

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020524\
 Data File : VX040128.D
 Acq On : 05 Feb 2024 19:54
 Operator : JC/MD
 Sample : P1355-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-214

Quant Time: Feb 06 03:06:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

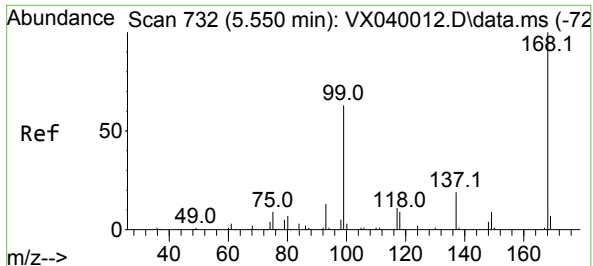
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	90299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157129	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	142253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63210	43.496	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.000%		
35) Dibromofluoromethane	5.385	113	51993	48.608	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.220%		
50) Toluene-d8	8.647	98	205125	51.280	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.560%		
62) 4-Bromofluorobenzene	11.079	95	77762	50.486	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.980%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	981	3.720	ug/l #	84
16) Acetone	2.380	43	12397	18.206	ug/l	92
18) Methyl Acetate	2.709	43	865	0.536	ug/l #	85
20) Methylene Chloride	2.788	84	4726	3.906	ug/l	96
25) 2-Butanone	4.568	43	4386	4.634	ug/l	92
29) Tetrahydrofuran	5.050	42	462	0.768	ug/l #	53
31) Cyclohexane	5.556	56	2488	1.367	ug/l #	37
36) 1,1-Dichloropropene	5.556	75	7913	5.115	ug/l #	50
37) Ethyl Acetate	4.727	43	2950	1.746	ug/l #	69
38) Carbon Tetrachloride	5.550	117	9878	6.674	ug/l #	16
41) Methacrylonitrile	5.019	41	179	0.209	ug/l #	49
43) Isopropyl Acetate	6.342	43	68449	25.692	ug/l	99
48) Methyl methacrylate	7.799	41	52271	39.828	ug/l #	49
51) 4-Methyl-2-Pentanone	8.549	43	54507	29.971	ug/l #	51
52) Toluene	8.714	92	851	0.303	ug/l	100
54) cis-1,3-Dichloropropene	8.549	75	23623	13.422	ug/l #	61
56) Ethyl methacrylate	9.244	69	552	0.325	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	2803	1.464	ug/l #	42
59) 2-Hexanone	9.378	43	67820	46.770	ug/l #	26
74) N-amyl acetate	10.768	43	889	0.565	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	41259	26.006	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	41259	76.402	ug/l #	5
90) Hexachloroethane	12.408	117	21	Below Cal	#	17

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

Quant Time: Feb 06 03:06:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 2024
Response via : Initial Calibration

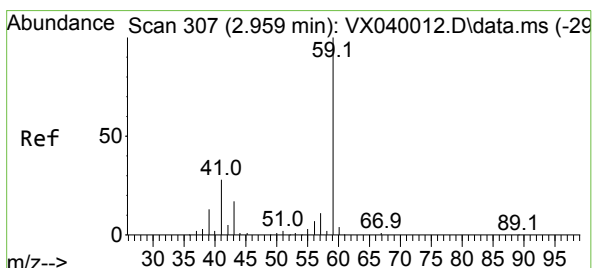
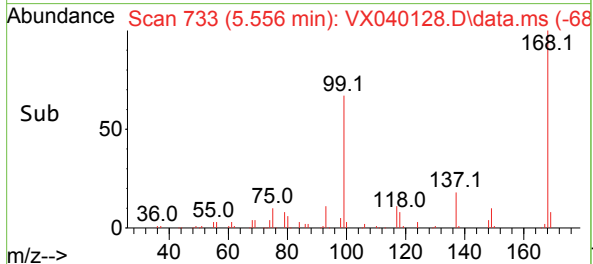
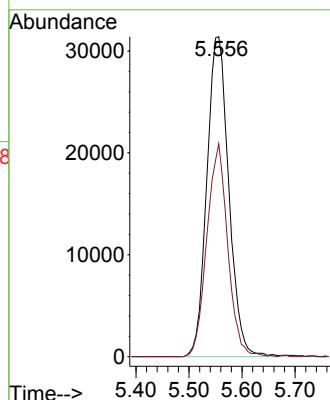
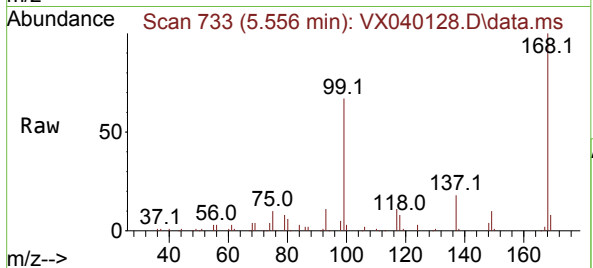




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040128.D
Acq: 05 Feb 2024 19:54

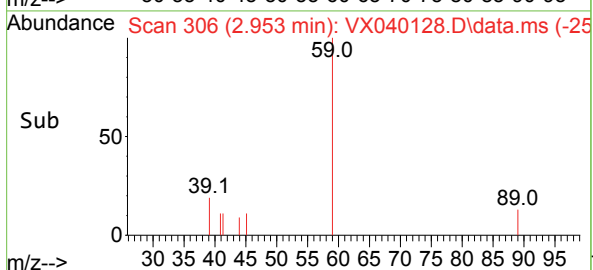
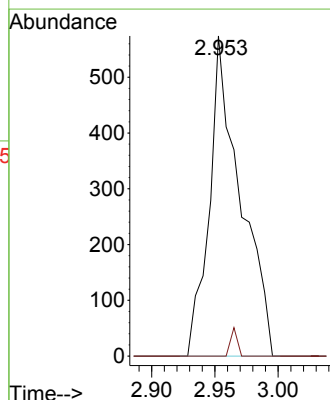
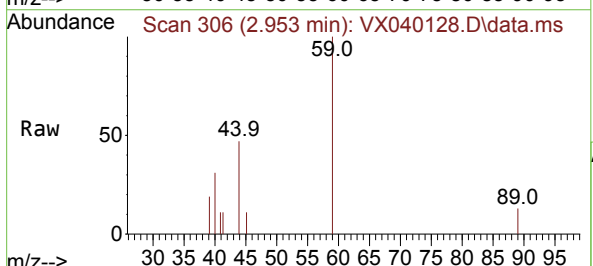
Instrument :
MSVOA_X
ClientSampleId :
VNJ-214

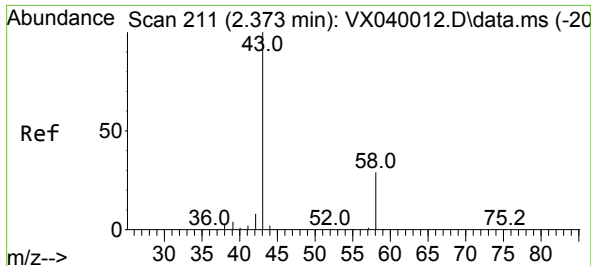
Tgt Ion:168 Resp: 90299
Ion Ratio Lower Upper
168 100
99 66.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 3.720 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX040128.D
Acq: 05 Feb 2024 19:54

Tgt Ion: 59 Resp: 981
Ion Ratio Lower Upper
59 100
57 1.9 6.0 9.0#

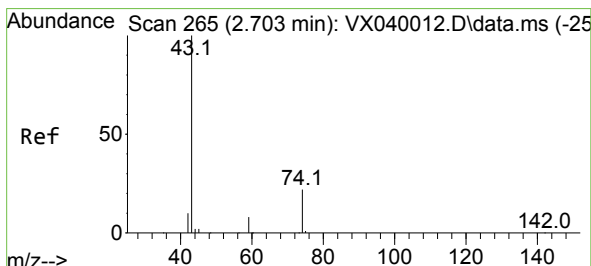
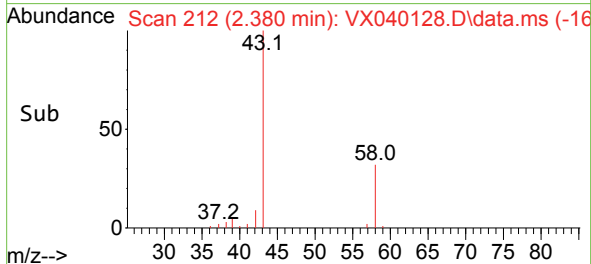
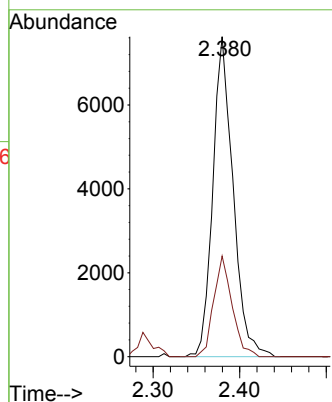
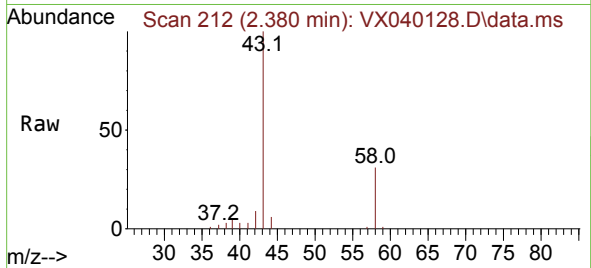




#16
Acetone
Concen: 18.206 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040128.D
Acq: 05 Feb 2024 19:54

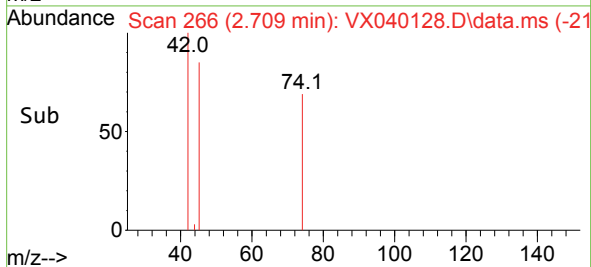
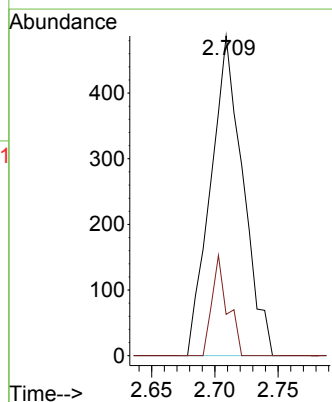
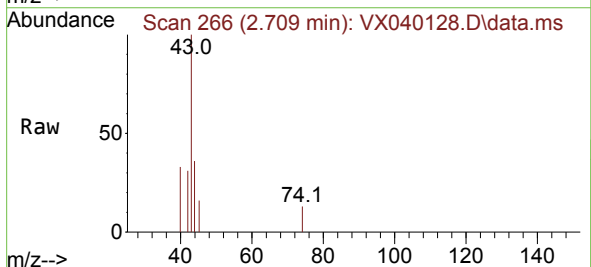
Instrument :
MSVOA_X
ClientSampleId :
VNJ-214

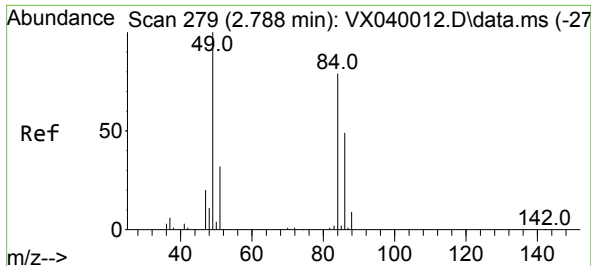
Tgt Ion: 43 Resp: 12397
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9



#18
Methyl Acetate
Concen: 0.536 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX040128.D
Acq: 05 Feb 2024 19:54

Tgt Ion: 43 Resp: 865
Ion Ratio Lower Upper
43 100
74 15.1 17.8 26.8#

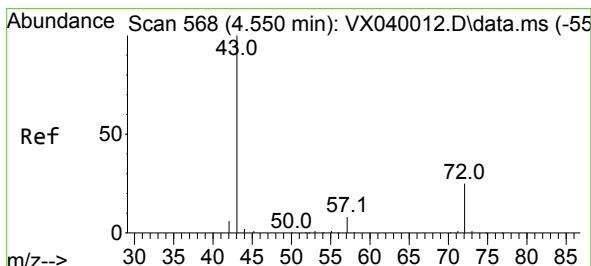
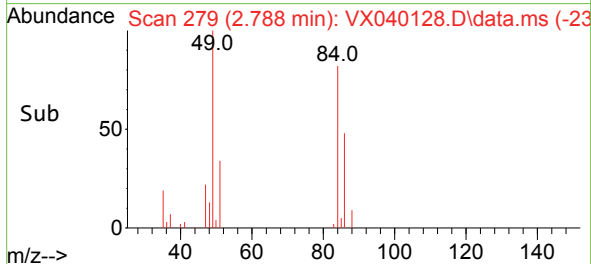
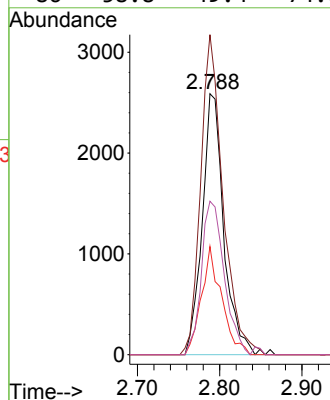
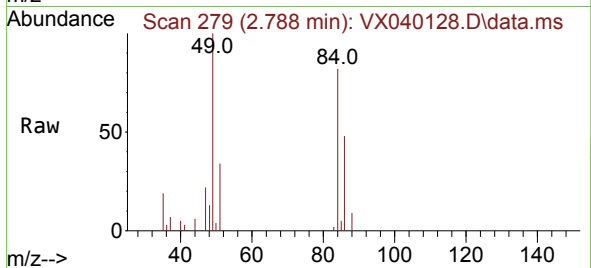




#20
Methylene Chloride
Concen: 3.906 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040128.D
Acq: 05 Feb 2024 19:54

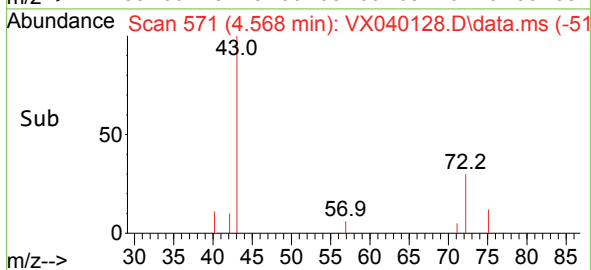
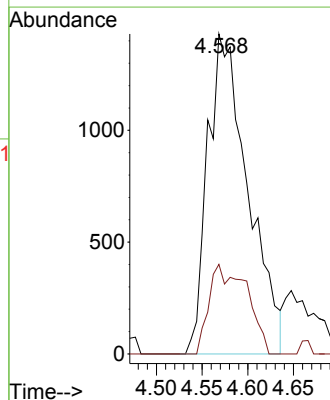
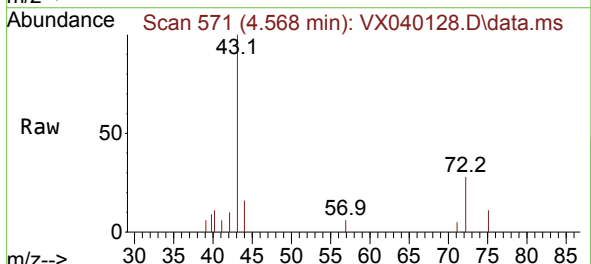
Instrument :
MSVOA_X
ClientSampleId :
VNJ-214

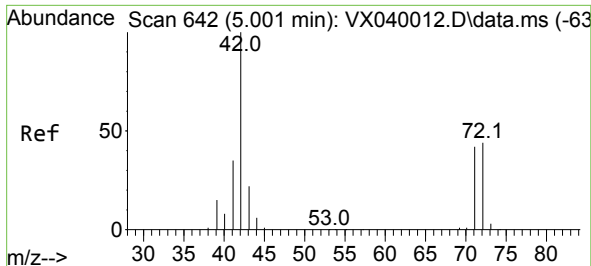
Tgt Ion:	84	Resp:	4726
Ion	Ratio	Lower	Upper
84	100		
49	122.6	103.6	155.4
51	41.5	33.8	50.6
86	58.8	49.4	74.0



#25
2-Butanone
Concen: 4.634 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX040128.D
Acq: 05 Feb 2024 19:54

Tgt Ion:	43	Resp:	4386
Ion	Ratio	Lower	Upper
43	100		
72	28.0	19.4	29.2





#29

Tetrahydrofuran

Concen: 0.768 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.049 min

Lab File: VX040128.D

Acq: 05 Feb 2024 19:54

Instrument :

MSVOA_X

ClientSampleId :

VNJ-214

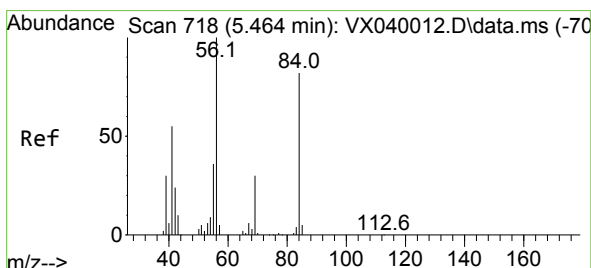
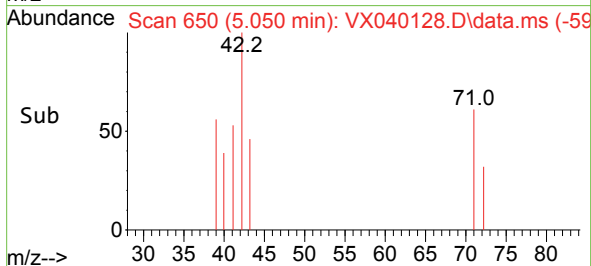
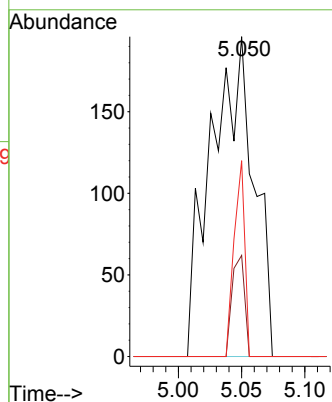
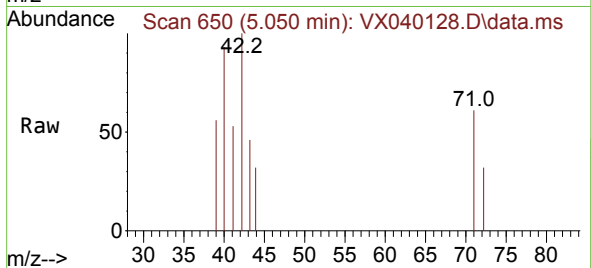
Tgt Ion: 42 Resp: 462

Ion Ratio Lower Upper

42 100

72 9.1 34.2 51.4#

71 15.2 32.2 48.2#



#31

Cyclohexane

Concen: 1.367 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.092 min

Lab File: VX040128.D

Acq: 05 Feb 2024 19:54

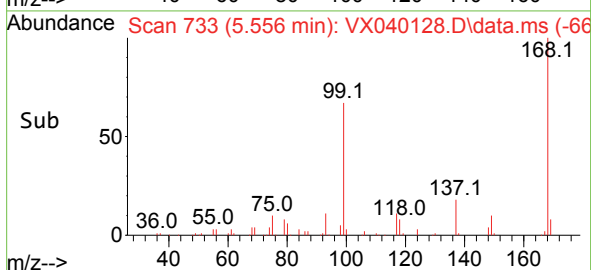
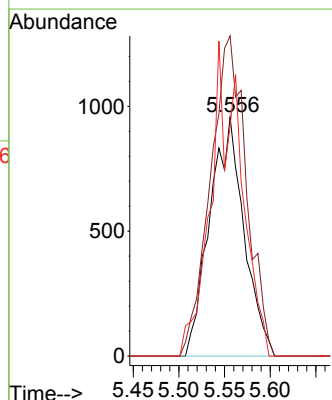
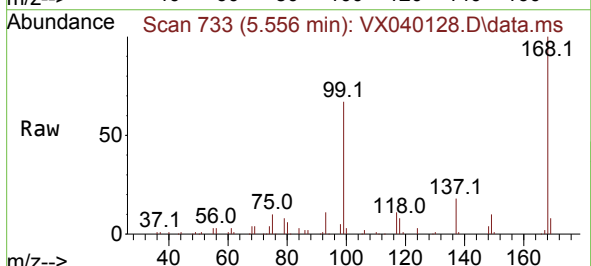
Tgt Ion: 56 Resp: 2488

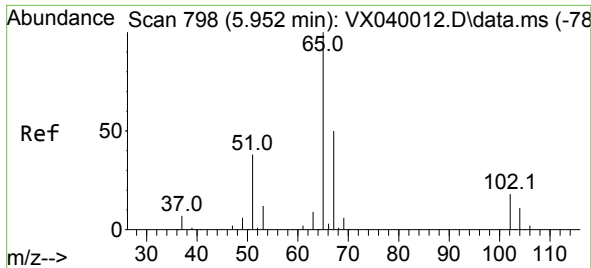
Ion Ratio Lower Upper

56 100

69 134.0 23.4 35.2#

84 96.2 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 43.496 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040128.D

Acq: 05 Feb 2024 19:54

Instrument :

MSVOA_X

ClientSampleId :

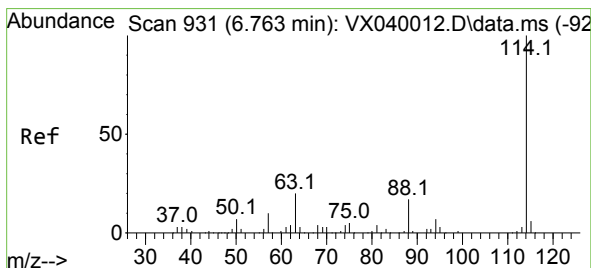
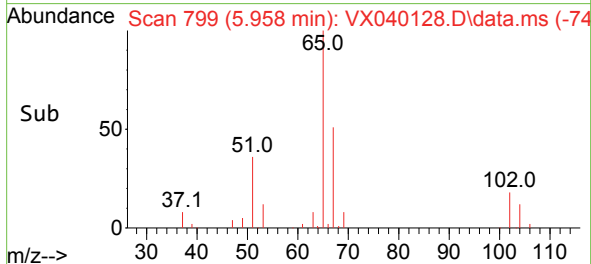
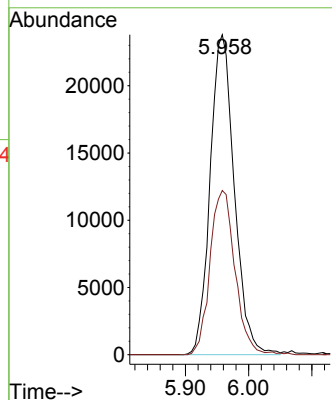
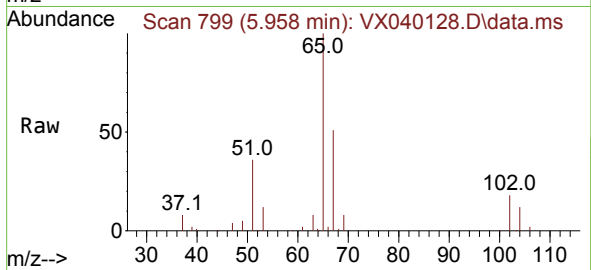
VNJ-214

Tgt Ion: 65 Resp: 63210

Ion Ratio Lower Upper

65 100

67 53.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040128.D

Acq: 05 Feb 2024 19:54

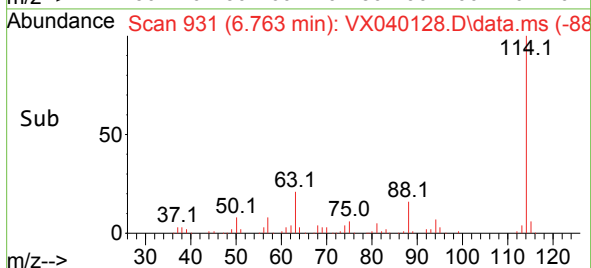
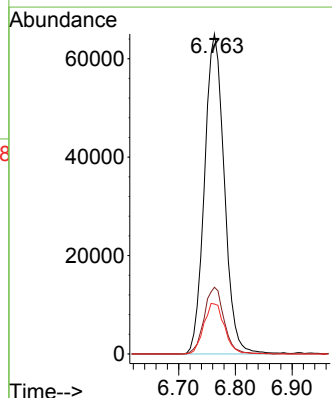
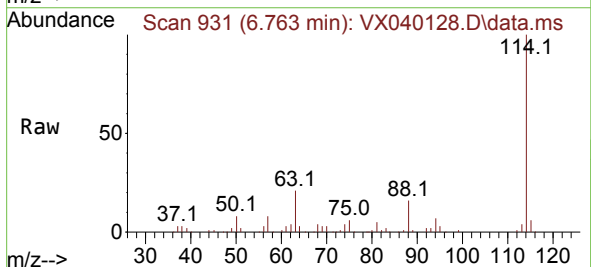
Tgt Ion: 114 Resp: 157129

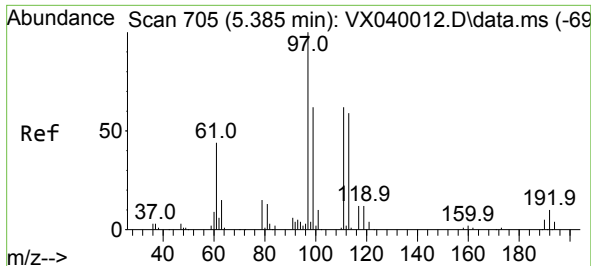
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

88 15.6 0.0 36.6

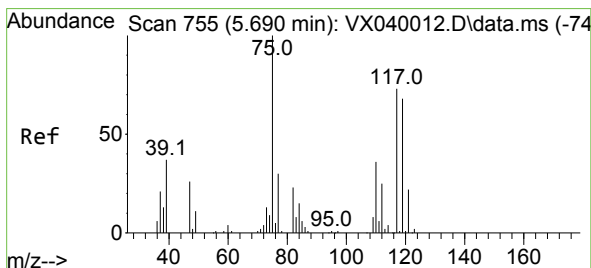
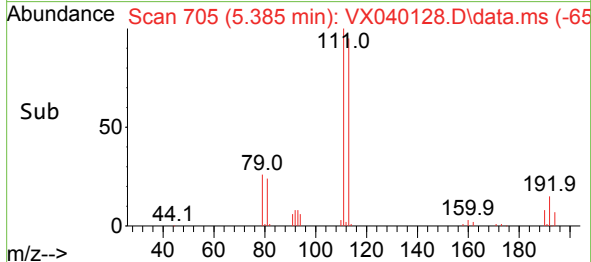
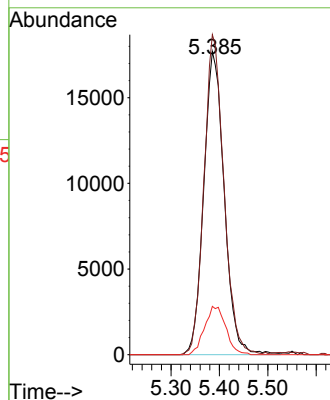
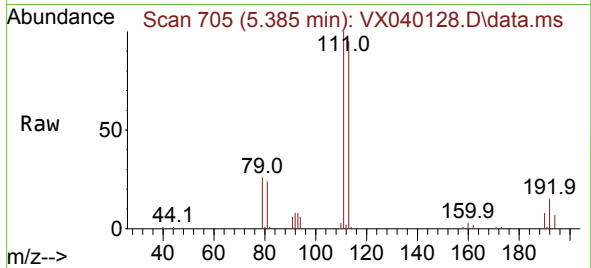




#35
Dibromofluoromethane
Concen: 48.608 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040128.D
Acq: 05 Feb 2024 19:54

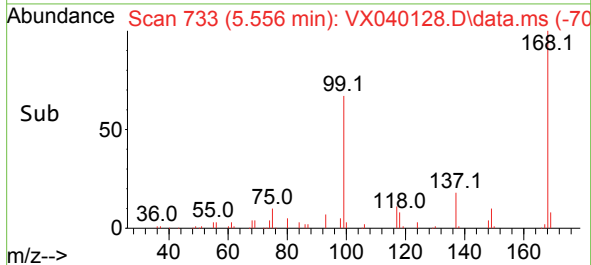
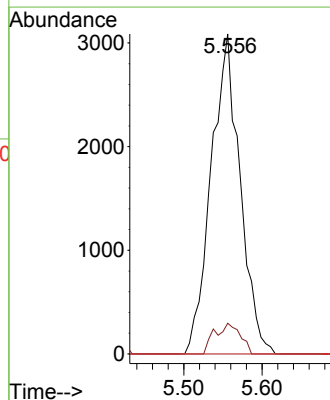
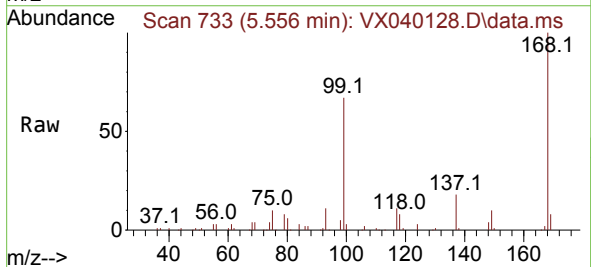
Instrument :
MSVOA_X
ClientSampleId :
VNJ-214

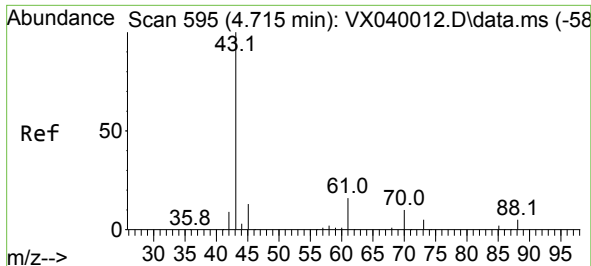
Tgt Ion:113 Resp: 51993
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 16.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.115 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX040128.D
Acq: 05 Feb 2024 19:54

Tgt Ion: 75 Resp: 7913
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.746 ug/l

RT: 4.727 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX040128.D

Acq: 05 Feb 2024 19:54

Instrument :

MSVOA_X

ClientSampleId :

VNJ-214

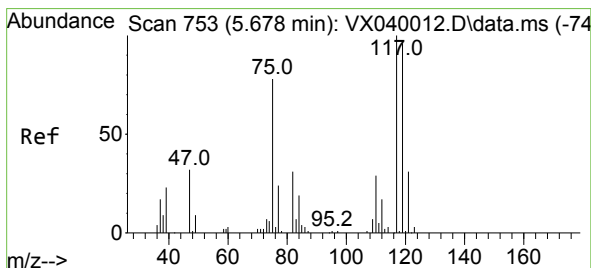
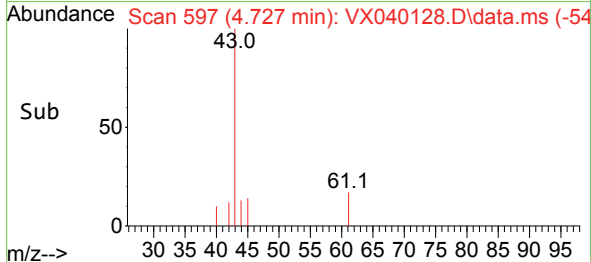
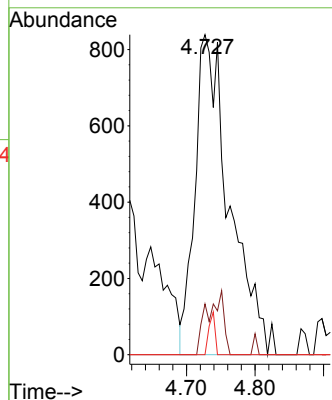
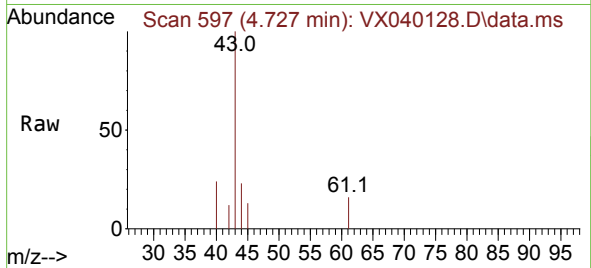
Tgt Ion: 43 Resp: 2950

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.674 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX040128.D

Acq: 05 Feb 2024 19:54

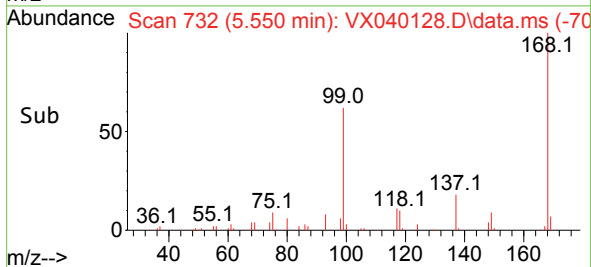
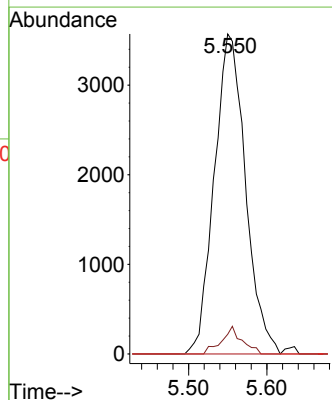
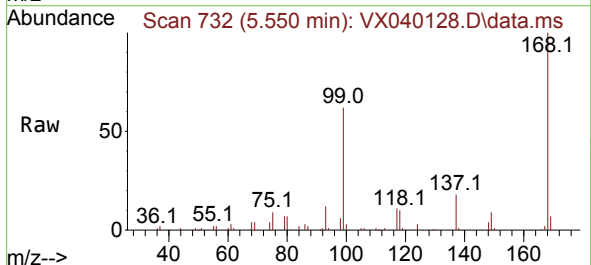
Tgt Ion: 117 Resp: 9878

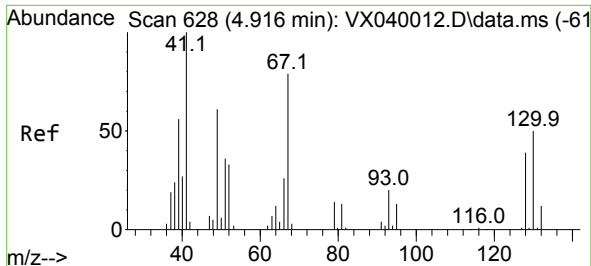
Ion Ratio Lower Upper

117 100

119 6.2 78.2 117.2#

121 0.0 24.4 36.6#

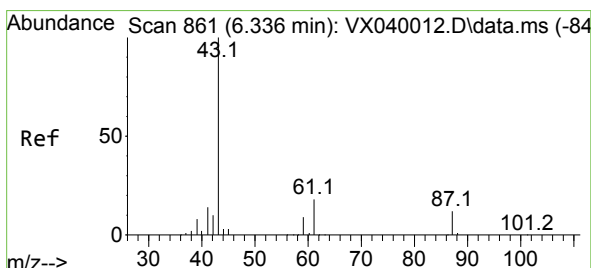
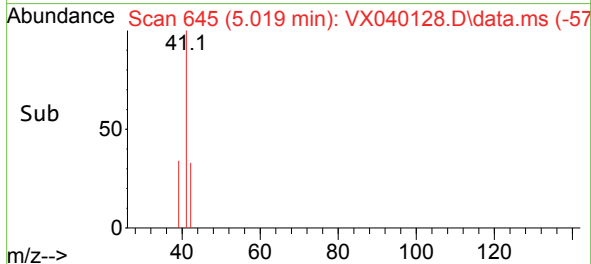
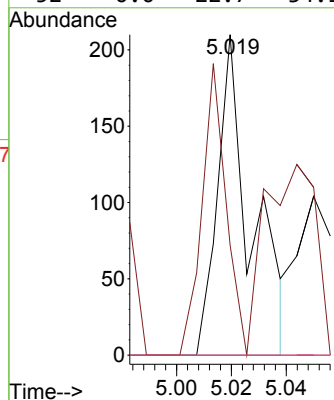
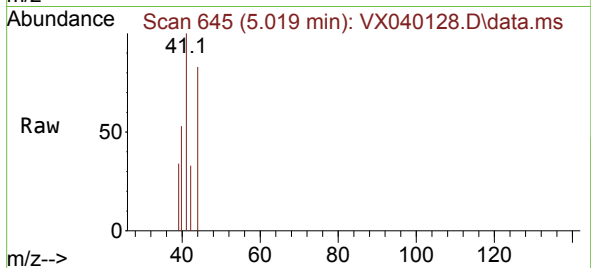




#41
Methacrylonitrile
Concen: 0.209 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.104 min
Lab File: VX040128.D
Acq: 05 Feb 2024 19:54

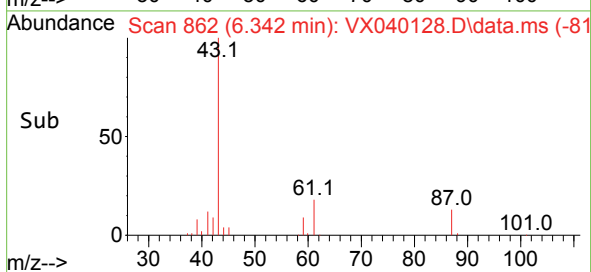
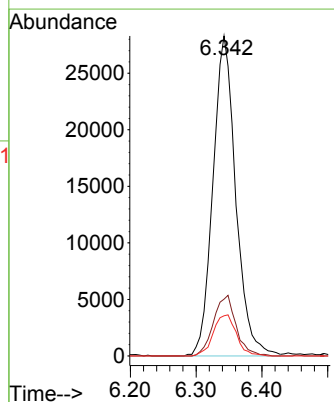
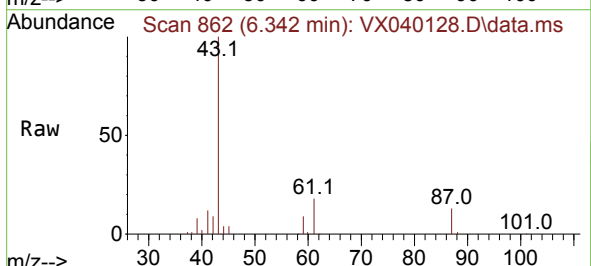
Instrument :
MSVOA_X
ClientSampleId :
VNJ-214

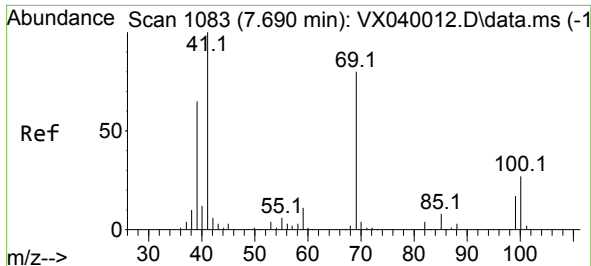
Tgt Ion:	41	Resp:	179
Ion	Ratio	Lower	Upper
41	100		
39	64.8	45.2	67.8
67	0.0	52.6	78.8#
52	0.0	22.7	34.1#



#43
Isopropyl Acetate
Concen: 25.692 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040128.D
Acq: 05 Feb 2024 19:54

Tgt Ion:	43	Resp:	68449
Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.2	22.8
87	13.0	9.8	14.6

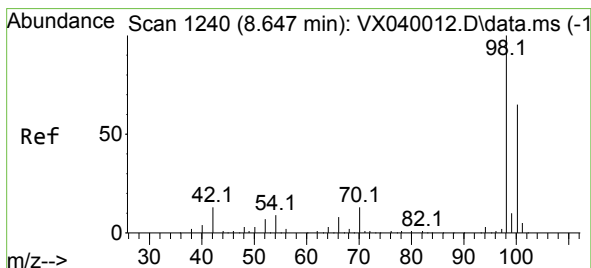
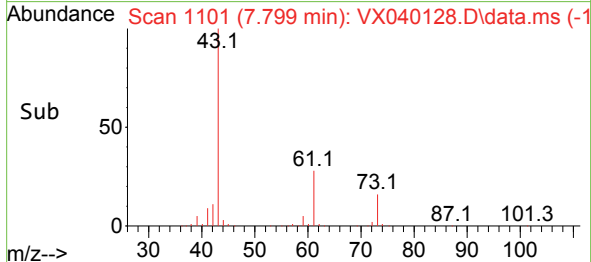
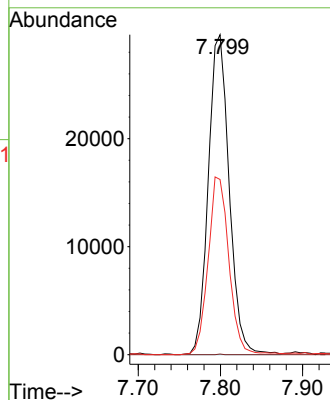
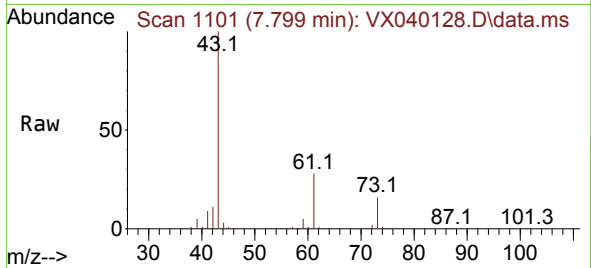




#48
Methyl methacrylate
Concen: 39.828 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX040128.D
Acq: 05 Feb 2024 19:54

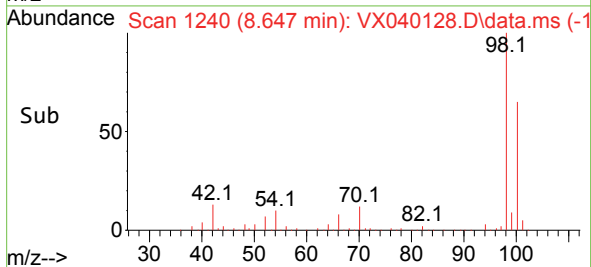
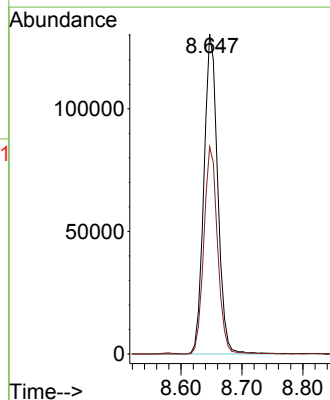
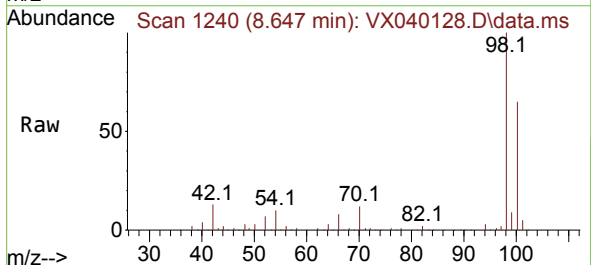
Instrument :
MSVOA_X
ClientSampleId :
VNJ-214

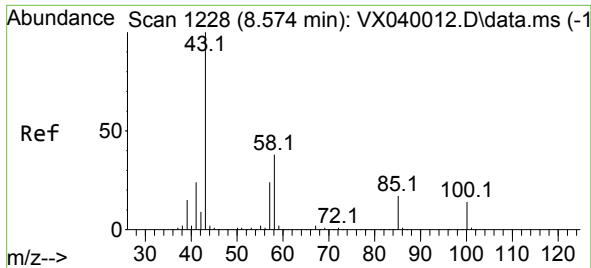
Tgt Ion: 41 Resp: 52271
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 55.6 47.7 71.5



#50
Toluene-d8
Concen: 51.280 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040128.D
Acq: 05 Feb 2024 19:54

Tgt Ion: 98 Resp: 205125
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7

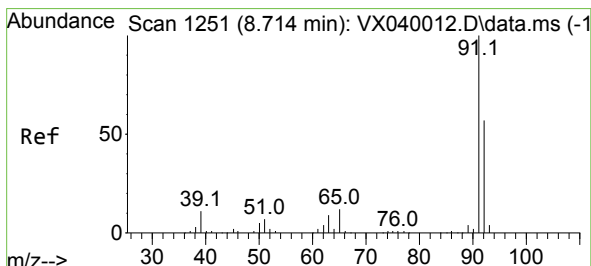
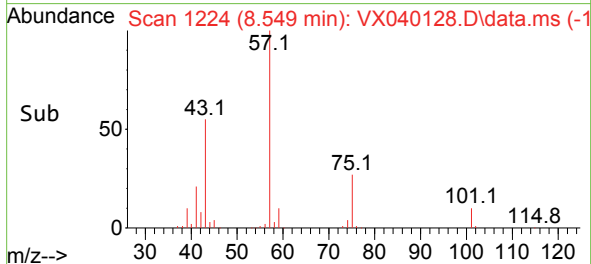
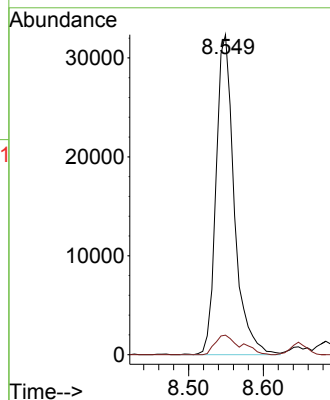
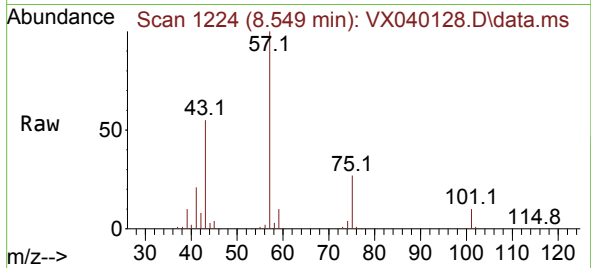




#51
4-Methyl-2-Pentanone
Concen: 29.971 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX040128.D
Acq: 05 Feb 2024 19:54

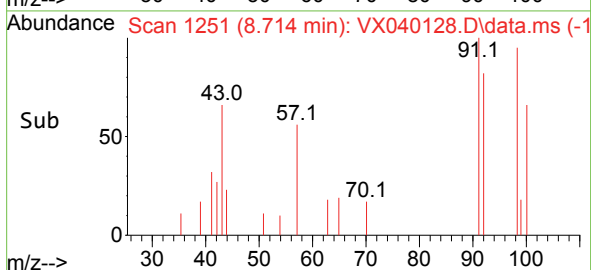
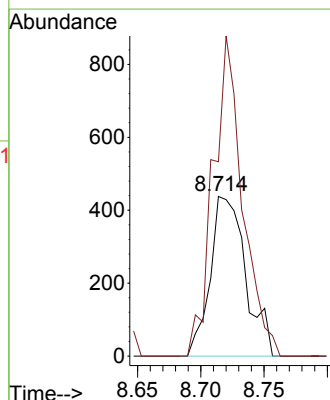
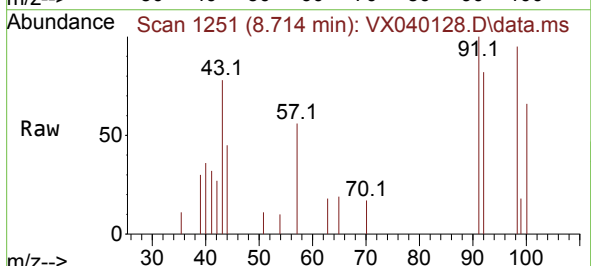
Instrument :
MSVOA_X
ClientSampleId :
VNJ-214

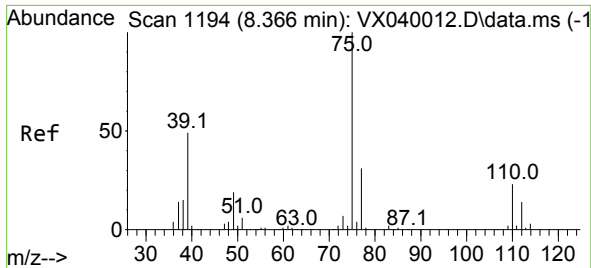
Tgt Ion: 43 Resp: 54507
Ion Ratio Lower Upper
43 100
58 8.6 30.4 45.6#



#52
Toluene
Concen: 0.303 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX040128.D
Acq: 05 Feb 2024 19:54

Tgt Ion: 92 Resp: 851
Ion Ratio Lower Upper
92 100
91 167.3 134.2 201.2

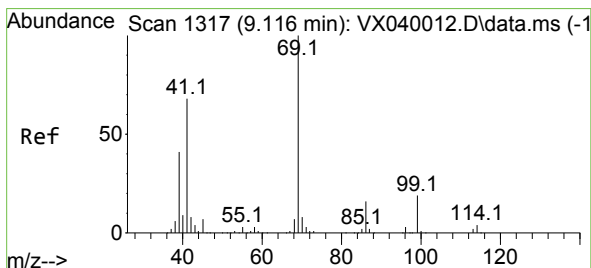
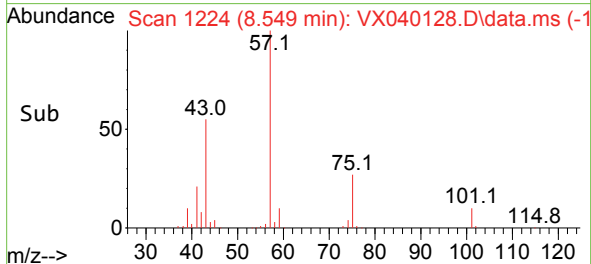
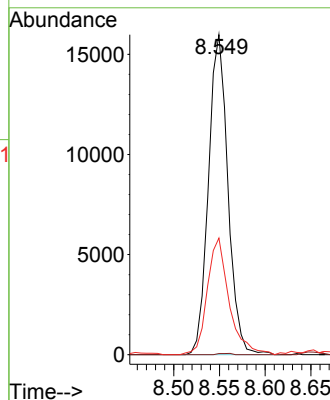
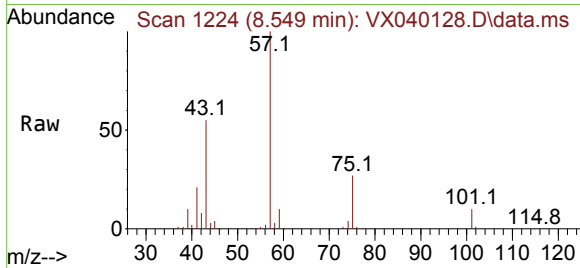




#54
 cis-1,3-Dichloropropene
 Concen: 13.422 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX040128.D
 Acq: 05 Feb 2024 19:54

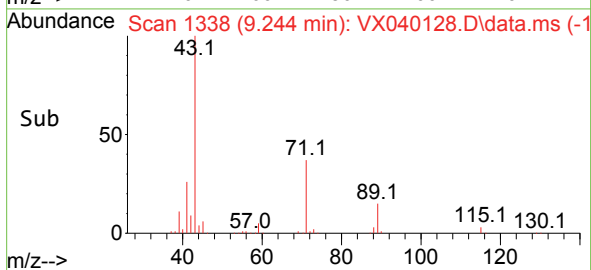
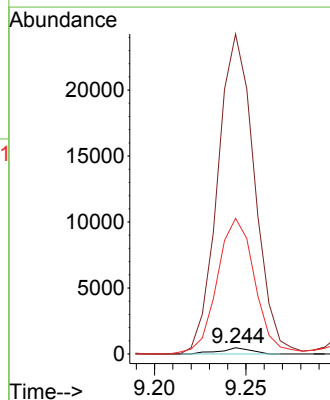
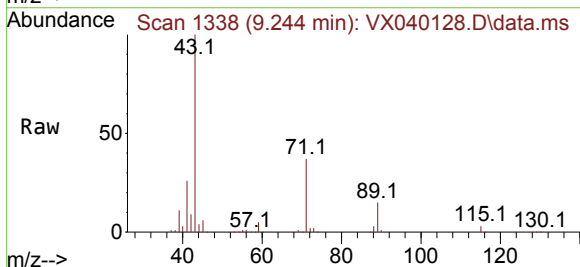
Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-214

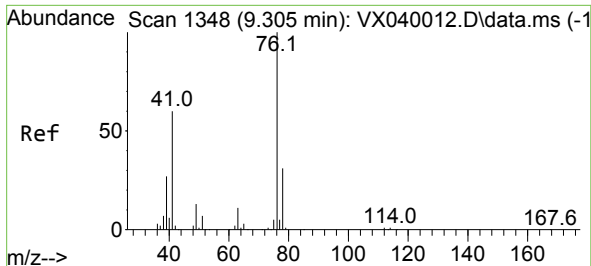
Tgt Ion: 75 Resp: 23623
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.3 37.9#
 39 36.5 46.7 70.1#



#56
 Ethyl methacrylate
 Concen: 0.325 ug/l
 RT: 9.244 min Scan# 1338
 Delta R.T. 0.128 min
 Lab File: VX040128.D
 Acq: 05 Feb 2024 19:54

Tgt Ion: 69 Resp: 552
 Ion Ratio Lower Upper
 69 100
 41 6164.9 56.8 85.2#
 39 2676.4 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 1.464 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX040128.D

Acq: 05 Feb 2024 19:54

Instrument :

MSVOA_X

ClientSampleId :

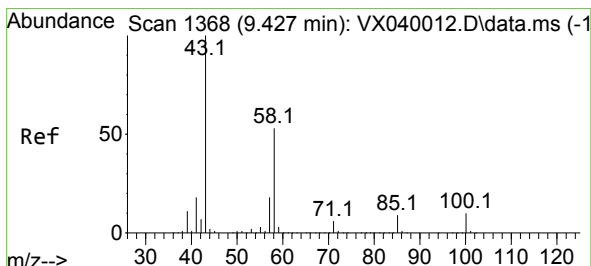
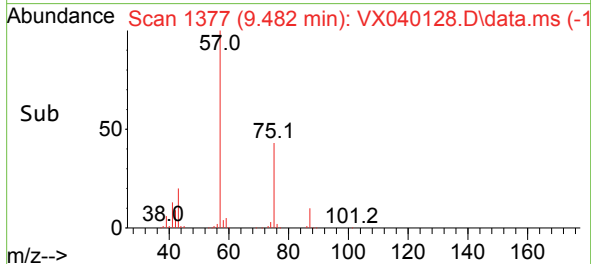
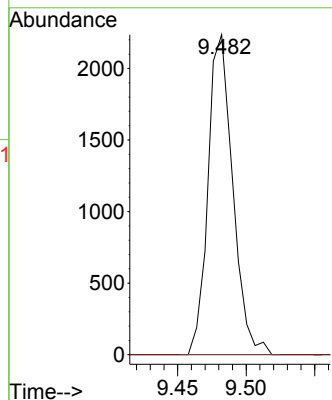
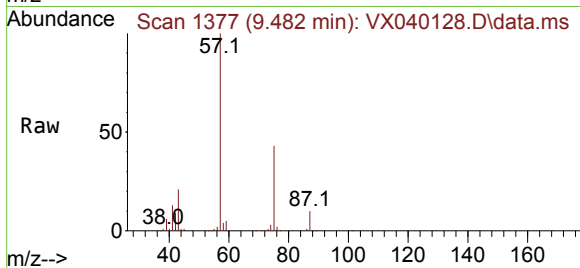
VNJ-214

Tgt Ion: 76 Resp: 2803

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 46.770 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.049 min

Lab File: VX040128.D

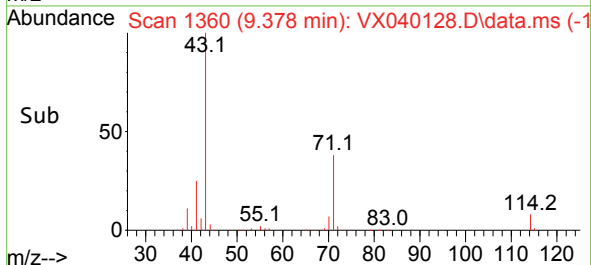
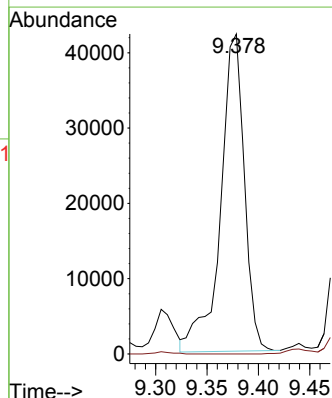
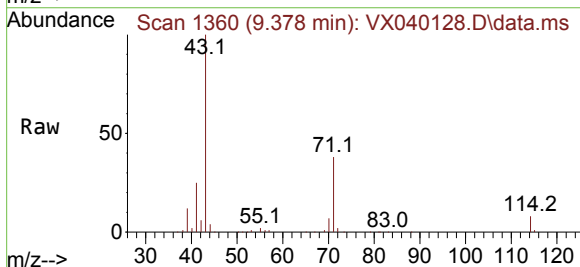
Acq: 05 Feb 2024 19:54

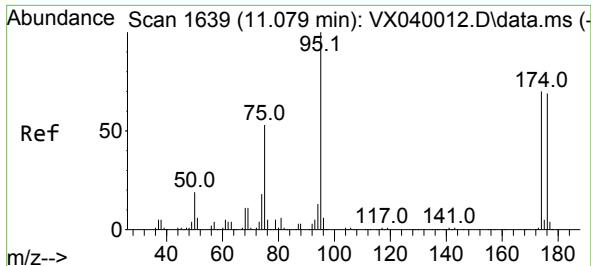
Tgt Ion: 43 Resp: 67820

Ion Ratio Lower Upper

43 100

58 0.0 26.2 78.5#

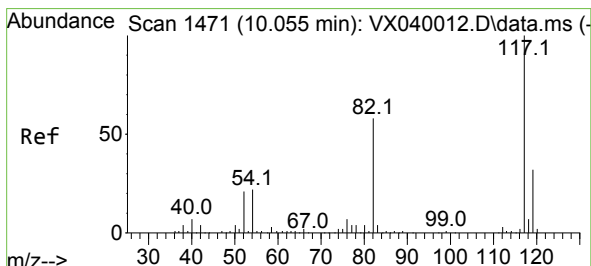
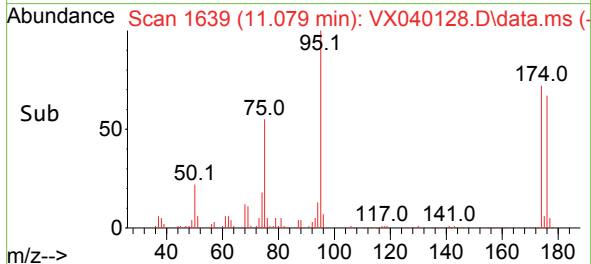
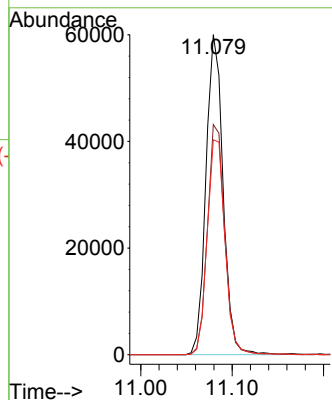
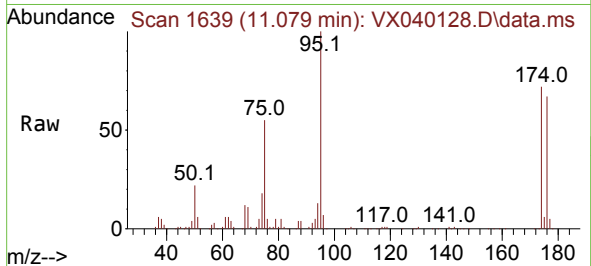




#62
4-Bromofluorobenzene
Concen: 50.486 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040128.D
Acq: 05 Feb 2024 19:54

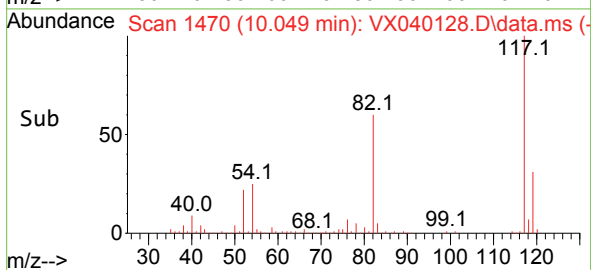
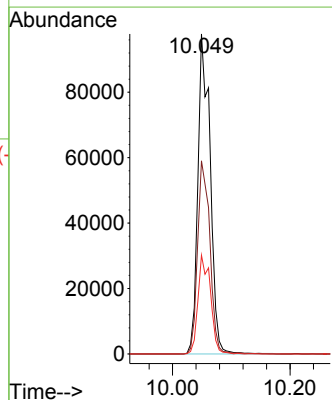
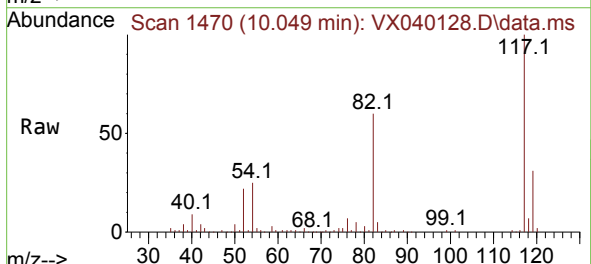
Instrument :
MSVOA_X
ClientSampleId :
VNJ-214

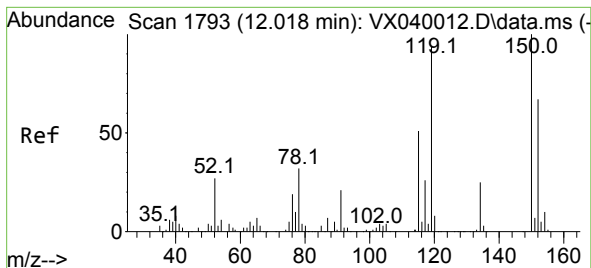
Tgt Ion: 95 Resp: 77762
Ion Ratio Lower Upper
95 100
174 72.9 0.0 135.6
176 69.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX040128.D
Acq: 05 Feb 2024 19:54

Tgt Ion: 117 Resp: 142253
Ion Ratio Lower Upper
117 100
82 60.4 46.2 69.4
119 30.9 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: VX040128.D

Acq: 05 Feb 2024 19:54

Instrument :

MSVOA_X

ClientSampleId :

VNJ-214

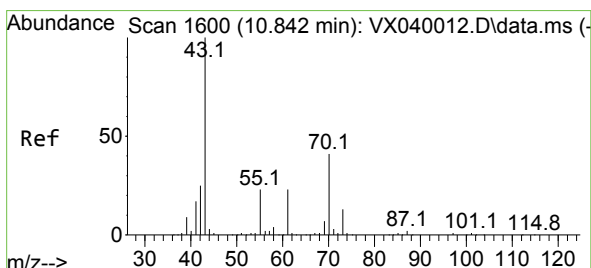
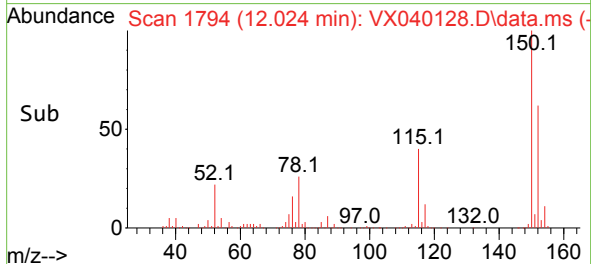
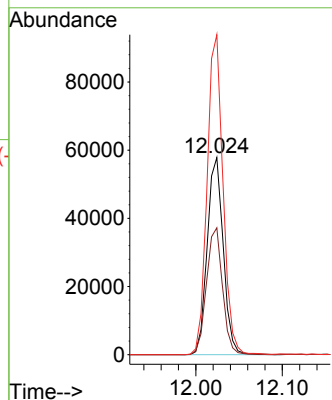
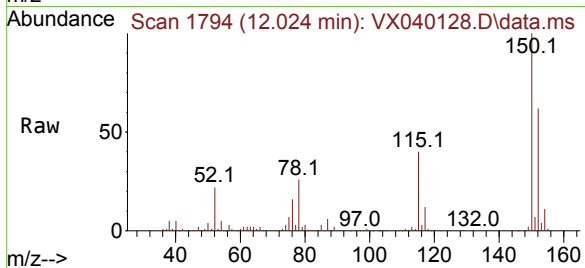
Tgt Ion:152 Resp: 74500

Ion Ratio Lower Upper

152 100

115 64.3 43.3 129.9

150 160.5 0.0 345.0



#74

N-ethyl acetate

Concen: 0.565 ug/l

RT: 10.768 min Scan# 1588

Delta R.T. -0.074 min

Lab File: VX040128.D

Acq: 05 Feb 2024 19:54

Tgt Ion: 43 Resp: 889

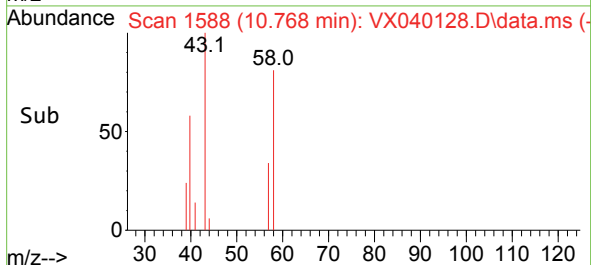
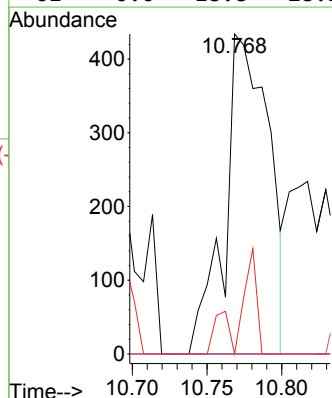
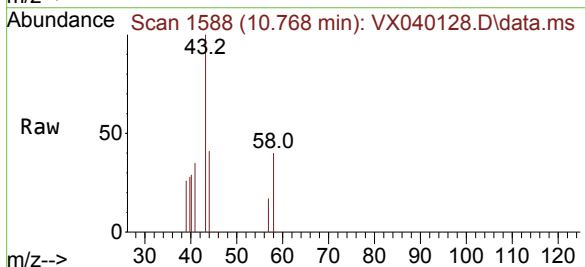
Ion Ratio Lower Upper

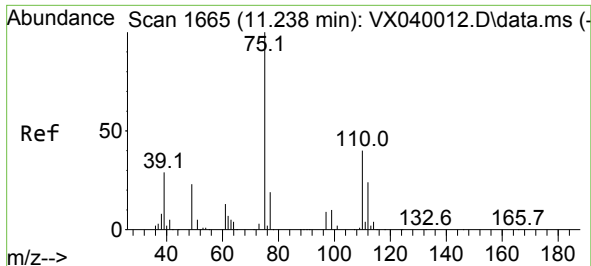
43 100

70 0.0 32.9 49.3#

55 13.6 19.3 28.9#

61 0.0 18.8 28.2#

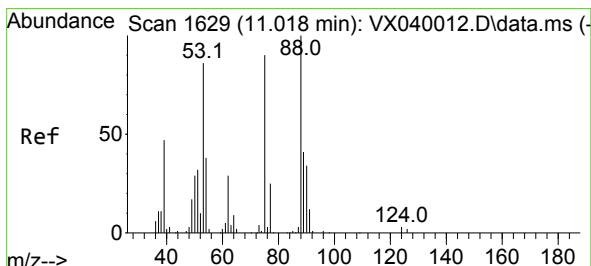
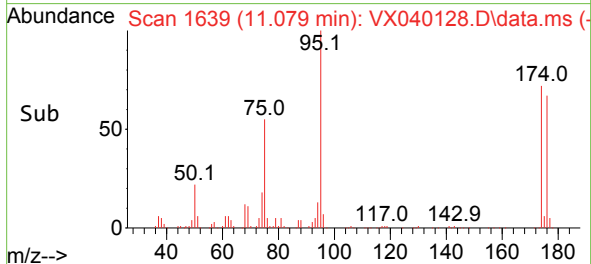
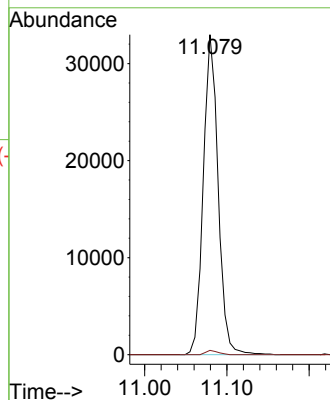
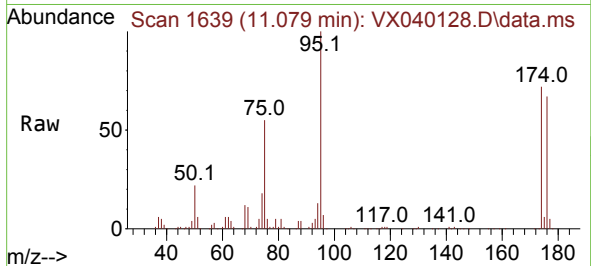




#76
1,2,3-Trichloropropane
Concen: 26.006 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040128.D
Acq: 05 Feb 2024 19:54

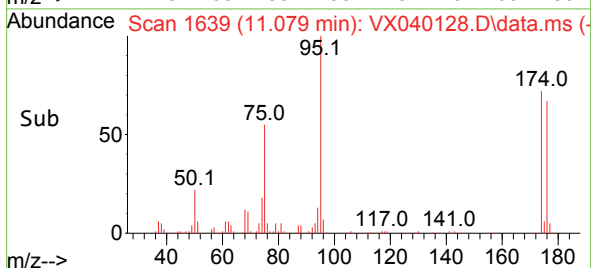
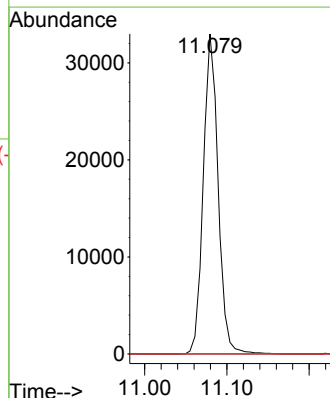
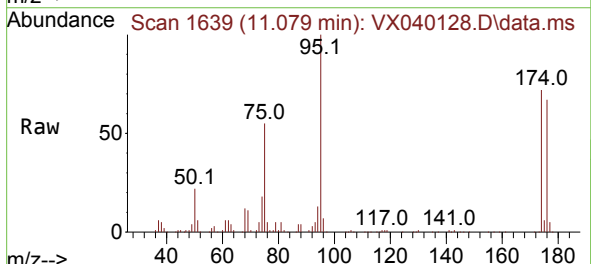
Instrument :
MSVOA_X
ClientSampleId :
VNJ-214

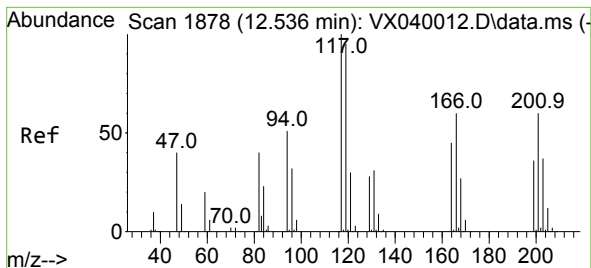
Tgt Ion: 75 Resp: 41259
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.402 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040128.D
Acq: 05 Feb 2024 19:54

Tgt Ion: 75 Resp: 41259
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#90

Hexachloroethane

Concen: Below Cal

RT: 12.408 min Scan# 11

Delta R.T. -0.128 min

Lab File: VX040128.D

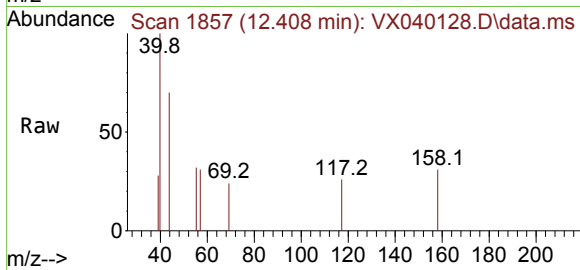
Acq: 05 Feb 2024 19:54

Instrument :

MSVOA_X

ClientSampleId :

VNJ-214



Tgt Ion:117 Resp: 21

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#

