

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032724\
 Data File : VX040809.D
 Acq On : 27 Mar 2024 13:38
 Operator : JC/MD
 Sample : P1830-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-226

Quant Time: Mar 28 03:54:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:44:48 2024
 Response via : Initial Calibration

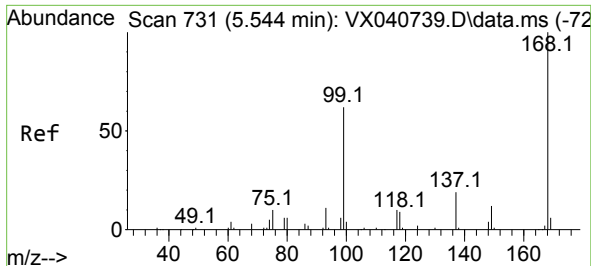
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	43628	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	78871	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	77278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	36783	50.141	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.280%
35) Dibromofluoromethane	5.385	113	26923	45.620	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.240%
50) Toluene-d8	8.647	98	100886	49.925	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.860%
62) 4-Bromofluorobenzene	11.079	95	37551	47.035	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.060%
Target Compounds						
					Qvalue	
6) Chloroethane	1.703	64	128	0.333	ug/l #	43
11) Tert butyl alcohol	2.946	59	674	5.738	ug/l #	78
16) Acetone	2.379	43	29944	115.241	ug/l	99
18) Methyl Acetate	2.709	43	523	0.751	ug/l #	84
20) Methylene Chloride	2.794	84	2450	4.314	ug/l	91
25) 2-Butanone	4.568	43	3548	8.718	ug/l	95
29) Tetrahydrofuran	5.038	42	81	0.299	ug/l #	77
31) Cyclohexane	5.556	56	1216	1.395	ug/l #	50
36) 1,1-Dichloropropene	5.550	75	4087	4.703	ug/l #	47
37) Ethyl Acetate	4.727	43	945	0.958	ug/l #	69
38) Carbon Tetrachloride	5.550	117	4769	4.876	ug/l #	15
43) Isopropyl Acetate	6.342	43	23553	15.201	ug/l	96
48) Methyl methacrylate	7.635	41	465	0.657	ug/l #	11
51) 4-Methyl-2-Pentanone	8.549	43	20577	21.414	ug/l #	46
54) cis-1,3-Dichloropropene	8.543	75	7104	7.288	ug/l #	66
57) 1,3-Dichloropropane	9.482	76	673	0.677	ug/l #	42
59) 2-Hexanone	9.482	43	10125	13.602	ug/l #	50
76) 1,2,3-Trichloropropane	11.079	75	21872	25.786	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	21872	65.234	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	226	0.234	ug/l #	86

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

Quant Time: Mar 28 03:54:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:44:48 2024
Response via : Initial Calibration

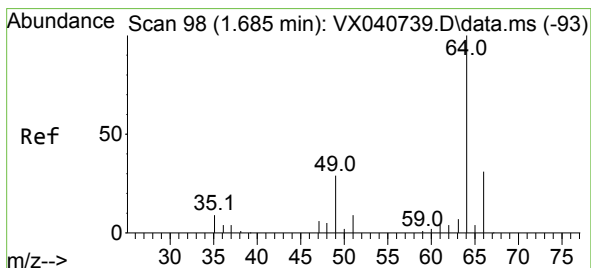
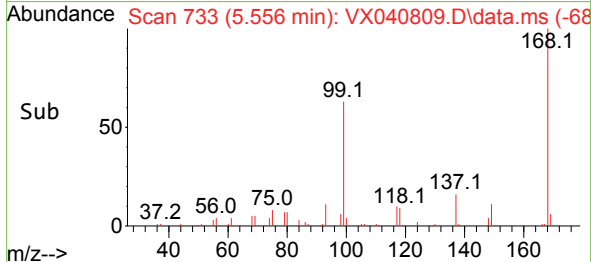
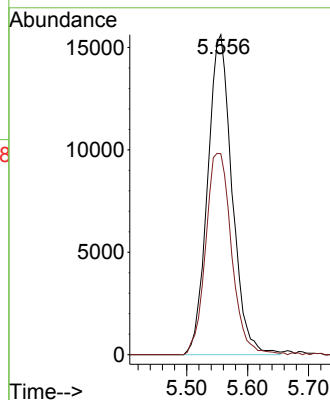
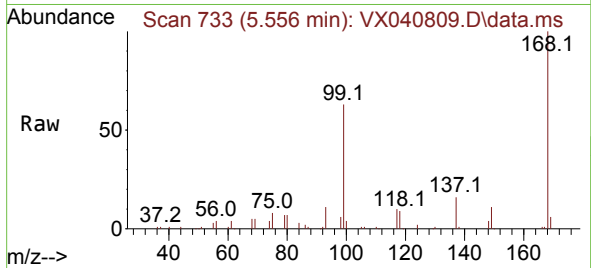




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

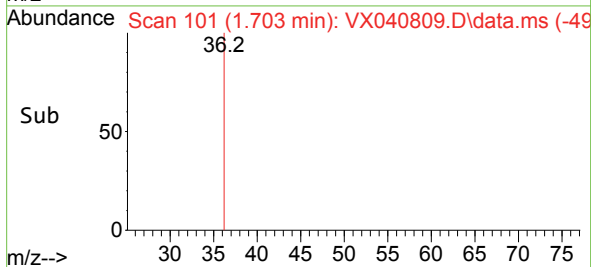
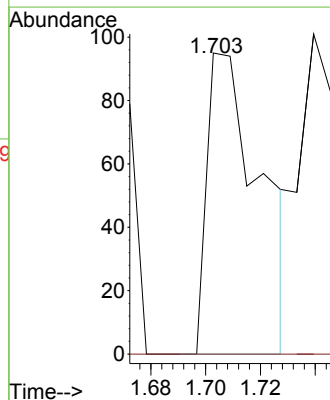
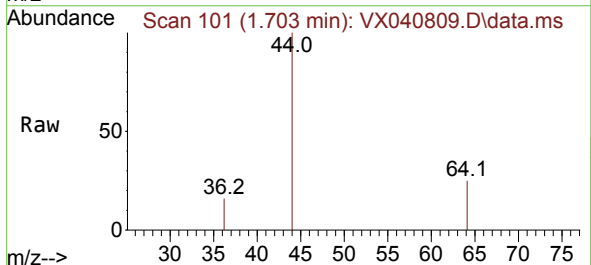
Instrument :
MSVOA_X
ClientSampleId :
VNJ-226

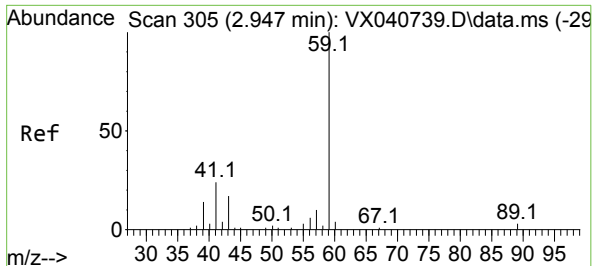
Tgt Ion:168 Resp: 43628
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0



#6
Chloroethane
Concen: 0.333 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

Tgt Ion: 64 Resp: 128
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 5.738 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.001 min

Lab File: VX040809.D

Acq: 27 Mar 2024 13:38

Instrument :

MSVOA_X

ClientSampleId :

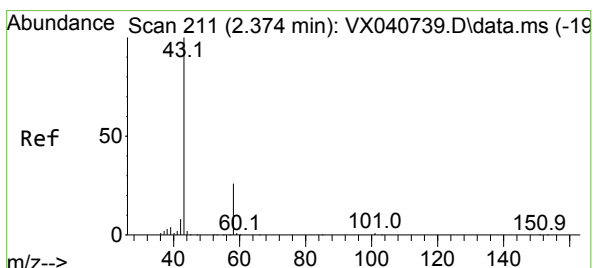
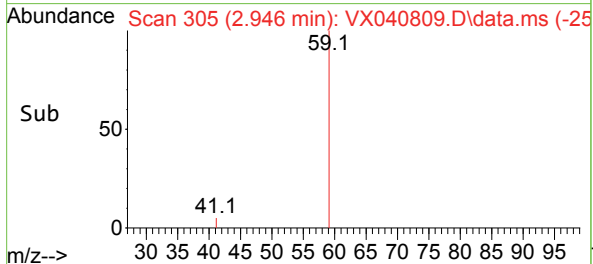
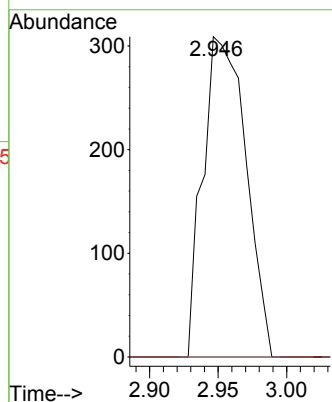
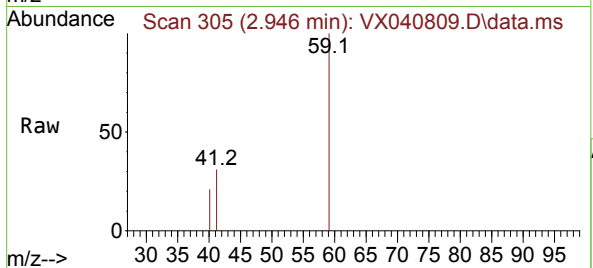
VNJ-226

Tgt Ion: 59 Resp: 674

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 115.241 ug/l

RT: 2.379 min Scan# 212

Delta R.T. 0.005 min

Lab File: VX040809.D

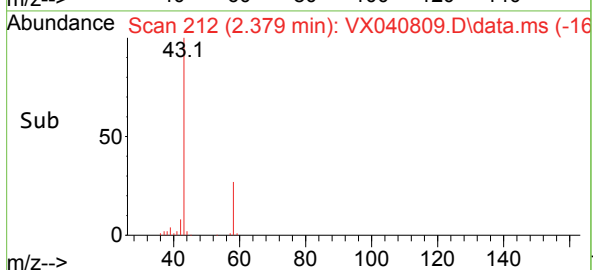
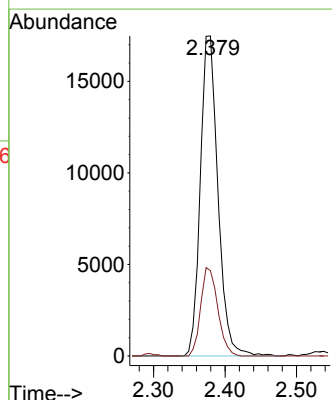
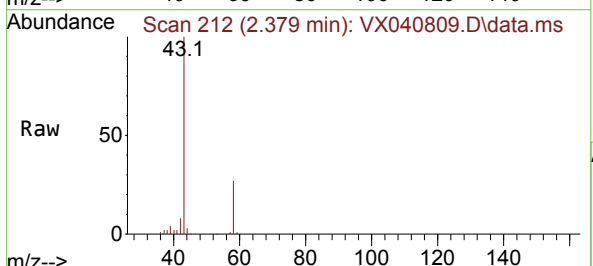
Acq: 27 Mar 2024 13:38

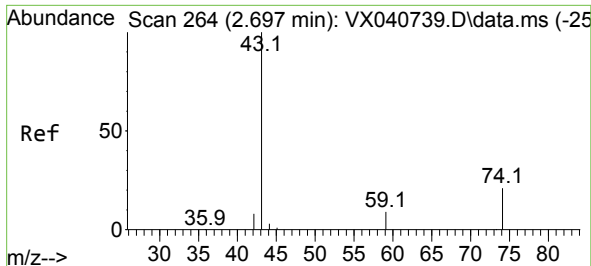
Tgt Ion: 43 Resp: 29944

Ion Ratio Lower Upper

43 100

58 26.7 21.9 32.9

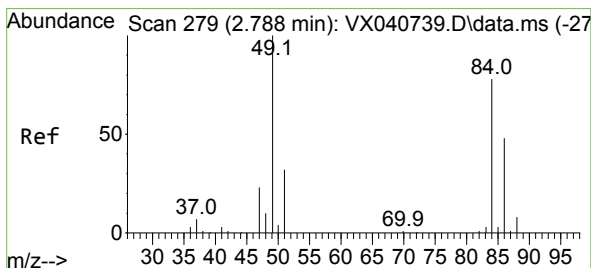
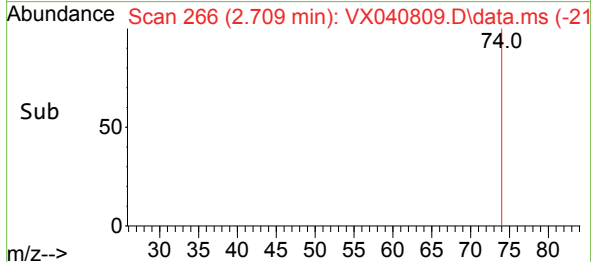
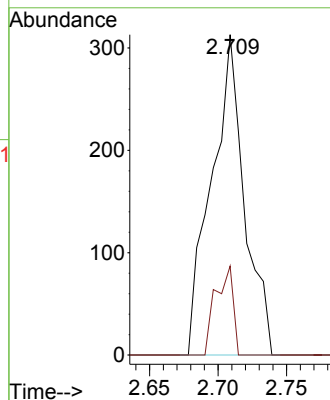
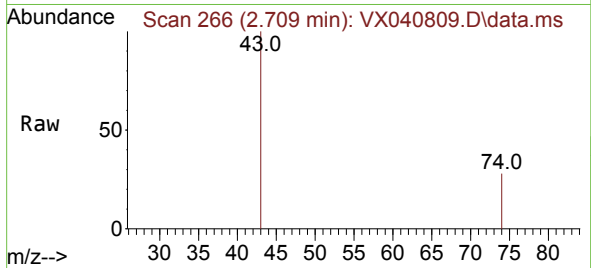




#18
Methyl Acetate
Concen: 0.751 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

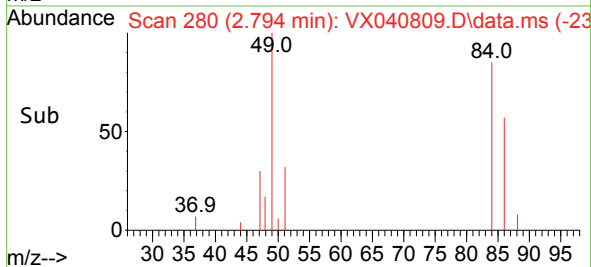
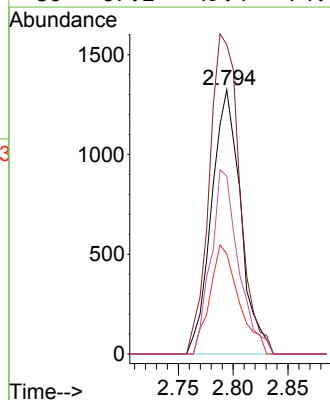
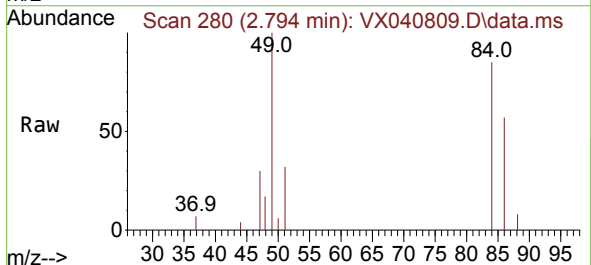
Instrument :
MSVOA_X
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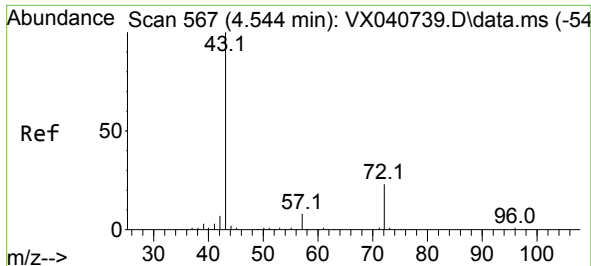
Tgt Ion: 43 Resp: 523
Ion Ratio Lower Upper
43 100
74 14.7 17.8 26.8#



#20
Methylene Chloride
Concen: 4.314 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

Tgt Ion: 84 Resp: 2450
Ion Ratio Lower Upper
84 100
49 117.1 103.6 155.4
51 37.9 33.8 50.6
86 67.2 49.4 74.0

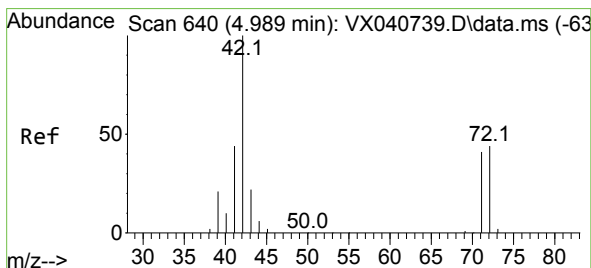
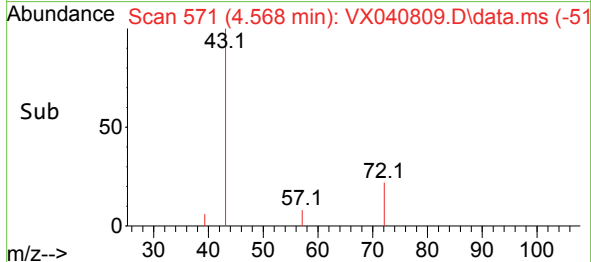
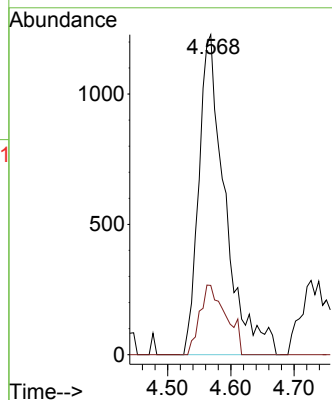
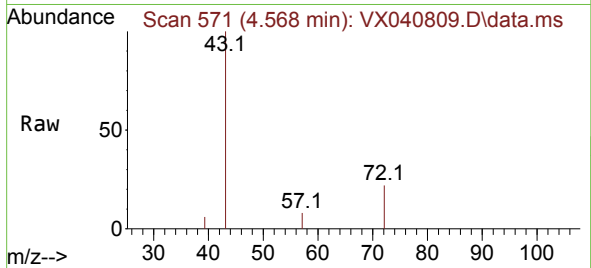




#25
2-Butanone
Concen: 8.718 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

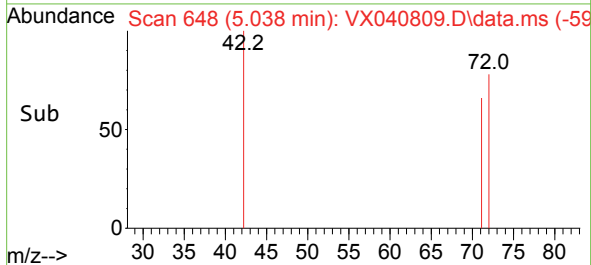
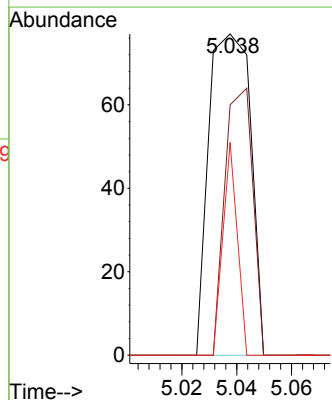
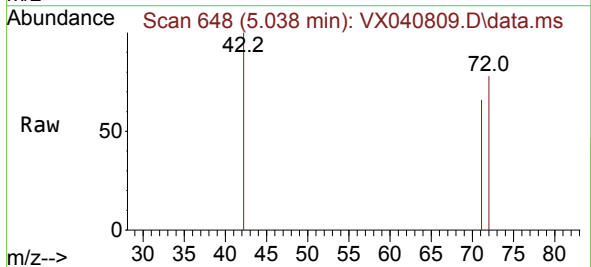
Instrument :
MSVOA_X
ClientSampleId :
VNJ-226

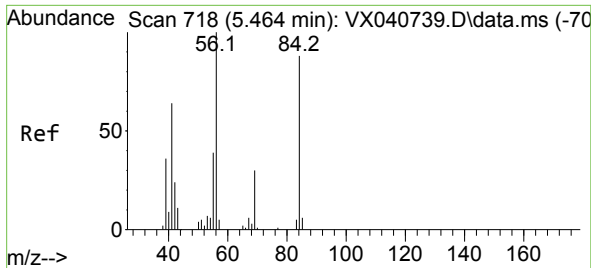
Tgt Ion: 43 Resp: 3548
Ion Ratio Lower Upper
43 100
72 21.7 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.299 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.049 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

Tgt Ion: 42 Resp: 81
Ion Ratio Lower Upper
42 100
72 55.6 34.2 51.4#
71 23.5 32.2 48.2#

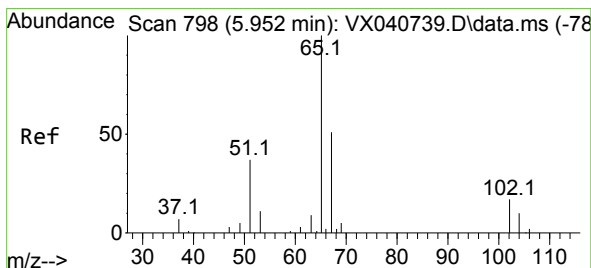
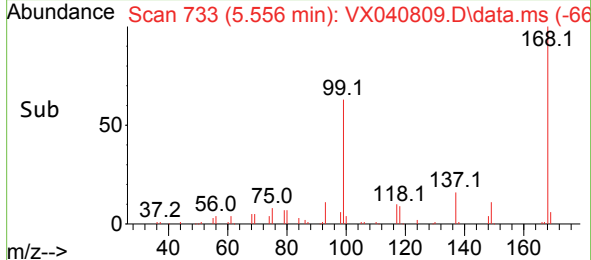
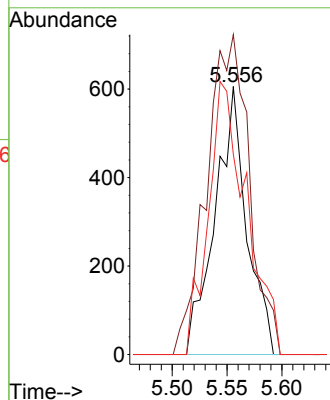
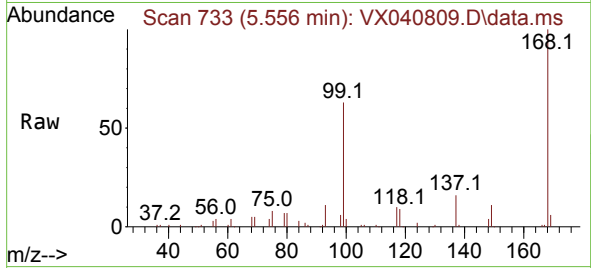




#31
Cyclohexane
Concen: 1.395 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

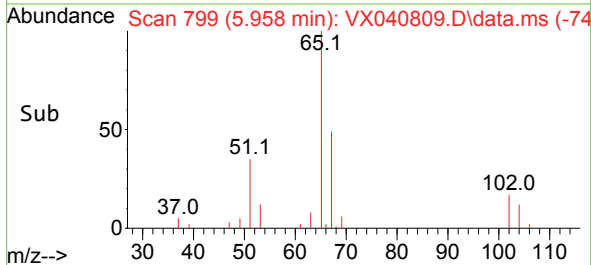
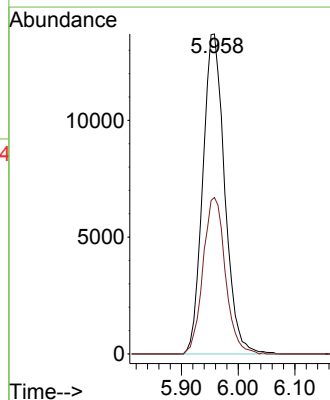
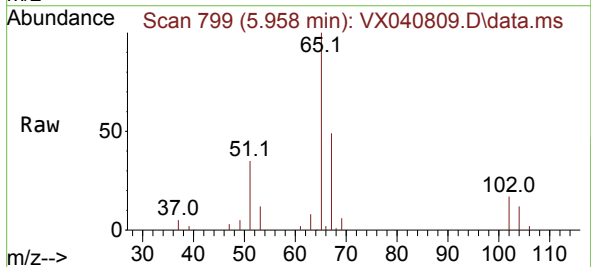
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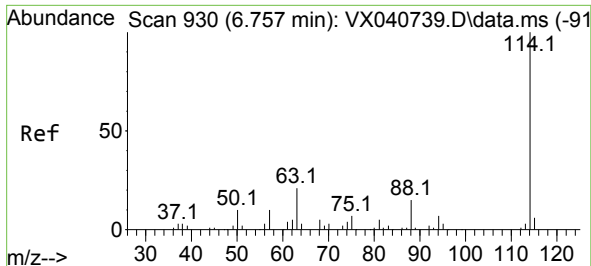
Tgt Ion: 56 Resp: 1216
Ion Ratio Lower Upper
56 100
69 119.3 23.4 35.2#
84 74.8 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 50.141 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

Tgt Ion: 65 Resp: 36783
Ion Ratio Lower Upper
65 100
67 49.9 0.0 100.2

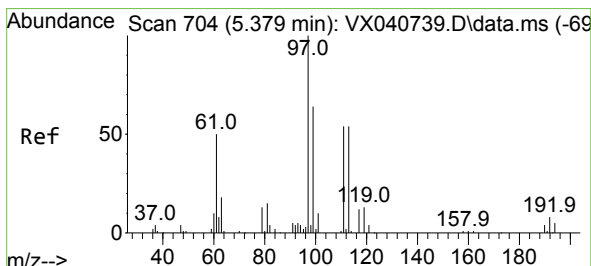
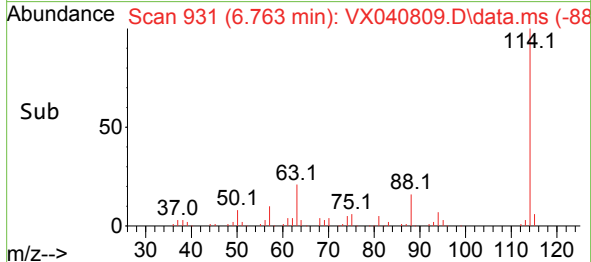
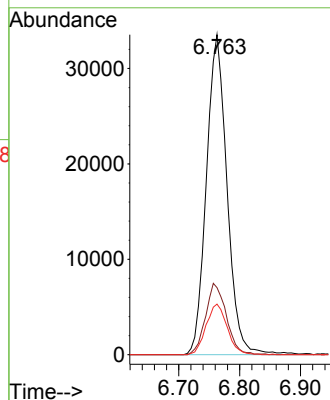
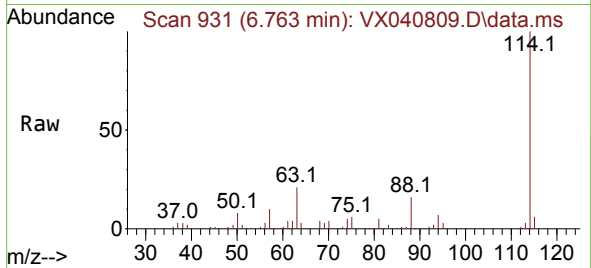




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

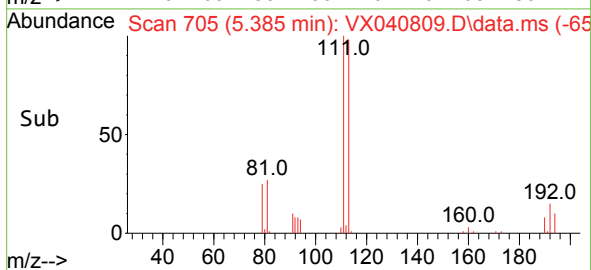
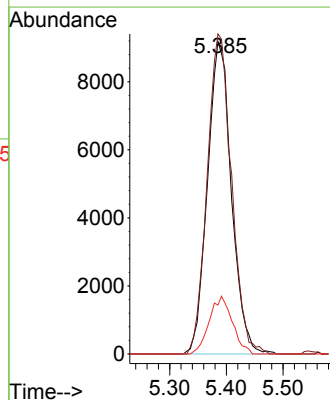
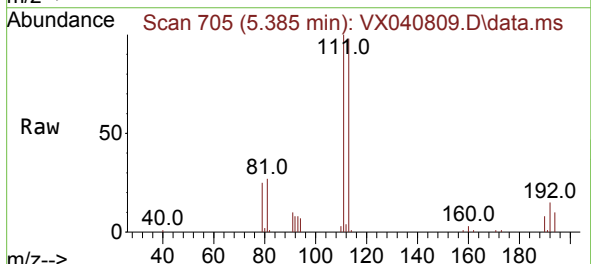
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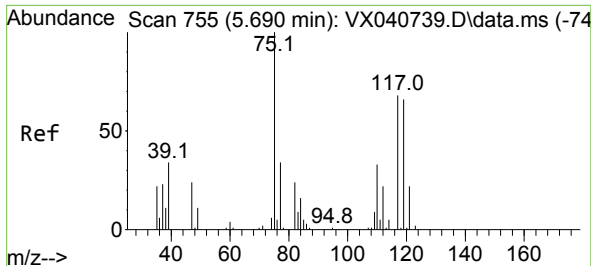
Tgt Ion:114 Resp: 78871
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.620 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

Tgt Ion:113 Resp: 26923
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 17.8 13.3 19.9

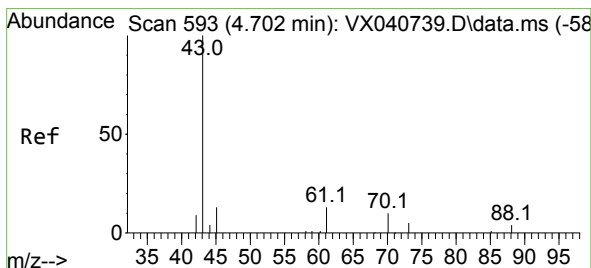
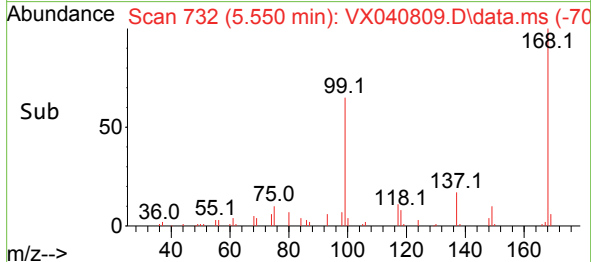
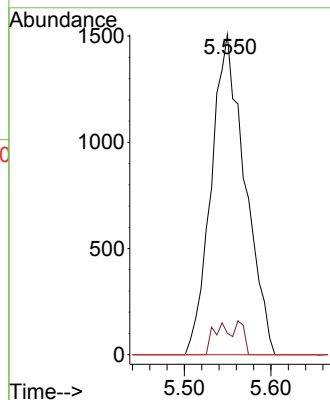
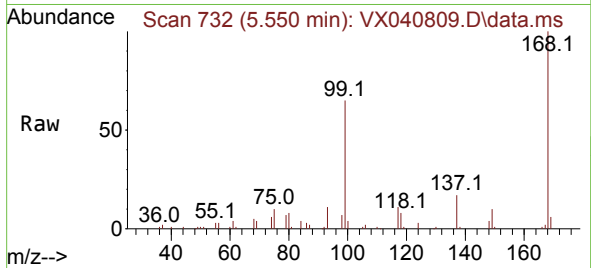




#36
1,1-Dichloropropene
Concen: 4.703 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

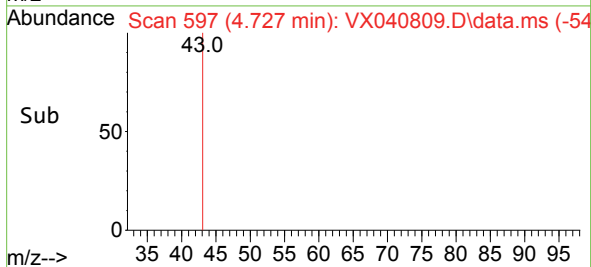
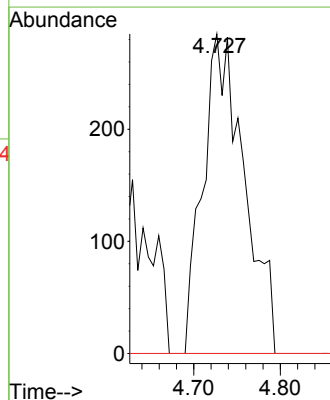
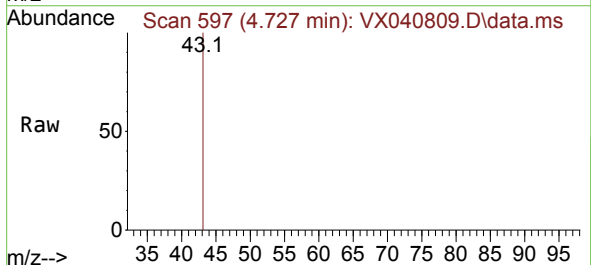
Instrument :
MSVOA_X
ClientSampleId :
VNJ-226

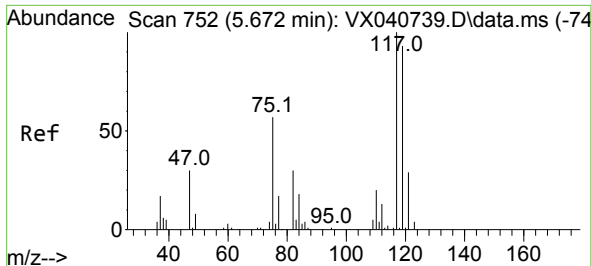
Tgt Ion: 75 Resp: 4087
Ion Ratio Lower Upper
75 100
110 5.0 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.958 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.024 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

Tgt Ion: 43 Resp: 945
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#

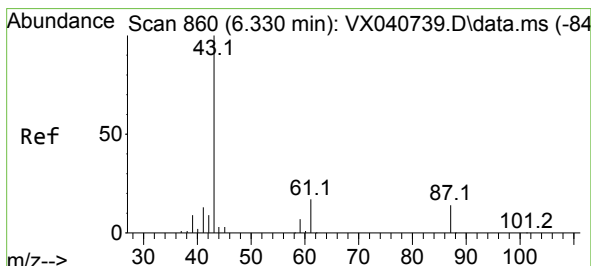
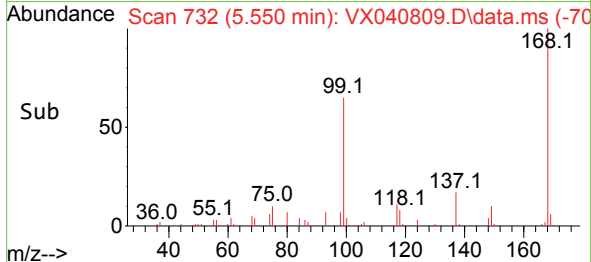
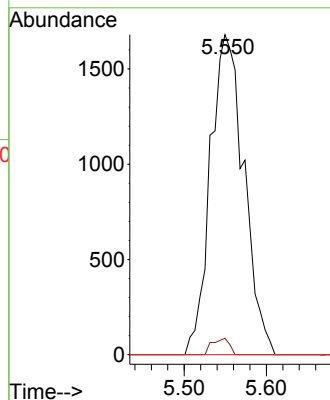
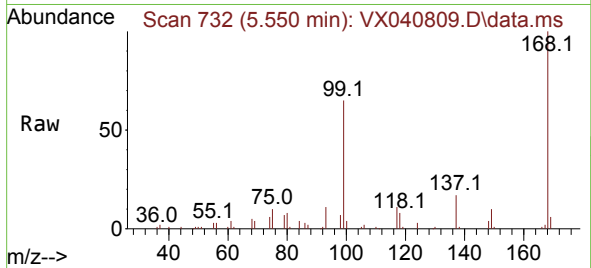




#38
Carbon Tetrachloride
Concen: 4.876 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

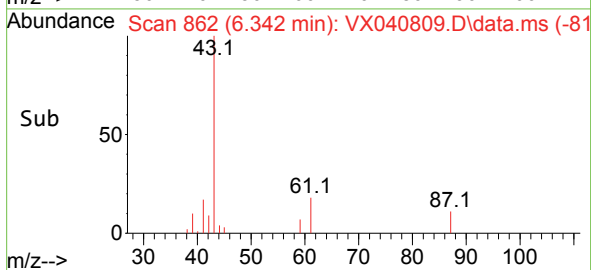
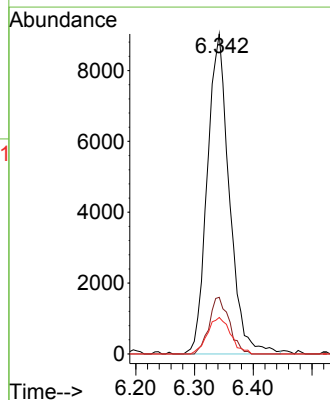
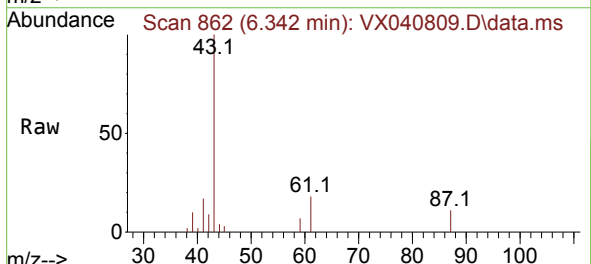
Instrument :
MSVOA_X
ClientSampleId :
VNJ-226

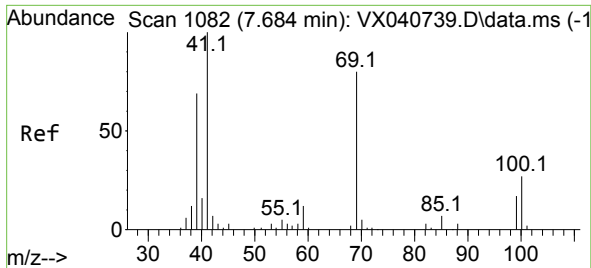
Tgt Ion:117 Resp: 4769
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 15.201 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.012 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

Tgt Ion: 43 Resp: 23553
Ion Ratio Lower Upper
43 100
61 16.2 15.2 22.8
87 12.0 9.8 14.6

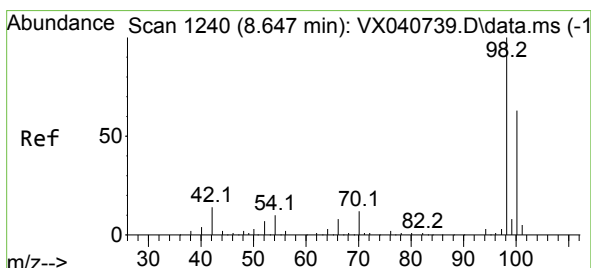
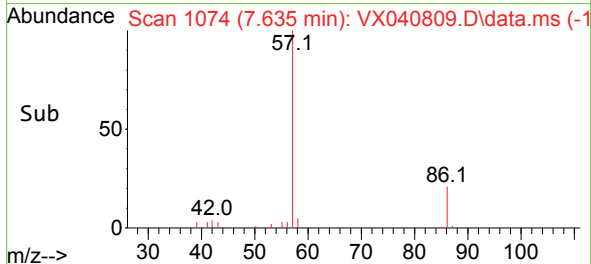
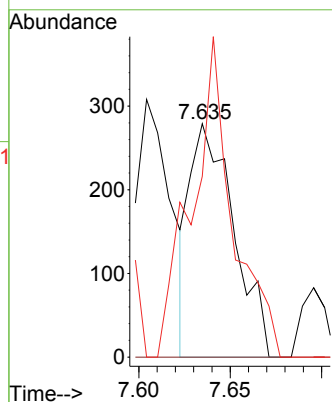
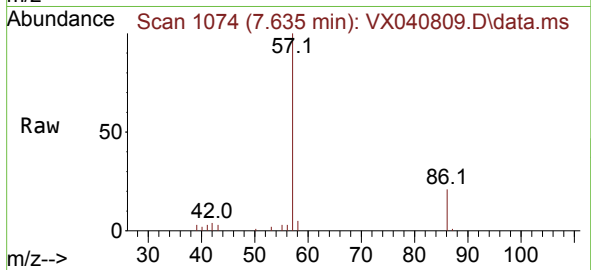




#48
Methyl methacrylate
Concen: 0.657 ug/l
RT: 7.635 min Scan# 1082
Delta R.T. -0.049 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

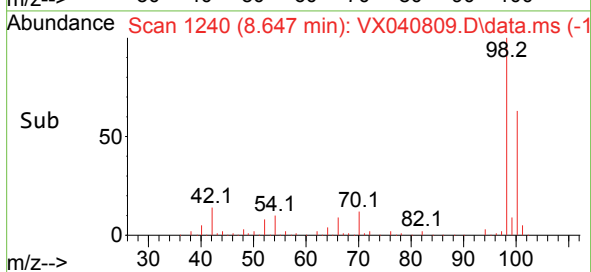
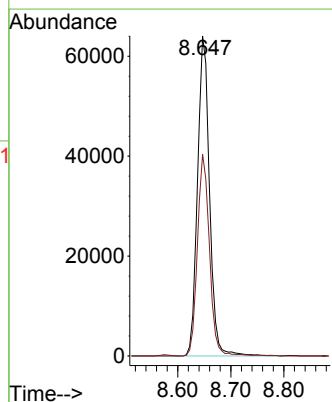
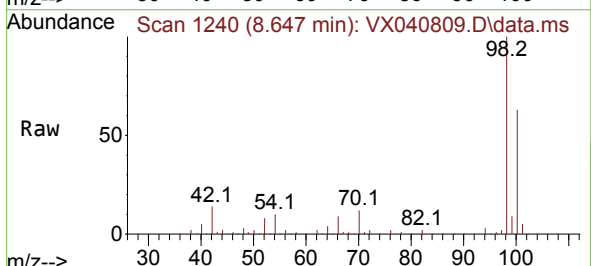
Instrument :
MSVOA_X
ClientSampleId :
VNJ-226

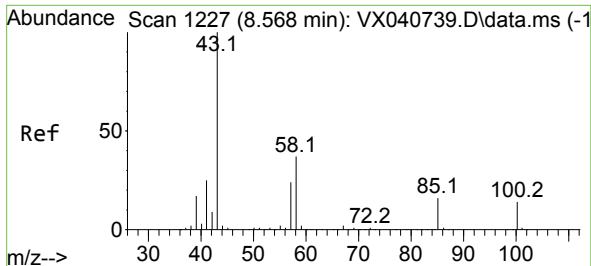
Tgt Ion: 41 Resp: 465
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 128.0 47.7 71.5#



#50
Toluene-d8
Concen: 49.925 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

Tgt Ion: 98 Resp: 100886
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7

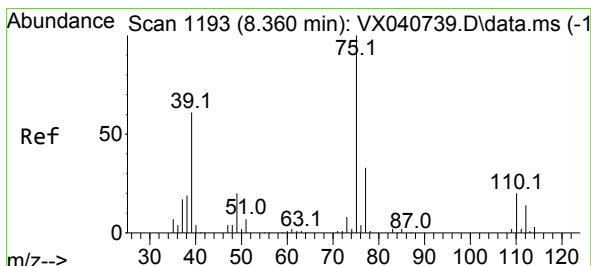
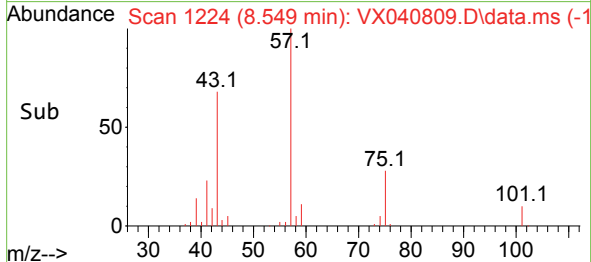
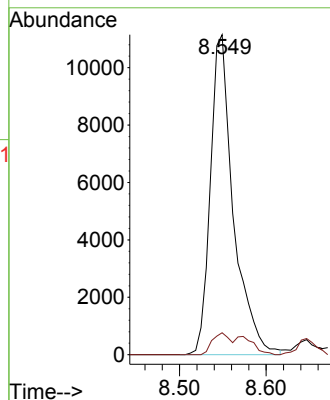
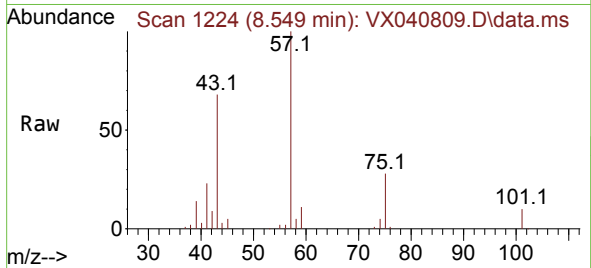




#51
4-Methyl-2-Pentanone
Concen: 21.414 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

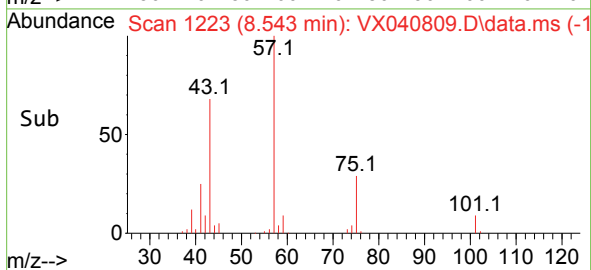
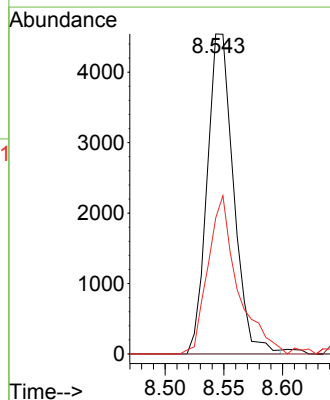
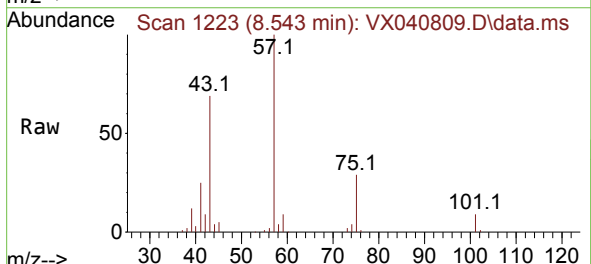
Instrument :
MSVOA_X
ClientSampleId :
VNJ-226

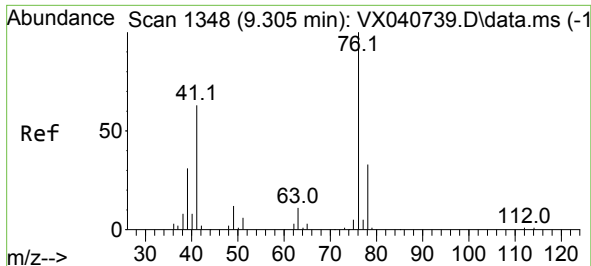
Tgt Ion: 43 Resp: 20577
Ion Ratio Lower Upper
43 100
58 5.4 30.4 45.6#



#54
cis-1,3-Dichloropropene
Concen: 7.288 ug/l
RT: 8.543 min Scan# 1223
Delta R.T. 0.183 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

Tgt Ion: 75 Resp: 7104
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
39 42.5 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 0.677 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX040809.D

Acq: 27 Mar 2024 13:38

Instrument :

MSVOA_X

ClientSampleId :

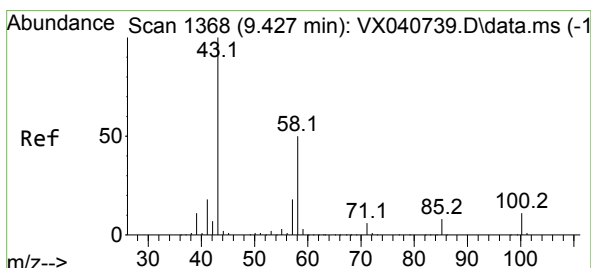
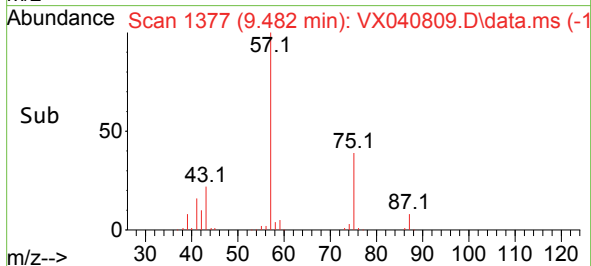
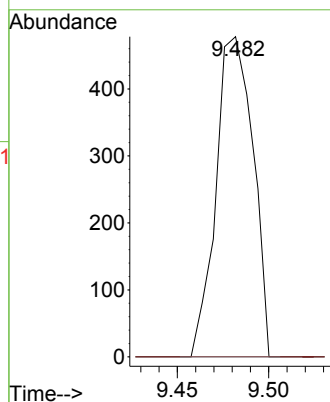
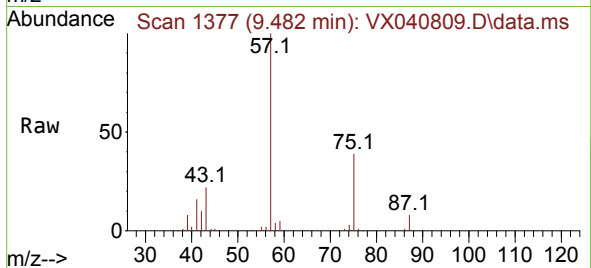
VNJ-226

Tgt Ion: 76 Resp: 673

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 13.602 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.055 min

Lab File: VX040809.D

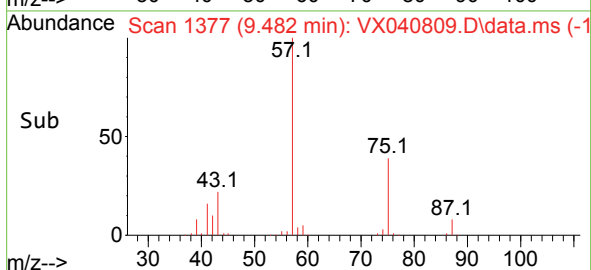
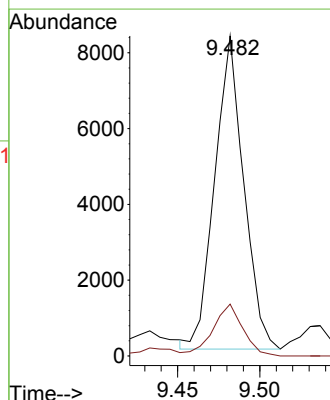
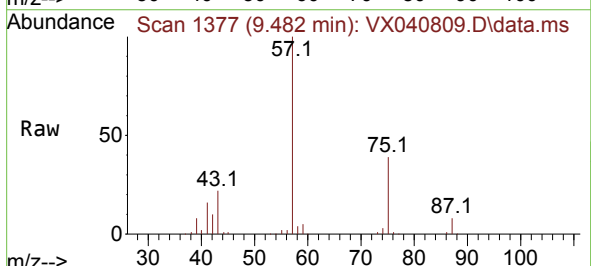
Acq: 27 Mar 2024 13:38

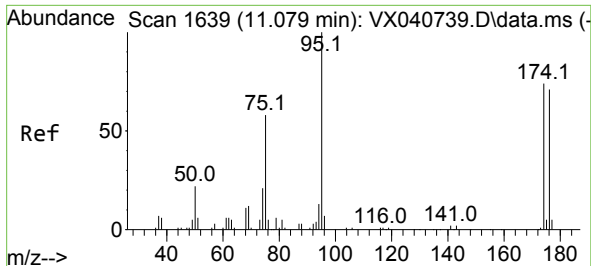
Tgt Ion: 43 Resp: 10125

Ion Ratio Lower Upper

43 100

58 17.2 26.2 78.5#

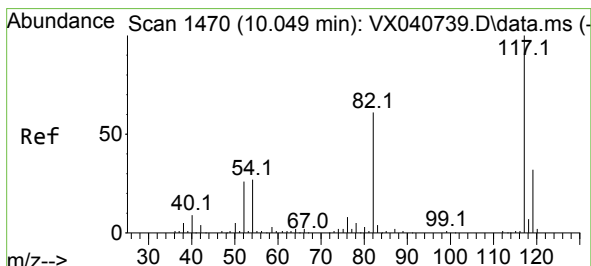
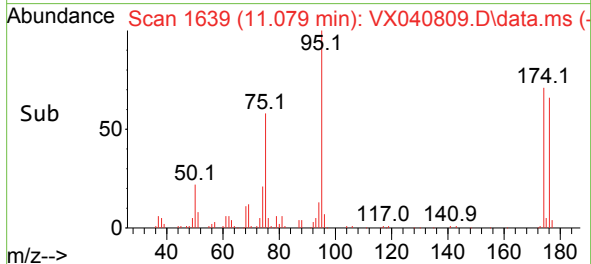
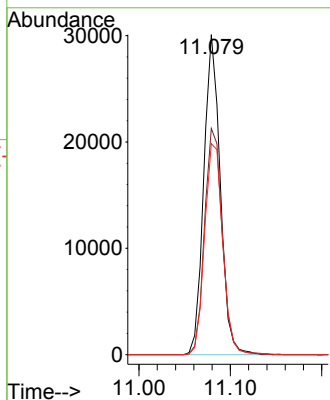
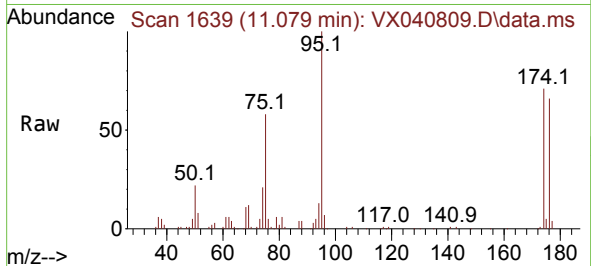




#62
4-Bromofluorobenzene
Concen: 47.035 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

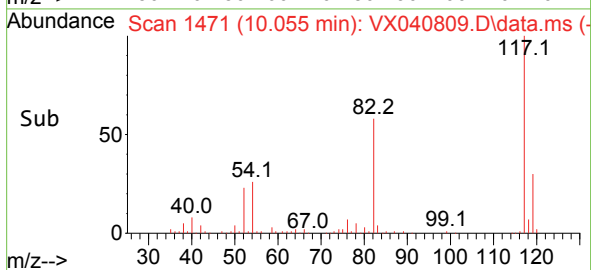
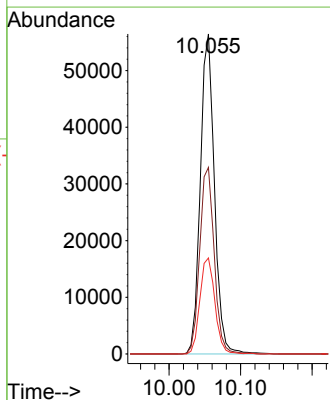
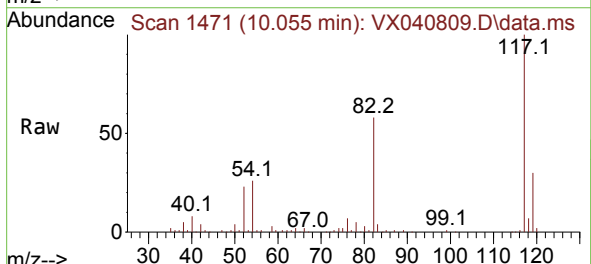
Instrument :
MSVOA_X
ClientSampleId :
VNJ-226

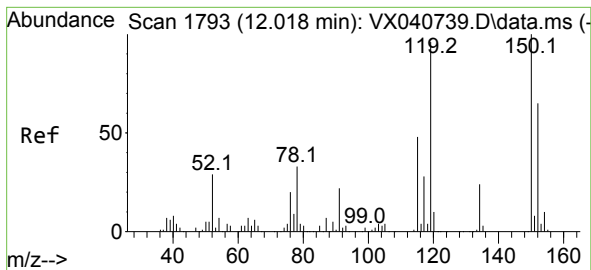
Tgt Ion: 95 Resp: 37551
Ion Ratio Lower Upper
95 100
174 75.6 0.0 135.6
176 72.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

Tgt Ion: 117 Resp: 77278
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 30.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040809.D

Acq: 27 Mar 2024 13:38

Instrument :

MSVOA_X

ClientSampleId :

VNJ-226

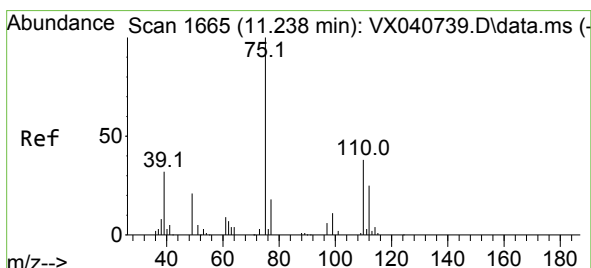
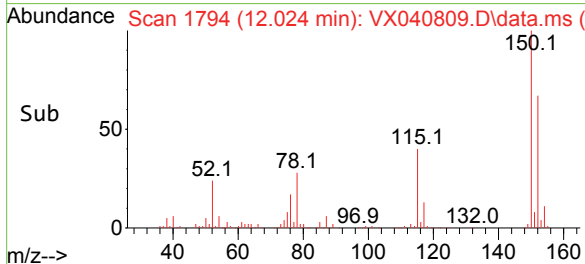
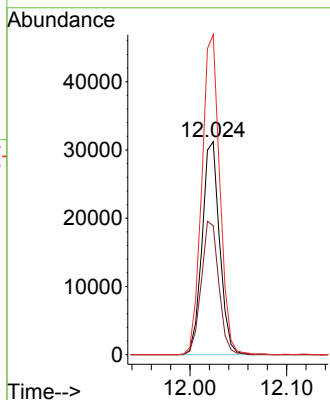
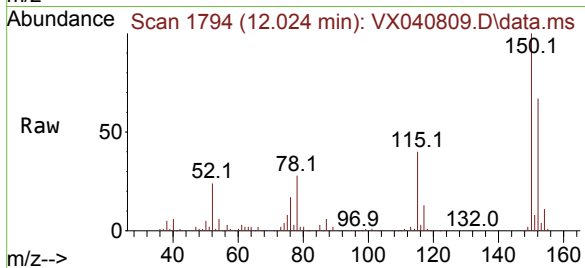
Tgt Ion:152 Resp: 39438

Ion Ratio Lower Upper

152 100

115 62.6 43.3 129.9

150 153.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.786 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040809.D

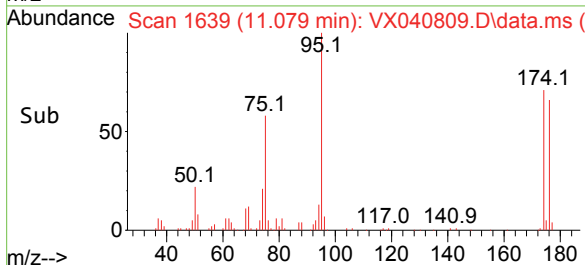
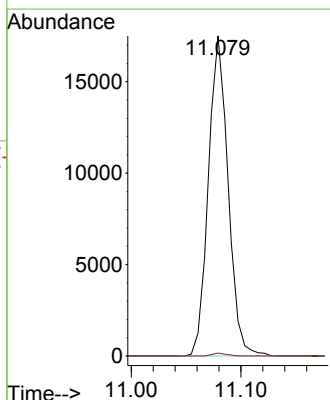
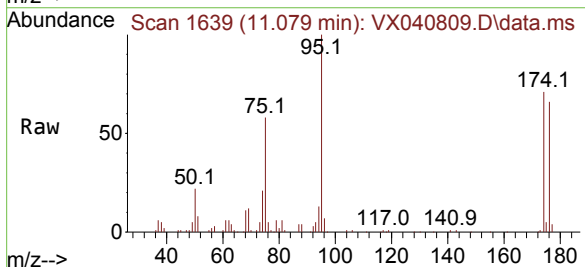
Acq: 27 Mar 2024 13:38

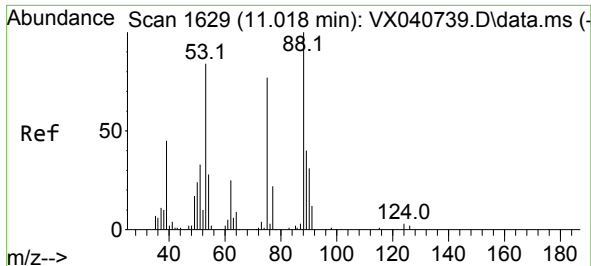
Tgt Ion: 75 Resp: 21872

Ion Ratio Lower Upper

75 100

77 0.7 19.1 57.5#

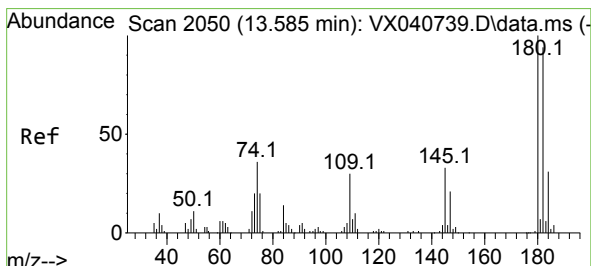
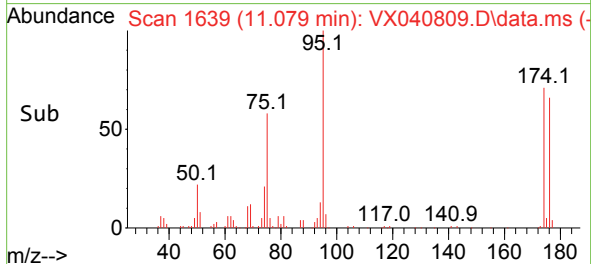
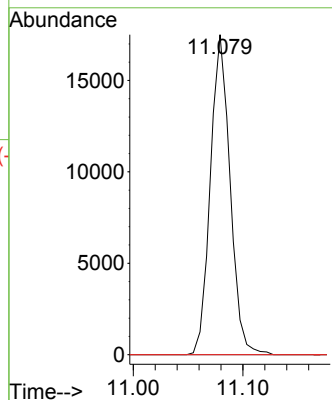
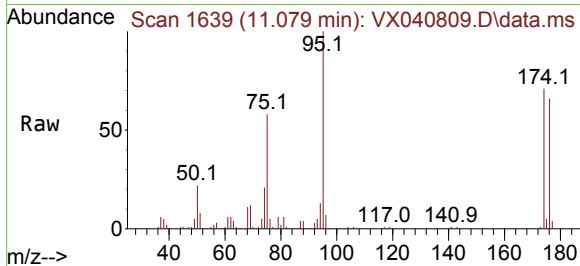




#81
trans-1,4-Dichloro-2-butene
Concen: 65.234 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

Instrument :
MSVOA_X
ClientSampleId :
VNJ-226

Tgt Ion: 75 Resp: 21872
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.234 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040809.D
Acq: 27 Mar 2024 13:38

Tgt Ion:180 Resp: 226
Ion Ratio Lower Upper
180 100
182 99.6 48.3 144.8
145 11.1 18.0 54.0#

