

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032724\
 Data File : VX040808.D
 Acq On : 27 Mar 2024 13:16
 Operator : JC/MD
 Sample : P1830-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

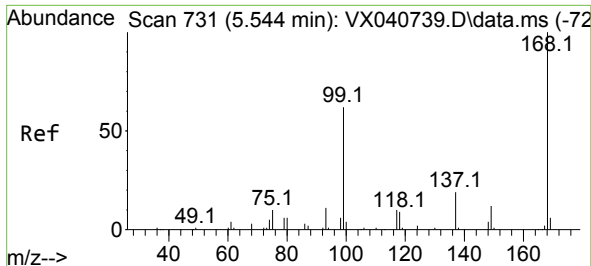
Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-206

Quant Time: Mar 28 03:53:58 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	45324	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	82110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	78424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	38804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	38787	50.895	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.780%			
35) Dibromofluoromethane	5.385	113	28672	46.667	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.340%			
50) Toluene-d8	8.647	98	103457	49.178	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.360%			
62) 4-Bromofluorobenzene	11.079	95	37467	45.078	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.160%			
Target Compounds						Qvalue
6) Chloroethane	1.721	64	87	0.218	ug/l #	43
11) Tert butyl alcohol	2.953	59	731	5.990	ug/l #	78
16) Acetone	2.380	43	29311	108.584	ug/l	99
17) Carbon Disulfide	2.514	76	308	0.200	ug/l #	76
18) Methyl Acetate	2.703	43	589	0.814	ug/l #	70
20) Methylene Chloride	2.794	84	2521	4.272	ug/l	95
25) 2-Butanone	4.556	43	3327	7.869	ug/l	98
29) Tetrahydrofuran	5.032	42	254	0.903	ug/l #	34
31) Cyclohexane	5.556	56	1283	1.417	ug/l #	44
36) 1,1-Dichloropropene	5.550	75	4086	4.517	ug/l #	50
37) Ethyl Acetate	4.721	43	473	0.460	ug/l #	69
38) Carbon Tetrachloride	5.556	117	5182	5.089	ug/l #	15
43) Isopropyl Acetate	6.336	43	31001	19.219	ug/l	97
48) Methyl methacrylate	7.793	41	24771	33.598	ug/l #	50
51) 4-Methyl-2-Pentanone	8.549	43	24476	24.467	ug/l #	46
54) cis-1,3-Dichloropropene	8.549	75	8710	8.584	ug/l #	63
57) 1,3-Dichloropropane	9.482	76	960	0.927	ug/l #	42
59) 2-Hexanone	9.372	43	25434	32.821	ug/l #	26
74) N-amyl acetate	10.768	43	1027	0.708	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	21681	25.979	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	21681	65.721	ug/l #	5

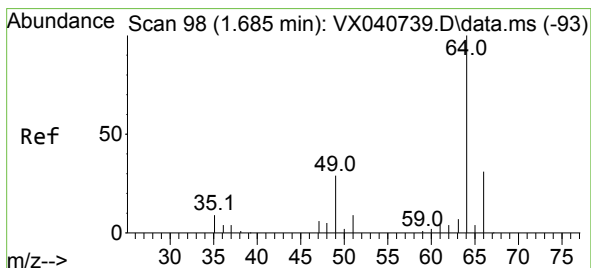
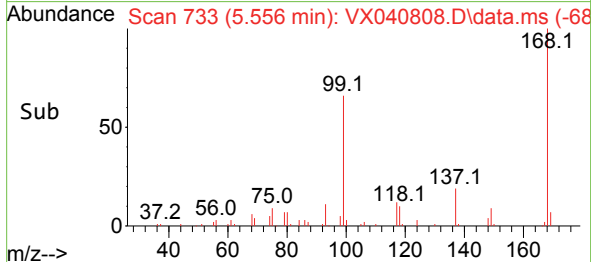
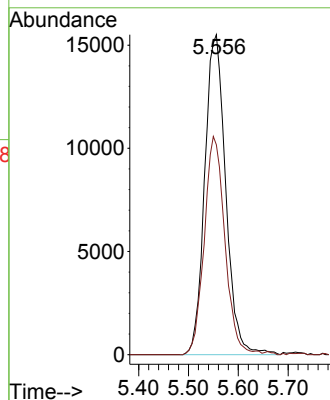
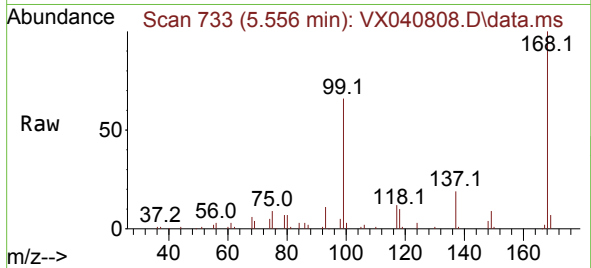
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX040808.D
Acq: 27 Mar 2024 13:16

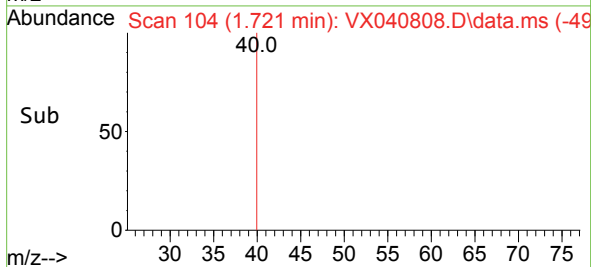
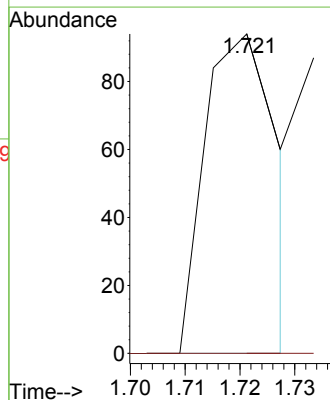
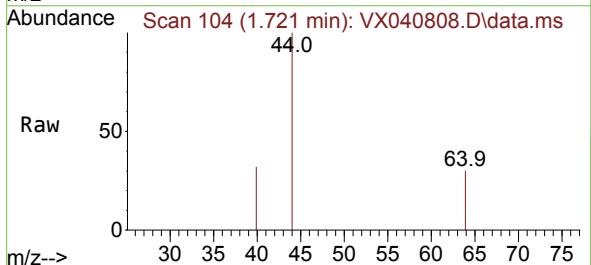
Instrument :
MSVOA_X
ClientSampleId :
VNJ-206

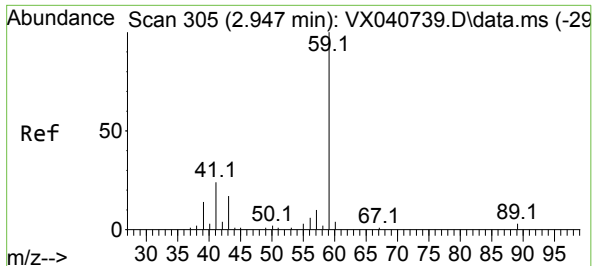
Tgt Ion:168 Resp: 45324
Ion Ratio Lower Upper
168 100
99 65.6 56.6 85.0



#6
Chloroethane
Concen: 0.218 ug/l
RT: 1.721 min Scan# 104
Delta R.T. 0.036 min
Lab File: VX040808.D
Acq: 27 Mar 2024 13:16

Tgt Ion: 64 Resp: 87
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 5.990 ug/l

RT: 2.953 min Scan# 305

Delta R.T. 0.006 min

Lab File: VX040808.D

Acq: 27 Mar 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

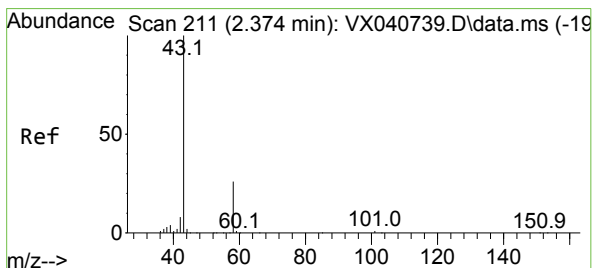
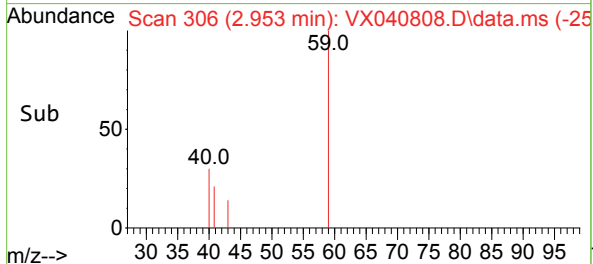
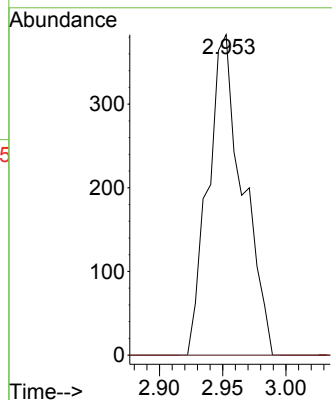
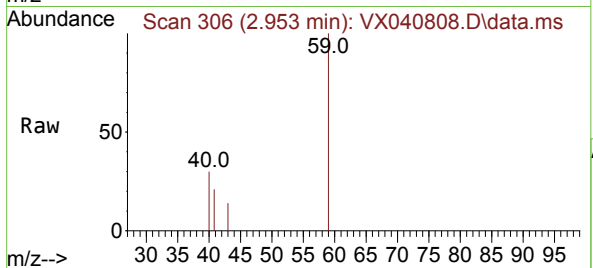
VNJ-206

Tgt Ion: 59 Resp: 731

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 108.584 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX040808.D

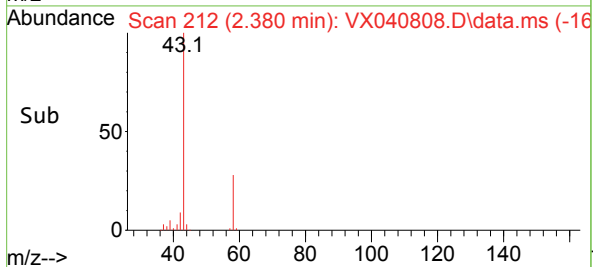
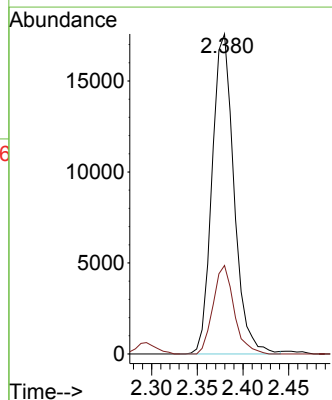
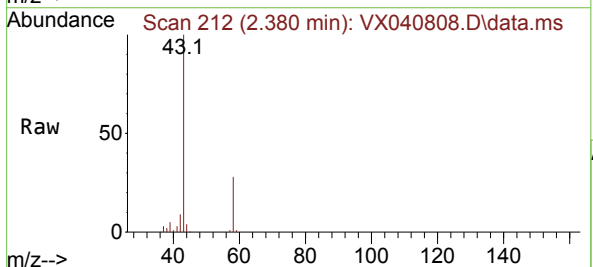
Acq: 27 Mar 2024 13:16

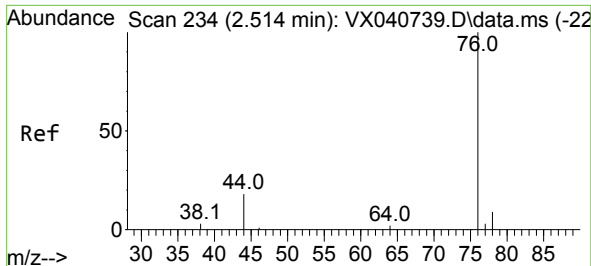
Tgt Ion: 43 Resp: 29311

Ion Ratio Lower Upper

43 100

58 27.7 21.9 32.9

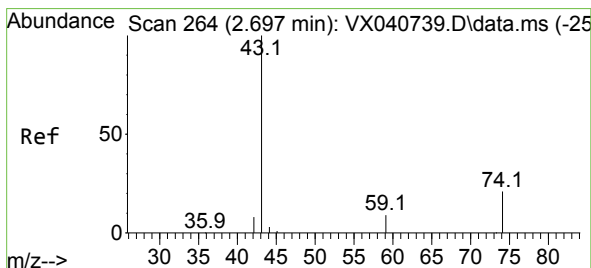
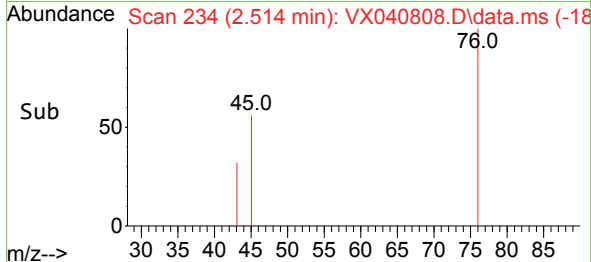
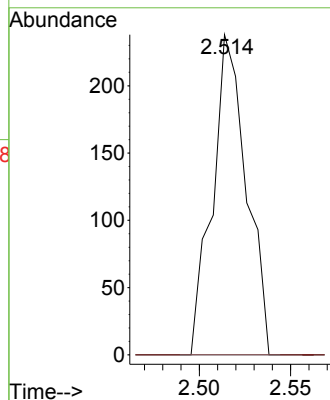
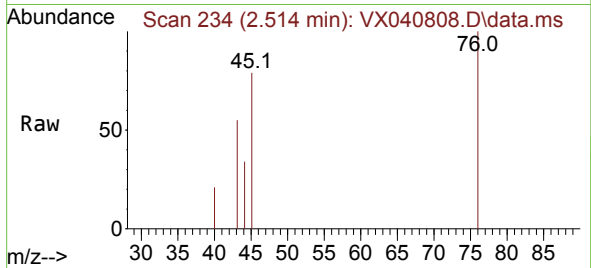




#17
Carbon Disulfide
Concen: 0.200 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040808.D
Acq: 27 Mar 2024 13:16

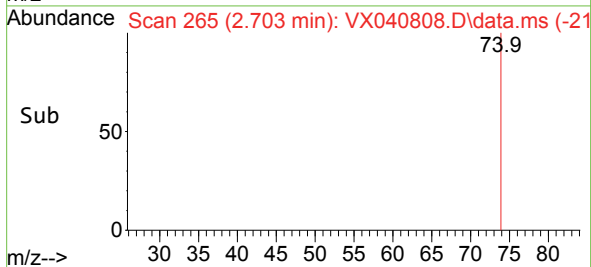
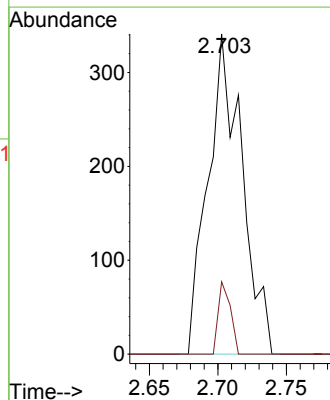
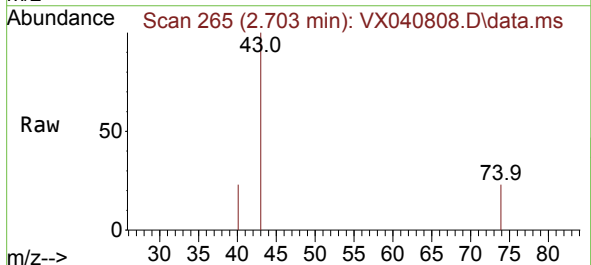
Instrument :
MSVOA_X
ClientSampleId :
VNJ-206

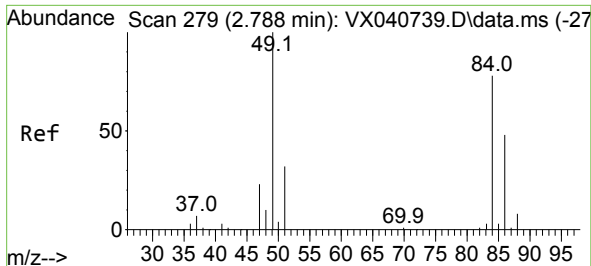
Tgt Ion: 76 Resp: 308
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 0.814 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX040808.D
Acq: 27 Mar 2024 13:16

Tgt Ion: 43 Resp: 589
Ion Ratio Lower Upper
43 100
74 8.0 17.8 26.8#





#20

Methylene Chloride

Concen: 4.272 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040808.D

Acq: 27 Mar 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

VNJ-206

Tgt Ion: 84 Resp: 2521

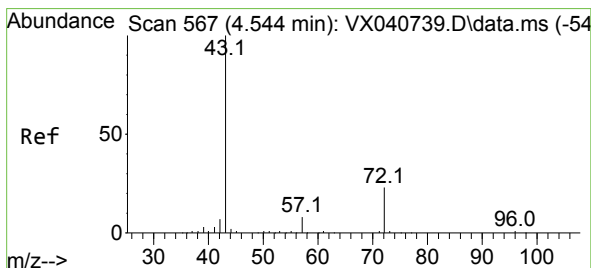
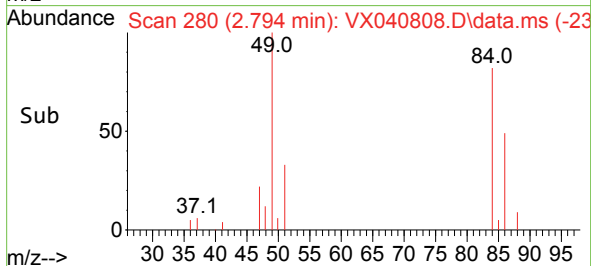
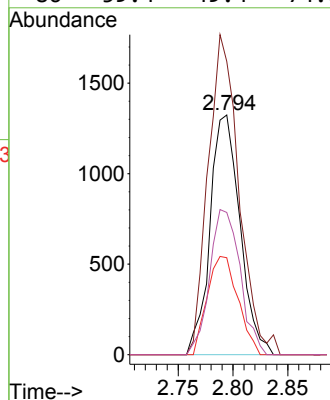
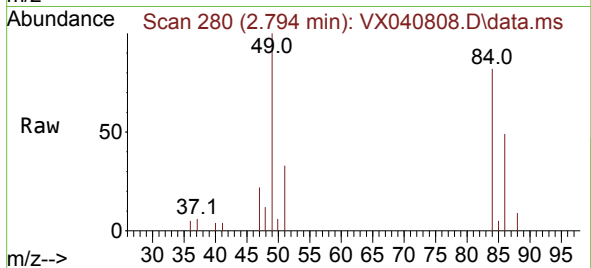
Ion Ratio Lower Upper

84 100

49 122.4 103.6 155.4

51 40.5 33.8 50.6

86 59.4 49.4 74.0



#25

2-Butanone

Concen: 7.869 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.012 min

Lab File: VX040808.D

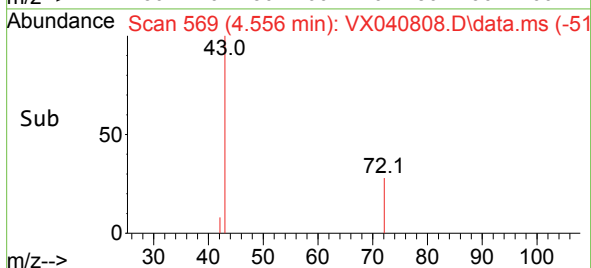
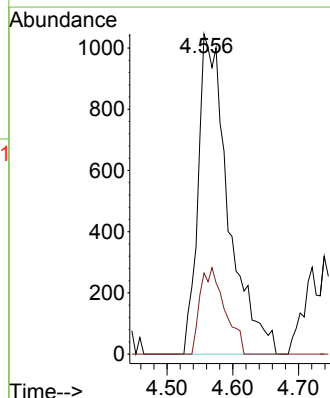
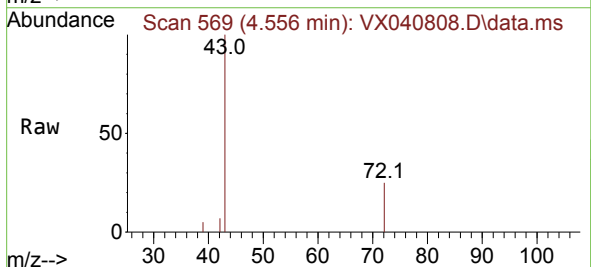
Acq: 27 Mar 2024 13:16

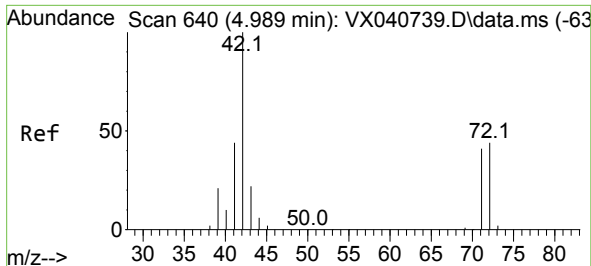
Tgt Ion: 43 Resp: 3327

Ion Ratio Lower Upper

43 100

72 25.3 19.4 29.2





#29

Tetrahydrofuran

Concen: 0.903 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.043 min

Lab File: VX040808.D

Acq: 27 Mar 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

VNJ-206

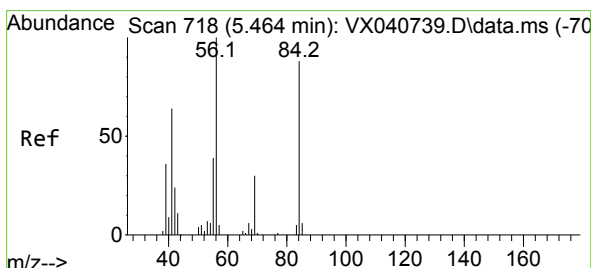
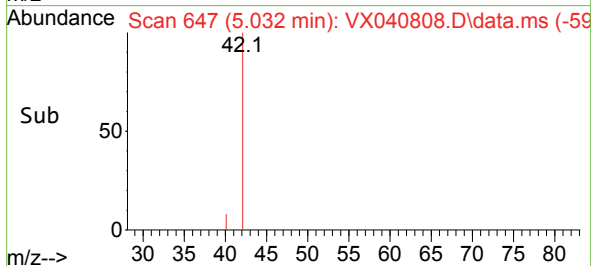
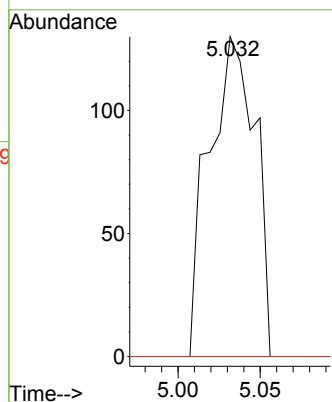
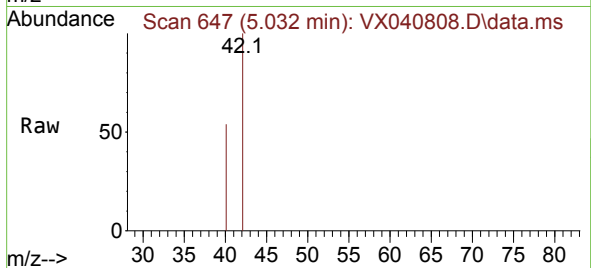
Tgt Ion: 42 Resp: 254

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.417 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.092 min

Lab File: VX040808.D

Acq: 27 Mar 2024 13:16

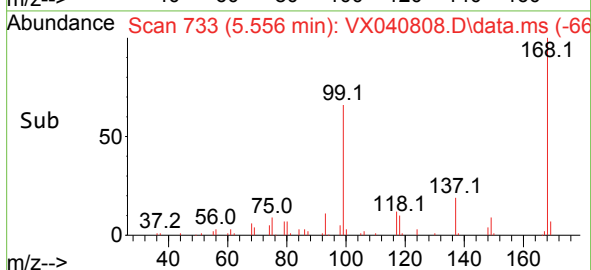
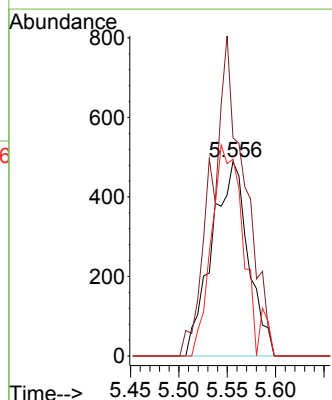
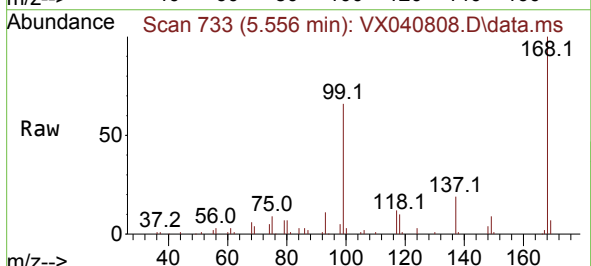
Tgt Ion: 56 Resp: 1283

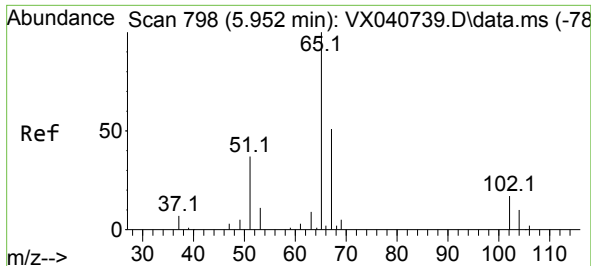
Ion Ratio Lower Upper

56 100

69 112.3 23.4 35.2#

84 101.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 50.895 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040808.D

Acq: 27 Mar 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

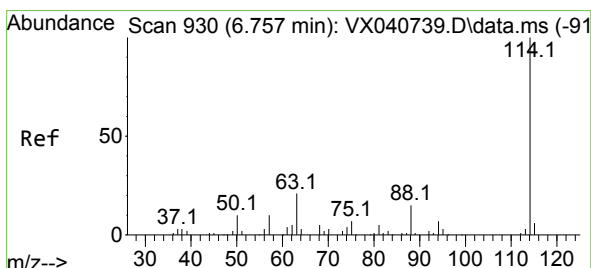
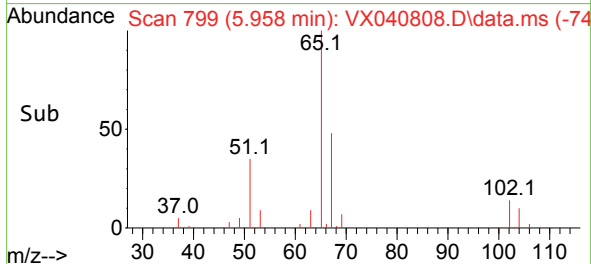
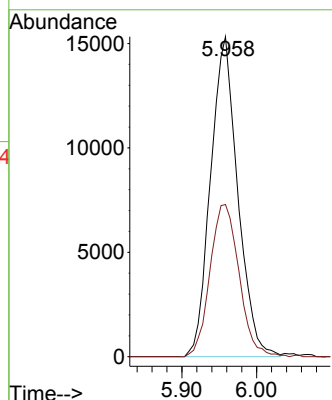
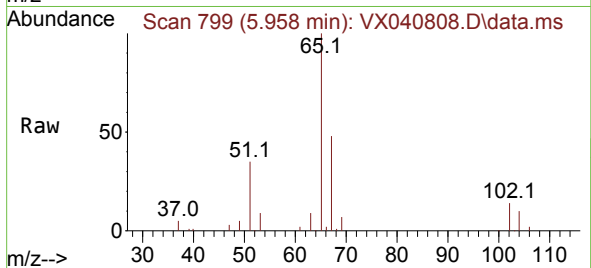
VNJ-206

Tgt Ion: 65 Resp: 38787

Ion Ratio Lower Upper

65 100

67 50.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX040808.D

Acq: 27 Mar 2024 13:16

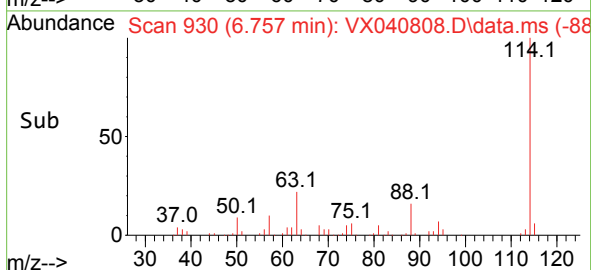
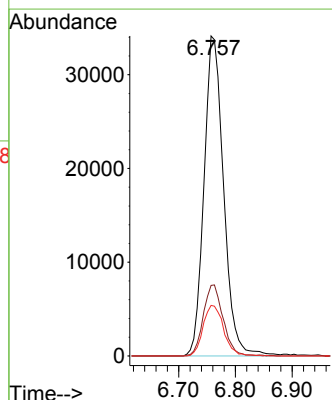
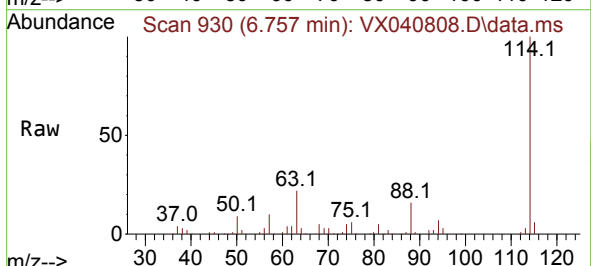
Tgt Ion: 114 Resp: 82110

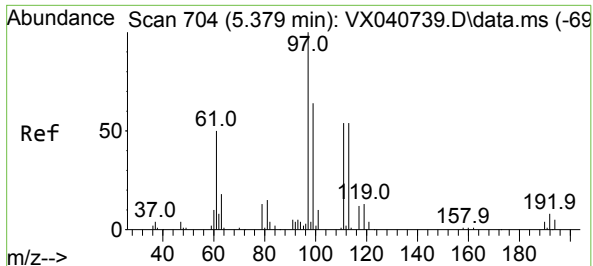
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.0

88 15.8 0.0 36.6

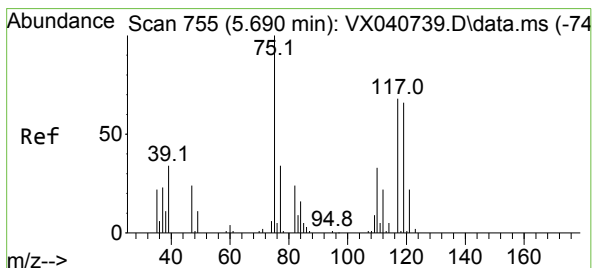
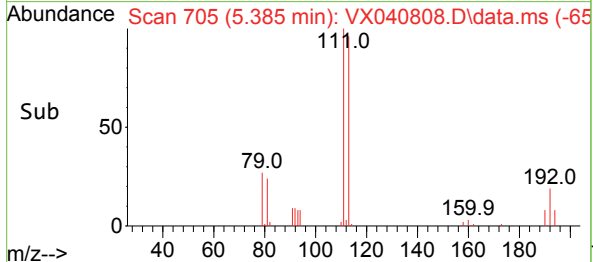
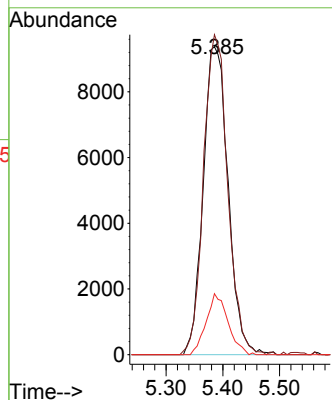
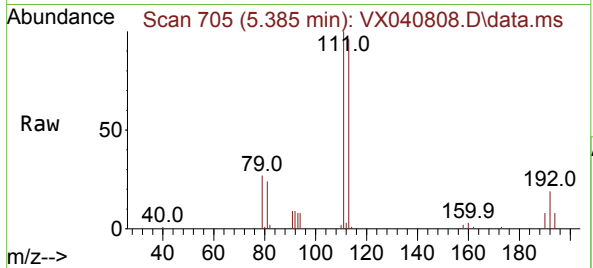




#35
Dibromofluoromethane
Concen: 46.667 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040808.D
Acq: 27 Mar 2024 13:16

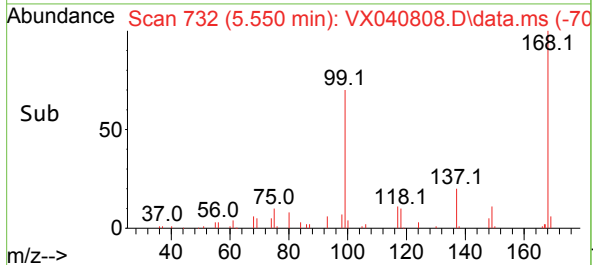
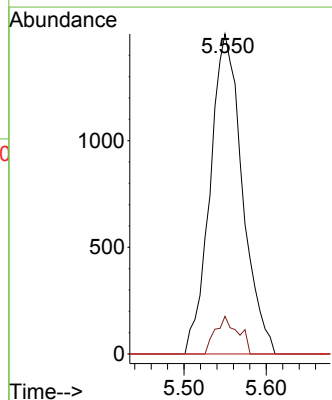
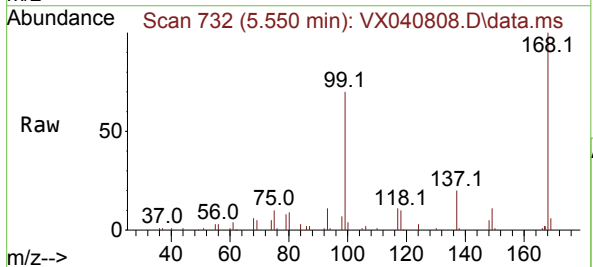
Instrument :
MSVOA_X
ClientSampleId :
VNJ-206

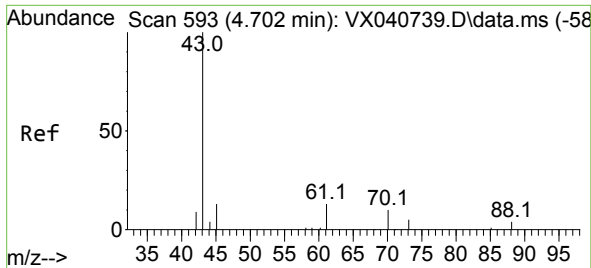
Tgt Ion:113 Resp: 28672
Ion Ratio Lower Upper
113 100
111 100.4 82.9 124.3
192 17.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.517 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040808.D
Acq: 27 Mar 2024 13:16

Tgt Ion: 75 Resp: 4086
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.460 ug/l

RT: 4.721 min Scan# 593

Delta R.T. 0.018 min

Lab File: VX040808.D

Acq: 27 Mar 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

VNJ-206

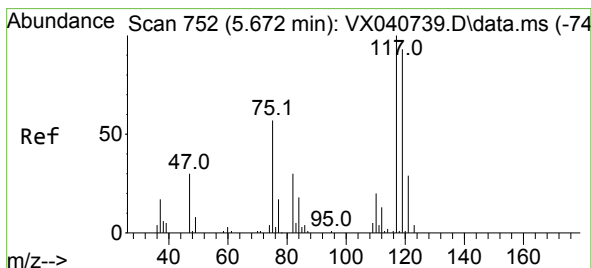
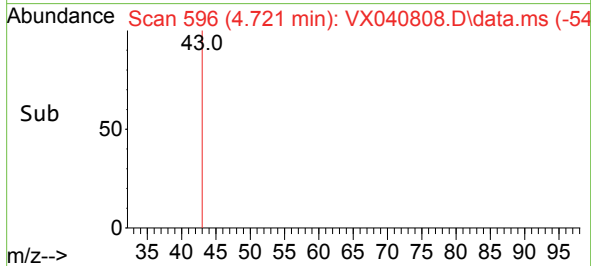
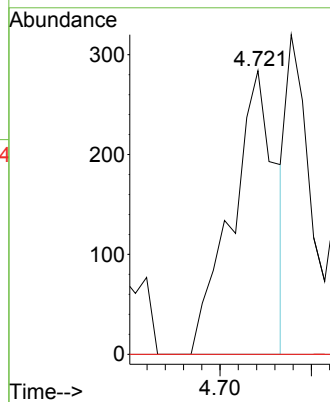
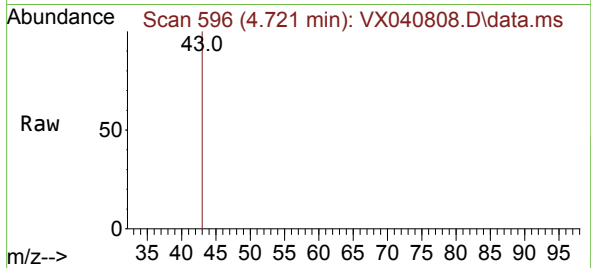
Tgt Ion: 43 Resp: 473

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 5.089 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.116 min

Lab File: VX040808.D

Acq: 27 Mar 2024 13:16

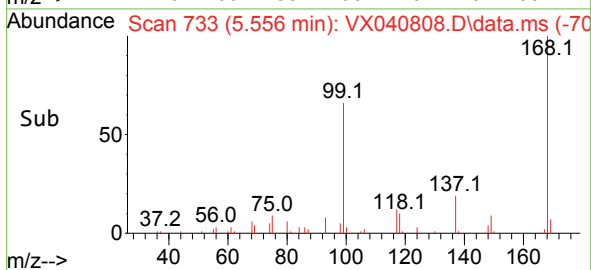
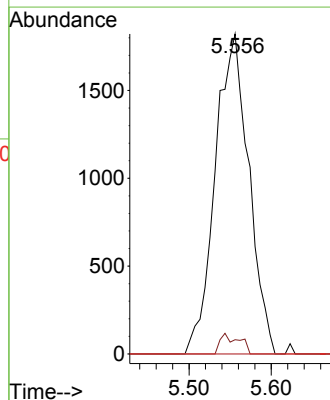
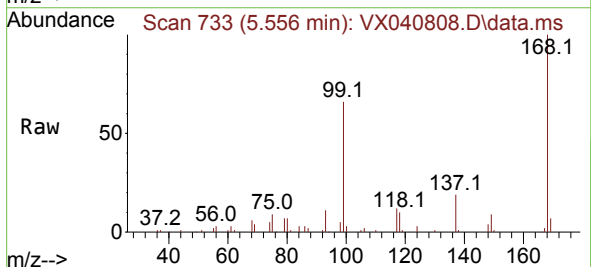
Tgt Ion: 117 Resp: 5182

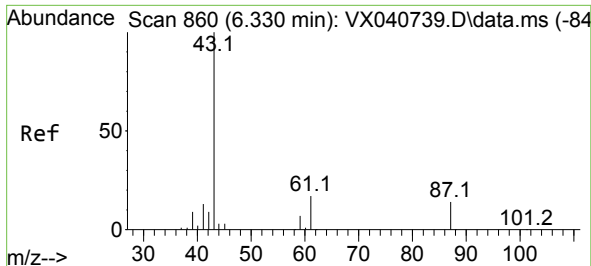
Ion Ratio Lower Upper

117 100

119 4.4 78.2 117.2#

121 0.0 24.4 36.6#

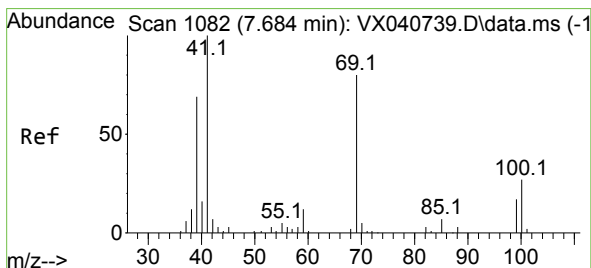
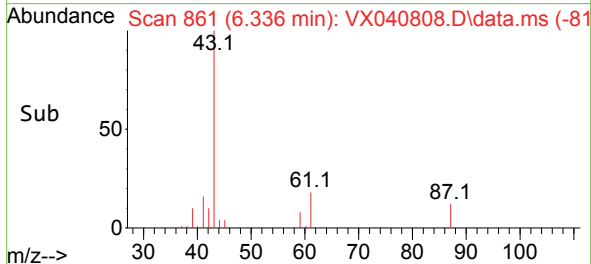
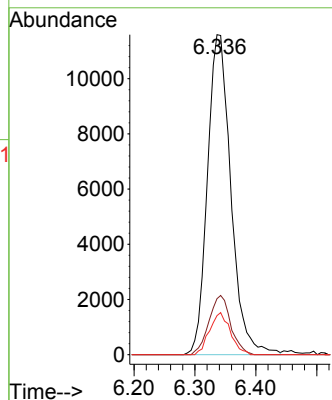
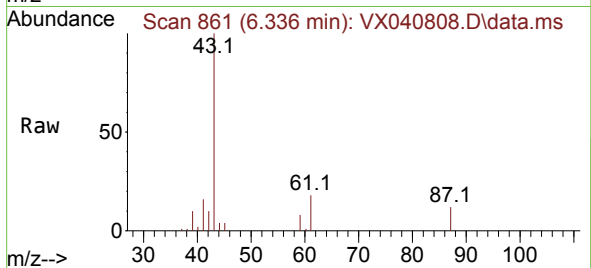




#43
Isopropyl Acetate
Concen: 19.219 ug/l
RT: 6.336 min Scan# 810
Delta R.T. 0.006 min
Lab File: VX040808.D
Acq: 27 Mar 2024 13:16

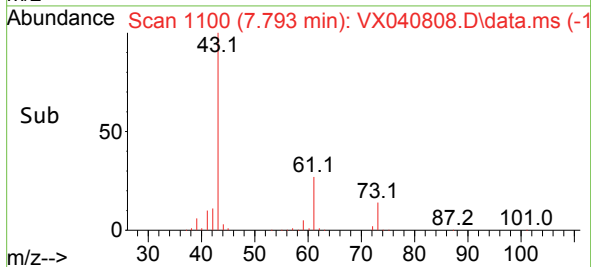
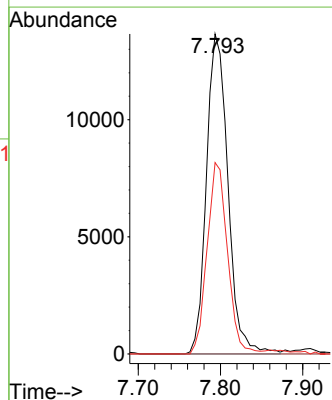
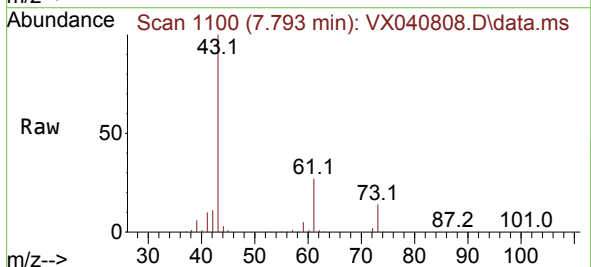
Instrument :
MSVOA_X
ClientSampleId :
VNJ-206

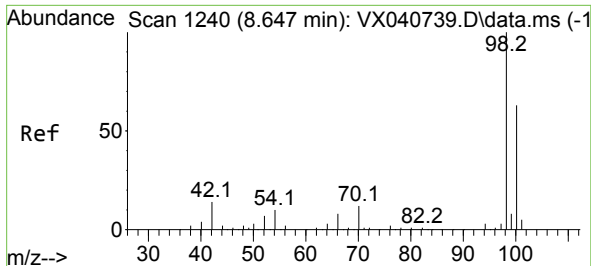
Tgt Ion: 43 Resp: 31001
Ion Ratio Lower Upper
43 100
61 17.2 15.2 22.8
87 11.7 9.8 14.6



#48
Methyl methacrylate
Concen: 33.598 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.110 min
Lab File: VX040808.D
Acq: 27 Mar 2024 13:16

Tgt Ion: 41 Resp: 24771
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 56.7 47.7 71.5

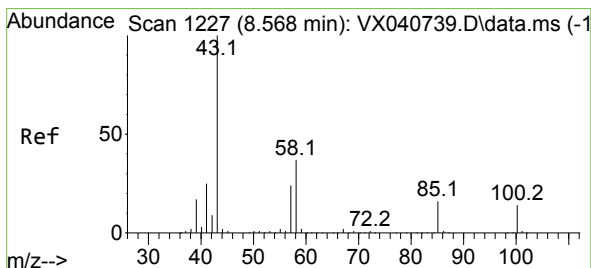
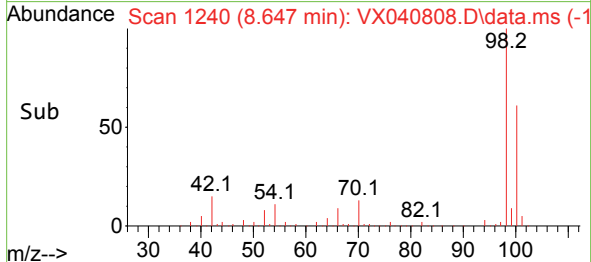
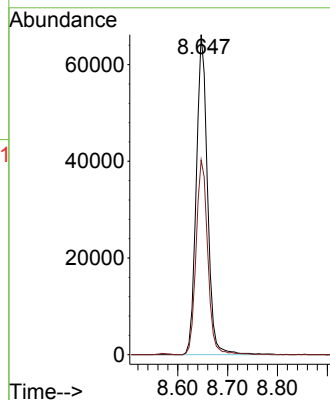
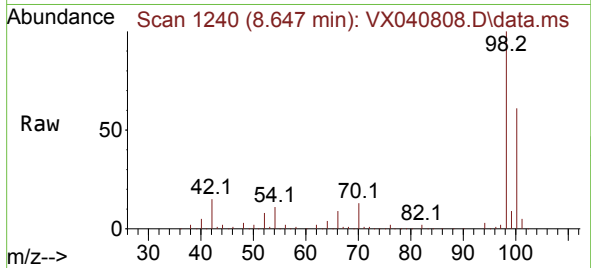




#50
Toluene-d8
Concen: 49.178 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040808.D
Acq: 27 Mar 2024 13:16

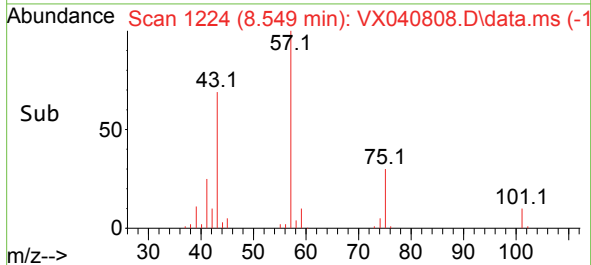
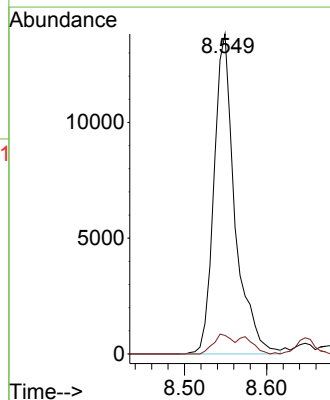
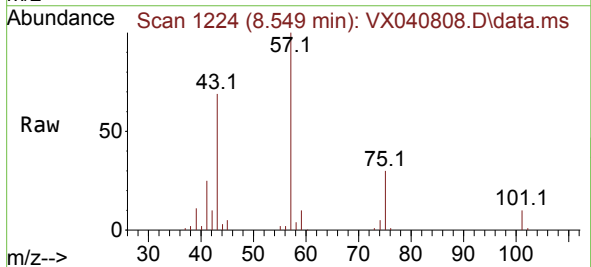
Instrument :
MSVOA_X
ClientSampleId :
VNJ-206

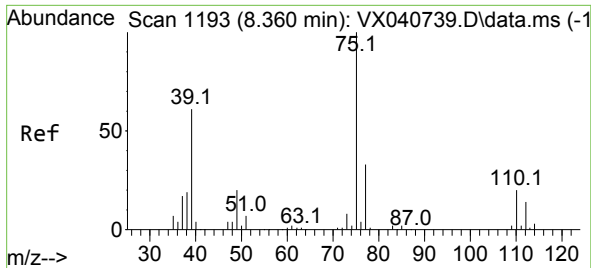
Tgt Ion: 98 Resp: 103457
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 24.467 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.018 min
Lab File: VX040808.D
Acq: 27 Mar 2024 13:16

Tgt Ion: 43 Resp: 24476
Ion Ratio Lower Upper
43 100
58 5.7 30.4 45.6#

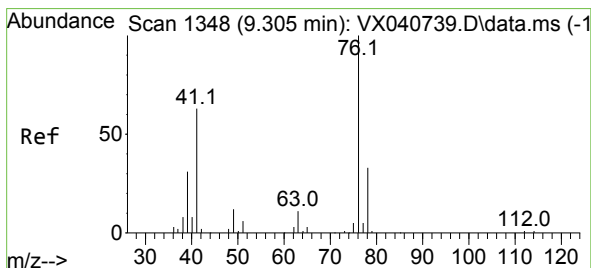
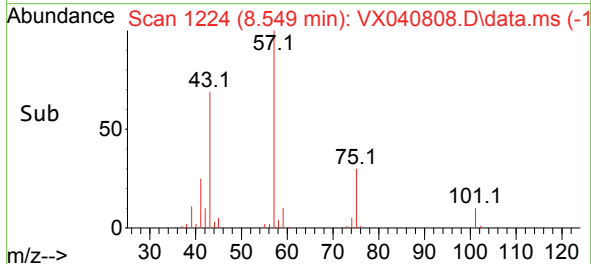
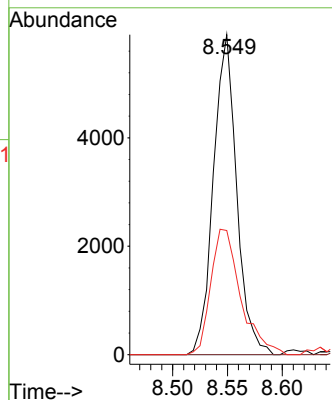
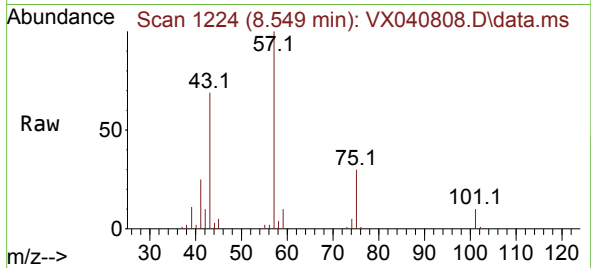




#54
cis-1,3-Dichloropropene
Concen: 8.584 ug/l
RT: 8.549 min Scan# 1193
Delta R.T. 0.189 min
Lab File: VX040808.D
Acq: 27 Mar 2024 13:16

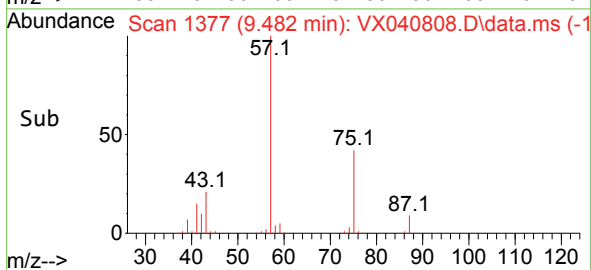
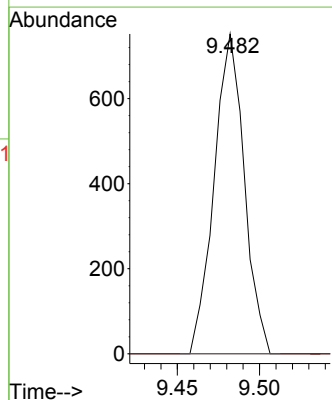
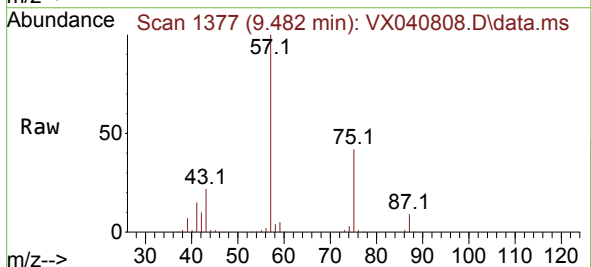
Instrument :
MSVOA_X
ClientSampleId :
VNJ-206

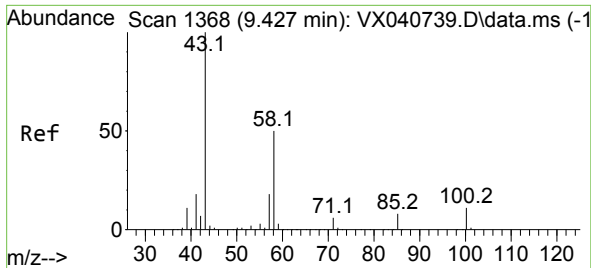
Tgt Ion: 75 Resp: 8710
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
39 38.8 46.7 70.1#



#57
1,3-Dichloropropane
Concen: 0.927 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX040808.D
Acq: 27 Mar 2024 13:16

Tgt Ion: 76 Resp: 960
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

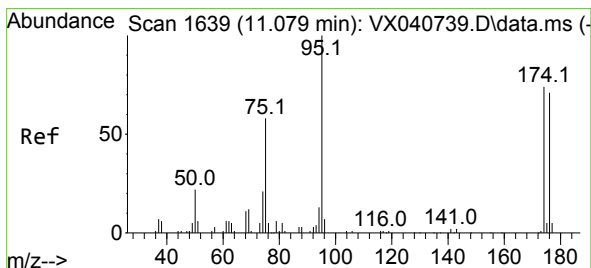
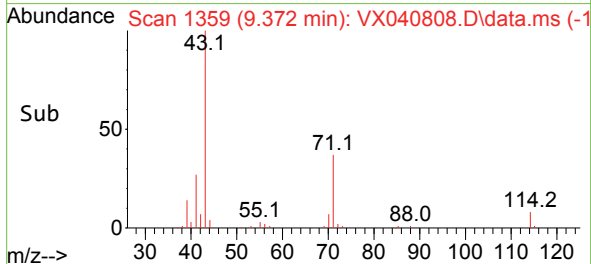
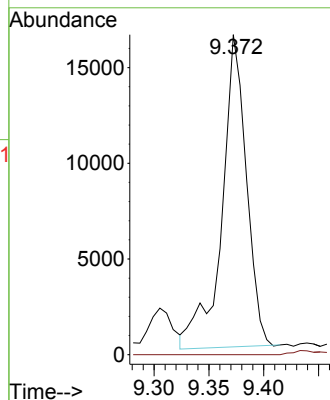
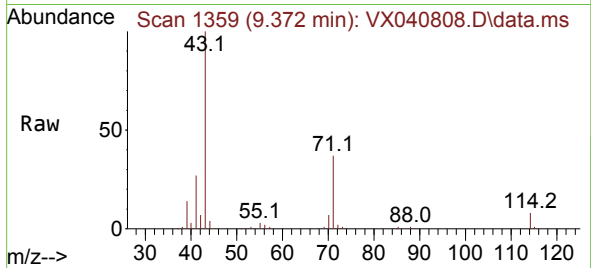




#59
2-Hexanone
Concen: 32.821 ug/l
RT: 9.372 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX040808.D
Acq: 27 Mar 2024 13:16

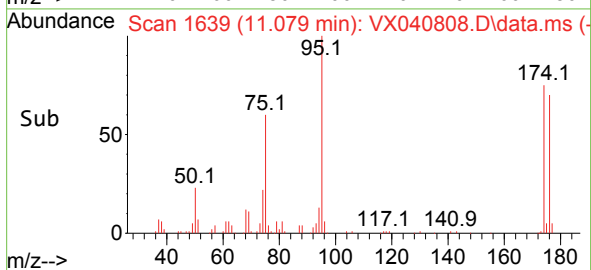
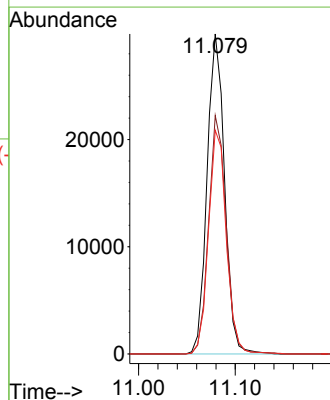
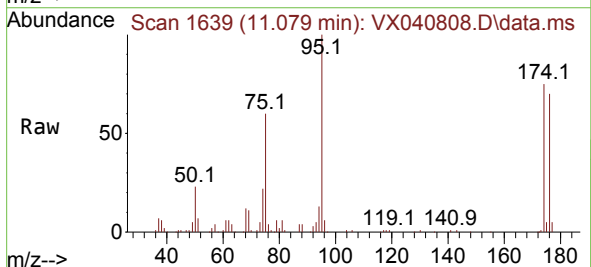
Instrument :
MSVOA_X
ClientSampleId :
VNJ-206

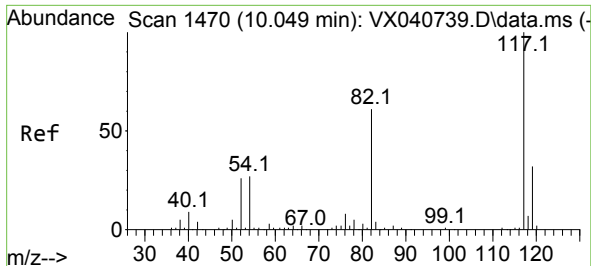
Tgt Ion: 43 Resp: 25434
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 45.078 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040808.D
Acq: 27 Mar 2024 13:16

Tgt Ion: 95 Resp: 37467
Ion Ratio Lower Upper
95 100
174 75.3 0.0 135.6
176 71.6 0.0 131.0

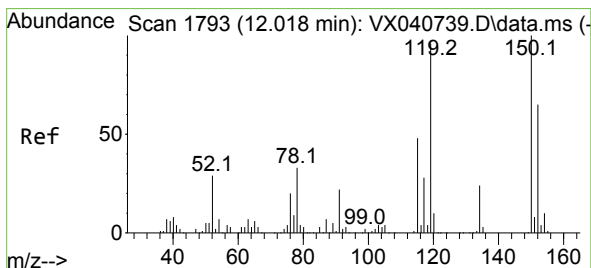
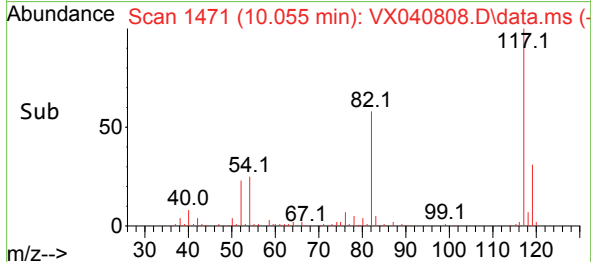
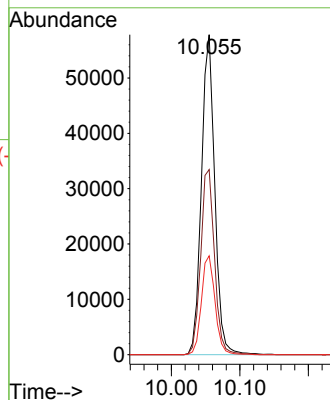
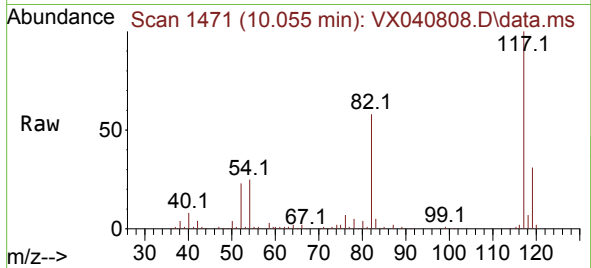




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX040808.D
Acq: 27 Mar 2024 13:16

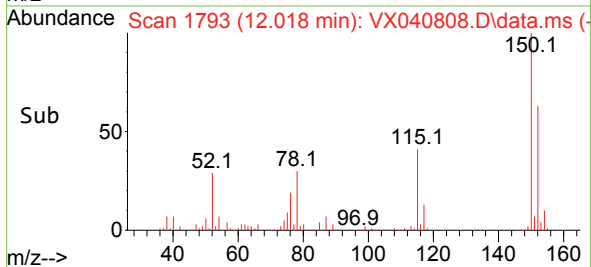
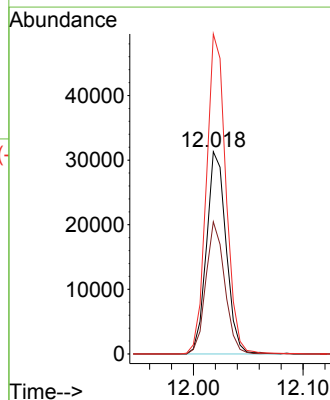
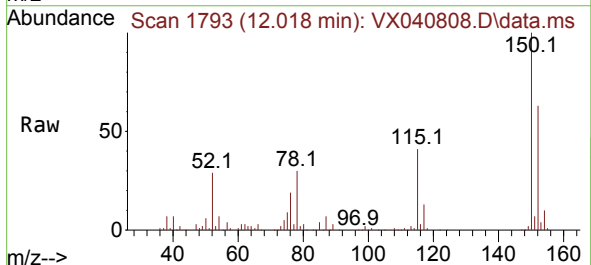
Instrument :
MSVOA_X
ClientSampleId :
VNJ-206

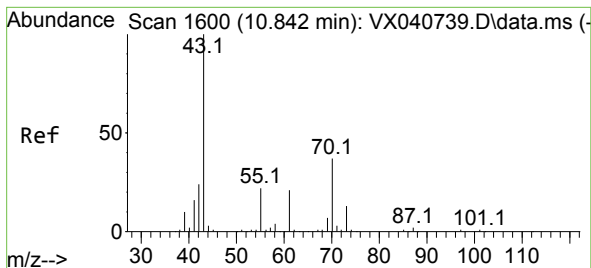
Tgt Ion:117 Resp: 78424
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 30.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX040808.D
Acq: 27 Mar 2024 13:16

Tgt Ion:152 Resp: 38804
Ion Ratio Lower Upper
152 100
115 63.0 43.3 129.9
150 157.4 0.0 345.0





#74

N-amy1 acetate

Concen: 0.708 ug/l

RT: 10.768 min Scan# 1

Delta R.T. -0.073 min

Lab File: VX040808.D

Acq: 27 Mar 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

VNJ-206

Tgt Ion: 43 Resp: 1027

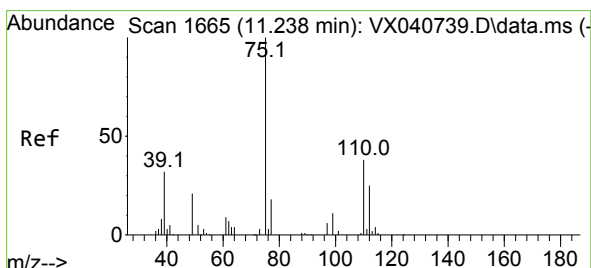
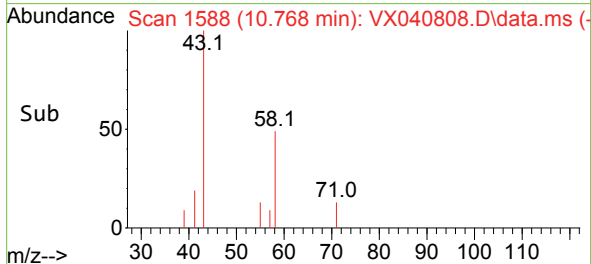
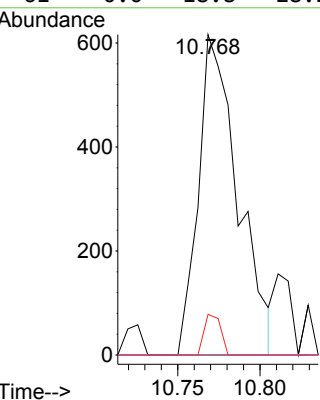
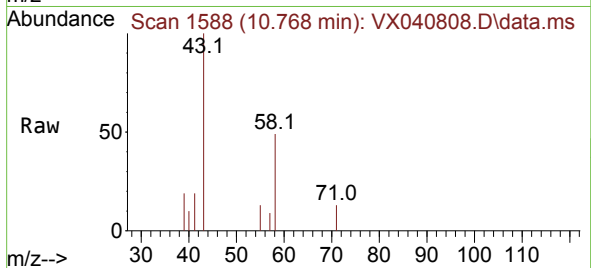
Ion Ratio Lower Upper

43 100

70 0.0 32.9 49.3#

55 5.3 19.3 28.9#

61 0.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 25.979 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040808.D

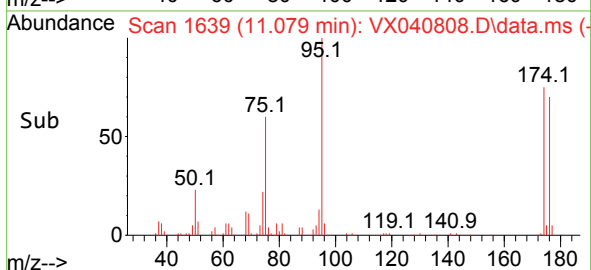
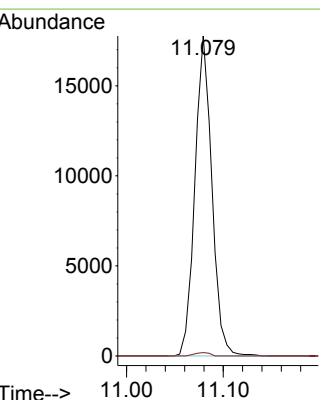
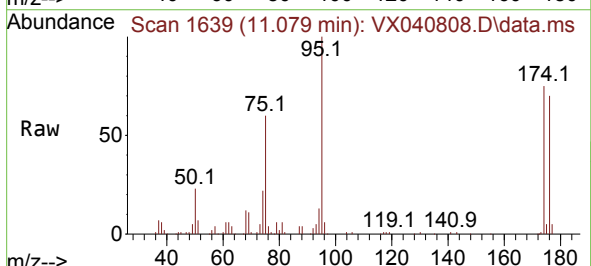
Acq: 27 Mar 2024 13:16

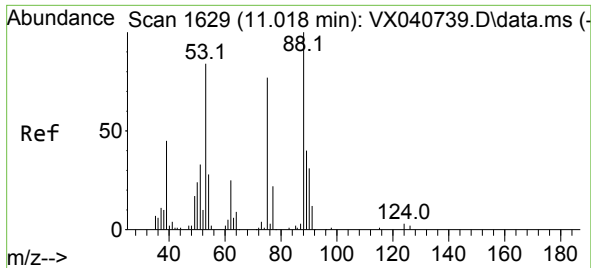
Tgt Ion: 75 Resp: 21681

Ion Ratio Lower Upper

75 100

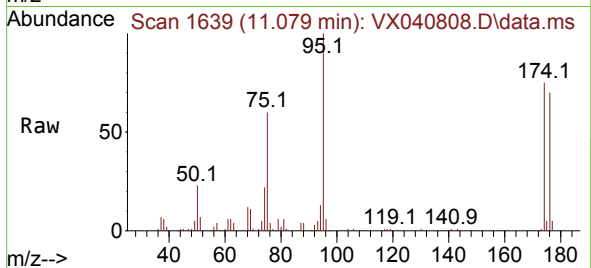
77 0.9 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.721 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040808.D
Acq: 27 Mar 2024 13:16

Instrument :
MSVOA_X
ClientSampleId :
VNJ-206



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

