

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034190.D
 Acq On : 20 Feb 2023 16:10
 Operator : JC/MD
 Sample : 01606-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-210

Quant Time: Feb 21 01:09:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

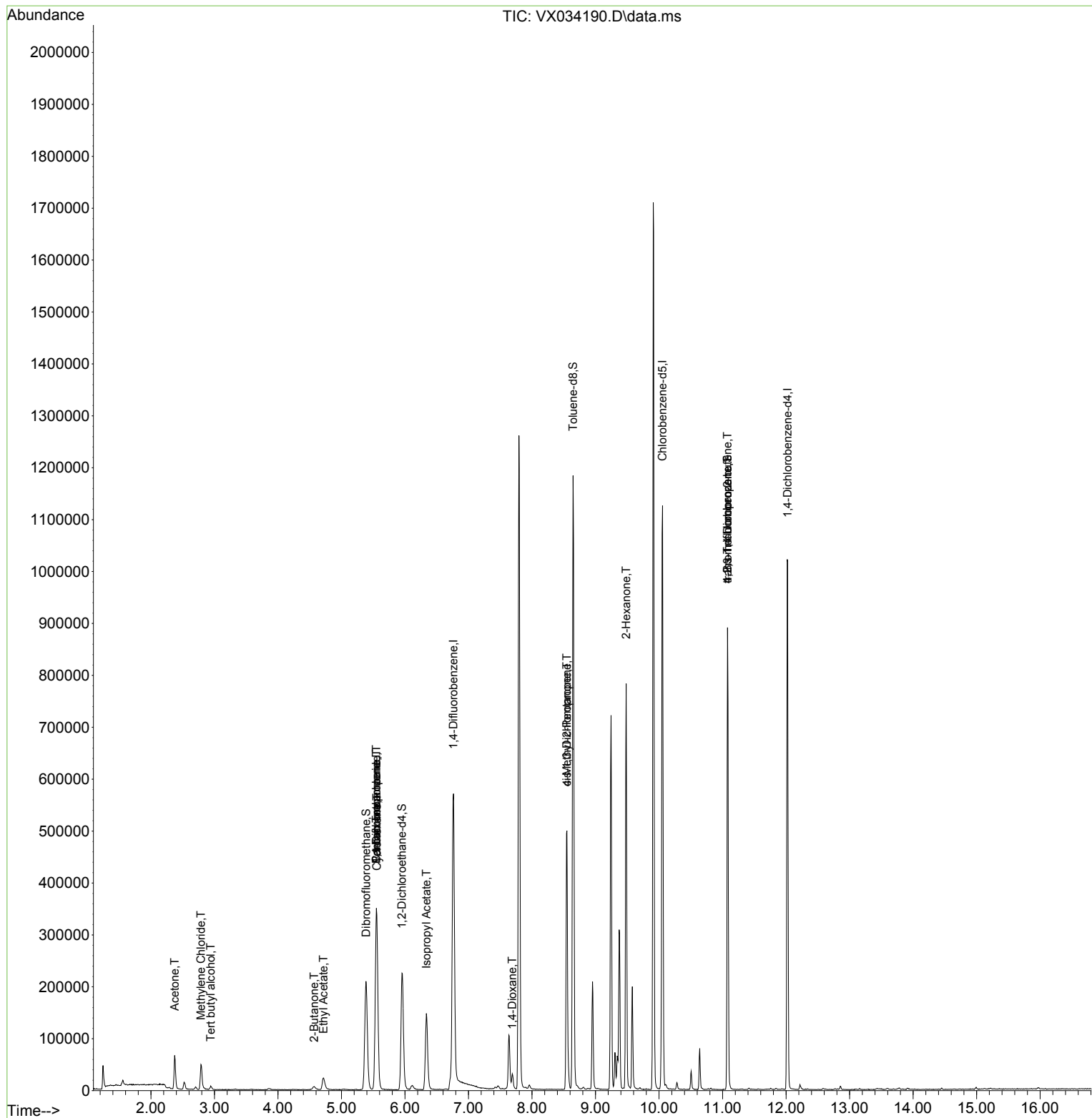
Internal Standards						
1) Pentafluorobenzene	5.550	168	351509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	591942	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	520743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	228110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	209455	44.245	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.480%
35) Dibromofluoromethane	5.385	113	183064	47.498	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.000%
50) Toluene-d8	8.647	98	699425	50.545	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.100%
62) 4-Bromofluorobenzene	11.079	95	240154	45.372	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.740%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	433	Below Cal		83
11) Tert butyl alcohol	2.941	59	3785	3.575	ug/l #	89
16) Acetone	2.374	43	67708	27.726	ug/l	93
20) Methylene Chloride	2.788	84	24179	5.495	ug/l	98
25) 2-Butanone	4.568	43	7360	2.083	ug/l #	89
31) Cyclohexane	5.556	56	7411	1.049	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	25796	4.526	ug/l #	49
37) Ethyl Acetate	4.715	43	43257	6.791	ug/l	99
38) Carbon Tetrachloride	5.550	117	33540	5.718	ug/l #	15
43) Isopropyl Acetate	6.336	43	208792	18.574	ug/l	99
49) 1,4-Dioxane	7.690	88	116	1.090	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	182254	29.469	ug/l #	52
54) cis-1,3-Dichloropropene	8.549	75	84476	11.288	ug/l #	57
59) 2-Hexanone	9.482	43	92510	19.627	ug/l #	50
76) 1,2,3-Trichloropropane	11.079	75	117393	20.452	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	117393	52.540	ug/l #	8

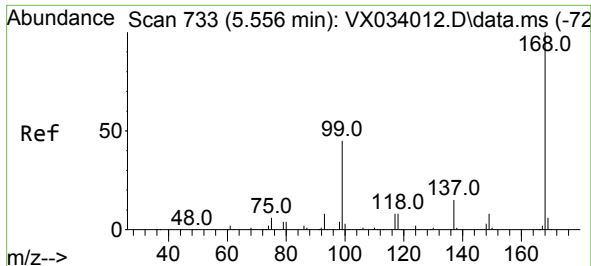
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

Quant Time: Feb 21 01:09:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

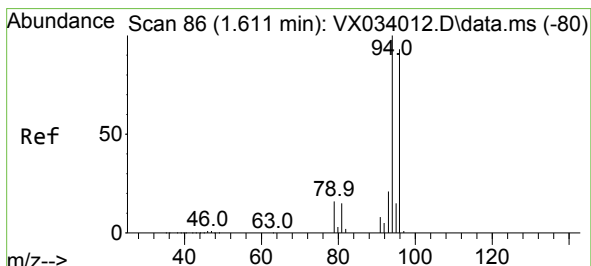
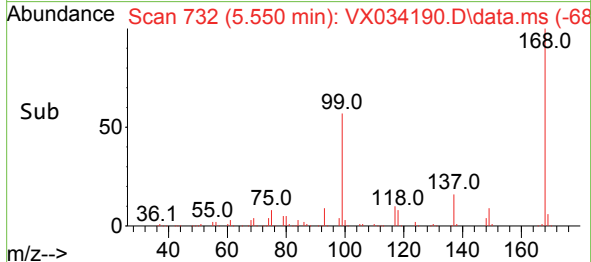
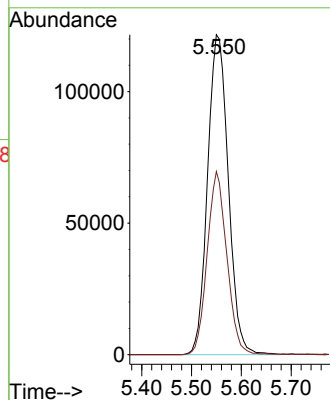
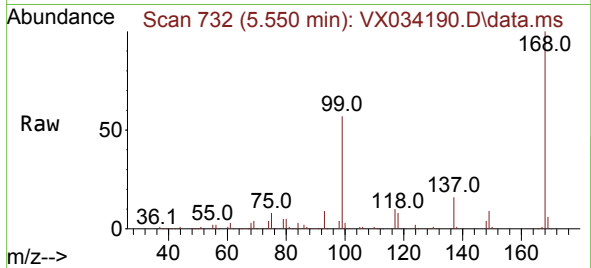




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034190.D
Acq: 20 Feb 2023 16:10

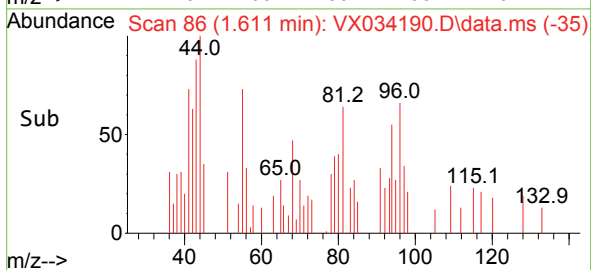
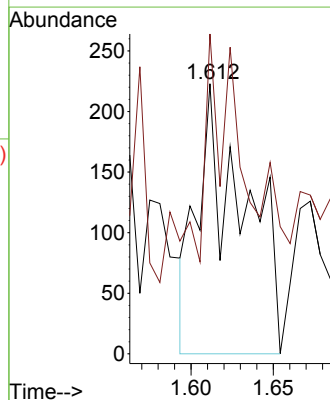
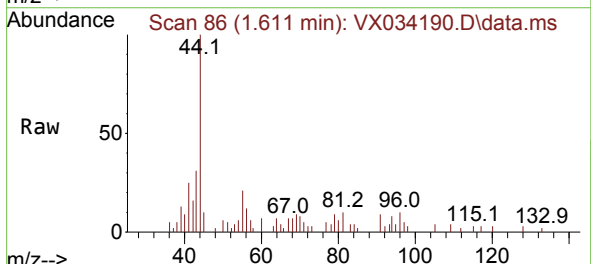
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

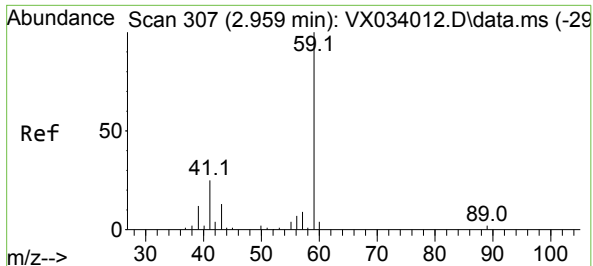
Tgt Ion:168 Resp: 351509
Ion Ratio Lower Upper
168 100
99 57.3 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX034190.D
Acq: 20 Feb 2023 16:10

Tgt Ion: 94 Resp: 433
Ion Ratio Lower Upper
94 100
96 76.7 74.3 111.5





#11

Tert butyl alcohol

Concen: 3.575 ug/l

RT: 2.941 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX034190.D

Acq: 20 Feb 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

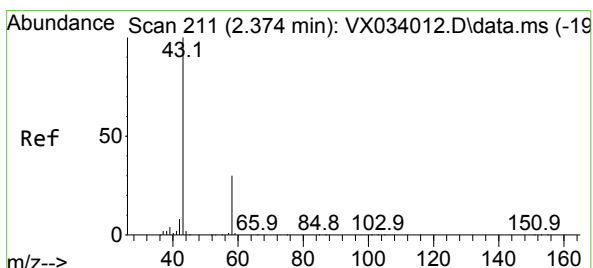
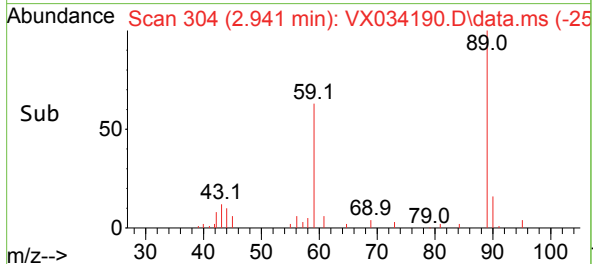
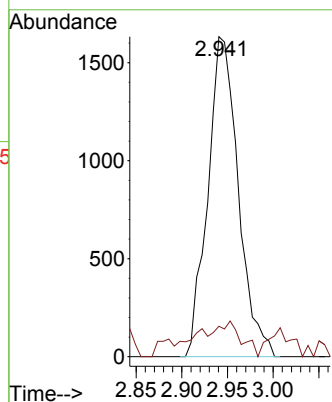
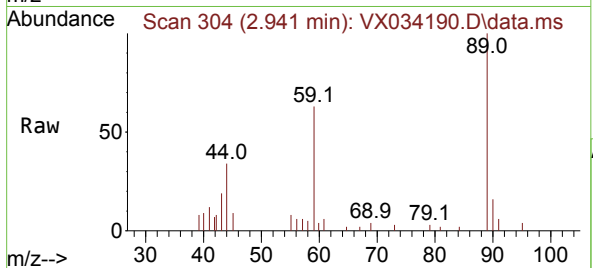
VNJ-210

Tgt Ion: 59 Resp: 3785

Ion Ratio Lower Upper

59 100

57 8.1 3.7 5.5#



#16

Acetone

Concen: 27.726 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX034190.D

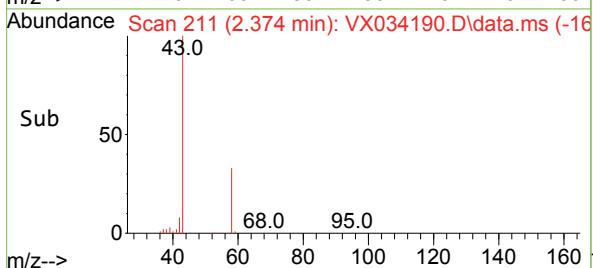
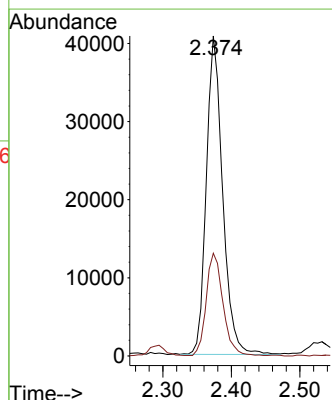
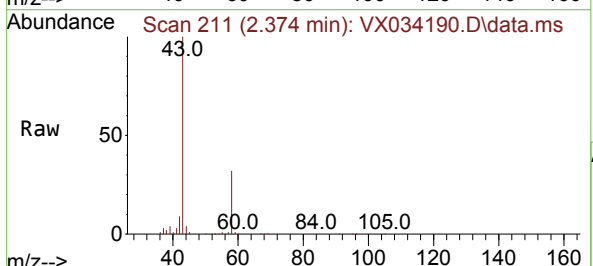
Acq: 20 Feb 2023 16:10

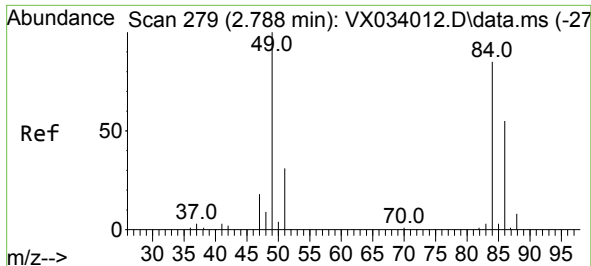
Tgt Ion: 43 Resp: 67708

Ion Ratio Lower Upper

43 100

58 32.0 22.6 33.8





#20

Methylene Chloride

Concen: 5.495 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX034190.D

Acq: 20 Feb 2023 16:10

Instrument :

MSVOA_X

ClientSampleId :

VNJ-210

Tgt Ion: 84 Resp: 24179

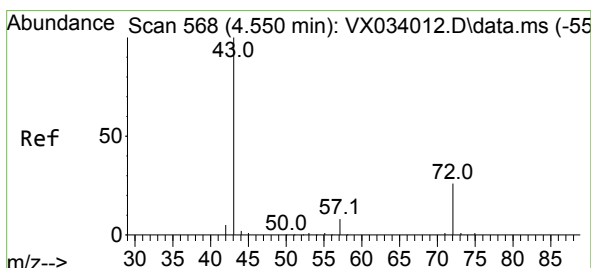
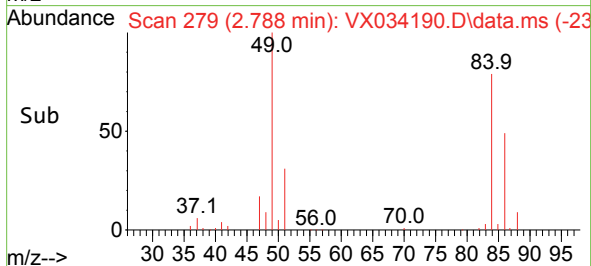
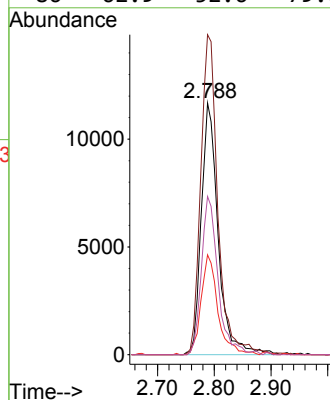
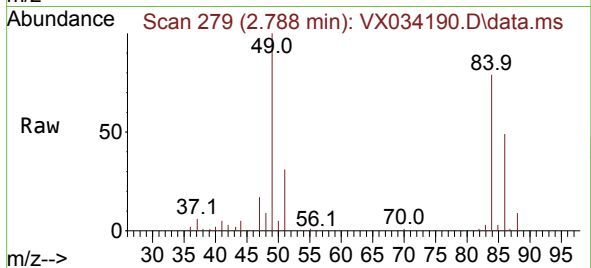
Ion Ratio Lower Upper

84 100

49 127.1 101.1 151.7

51 39.7 31.0 46.6

86 62.9 52.6 79.0



#25

2-Butanone

Concen: 2.083 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.025 min

Lab File: VX034190.D

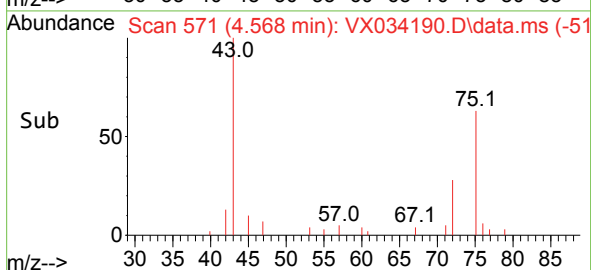
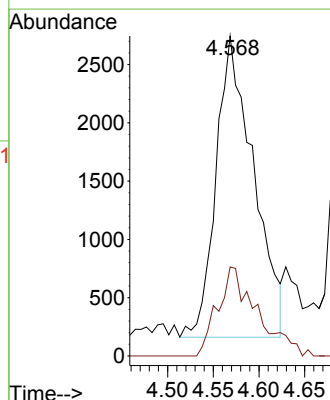
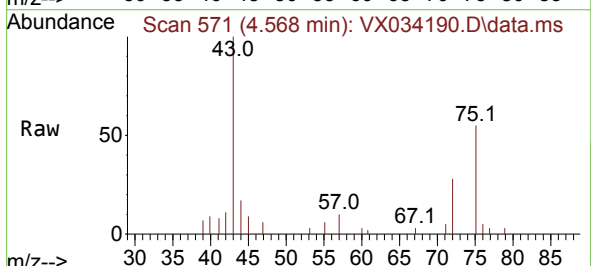
Acq: 20 Feb 2023 16:10

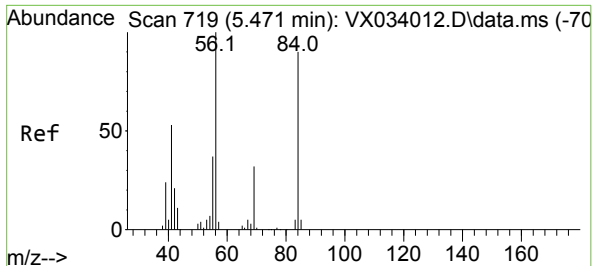
Tgt Ion: 43 Resp: 7360

Ion Ratio Lower Upper

43 100

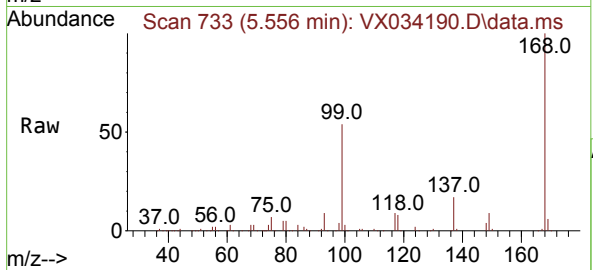
72 29.6 19.4 29.2#



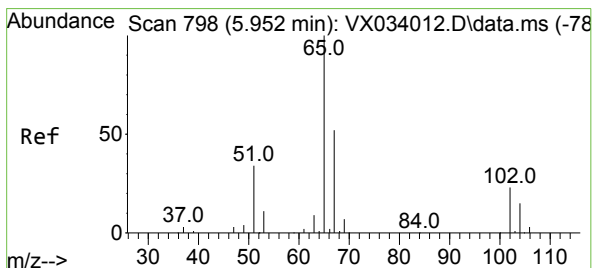
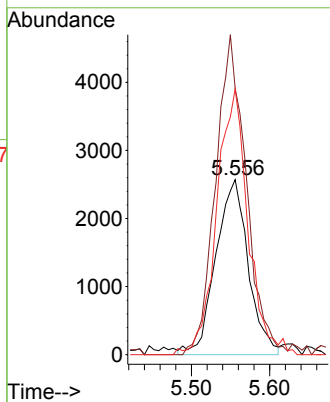
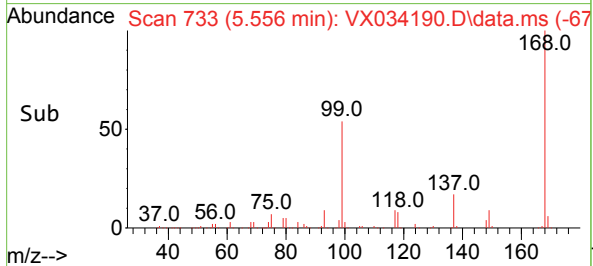


#31
Cyclohexane
Concen: 1.049 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX034190.D
Acq: 20 Feb 2023 16:10

Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

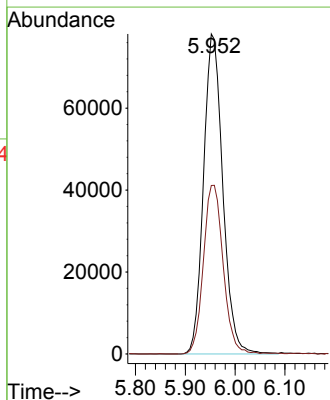
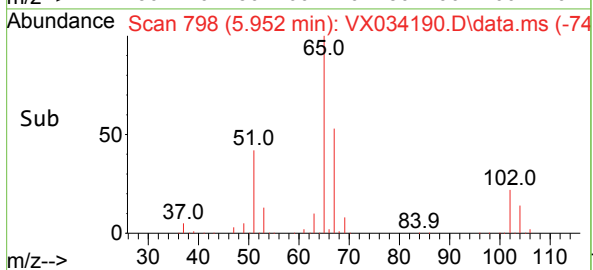
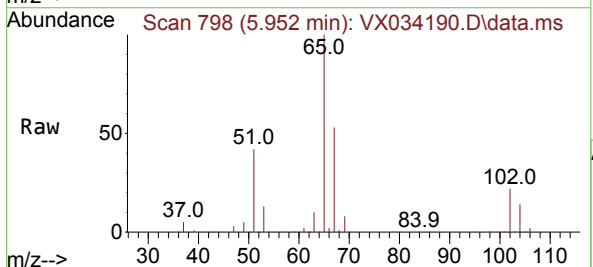


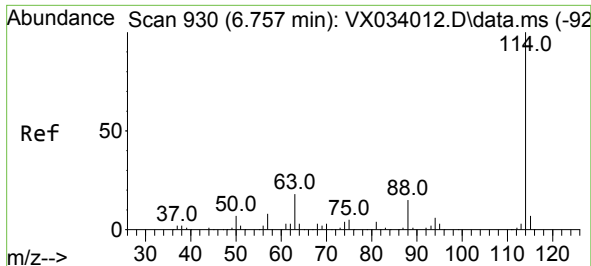
Tgt Ion: 56 Resp: 7411
Ion Ratio Lower Upper
56 100
69 155.9 24.6 37.0#
84 152.1 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 44.245 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034190.D
Acq: 20 Feb 2023 16:10

Tgt Ion: 65 Resp: 209455
Ion Ratio Lower Upper
65 100
67 54.0 0.0 104.8

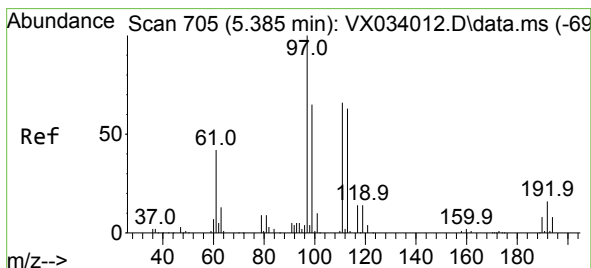
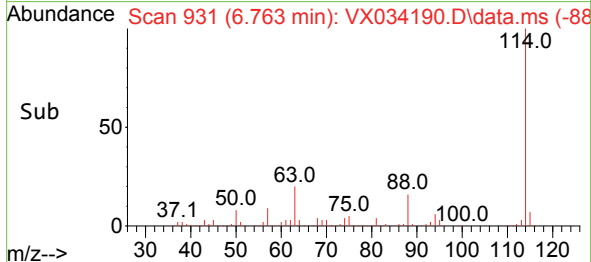
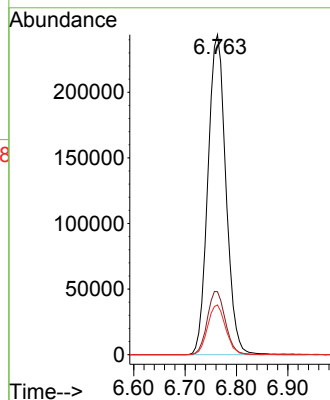
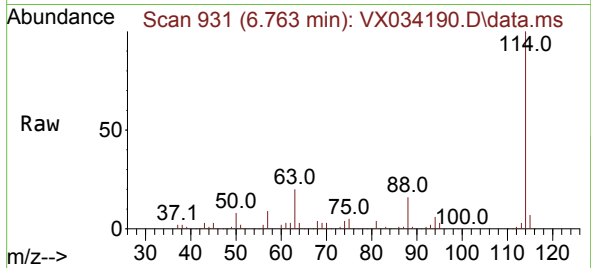




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034190.D
Acq: 20 Feb 2023 16:10

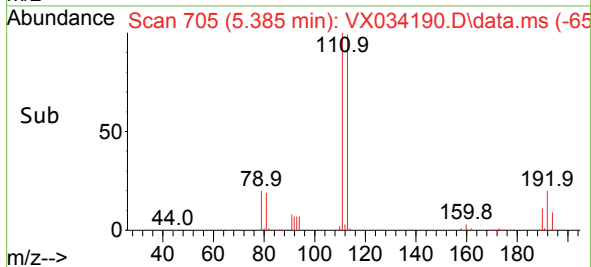
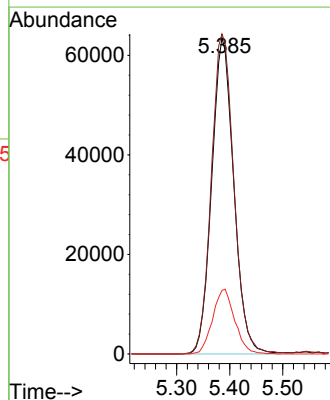
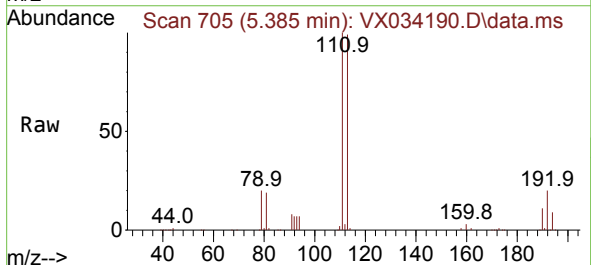
Instrument :
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ClientSampleId :
VNJ-210

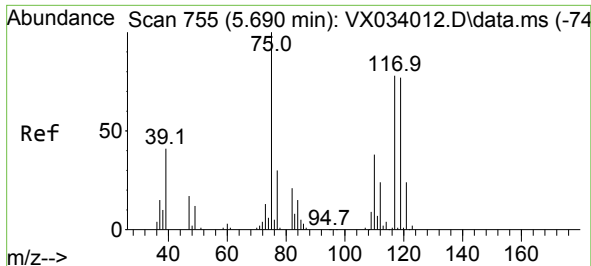
Tgt Ion:114 Resp: 591942
Ion Ratio Lower Upper
114 100
63 19.7 0.0 37.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.498 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034190.D
Acq: 20 Feb 2023 16:10

Tgt Ion:113 Resp: 183064
Ion Ratio Lower Upper
113 100
111 103.7 83.0 124.6
192 20.6 19.0 28.4

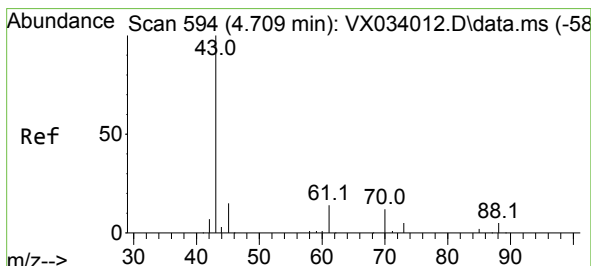
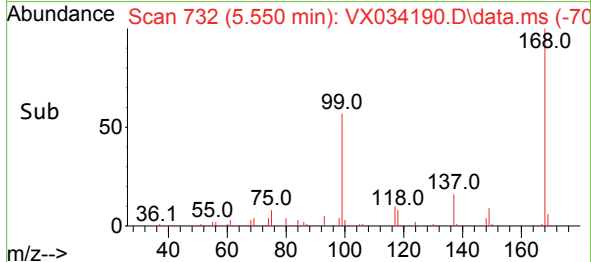
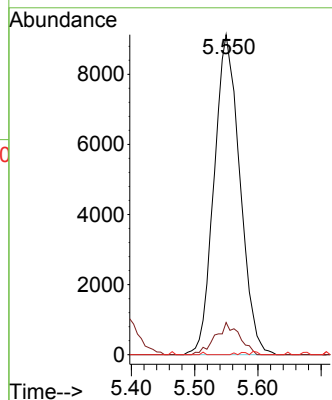
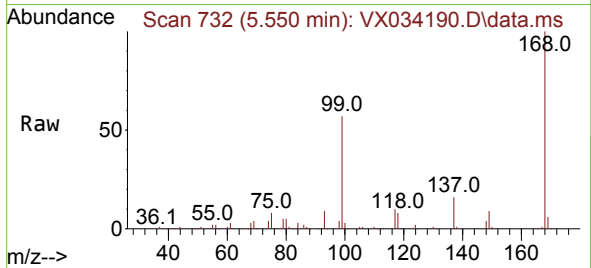




#36
1,1-Dichloropropene
Concen: 4.526 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034190.D
Acq: 20 Feb 2023 16:10

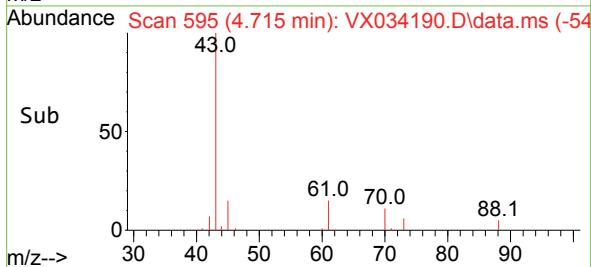
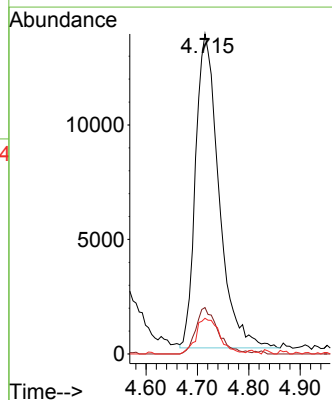
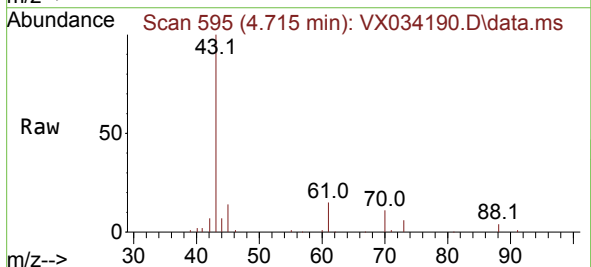
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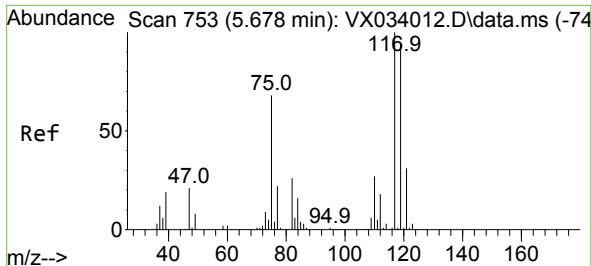
Tgt Ion: 75 Resp: 25796
Ion Ratio Lower Upper
75 100
110 9.4 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 6.791 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX034190.D
Acq: 20 Feb 2023 16:10

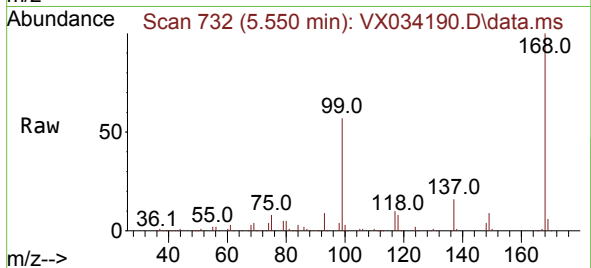
Tgt Ion: 43 Resp: 43257
Ion Ratio Lower Upper
43 100
61 14.1 11.1 16.7
70 11.5 8.5 12.7



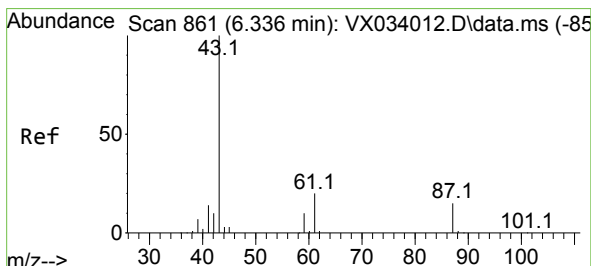
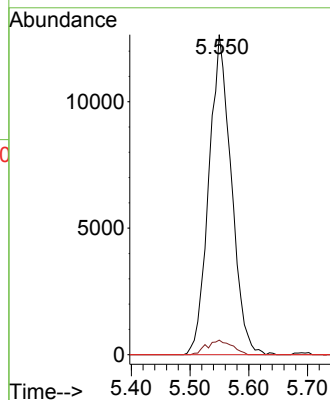
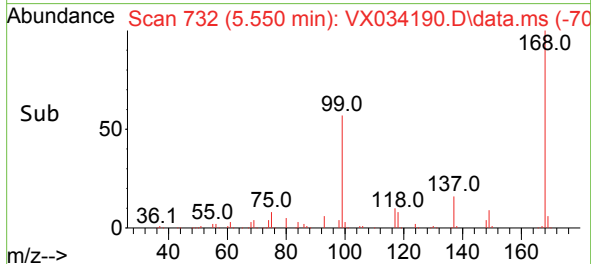


#38
Carbon Tetrachloride
Concen: 5.718 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.122 min
Lab File: VX034190.D
Acq: 20 Feb 2023 16:10

Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

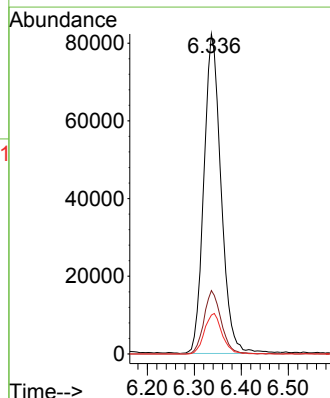
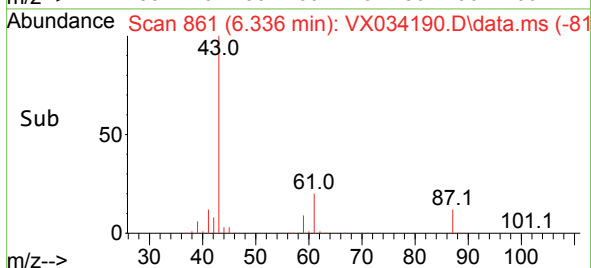
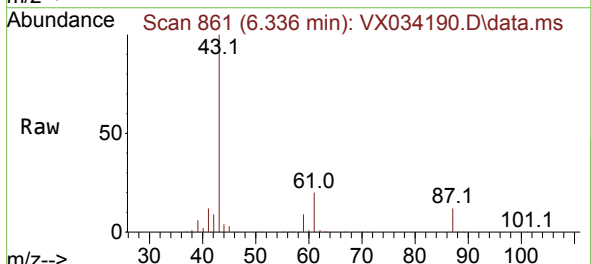


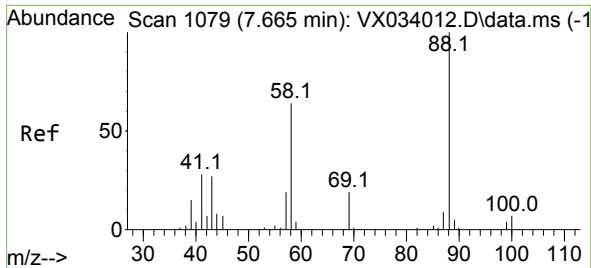
Tgt Ion:117 Resp: 33540
Ion Ratio Lower Upper
117 100
119 4.5 78.0 117.0#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 18.574 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034190.D
Acq: 20 Feb 2023 16:10

Tgt Ion: 43 Resp: 208792
Ion Ratio Lower Upper
43 100
61 19.8 15.7 23.5
87 12.9 10.6 15.8

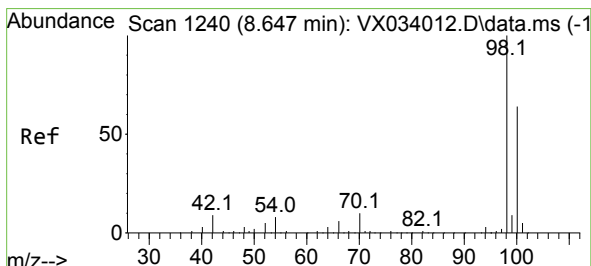
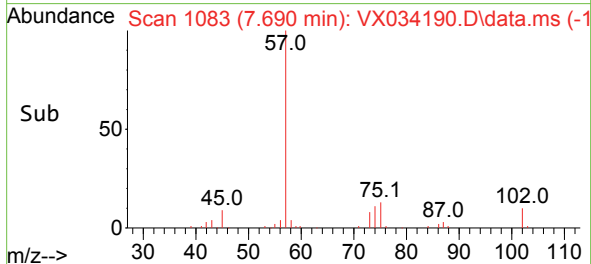
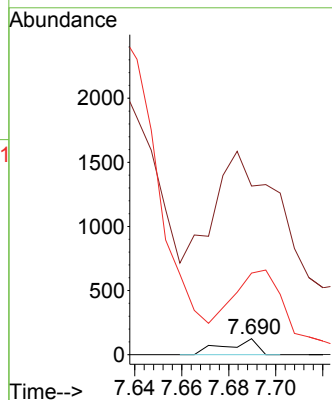
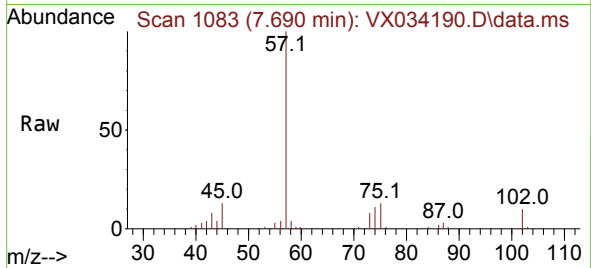




#49
1,4-Dioxane
Concen: 1.090 ug/l
RT: 7.690 min Scan# 1079
Delta R.T. 0.037 min
Lab File: VX034190.D
Acq: 20 Feb 2023 16:10

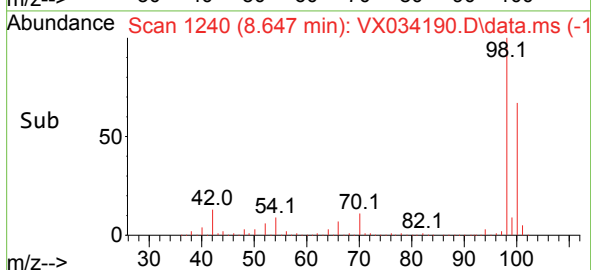
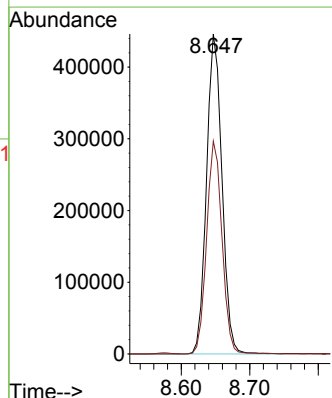
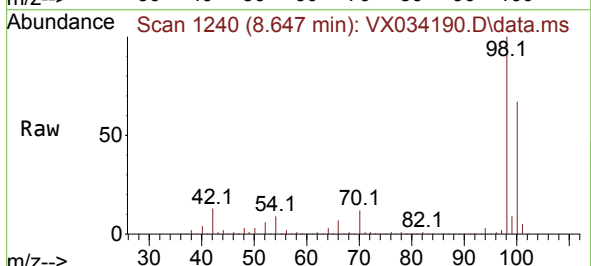
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

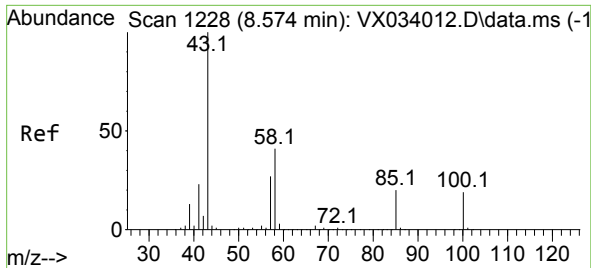
Tgt Ion: 88 Resp: 116
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 978.4 56.5 84.7#



#50
Toluene-d8
Concen: 50.545 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034190.D
Acq: 20 Feb 2023 16:10

Tgt Ion: 98 Resp: 699425
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4

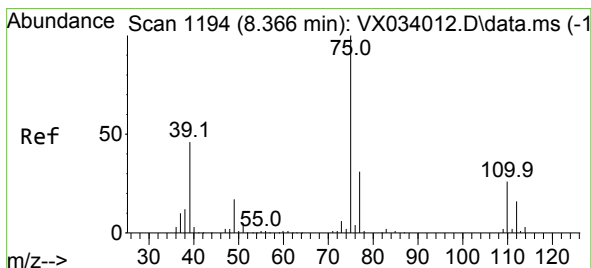
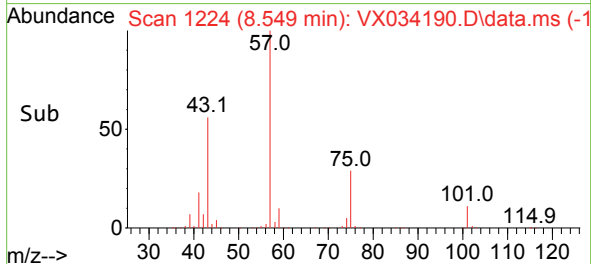
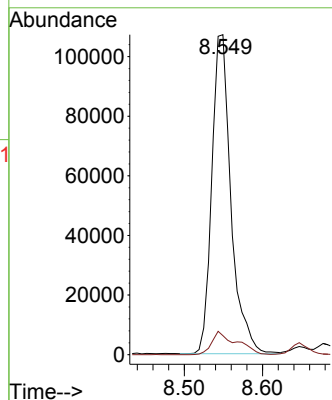
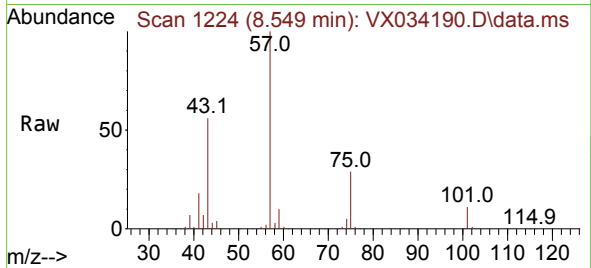




#51
4-Methyl-2-Pentanone
Concen: 29.469 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX034190.D
Acq: 20 Feb 2023 16:10

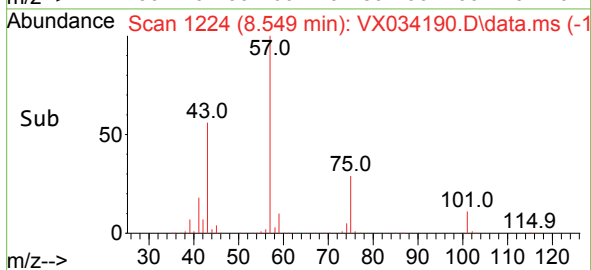
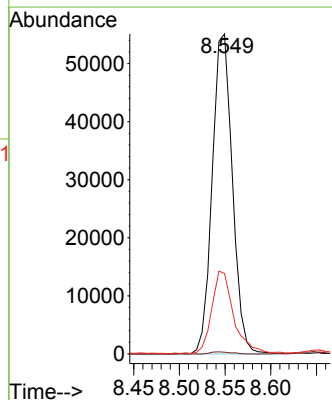
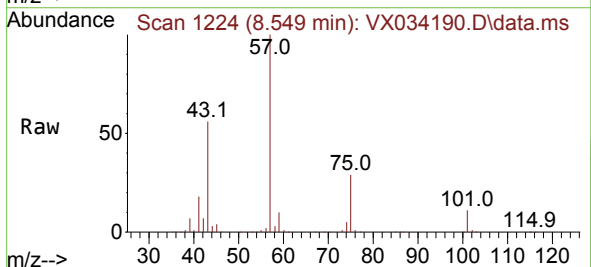
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

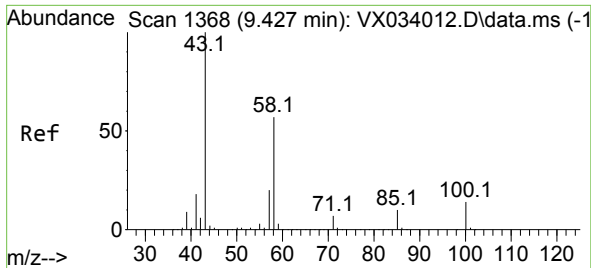
Tgt Ion: 43 Resp: 182254
Ion Ratio Lower Upper
43 100
58 9.4 31.2 46.8#



#54
cis-1,3-Dichloropropene
Concen: 11.288 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX034190.D
Acq: 20 Feb 2023 16:10

Tgt Ion: 75 Resp: 84476
Ion Ratio Lower Upper
75 100
77 0.4 25.0 37.6#
39 25.0 38.6 58.0#

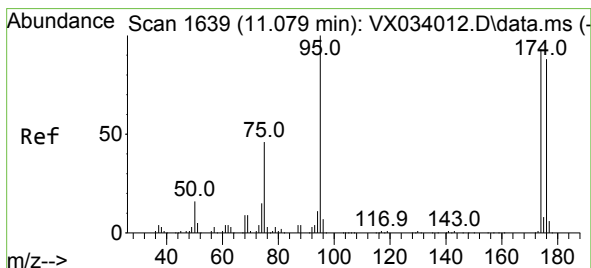
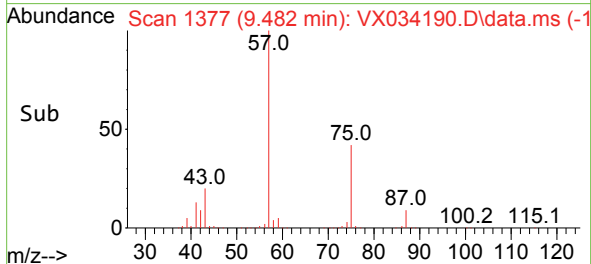
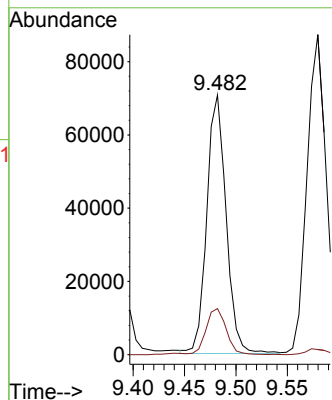
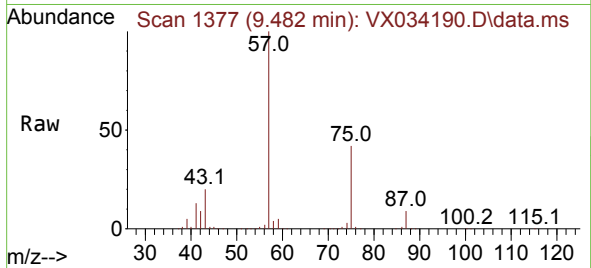




#59
2-Hexanone
Concen: 19.627 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.055 min
Lab File: VX034190.D
Acq: 20 Feb 2023 16:10

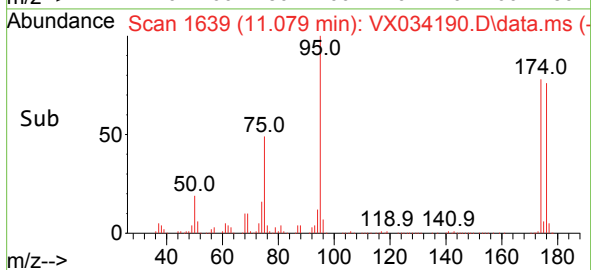
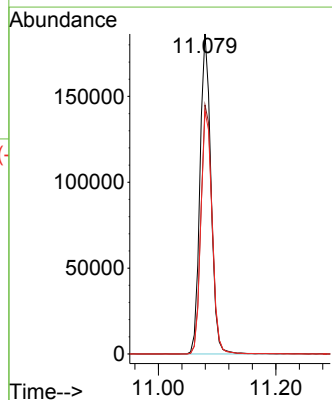
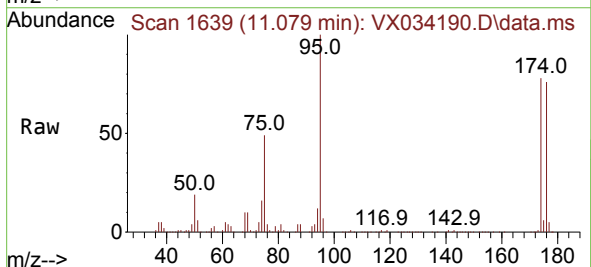
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

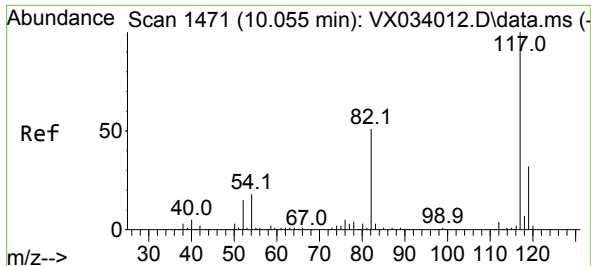
Tgt Ion: 43 Resp: 92510
Ion Ratio Lower Upper
43 100
58 18.7 27.4 82.0#



#62
4-Bromofluorobenzene
Concen: 45.372 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034190.D
Acq: 20 Feb 2023 16:10

Tgt Ion: 95 Resp: 240154
Ion Ratio Lower Upper
95 100
174 79.4 0.0 184.4
176 77.8 0.0 178.8

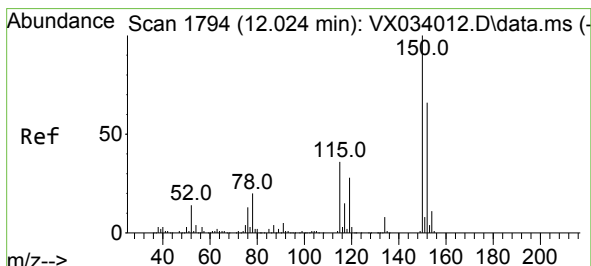
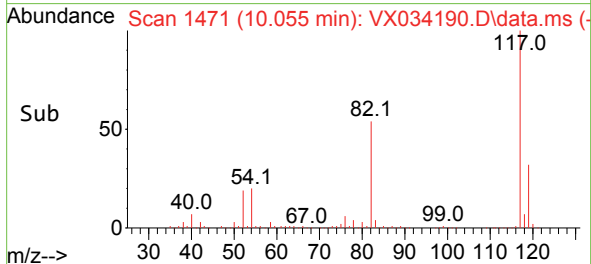
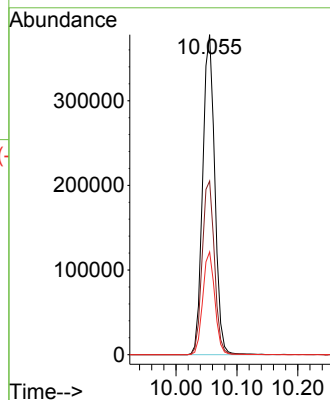
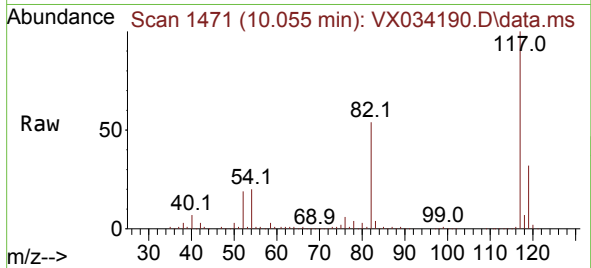




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034190.D
Acq: 20 Feb 2023 16:10

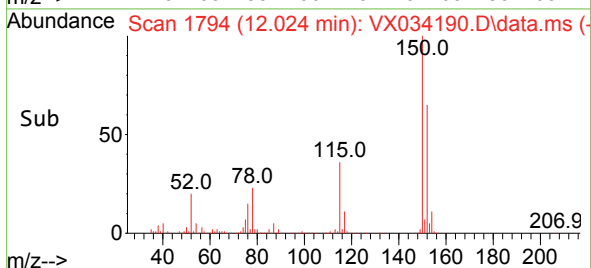
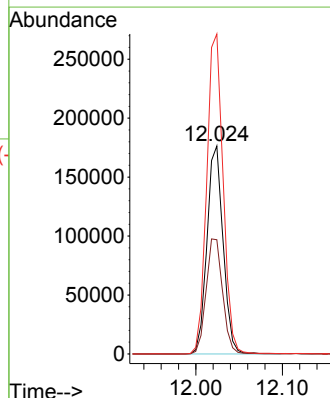
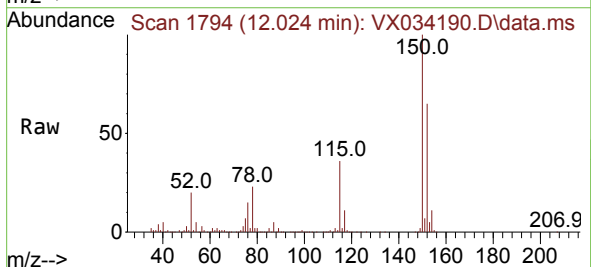
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

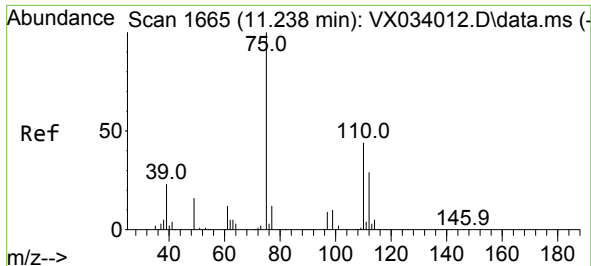
Tgt Ion:117 Resp: 520743
Ion Ratio Lower Upper
117 100
82 54.2 40.6 60.8
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034190.D
Acq: 20 Feb 2023 16:10

Tgt Ion:152 Resp: 228110
Ion Ratio Lower Upper
152 100
115 56.6 38.7 116.1
150 156.1 0.0 348.2

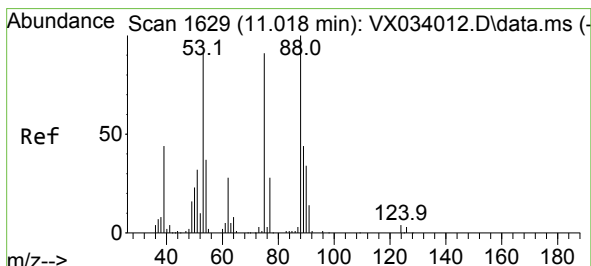
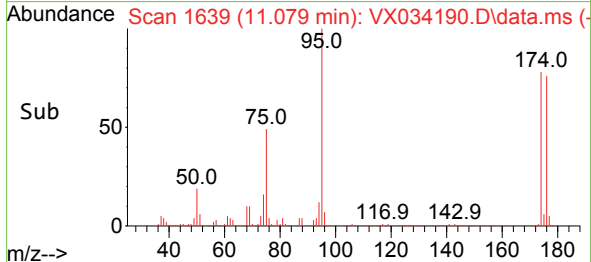
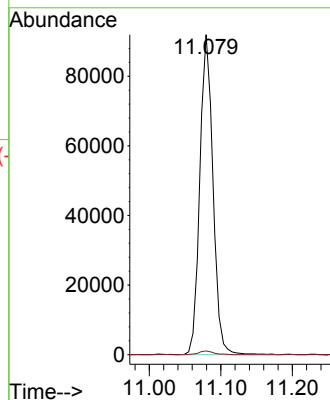
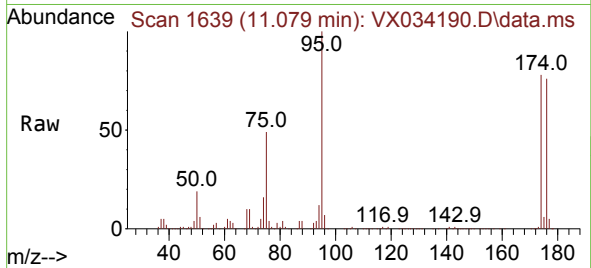




#76
1,2,3-Trichloropropane
Concen: 20.452 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034190.D
Acq: 20 Feb 2023 16:10

Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

Tgt Ion: 75 Resp: 117393
Ion Ratio Lower Upper
75 100
77 1.3 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.540 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034190.D
Acq: 20 Feb 2023 16:10

Tgt Ion: 75 Resp: 117393
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

