 66.1#
71 40.5 40.5 60.7

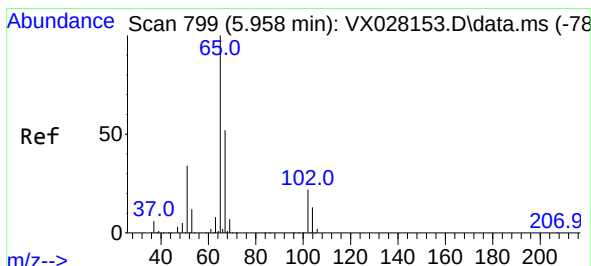
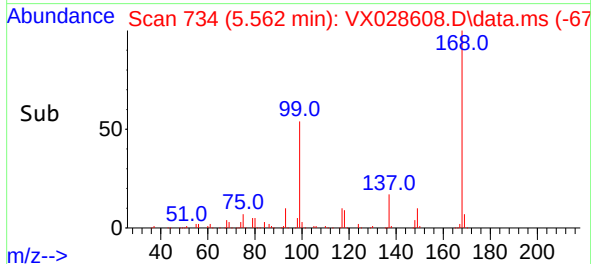
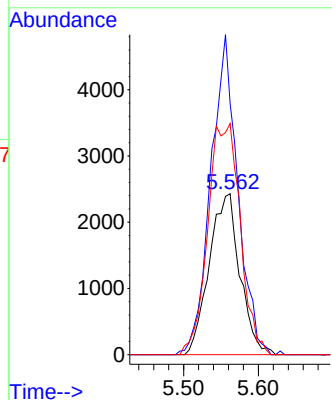
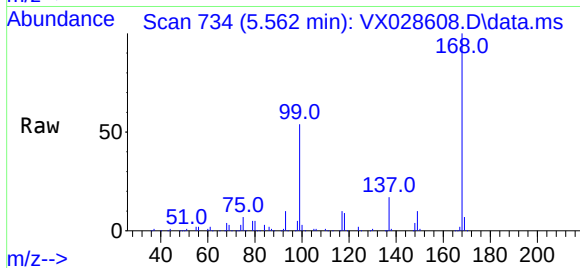




#31
Cyclohexane
Concen: 1.134 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

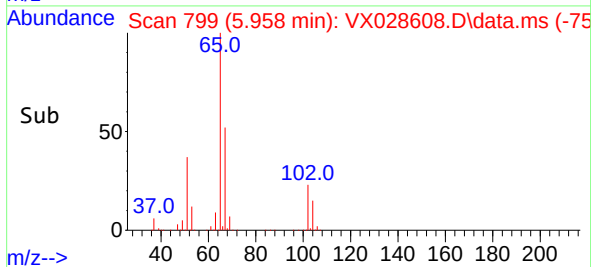
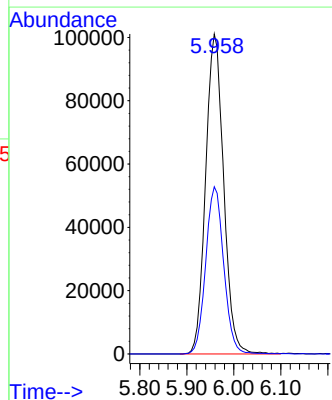
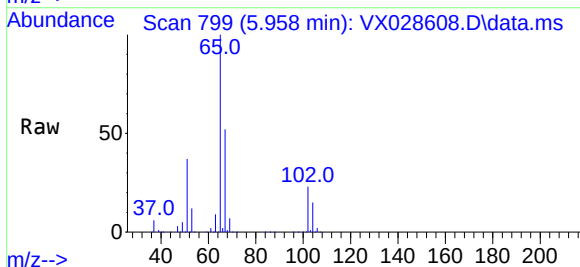
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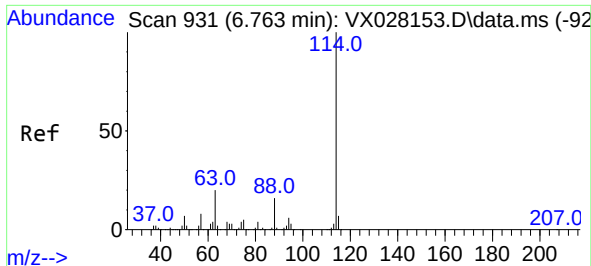
Tgt Ion: 56 Resp: 6932
Ion Ratio Lower Upper
56 100
69 153.8 26.7 40.1#
84 143.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 53.589 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

Tgt Ion: 65 Resp: 268864
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.4

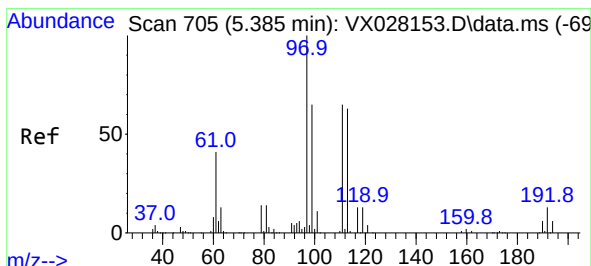
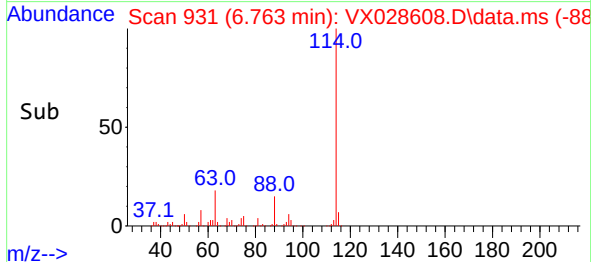
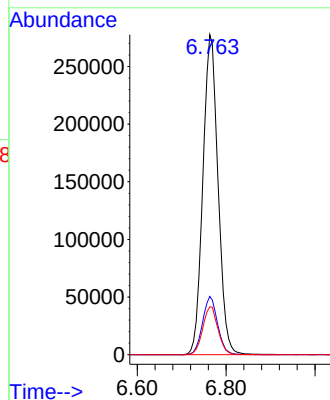
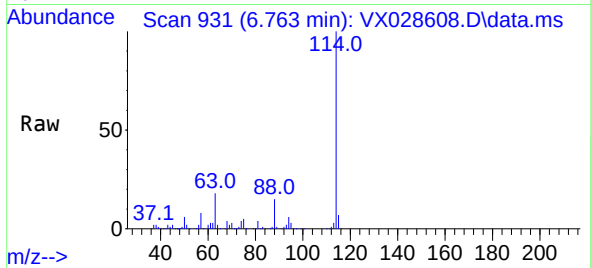




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

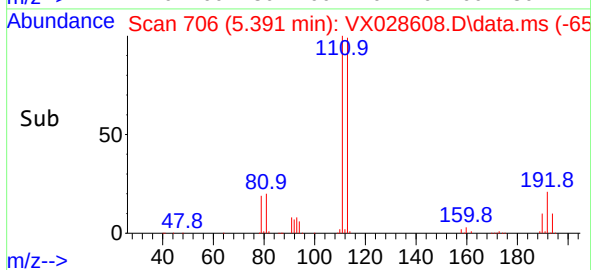
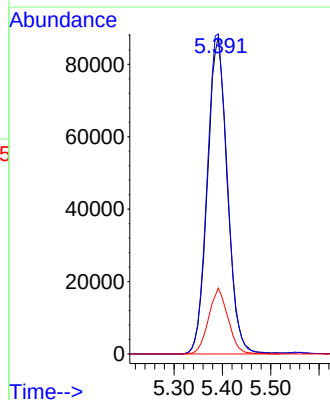
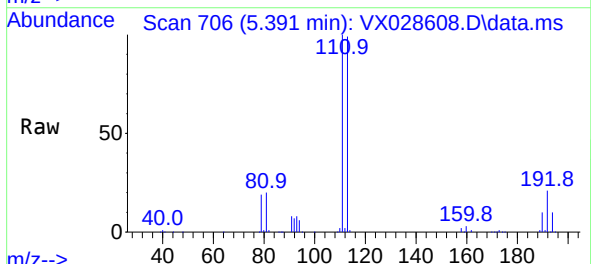
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

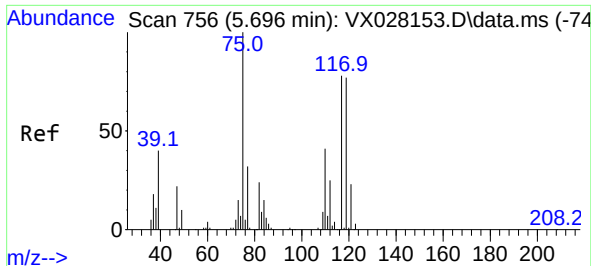
Tgt Ion:114 Resp: 660556
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.8
88 15.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.814 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

Tgt Ion:113 Resp: 249291
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 20.3 16.9 25.3

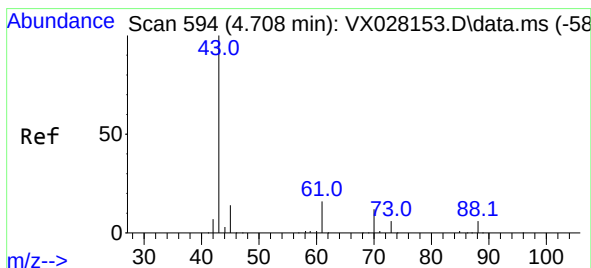
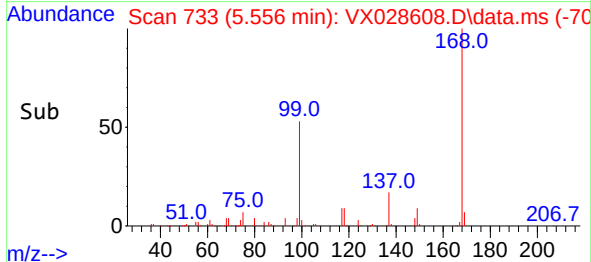
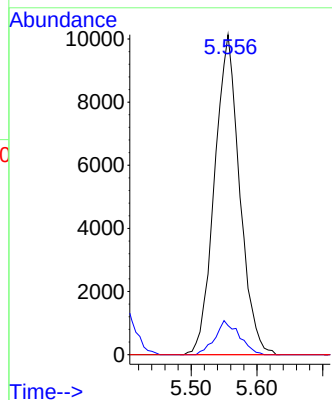
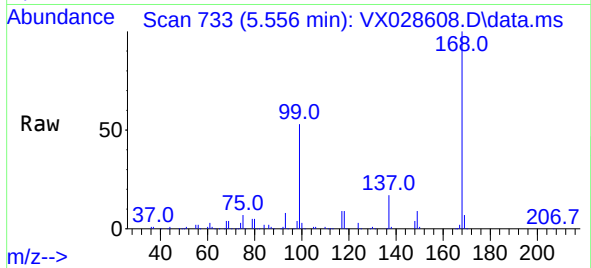




#36
1,1-Dichloropropene
Concen: 4.455 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

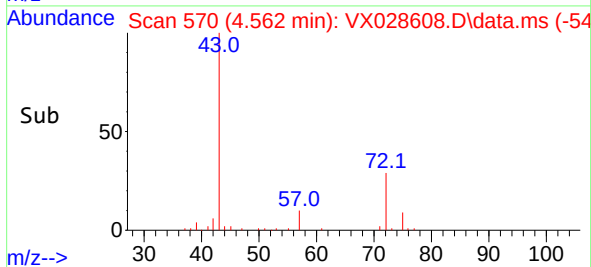
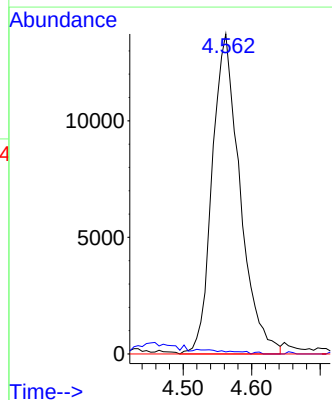
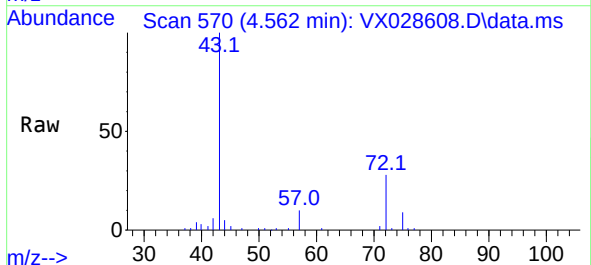
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

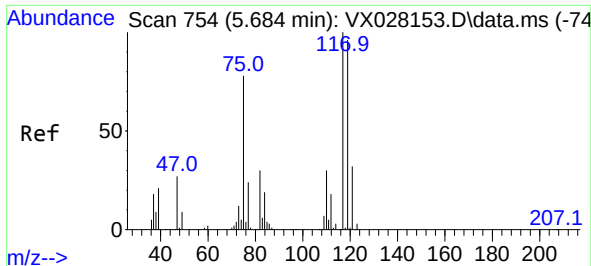
Tgt Ion: 75 Resp: 26918
Ion Ratio Lower Upper
75 100
110 10.2 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 6.309 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.146 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

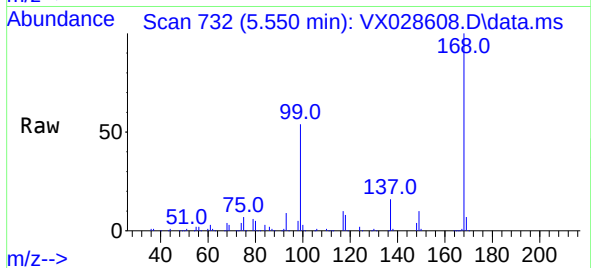
Tgt Ion: 43 Resp: 38684
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 10.2 15.2#



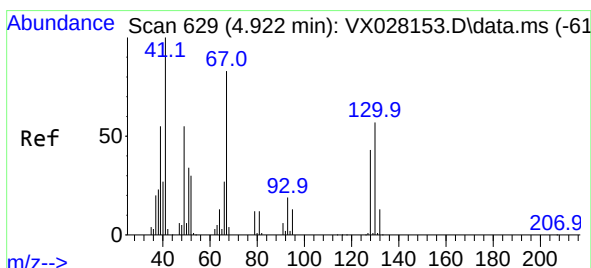
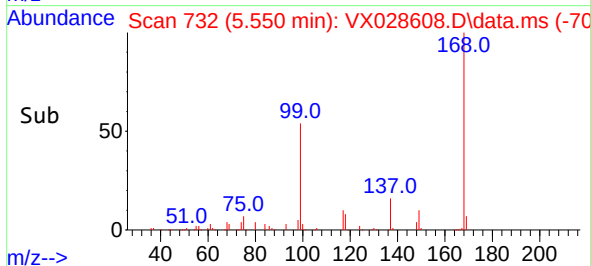
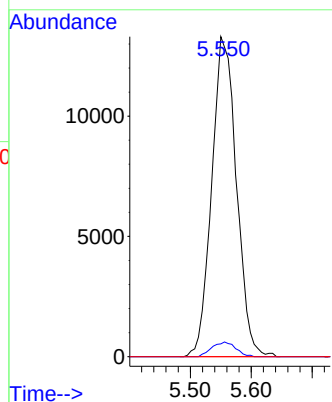


#38
Carbon Tetrachloride
Concen: 5.502 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

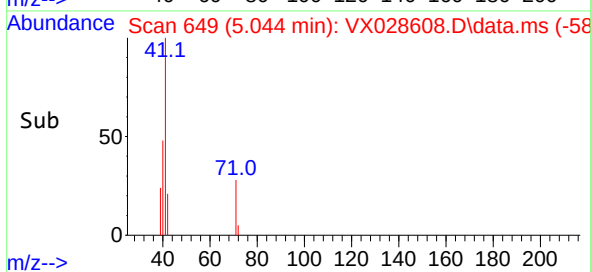
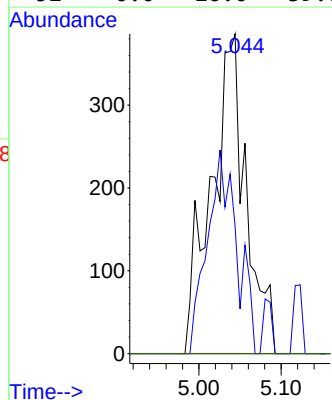
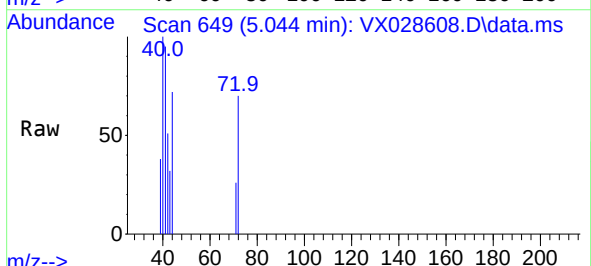


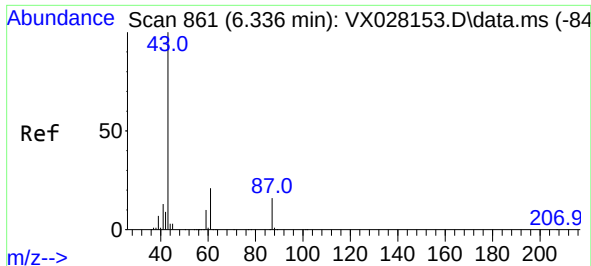
Tgt Ion:117 Resp: 37534
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 0.358 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.122 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

Tgt Ion: 41 Resp: 1133
Ion Ratio Lower Upper
41 100
39 54.1 43.0 64.4
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

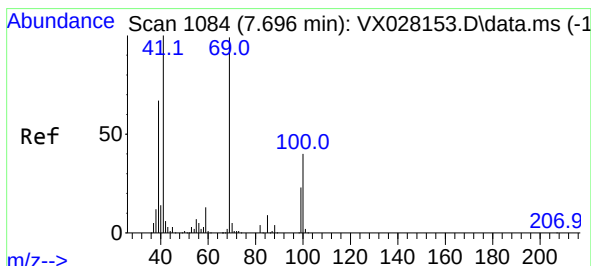
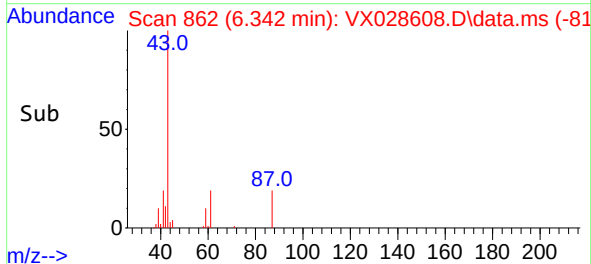
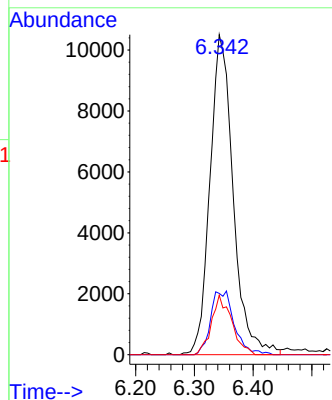
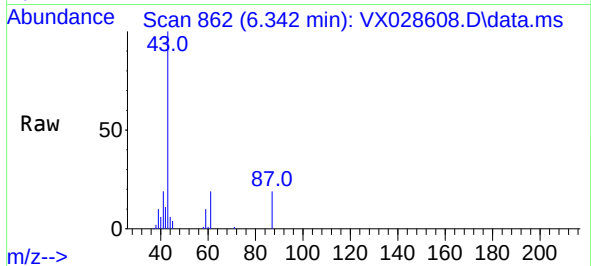




#43
Isopropyl Acetate
Concen: 2.892 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

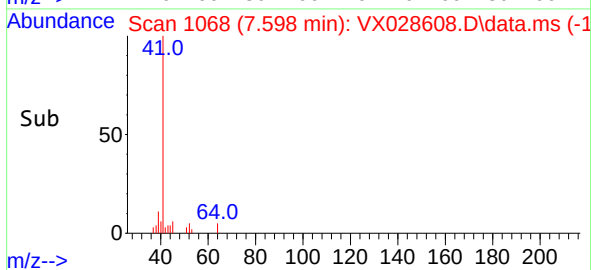
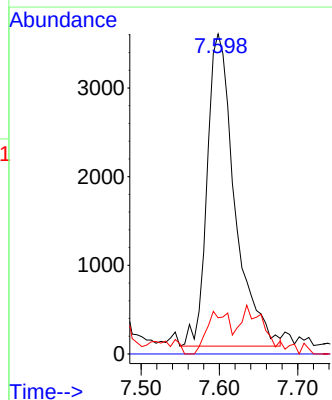
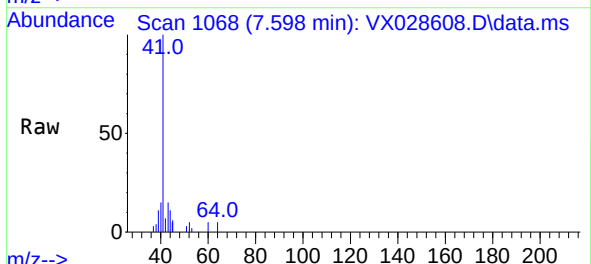
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

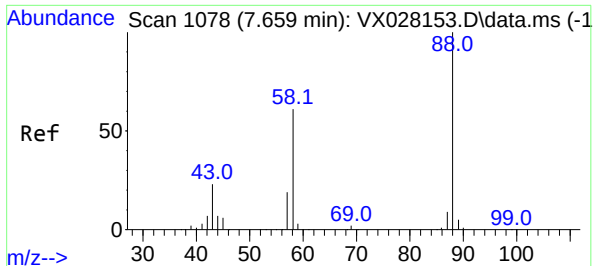
Tgt Ion: 43 Resp: 28858
Ion Ratio Lower Upper
43 100
61 20.2 18.5 27.7
87 16.2 13.0 19.6



#48
Methyl methacrylate
Concen: 1.882 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

Tgt Ion: 41 Resp: 8624
Ion Ratio Lower Upper
41 100
69 0.0 82.5 123.7#
39 0.0 43.8 65.8#





#49

1,4-Dioxane

Concen: 1.640 ug/l

RT: 7.671 min Scan# 1078

Delta R.T. 0.012 min

Lab File: VX028608.D

Acq: 10 May 2022 20:38

Instrument :

MSVOA_X

ClientSampleId :

VNJ-210

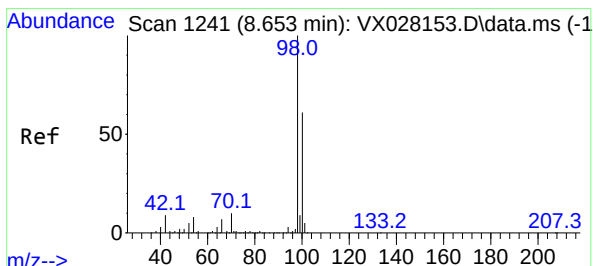
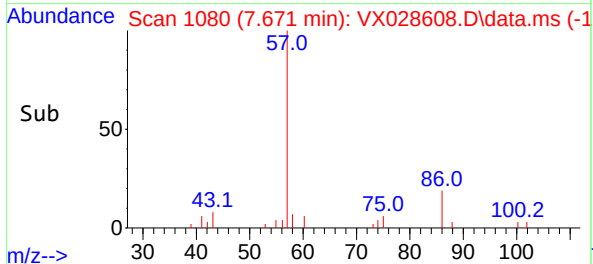
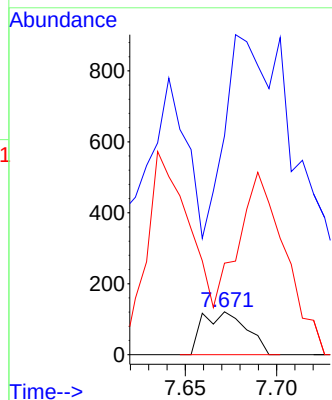
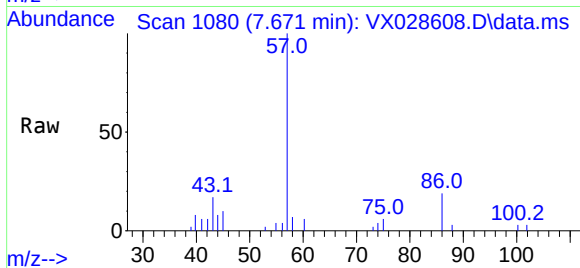
Tgt Ion: 88 Resp: 201

Ion Ratio Lower Upper

88 100

43 0.0 21.9 32.9#

58 483.6 53.7 80.5#



#50

Toluene-d8

Concen: 51.510 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028608.D

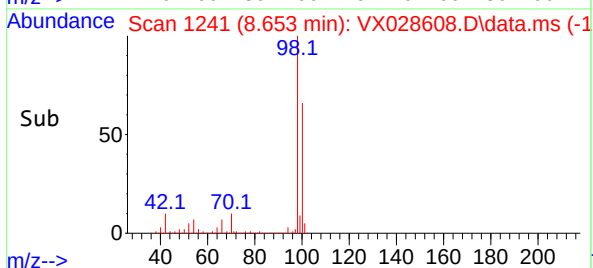
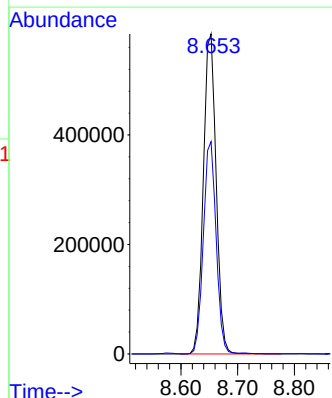
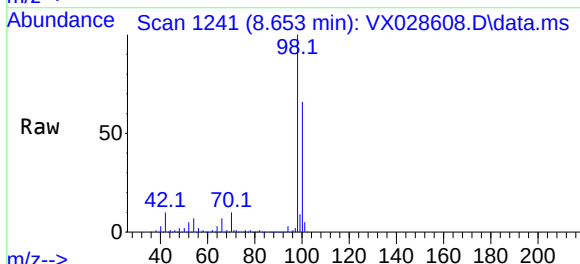
Acq: 10 May 2022 20:38

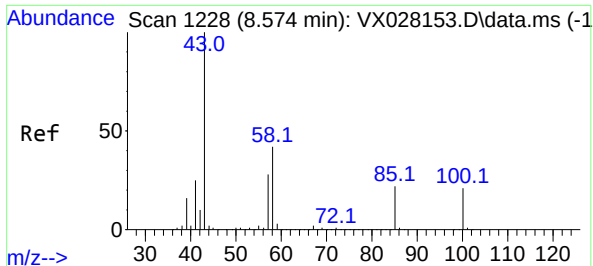
Tgt Ion: 98 Resp: 916483

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8

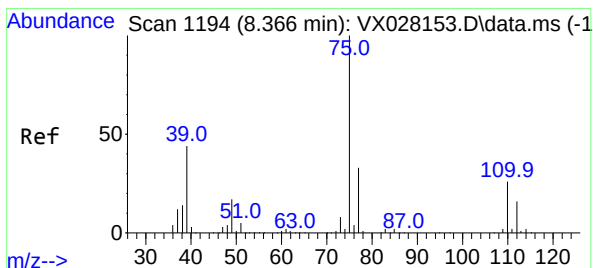
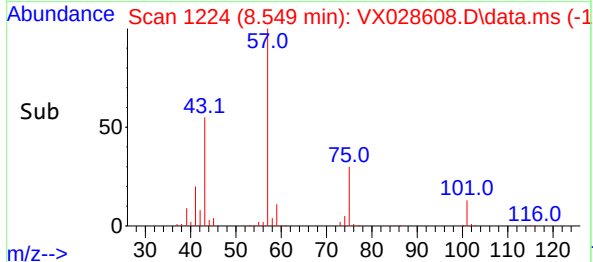
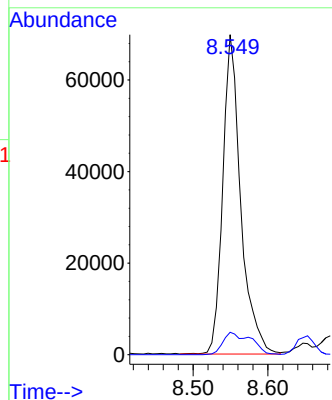
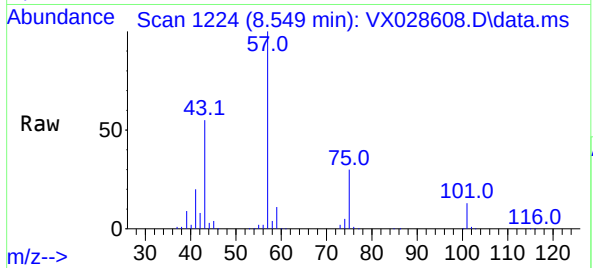




#51
4-Methyl-2-Pentanone
Concen: 18.226 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

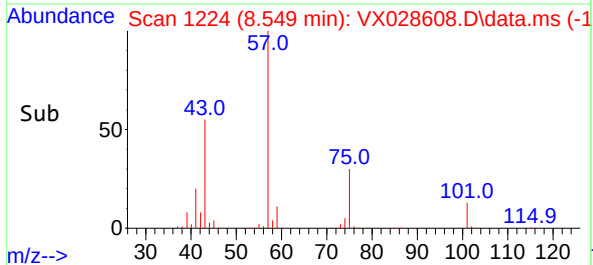
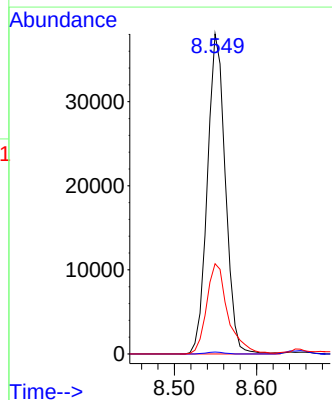
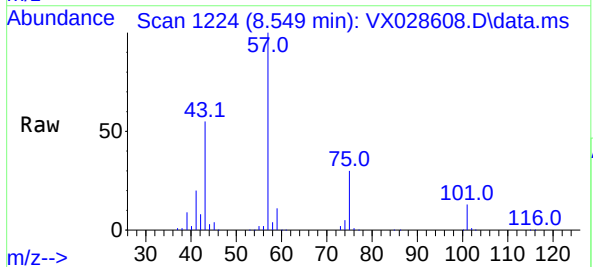
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

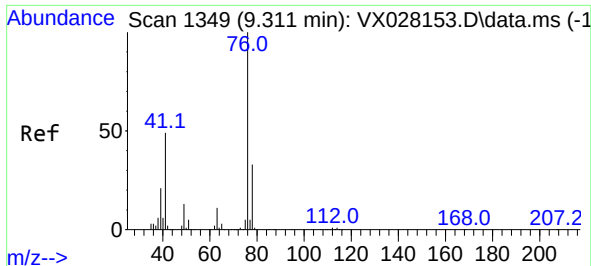
Tgt Ion: 43 Resp: 116710
Ion Ratio Lower Upper
43 100
58 11.0 36.1 54.1#



#54
cis-1,3-Dichloropropene
Concen: 7.784 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

Tgt Ion: 75 Resp: 57989
Ion Ratio Lower Upper
75 100
77 0.6 24.8 37.2#
39 28.2 29.6 44.4#

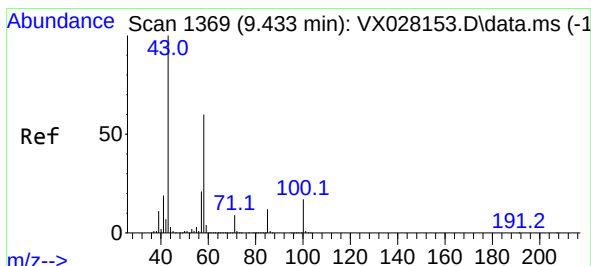
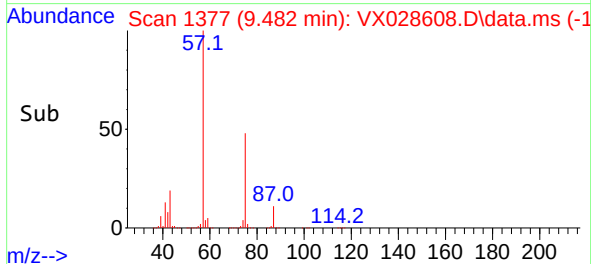
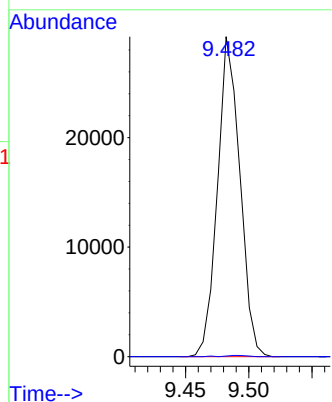
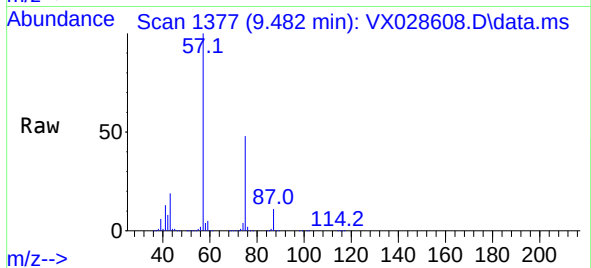




#57
1,3-Dichloropropane
Concen: 4.456 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

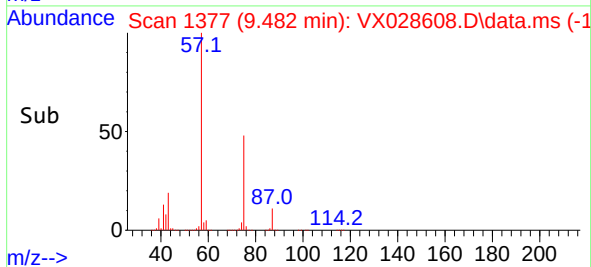
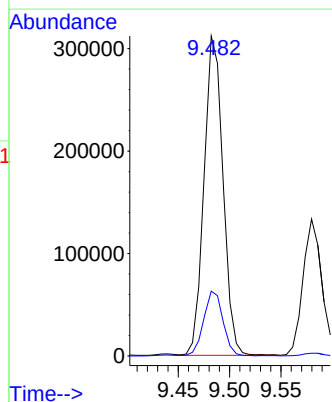
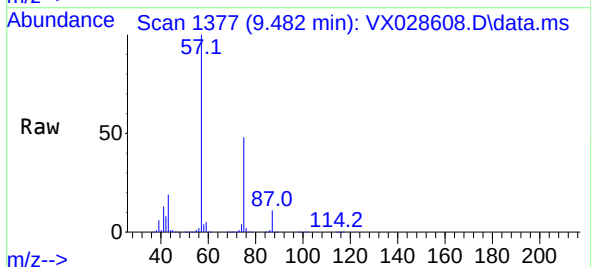
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

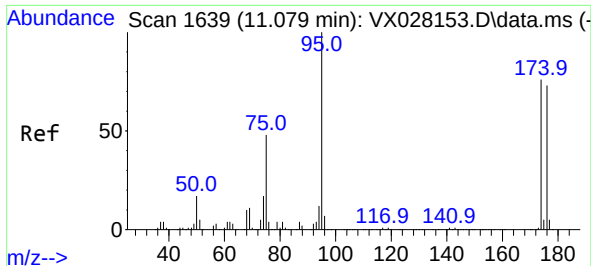
Tgt Ion: 76 Resp: 35912
Ion Ratio Lower Upper
76 100
78 0.4 25.8 38.8#



#59
2-Hexanone
Concen: 80.911 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

Tgt Ion: 43 Resp: 401339
Ion Ratio Lower Upper
43 100
58 20.5 31.9 95.7#

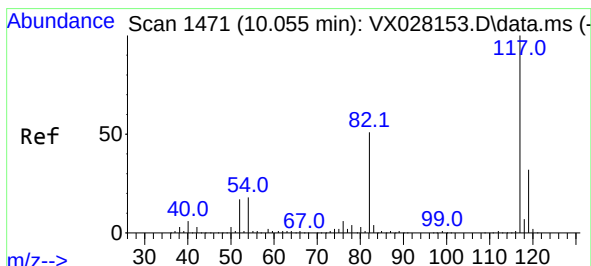
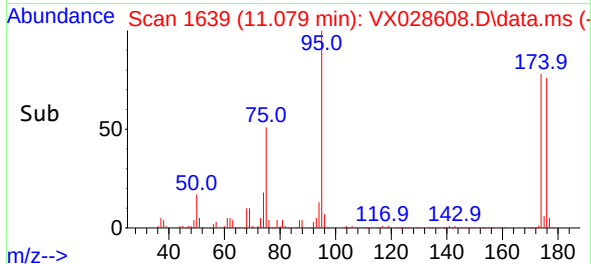
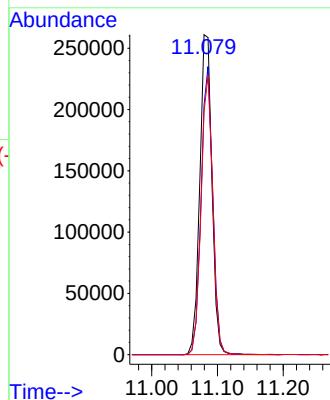
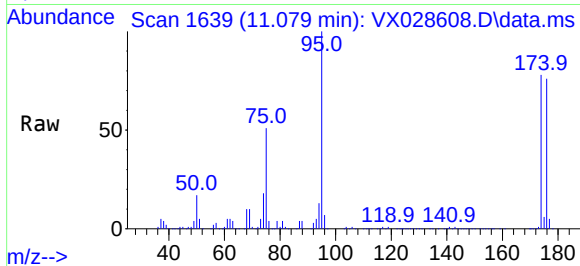




#62
4-Bromofluorobenzene
Concen: 49.348 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

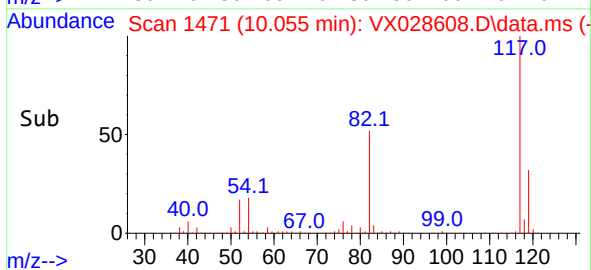
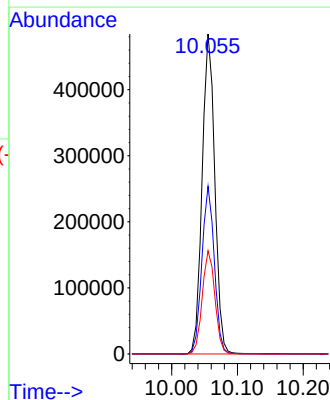
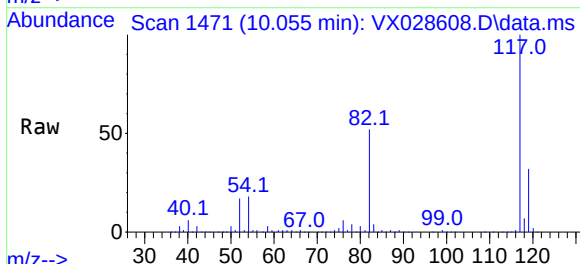
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

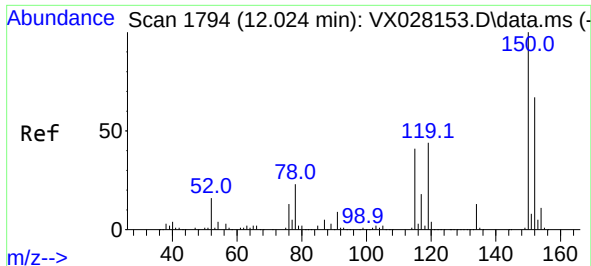
Tgt Ion: 95 Resp: 335716
Ion Ratio Lower Upper
95 100
174 86.3 0.0 163.0
176 84.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

Tgt Ion: 117 Resp: 648511
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.8
119 32.2 24.8 37.2

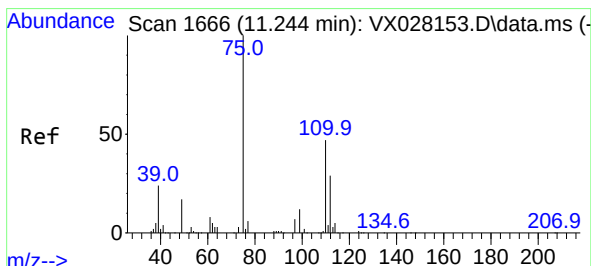
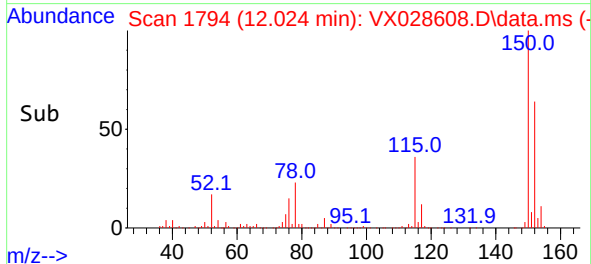
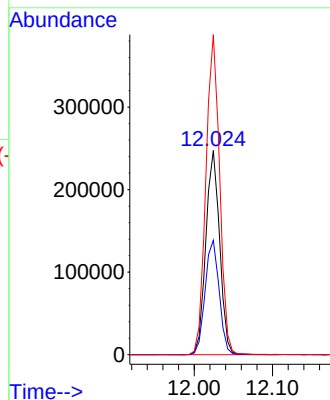
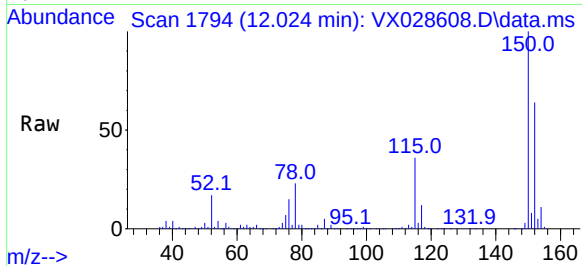




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

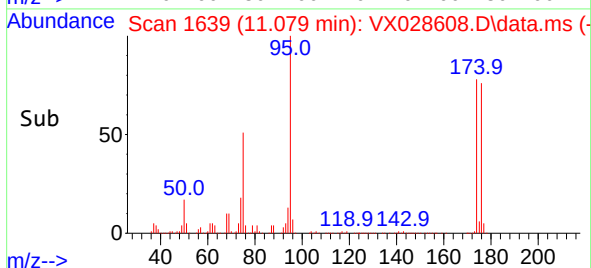
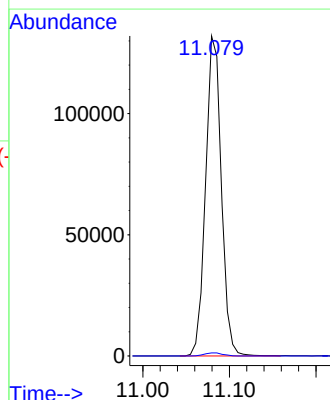
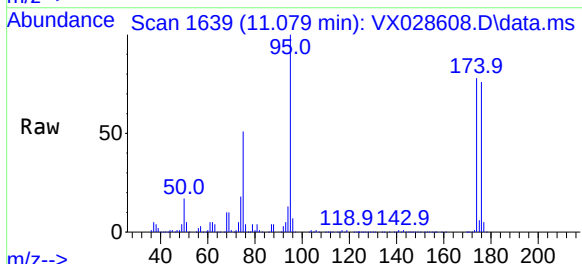
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

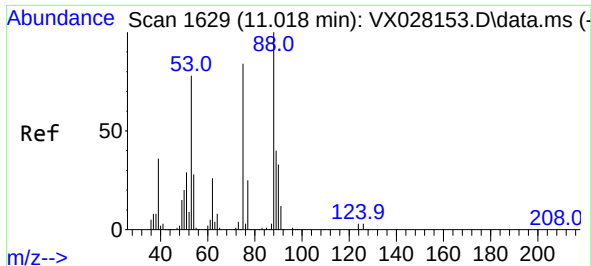
Tgt Ion:152 Resp: 302512
Ion Ratio Lower Upper
152 100
115 57.1 37.5 112.7
150 155.9 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 27.949 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

Tgt Ion: 75 Resp: 166399
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#

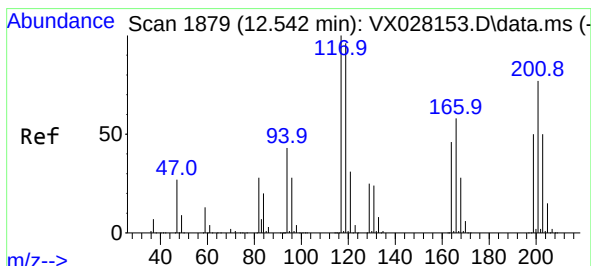
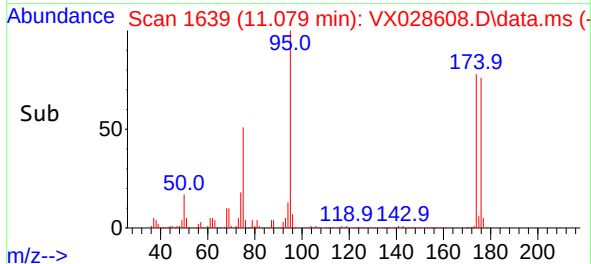
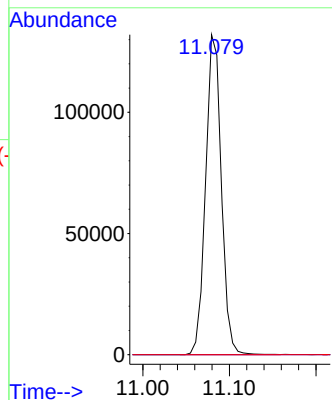
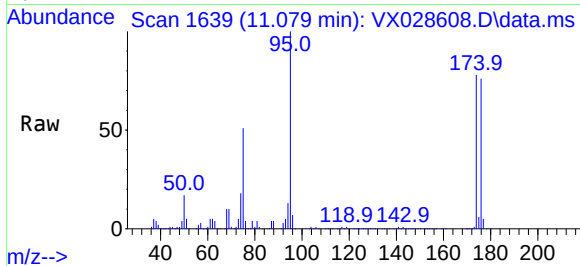




#81
trans-1,4-Dichloro-2-butene
Concen: 83.057 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

Tgt Ion: 75 Resp: 166399
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 1.822 ug/l
RT: 12.640 min Scan# 1895
Delta R.T. 0.098 min
Lab File: VX028608.D
Acq: 10 May 2022 20:38

Tgt Ion: 117 Resp: 28
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

