

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071023\
 Data File : VX036492.D
 Acq On : 10 Jul 2023 18:53
 Operator : JC/MD
 Sample : 03555-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-203

Quant Time: Jul 11 01:33:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

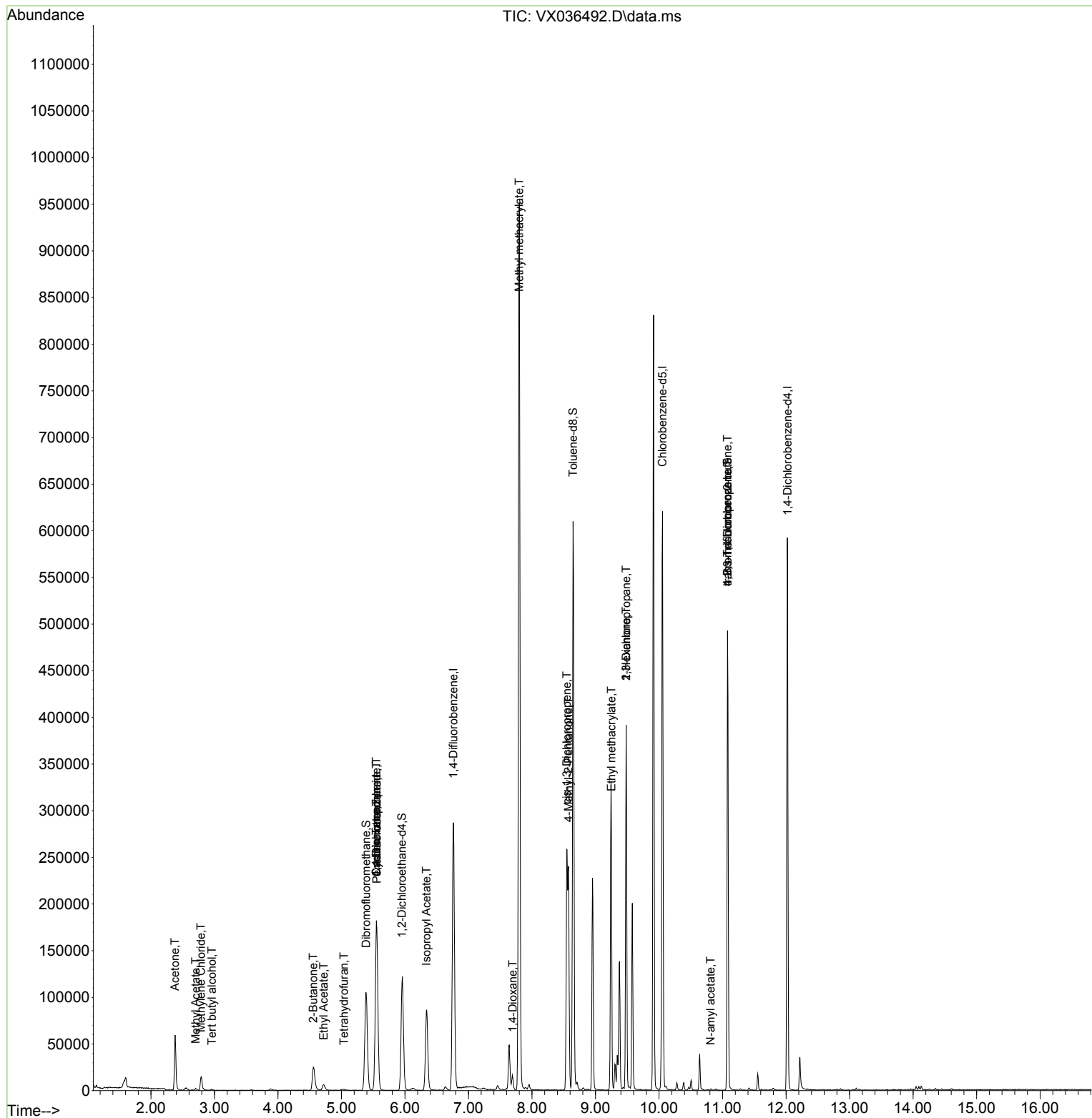
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

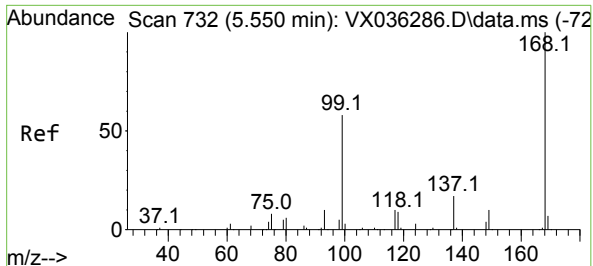
Internal Standards						
1) Pentafluorobenzene	5.556	168	170455	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	294579	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	274729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	113282	46.363	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.720%		
35) Dibromofluoromethane	5.385	113	92896	47.826	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.660%		
50) Toluene-d8	8.647	98	357966	49.342	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.680%		
62) 4-Bromofluorobenzene	11.079	95	129018	50.489	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.980%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	1036	2.329	ug/l #	78
16) Acetone	2.380	43	62595	59.936	ug/l	98
18) Methyl Acetate	2.703	43	2692	0.627	ug/l	97
20) Methylene Chloride	2.788	84	7593	3.377	ug/l	92
25) 2-Butanone	4.556	43	45376	30.240	ug/l	97
29) Tetrahydrofuran	5.038	42	1137	1.190	ug/l #	51
31) Cyclohexane	5.550	56	4007	1.280	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	13709	4.735	ug/l #	49
37) Ethyl Acetate	4.721	43	10371	3.514	ug/l	97
38) Carbon Tetrachloride	5.550	117	16884	6.385	ug/l #	16
43) Isopropyl Acetate	6.336	43	119608	25.407	ug/l	97
48) Methyl methacrylate	7.799	41	83846	35.721	ug/l #	48
49) 1,4-Dioxane	7.696	88	27	0.519	ug/l #	1
51) 4-Methyl-2-Pentanone	8.574	43	211009	69.572	ug/l #	81
54) cis-1,3-Dichloropropene	8.549	75	38404	11.994	ug/l #	59
56) Ethyl methacrylate	9.250	69	744	0.233	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3224	0.883	ug/l #	42
59) 2-Hexanone	9.482	43	43430	19.609	ug/l #	54
74) N-amyl acetate	10.811	43	865	0.231	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	65568	24.501	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	65568	79.866	ug/l #	5

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

Instrument :
MSVOA_X
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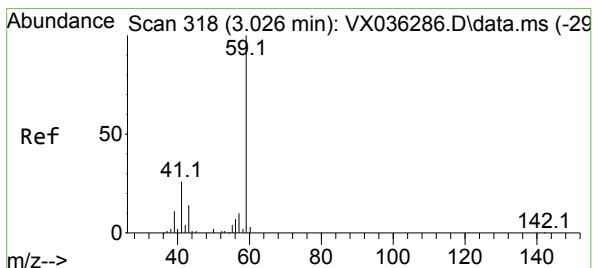
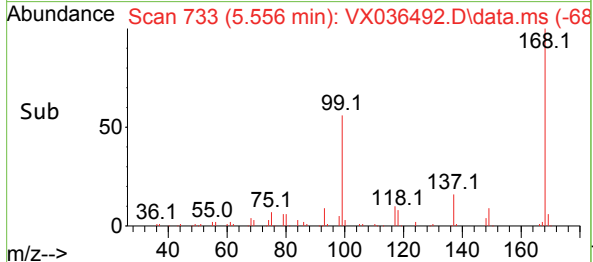
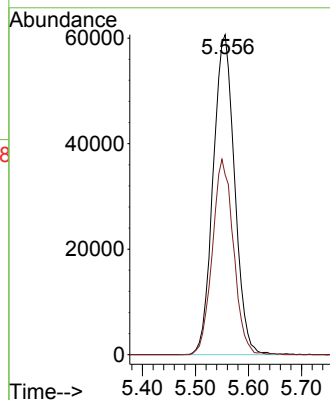
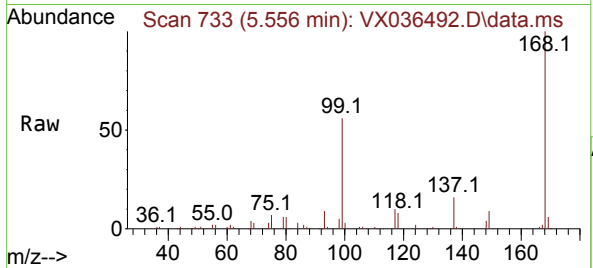




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

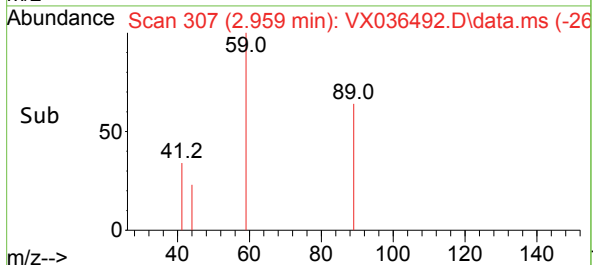
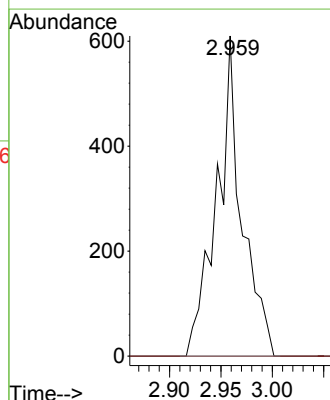
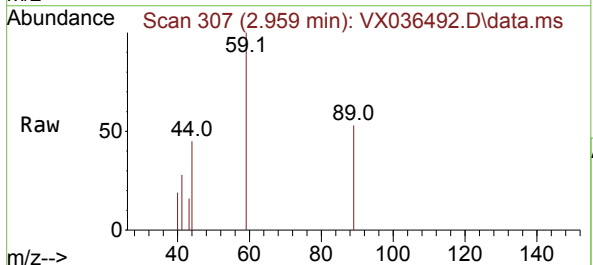
Instrument :
MSVOA_X
ClientSampleId :
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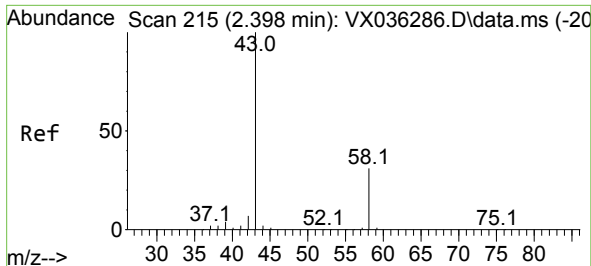
Tgt Ion:168 Resp: 170455
Ion Ratio Lower Upper
168 100
99 56.2 56.6 85.0#



#11
Tert butyl alcohol
Concen: 2.329 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.054 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

Tgt Ion: 59 Resp: 1036
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

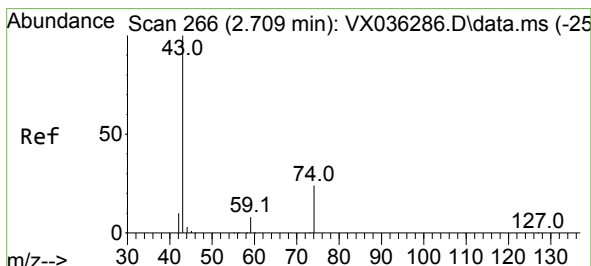
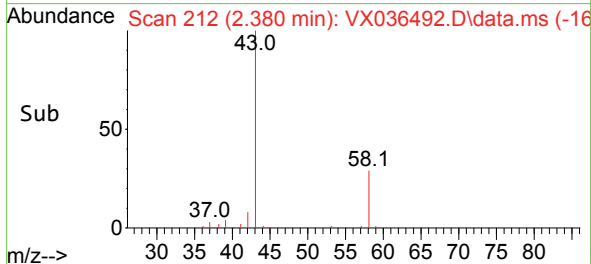
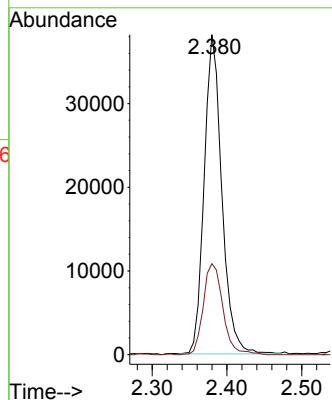
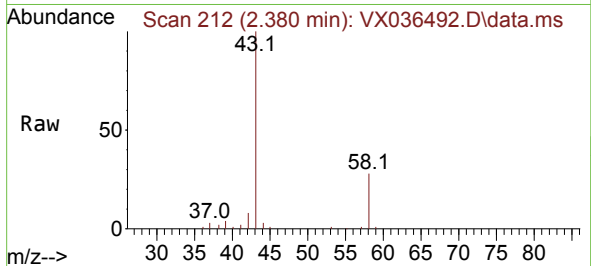




#16
Acetone
Concen: 59.936 ug/l
RT: 2.380 min Scan# 215
Delta R.T. -0.024 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

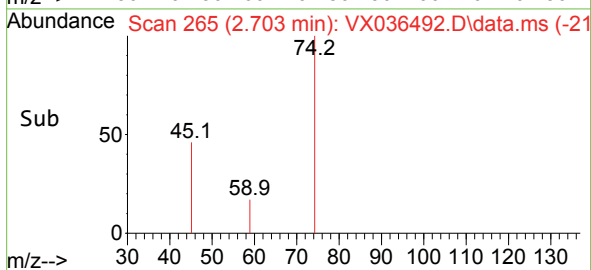
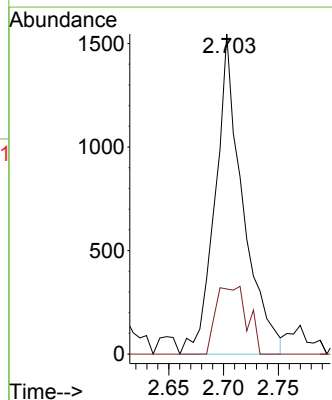
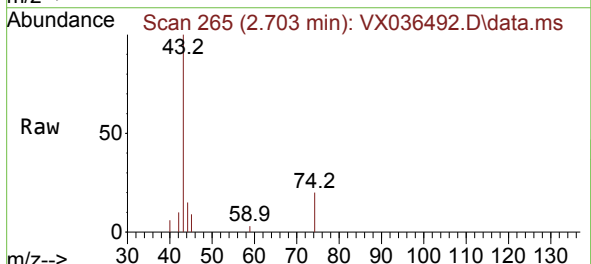
Instrument :
MSVOA_X
ClientSampleId :
VNJ-203

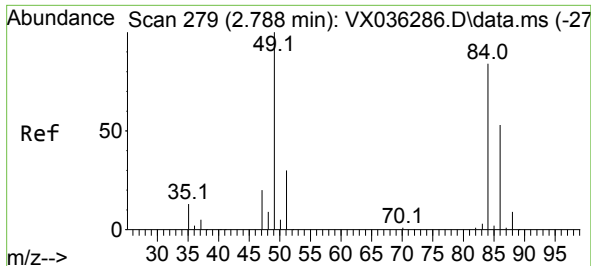
Tgt Ion: 43 Resp: 62595
Ion Ratio Lower Upper
43 100
58 28.5 21.9 32.9



#18
Methyl Acetate
Concen: 0.627 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

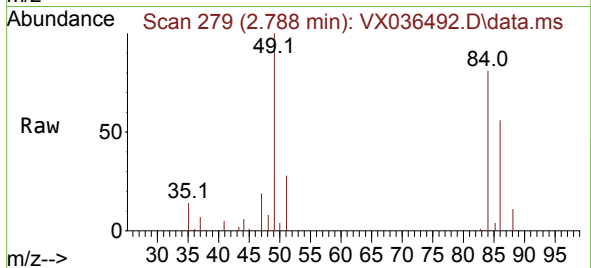
Tgt Ion: 43 Resp: 2692
Ion Ratio Lower Upper
43 100
74 23.9 17.8 26.8



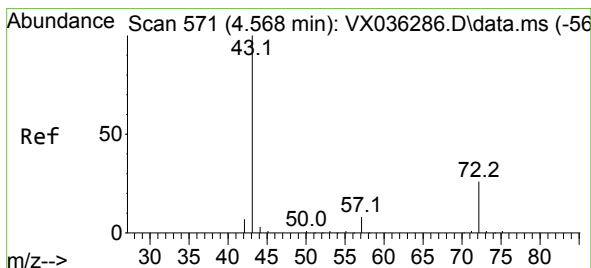
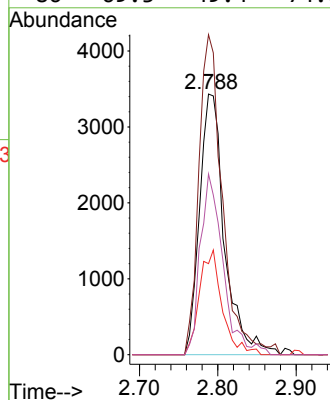
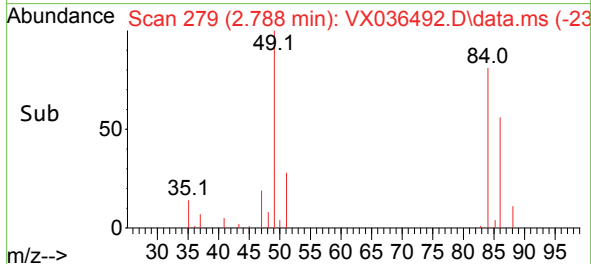


#20
Methylene Chloride
Concen: 3.377 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

Instrument :
MSVOA_X
ClientSampleId :
VNJ-203

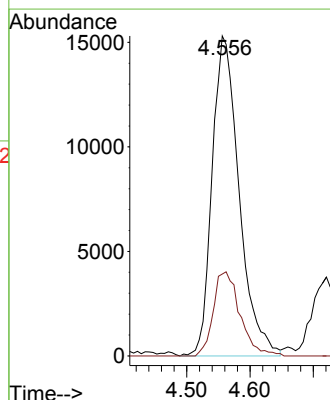
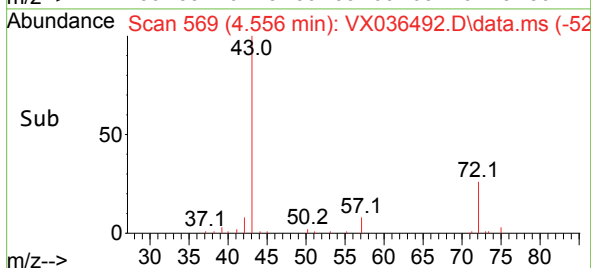
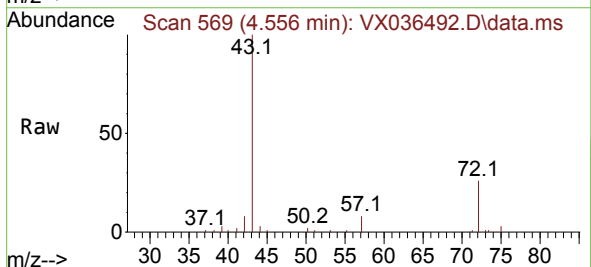


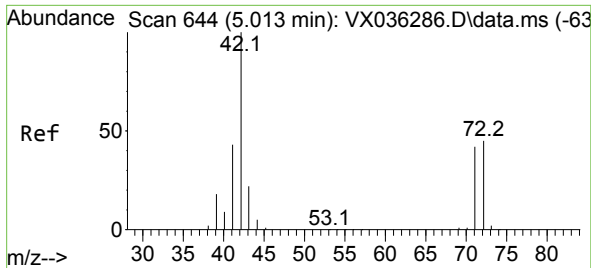
Tgt Ion:	84	Resp:	7593
Ion	Ratio	Lower	Upper
84	100		
49	122.8	103.6	155.4
51	34.9	33.8	50.6
86	69.3	49.4	74.0



#25
2-Butanone
Concen: 30.240 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

Tgt Ion:	43	Resp:	45376
Ion	Ratio	Lower	Upper
43	100		
72	25.6	19.4	29.2

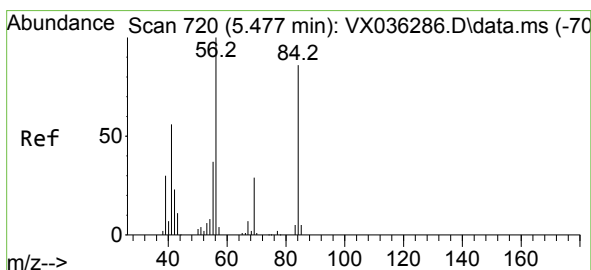
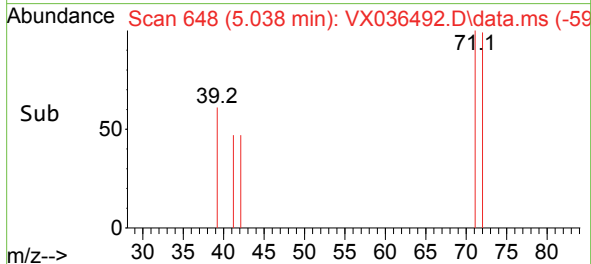
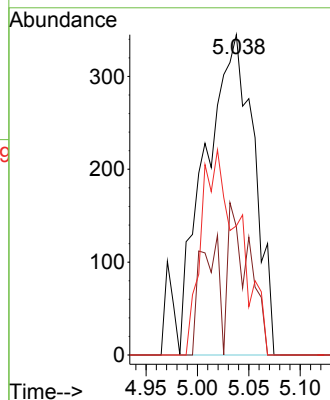
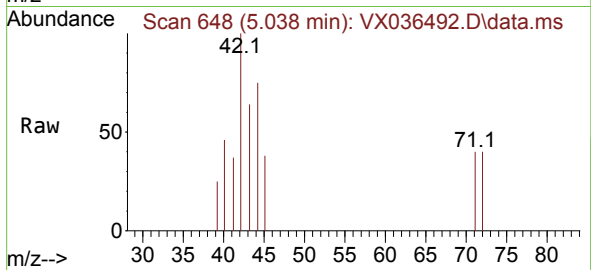




#29
Tetrahydrofuran
Concen: 1.190 ug/l
RT: 5.038 min Scan# 644
Delta R.T. 0.019 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

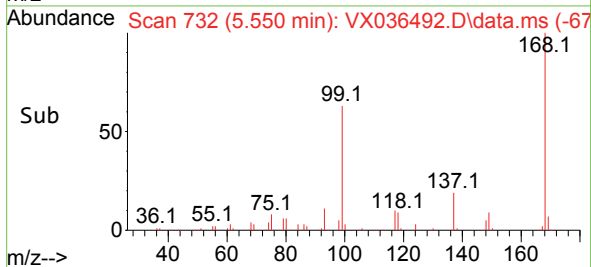
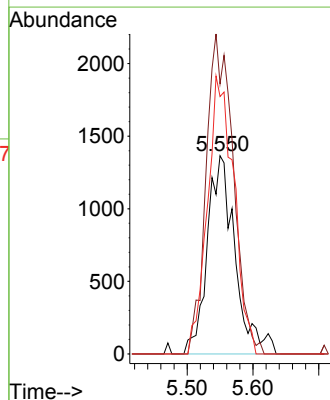
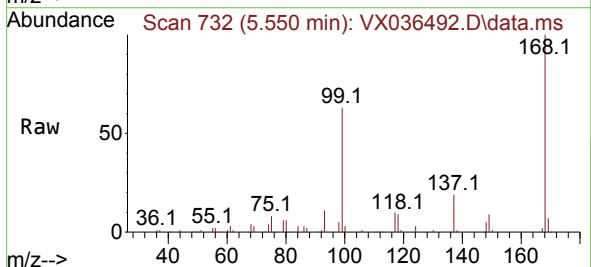
Instrument :
MSVOA_X
ClientSampleId :
VNJ-203

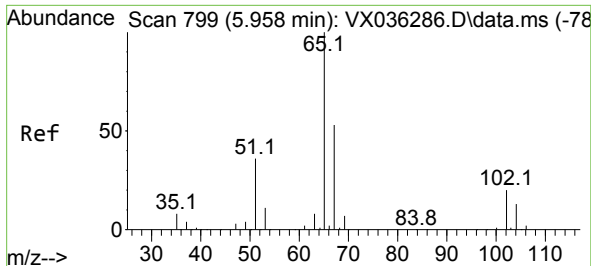
Tgt Ion: 42 Resp: 1137
Ion Ratio Lower Upper
42 100
72 20.5 34.2 51.4#
71 0.0 32.2 48.2#



#31
Cyclohexane
Concen: 1.280 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

Tgt Ion: 56 Resp: 4007
Ion Ratio Lower Upper
56 100
69 136.3 23.4 35.2#
84 129.9 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.363 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036492.D

Acq: 10 Jul 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

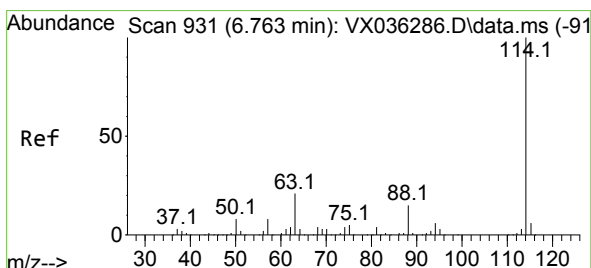
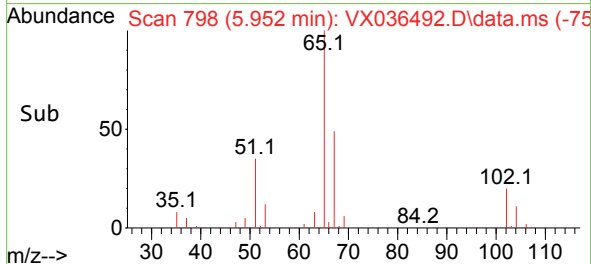
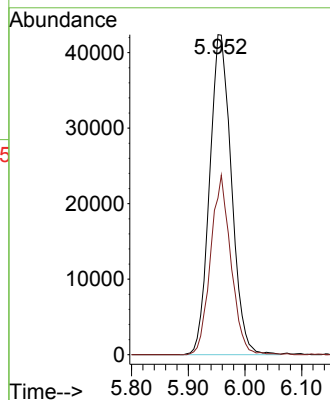
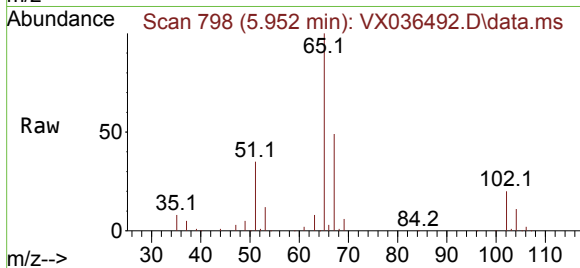
VNJ-203

Tgt Ion: 65 Resp: 113282

Ion Ratio Lower Upper

65 100

67 52.3 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: VX036492.D

Acq: 10 Jul 2023 18:53

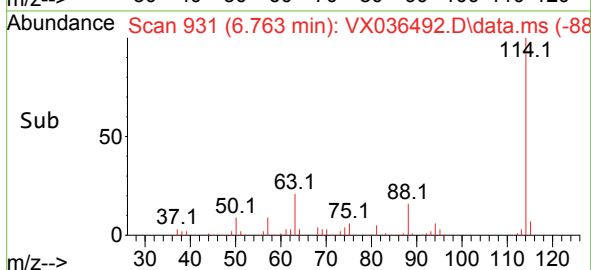
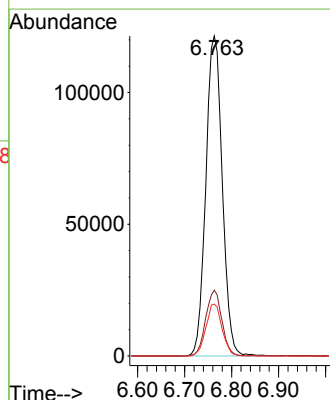
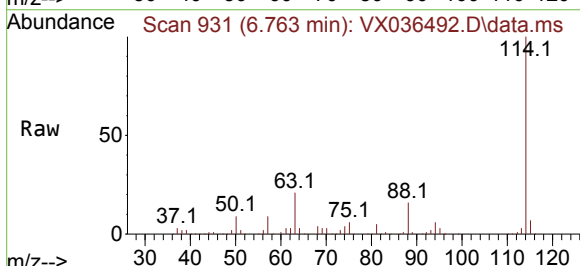
Tgt Ion: 114 Resp: 294579

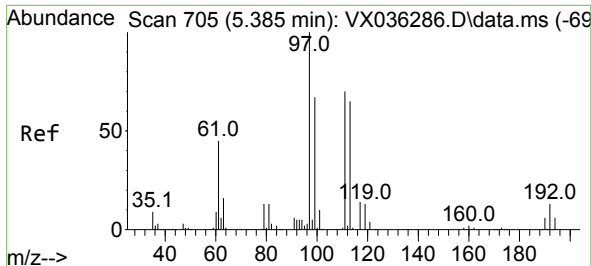
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

88 16.2 0.0 36.6

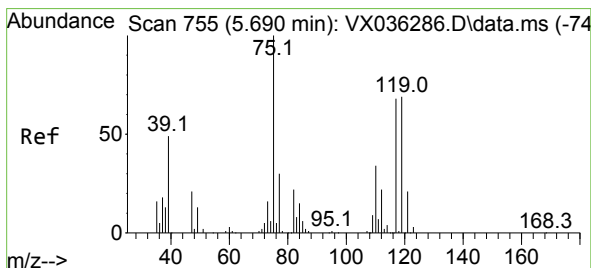
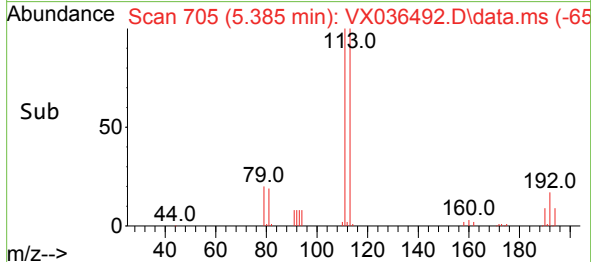
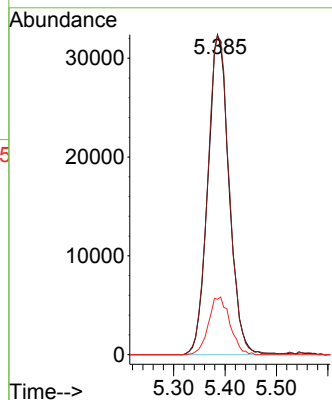
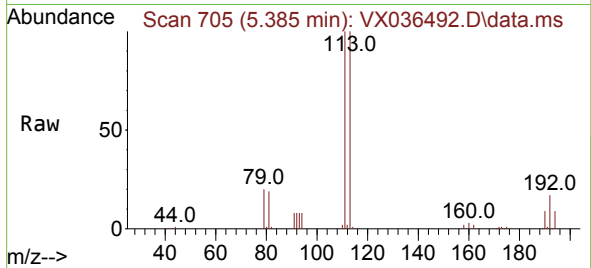




#35
Dibromofluoromethane
Concen: 47.826 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

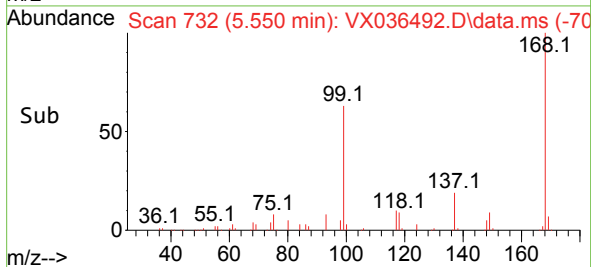
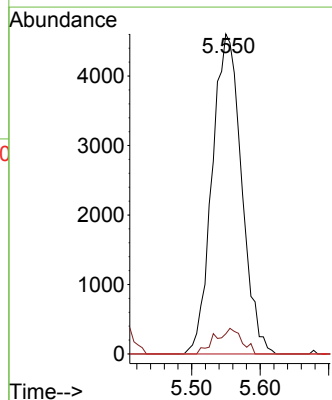
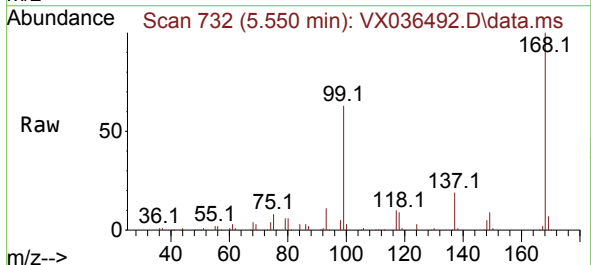
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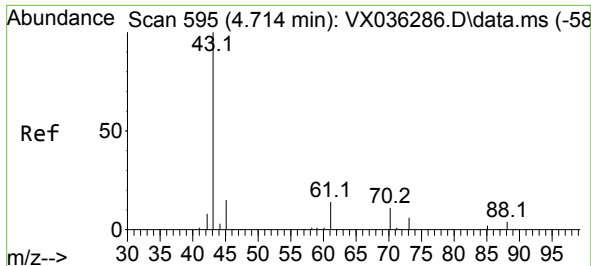
Tgt Ion:113 Resp: 92896
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 18.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.735 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

Tgt Ion: 75 Resp: 13709
Ion Ratio Lower Upper
75 100
110 7.2 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 3.514 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.007 min

Lab File: VX036492.D

Acq: 10 Jul 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

VNJ-203

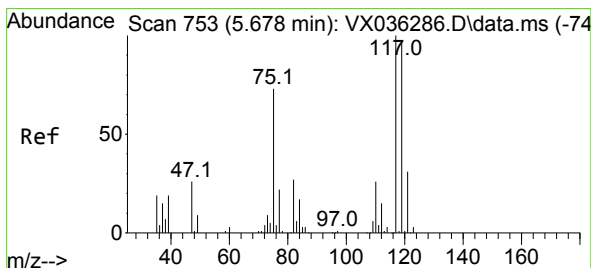
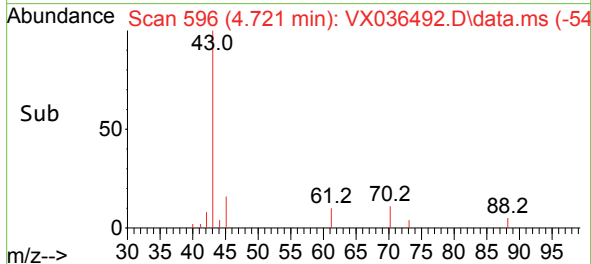
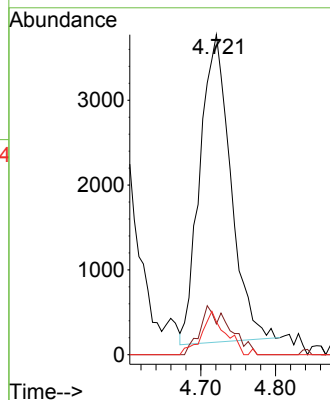
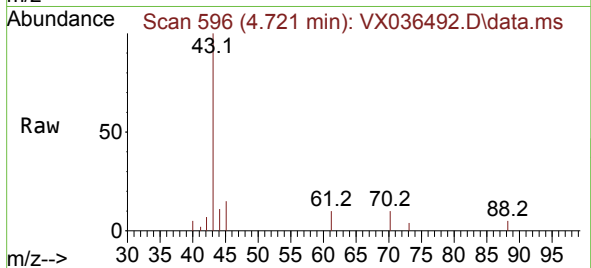
Tgt Ion: 43 Resp: 10371

Ion Ratio Lower Upper

43 100

61 15.2 10.6 16.0

70 10.8 8.3 12.5



#38

Carbon Tetrachloride

Concen: 6.385 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX036492.D

Acq: 10 Jul 2023 18:53

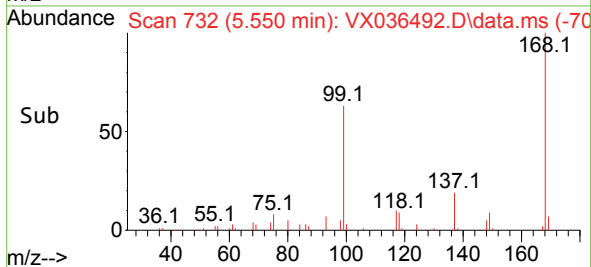
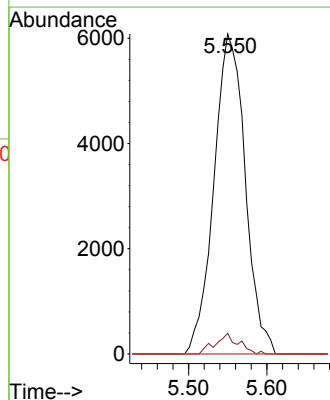
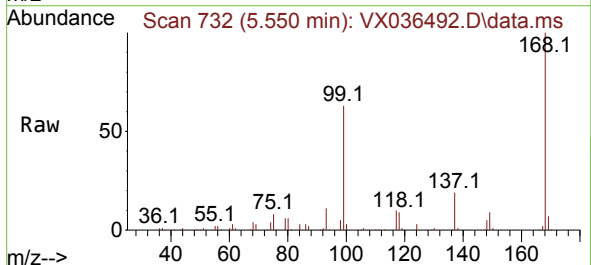
Tgt Ion: 117 Resp: 16884

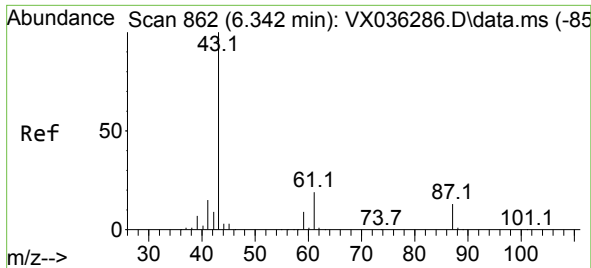
Ion Ratio Lower Upper

117 100

119 6.5 78.2 117.2#

121 0.0 24.4 36.6#

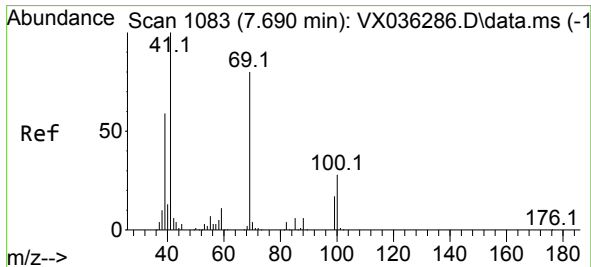
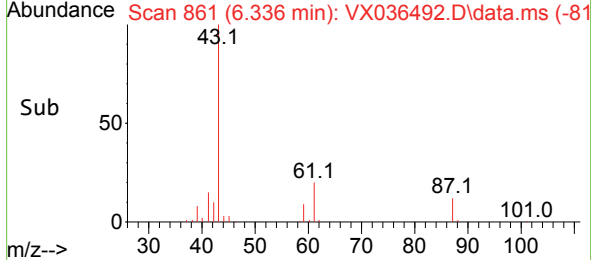
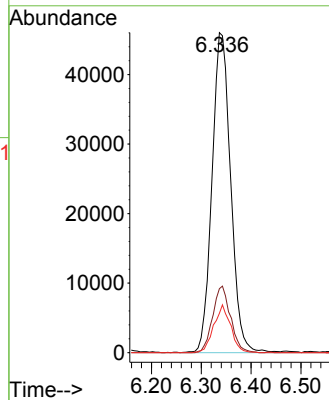
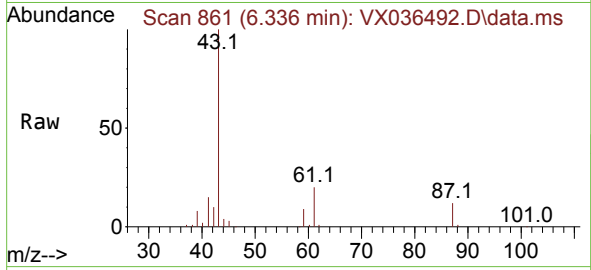




#43
Isopropyl Acetate
Concen: 25.407 ug/l
RT: 6.336 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

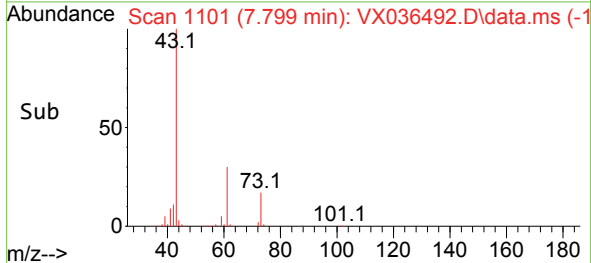
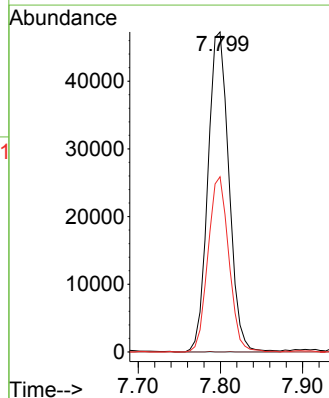
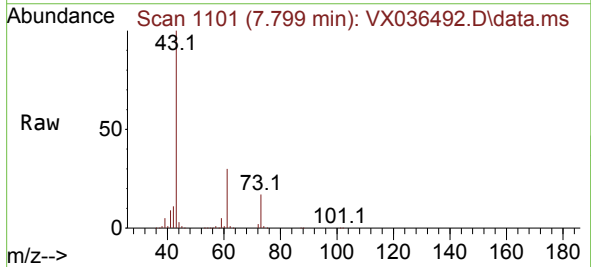
Instrument :
MSVOA_X
ClientSampleId :
VNJ-203

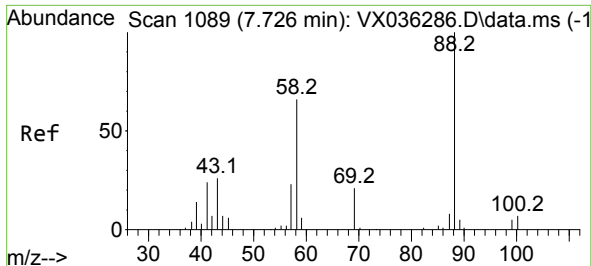
Tgt Ion: 43	Resp: 119608
Ion Ratio	Lower Upper
43	100
61	19.9 15.2 22.8
87	13.5 9.8 14.6



#48
Methyl methacrylate
Concen: 35.721 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

Tgt Ion: 41	Resp: 83846
Ion Ratio	Lower Upper
41	100
69	0.0 59.2 88.8#
39	54.4 47.7 71.5

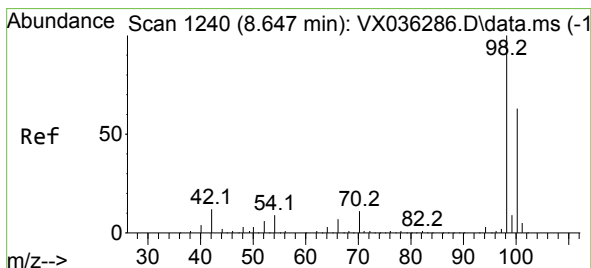
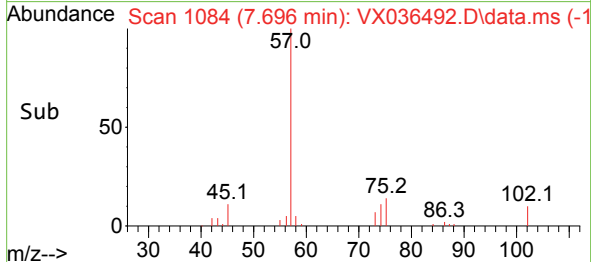
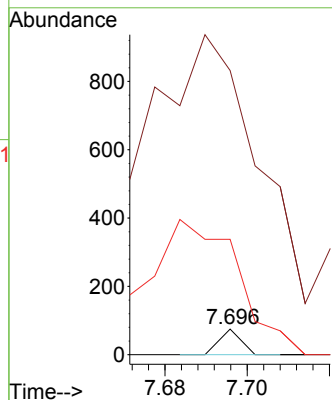
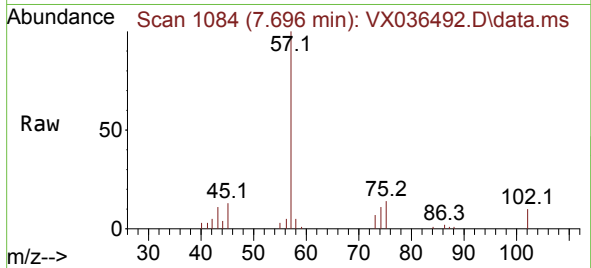




#49
1,4-Dioxane
Concen: 0.519 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.036 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

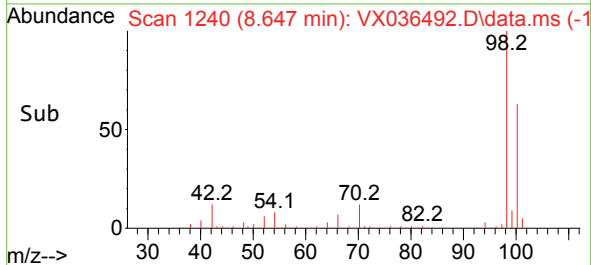
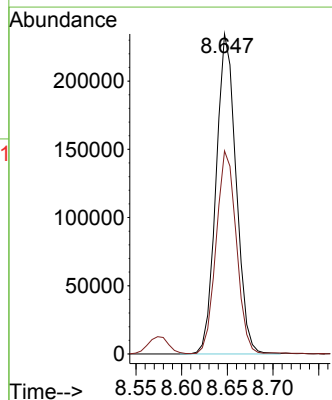
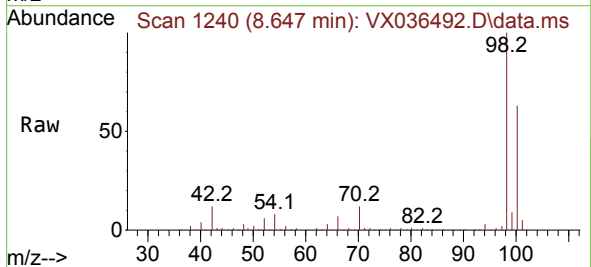
Instrument :
MSVOA_X
ClientSampleId :
VNJ-203

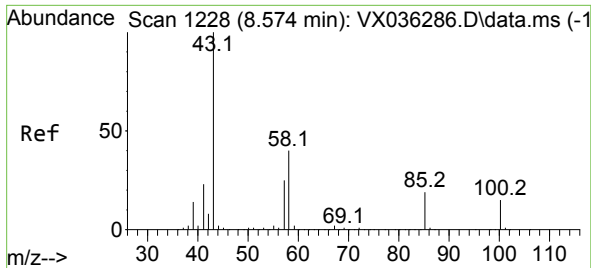
Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 1988.9 60.1 90.1#



#50
Toluene-d8
Concen: 49.342 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

Tgt Ion: 98 Resp: 357966
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

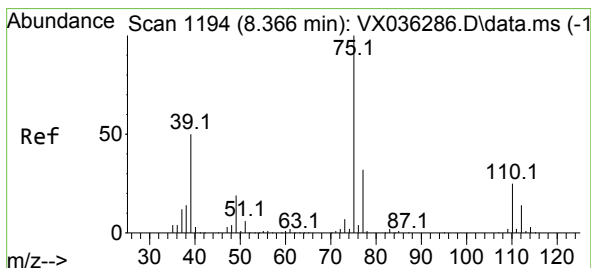
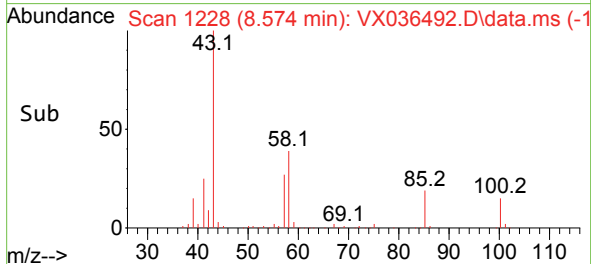
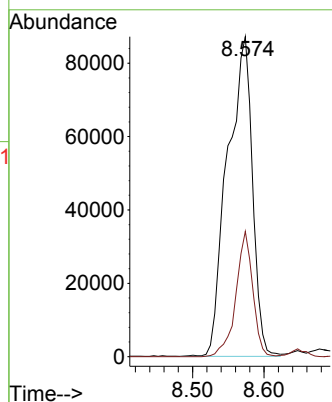
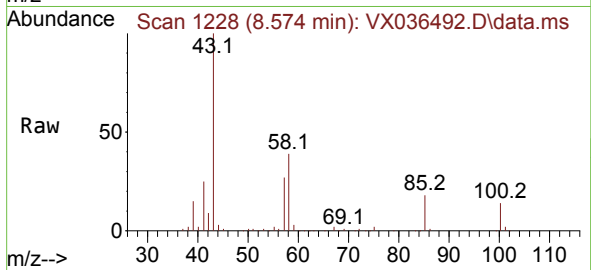




#51
4-Methyl-2-Pentanone
Concen: 69.572 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

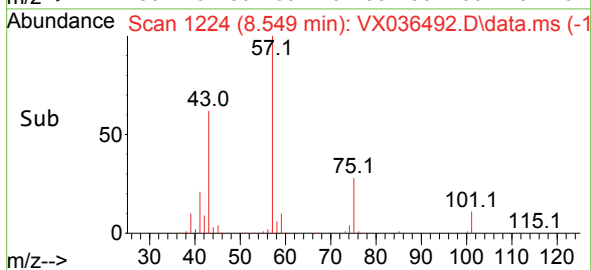
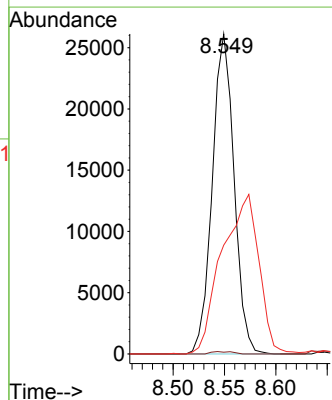
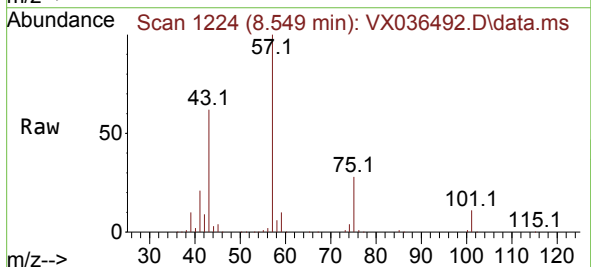
Instrument :
MSVOA_X
ClientSampleId :
VNJ-203

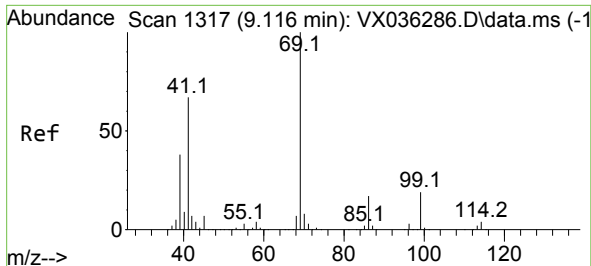
Tgt Ion: 43 Resp: 211009
Ion Ratio Lower Upper
43 100
58 26.6 30.4 45.6#



#54
cis-1,3-Dichloropropene
Concen: 11.994 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

Tgt Ion: 75 Resp: 38404
Ion Ratio Lower Upper
75 100
77 0.5 25.3 37.9#
39 34.0 46.7 70.1#

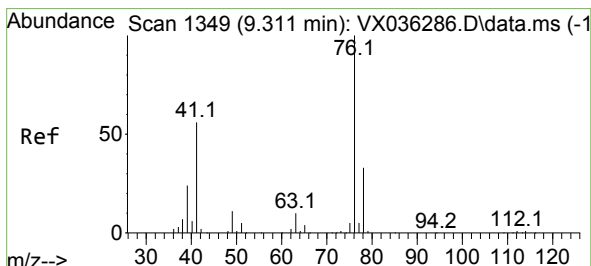
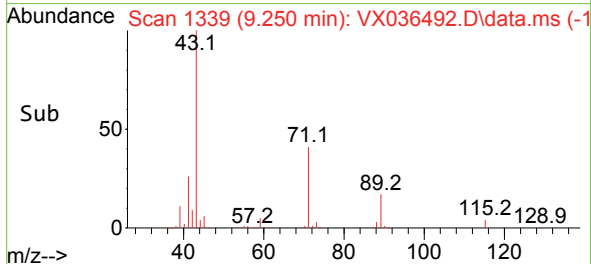
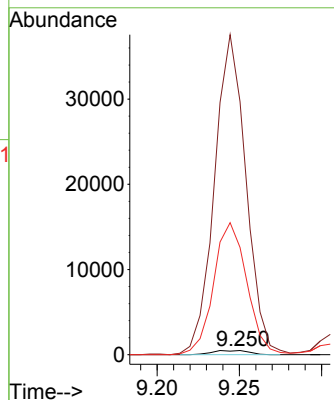
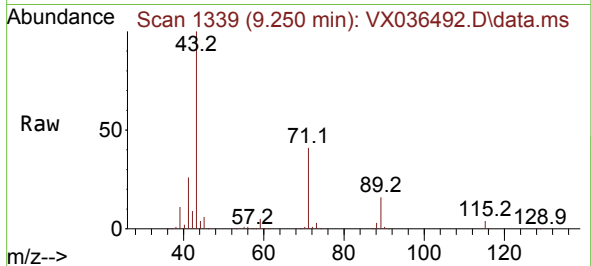




#56
Ethyl methacrylate
Concen: 0.233 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. 0.134 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

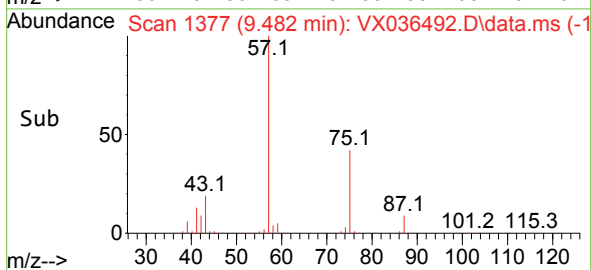
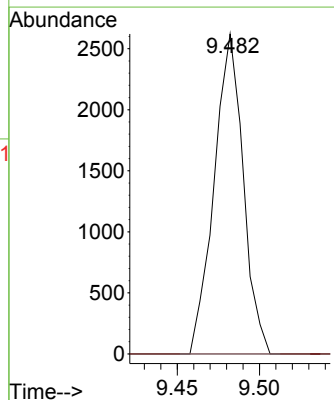
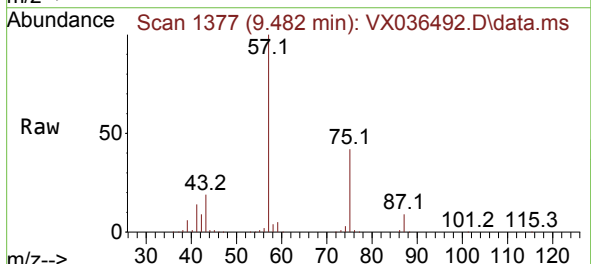
Instrument :
MSVOA_X
ClientSampleId :
VNJ-203

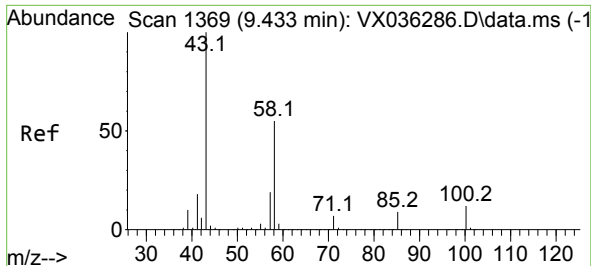
Tgt Ion: 69 Resp: 744
Ion Ratio Lower Upper
69 100
41 6754.7 56.8 85.2#
39 2930.4 32.0 48.0#



#57
1,3-Dichloropropane
Concen: 0.883 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

Tgt Ion: 76 Resp: 3224
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

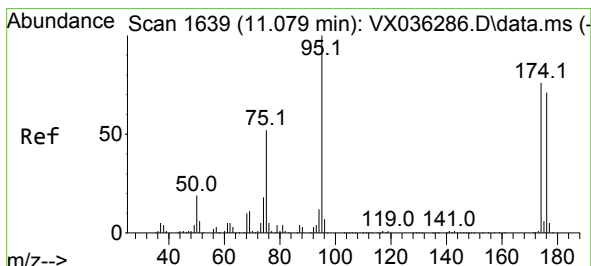
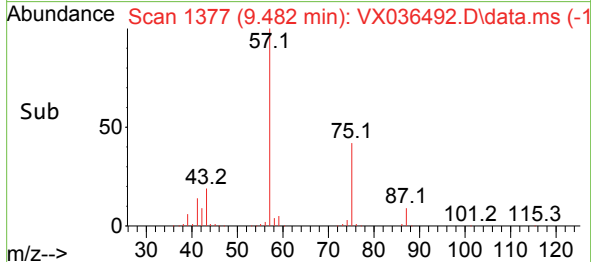
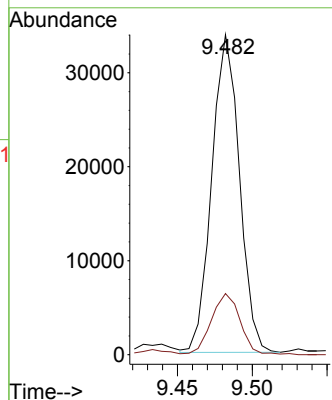
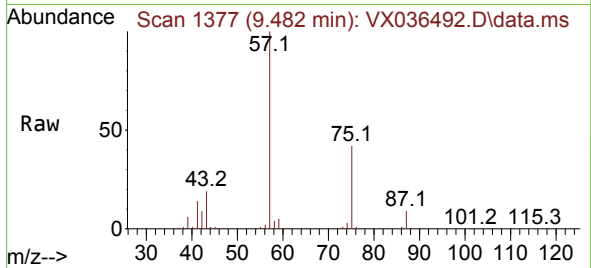




#59
2-Hexanone
Concen: 19.609 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

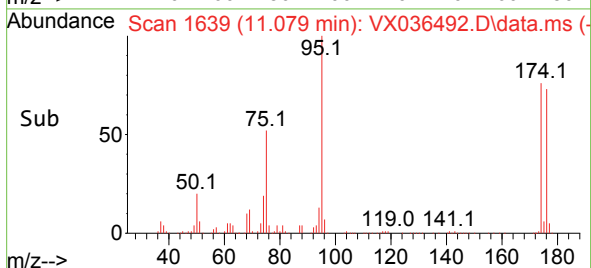
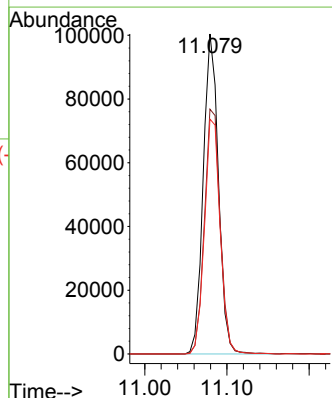
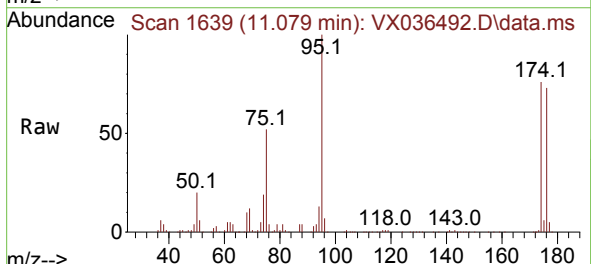
Instrument :
MSVOA_X
ClientSampleId :
VNJ-203

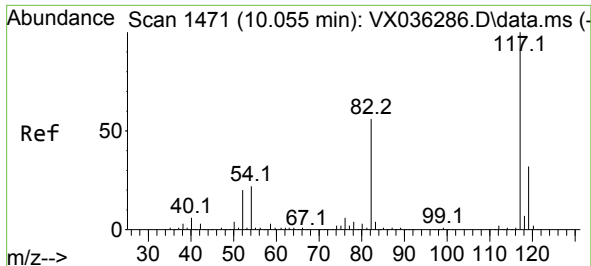
Tgt Ion: 43 Resp: 43430
Ion Ratio Lower Upper
43 100
58 20.2 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 50.489 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

Tgt Ion: 95 Resp: 129018
Ion Ratio Lower Upper
95 100
174 79.3 0.0 135.6
176 75.7 0.0 131.0

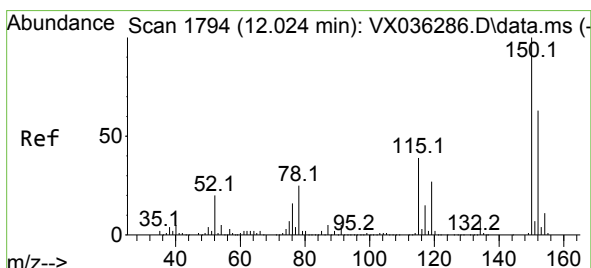
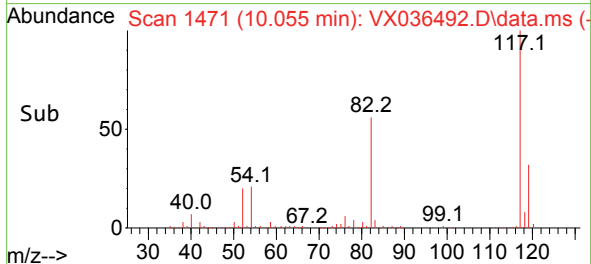
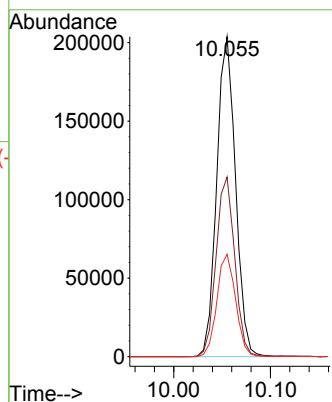
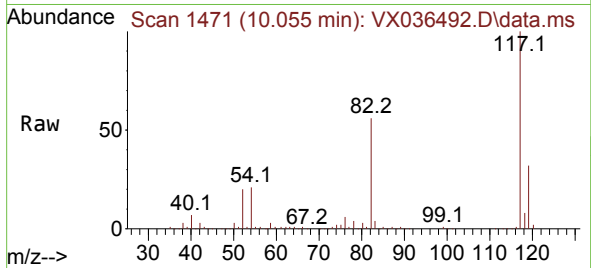




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

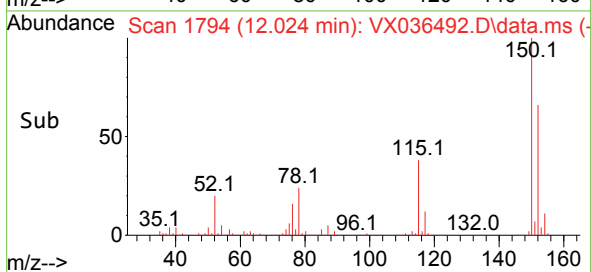
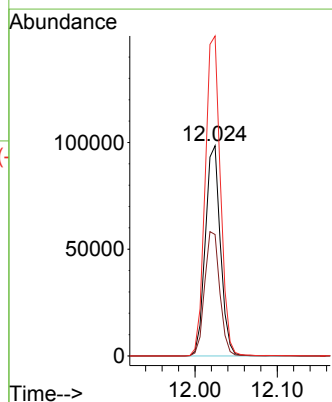
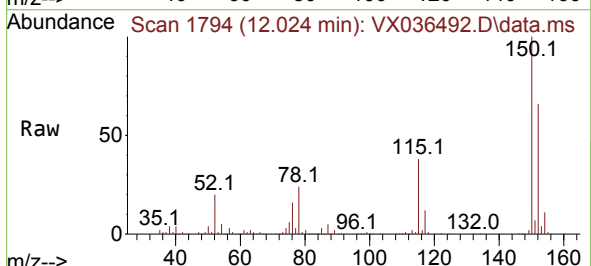
Instrument :
MSVOA_X
ClientSampleId :
VNJ-203

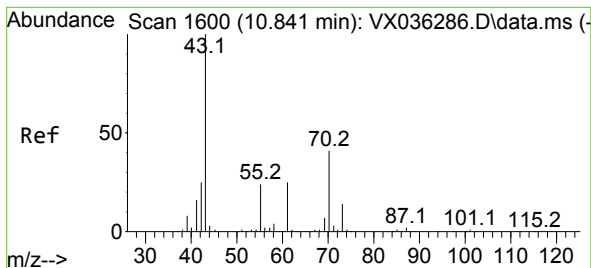
Tgt Ion:117 Resp: 274729
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036492.D
Acq: 10 Jul 2023 18:53

Tgt Ion:152 Resp: 125464
Ion Ratio Lower Upper
152 100
115 59.2 43.3 129.9
150 154.0 0.0 345.0





#74

N-amy1 acetate

Concen: 0.231 ug/l

RT: 10.811 min Scan# 1

Delta R.T. -0.030 min

Lab File: VX036492.D

Acq: 10 Jul 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

VNJ-203

Tgt Ion: 43 Resp: 865

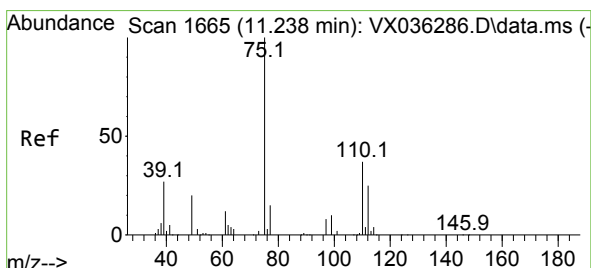
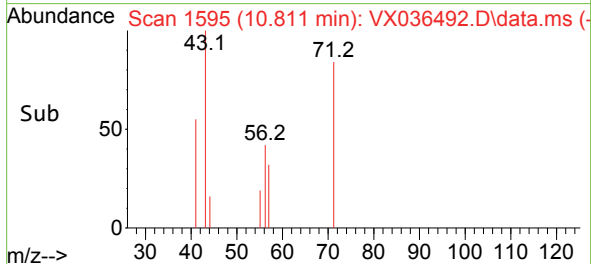
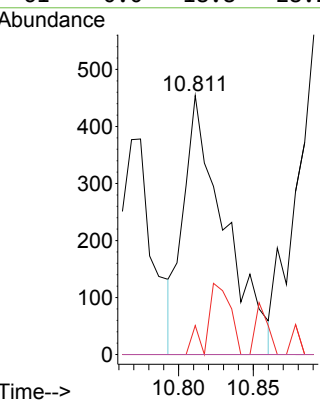
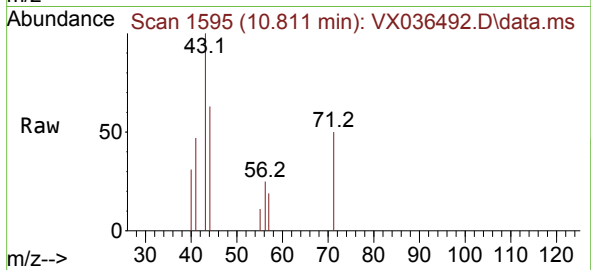
Ion Ratio Lower Upper

43 100

70 0.0 32.9 49.3#

55 15.6 19.3 28.9#

61 0.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 24.501 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036492.D

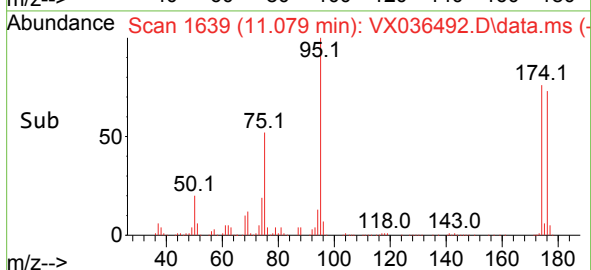
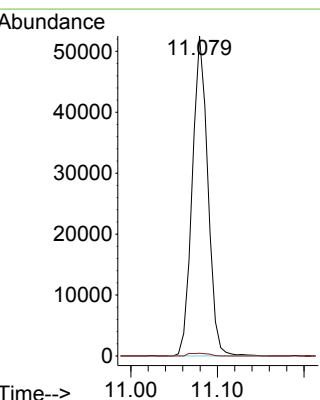
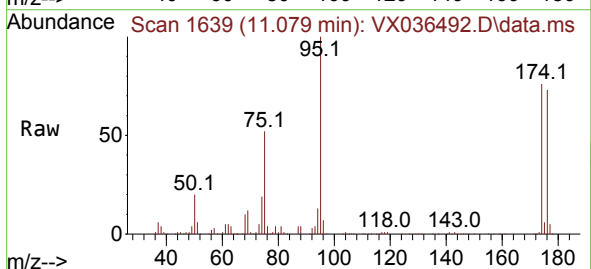
Acq: 10 Jul 2023 18:53

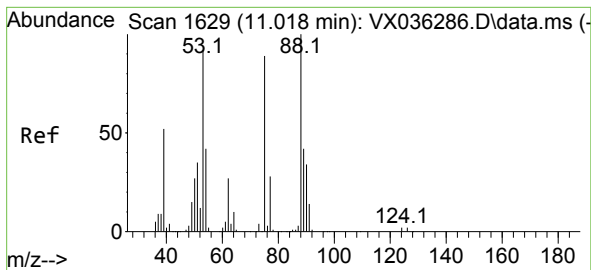
Tgt Ion: 75 Resp: 65568

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.866 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036492.D
 Acq: 10 Jul 2023 18:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-203

Tgt Ion: 75 Resp: 65568
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

