

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023408.D
 Acq On : 23 Jul 2021 05:36
 Operator : JC/MD
 Sample : M3129-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-VNJ-207

Quant Time: Jul 23 08:10:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

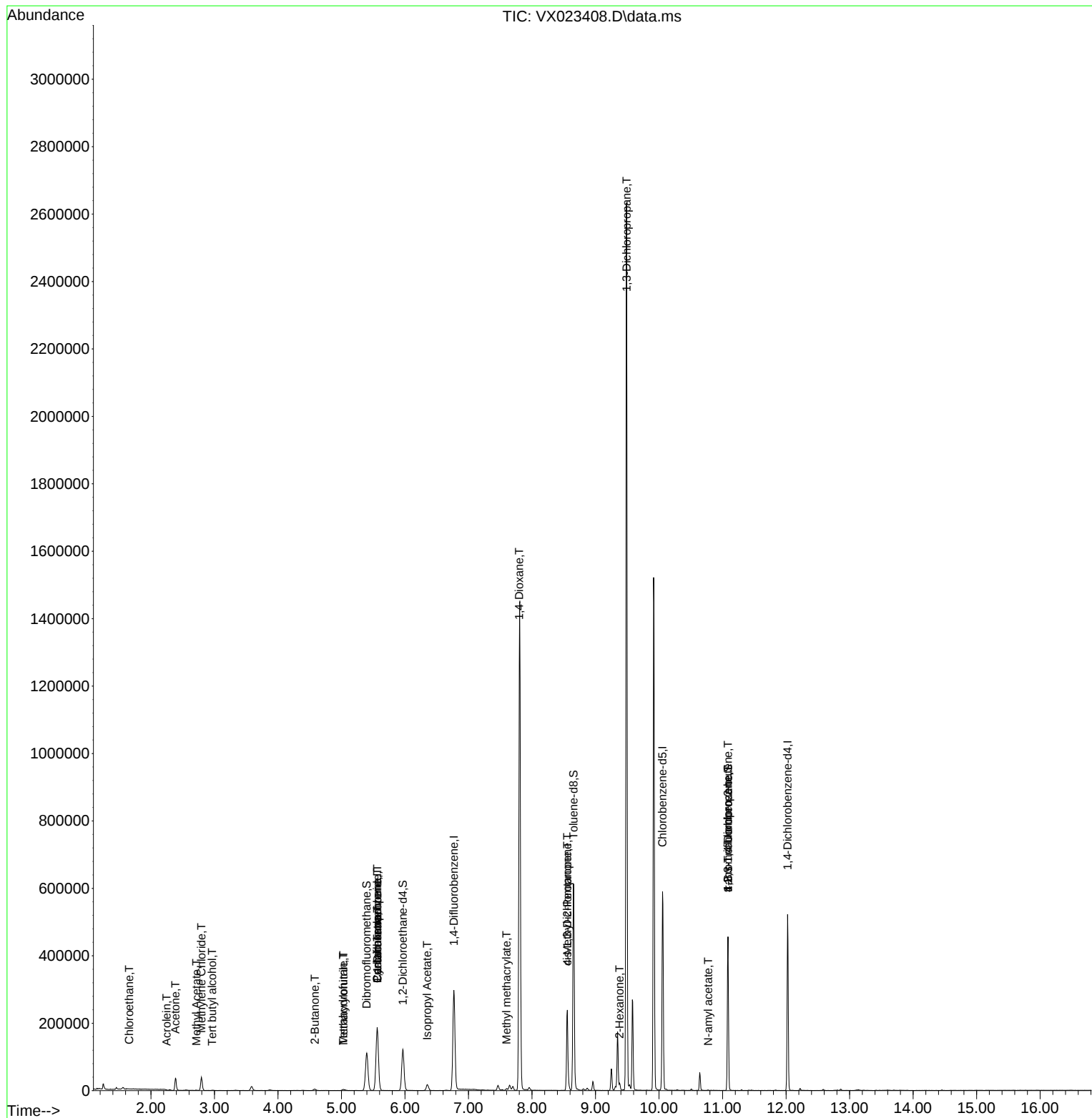
Internal Standards						
1) Pentafluorobenzene	5.562	168	176945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	299880	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	265644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	115351	52.260	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.520%	
35) Dibromofluoromethane	5.397	113	94446	50.372	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.740%	
50) Toluene-d8	8.653	98	359109	52.130	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.260%	
62) 4-Bromofluorobenzene	11.085	95	112685	48.106	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.220%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.654	64	415	0.352	ug/l #	43
11) Tert butyl alcohol	2.965	59	1011	2.005	ug/l #	84
13) Acrolein	2.245	56	165	2.004	ug/l #	37
16) Acetone	2.386	43	38141	35.226	ug/l	93
18) Methyl Acetate	2.715	43	1577	0.613	ug/l #	85
20) Methylene Chloride	2.794	84	16820	7.986	ug/l	88
25) 2-Butanone	4.580	43	7561	4.498	ug/l	98
29) Tetrahydrofuran	5.025	42	3155	2.863	ug/l	91
31) Cyclohexane	5.562	56	3825	1.170	ug/l #	19
36) 1,1-Dichloropropene	5.562	75	12712	4.686	ug/l #	50
38) Carbon Tetrachloride	5.562	117	17580	6.372	ug/l #	16
41) Methacrylonitrile	5.031	41	2101	1.163	ug/l #	34
43) Isopropyl Acetate	6.348	43	23640	4.460	ug/l	95
48) Methyl methacrylate	7.598	41	7194	2.931	ug/l #	10
49) 1,4-Dioxane	7.799	88	175	3.348	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	84600	26.097	ug/l #	46
54) cis-1,3-Dichloropropene	8.555	75	36011	11.106	ug/l #	67
57) 1,3-Dichloropropane	9.488	76	21199	6.183	ug/l #	42
59) 2-Hexanone	9.378	43	9244	3.755	ug/l #	19
74) N-amyl acetate	10.774	43	784	0.212	ug/l #	40
76) 1,2,3-Trichloropropane	11.085	75	58020	24.580	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	58020	66.092	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
Data File : VX023408.D
Acq On : 23 Jul 2021 05:36
Operator : JC/MD
Sample : M3129-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RO-VNJ-207

Quant Time: Jul 23 08:10:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

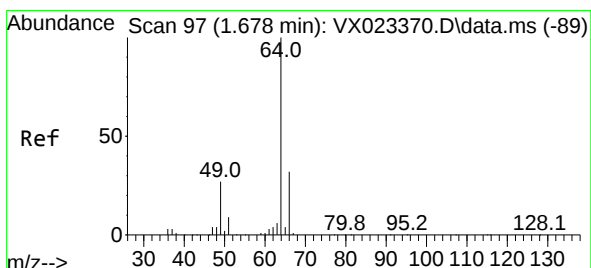
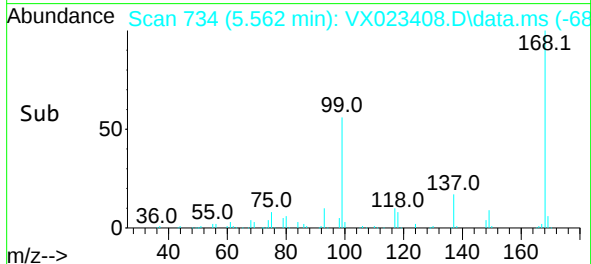
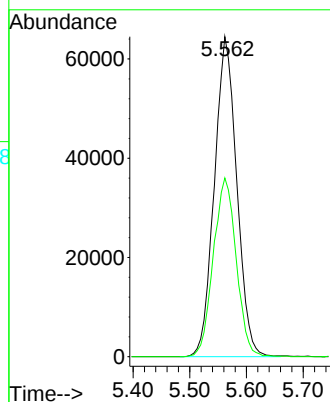
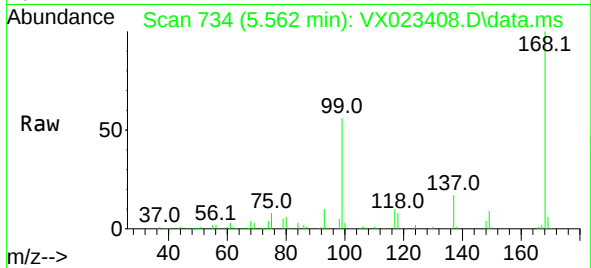




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

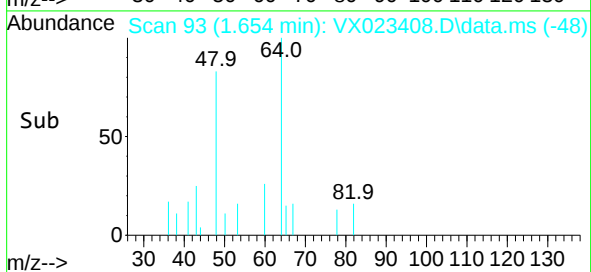
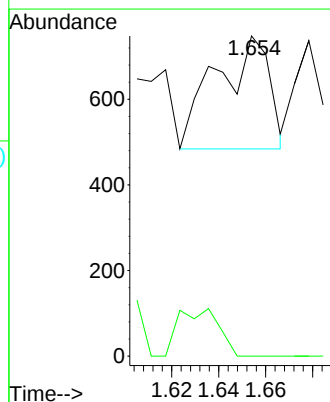
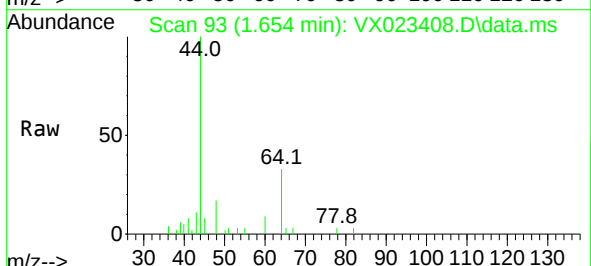
Instrument :
MSVOA_X
ClientSampleId :
RO-VNJ-207

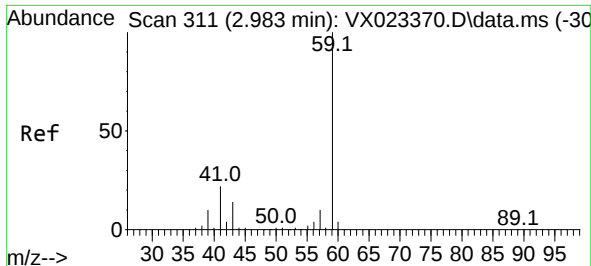
Tgt Ion:168 Resp: 176945
Ion Ratio Lower Upper
168 100
99 55.9 45.8 68.6



#6
Chloroethane
Concen: 0.352 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.024 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

Tgt Ion: 64 Resp: 415
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



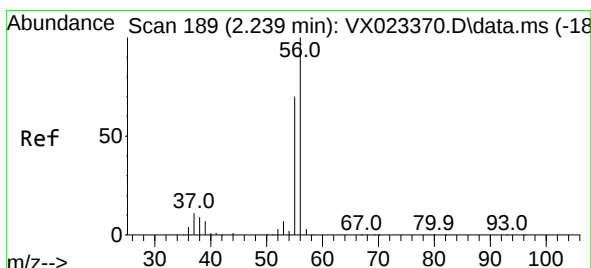
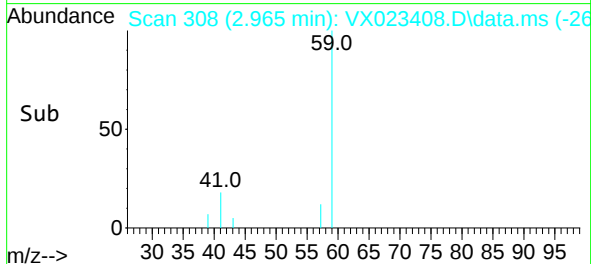
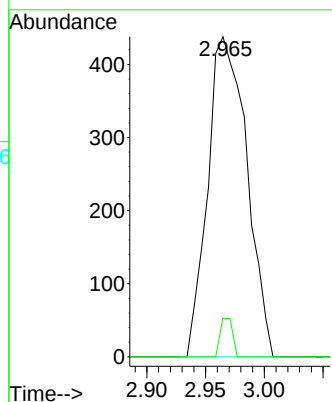
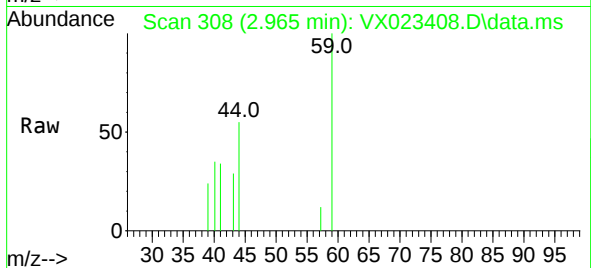


#11

Tert butyl alcohol
Concen: 2.005 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

Instrument :
MSVOA_X
ClientSampleId :
RO-VNJ-207

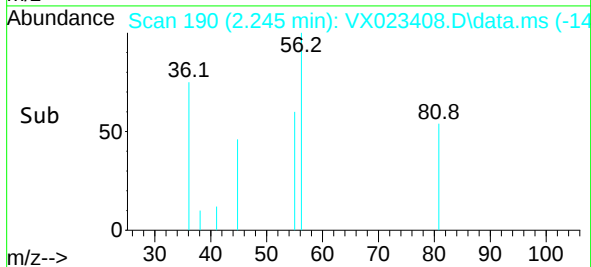
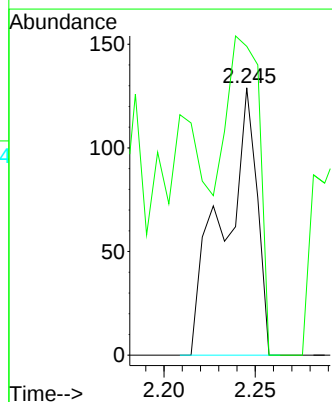
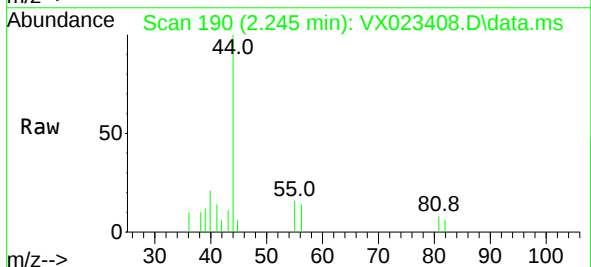
Tgt Ion: 59 Resp: 1011
Ion Ratio Lower Upper
59 100
57 3.8 7.8 11.8#

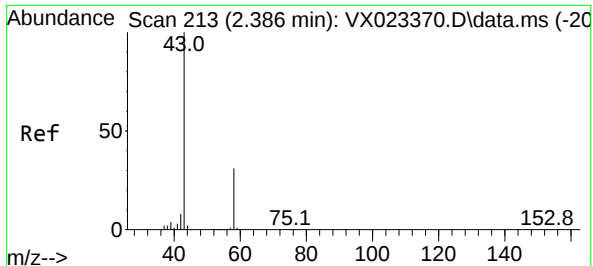


#13

Acrolein
Concen: 2.004 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

Tgt Ion: 56 Resp: 165
Ion Ratio Lower Upper
56 100
55 122.4 56.4 84.6#

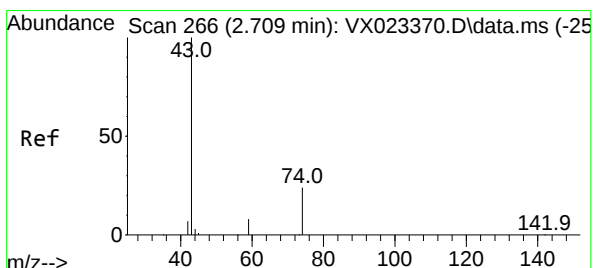
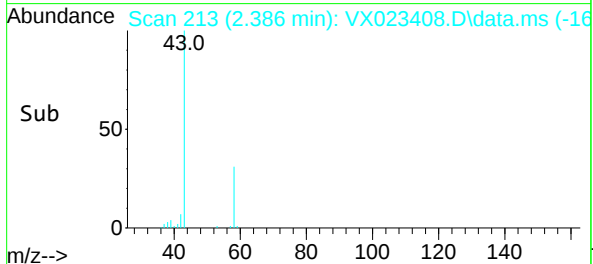
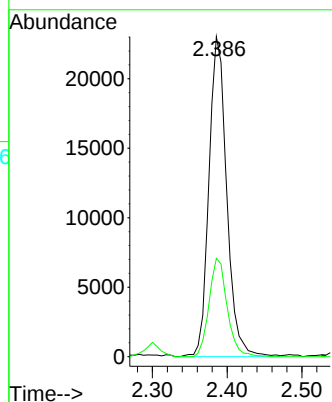
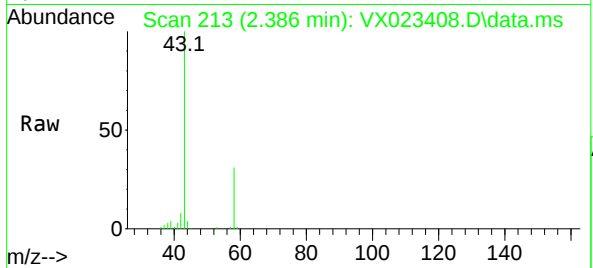




#16
Acetone
Concen: 35.226 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

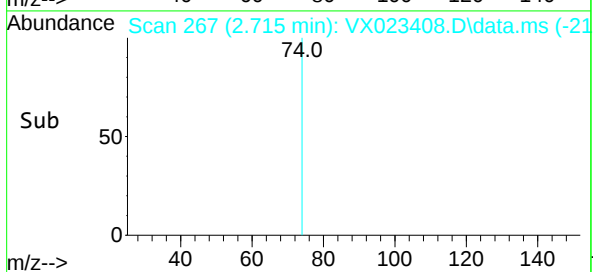
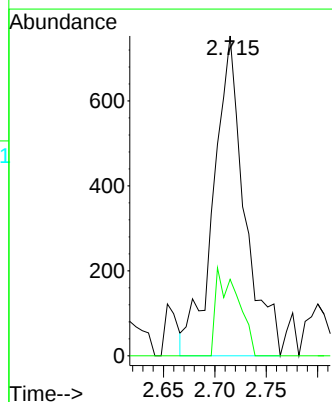
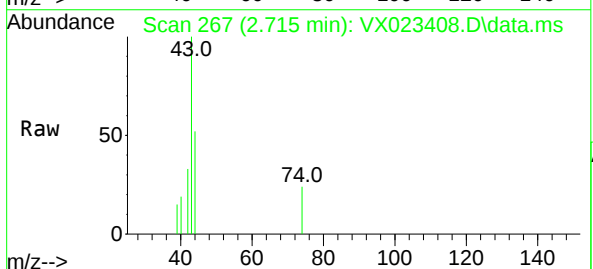
Instrument :
MSVOA_X
ClientSampleId :
RO-VNJ-207

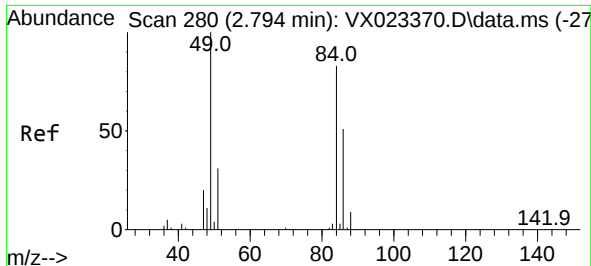
Tgt Ion: 43 Resp: 38141
Ion Ratio Lower Upper
43 100
58 30.8 27.8 41.8



#18
Methyl Acetate
Concen: 0.613 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

Tgt Ion: 43 Resp: 1577
Ion Ratio Lower Upper
43 100
74 19.6 21.9 32.9#

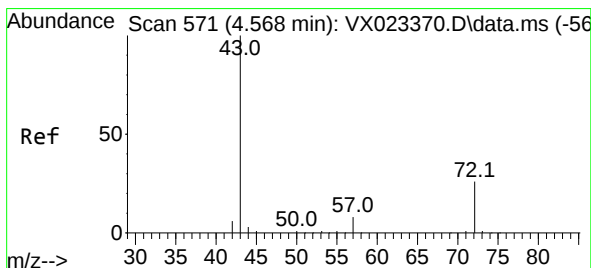
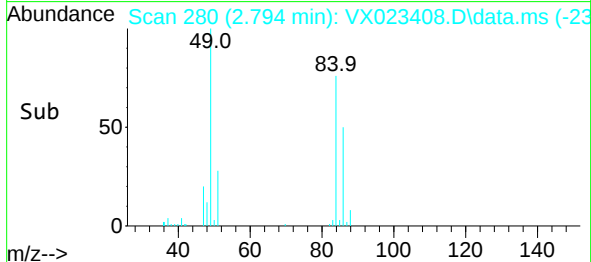
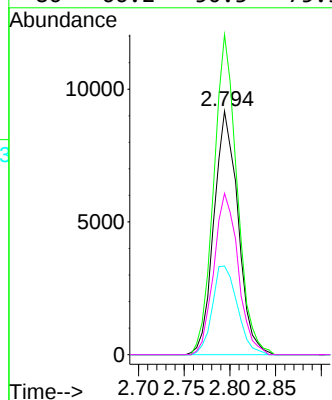
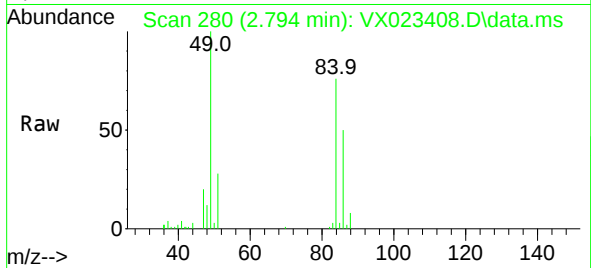




#20
Methylene Chloride
Concen: 7.986 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

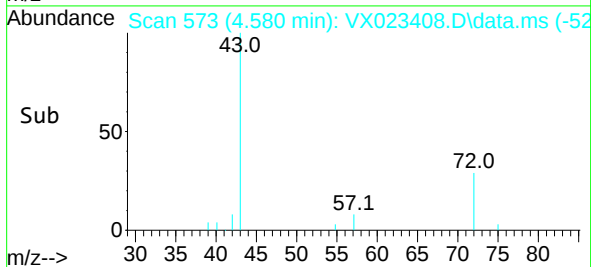
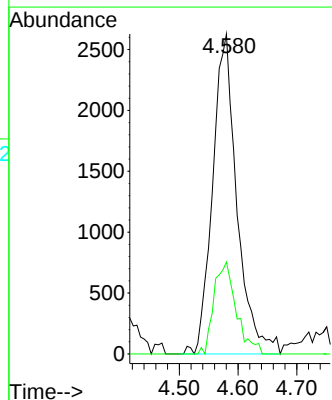
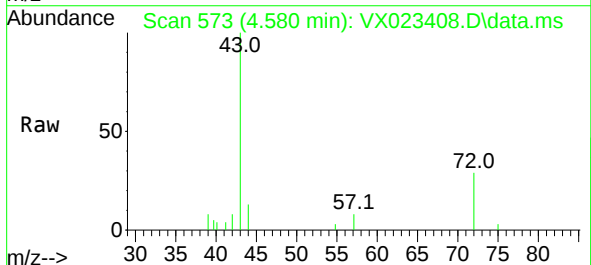
Instrument :
MSVOA_X
ClientSampleId :
RO-VNJ-207

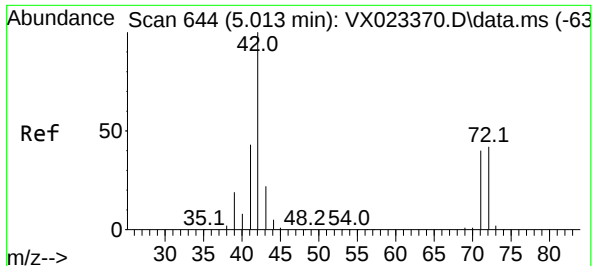
Tgt Ion:	84	Resp:	16820
Ion	Ratio	Lower	Upper
84	100		
49	131.4	88.6	132.8
51	36.4	27.0	40.6
86	66.2	50.3	75.5



#25
2-Butanone
Concen: 4.498 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

Tgt Ion:	43	Resp:	7561
Ion	Ratio	Lower	Upper
43	100		
72	28.7	23.7	35.5





#29

Tetrahydrofuran

Concen: 2.863 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.012 min

Lab File: VX023408.D

Acq: 23 Jul 2021 05:36

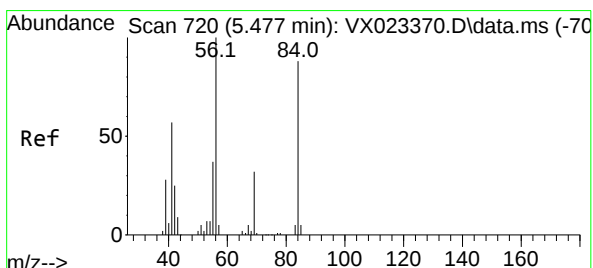
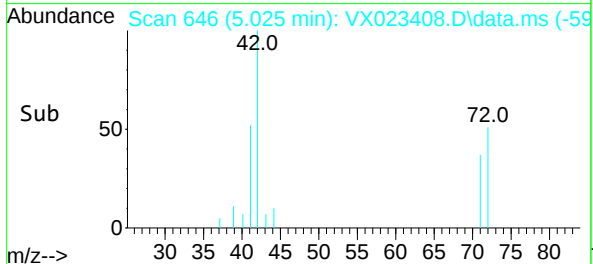
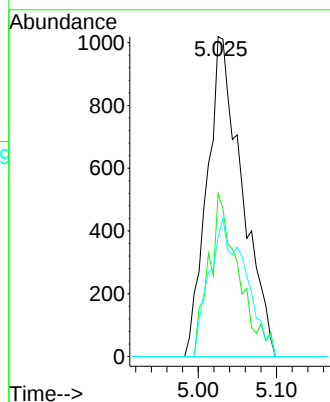
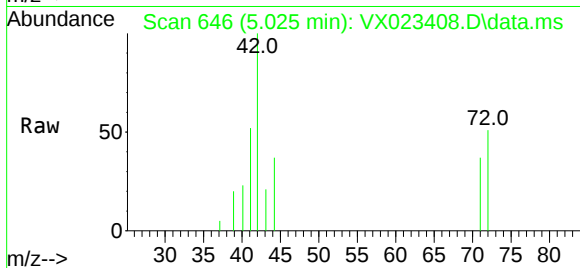
Instrument :

MSVOA_X

ClientSampleId :

RO-VNJ-207

Tgt Ion:	42	Resp:	3155
Ion	Ratio	Lower	Upper
42	100		
72	43.3	41.7	62.5
71	44.4	38.4	57.6



#31

Cyclohexane

Concen: 1.170 ug/l

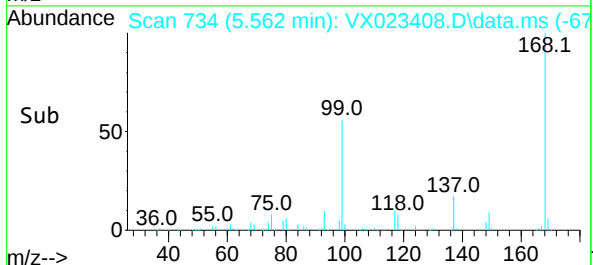
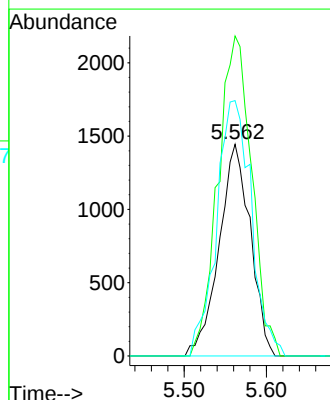
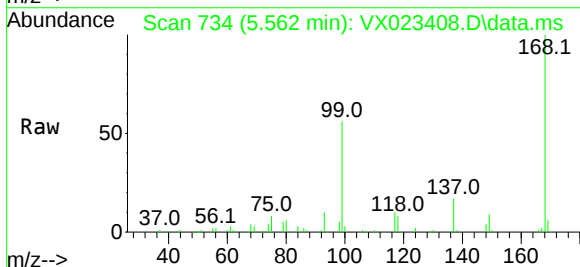
RT: 5.562 min Scan# 734

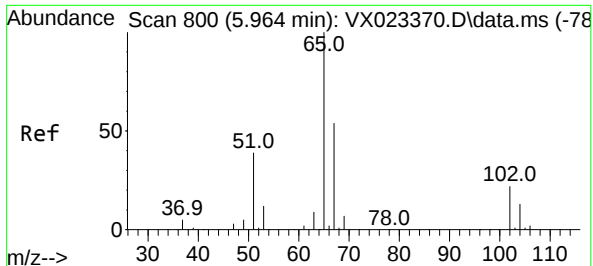
Delta R.T. 0.085 min

Lab File: VX023408.D

Acq: 23 Jul 2021 05:36

Tgt Ion:	56	Resp:	3825
Ion	Ratio	Lower	Upper
56	100		
69	151.2	25.3	37.9#
84	120.6	71.4	107.0#



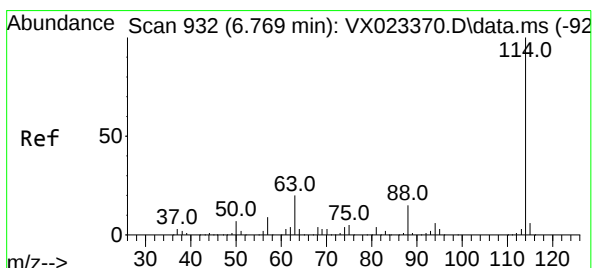
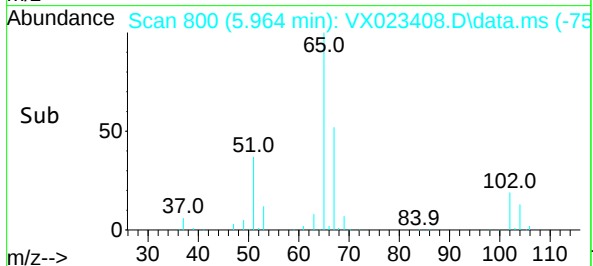
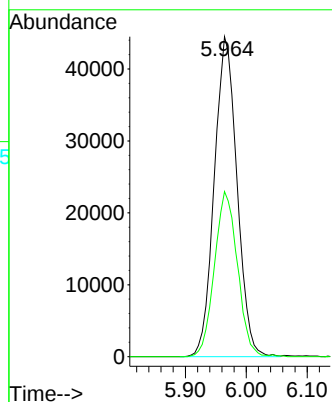
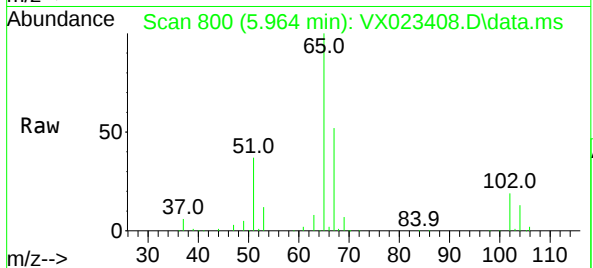


#33

1,2-Dichloroethane-d4
Concen: 52.260 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

Instrument :
MSVOA_X
ClientSampleId :
RO-VNJ-207

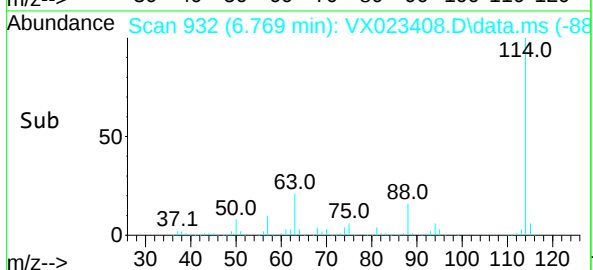
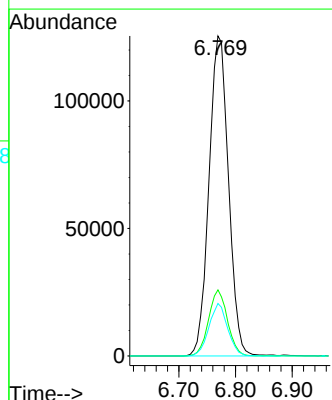
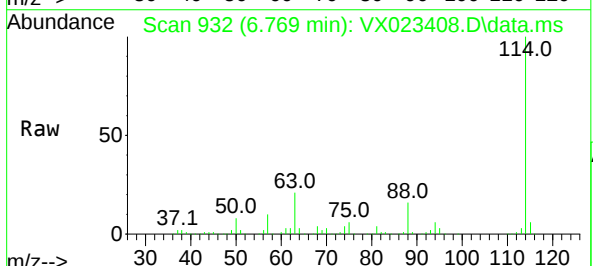
Tgt Ion: 65 Resp: 115351
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

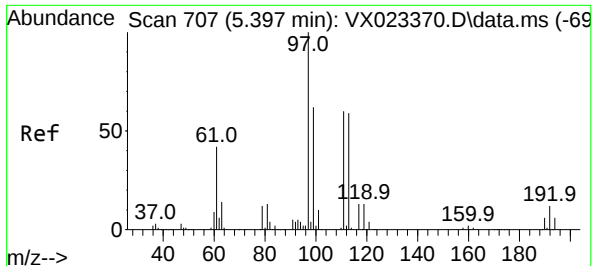


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

Tgt Ion: 114 Resp: 299880
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.4 0.0 32.8

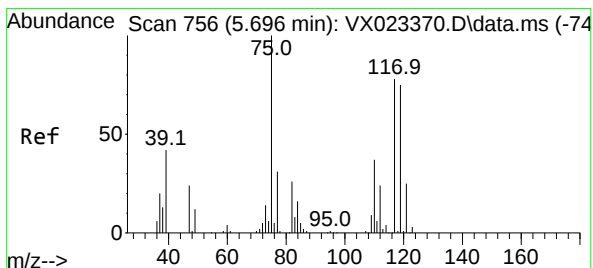
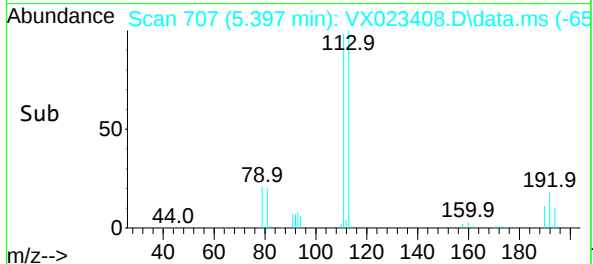
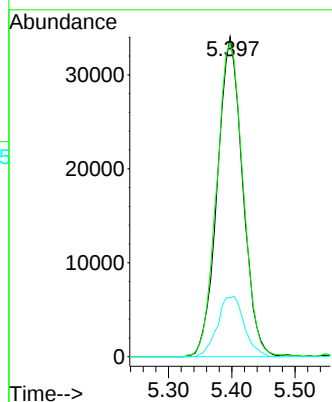
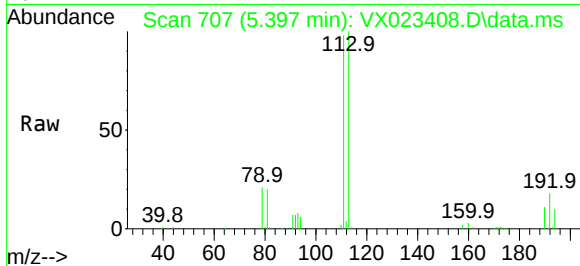




#35
Dibromofluoromethane
Concen: 50.372 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

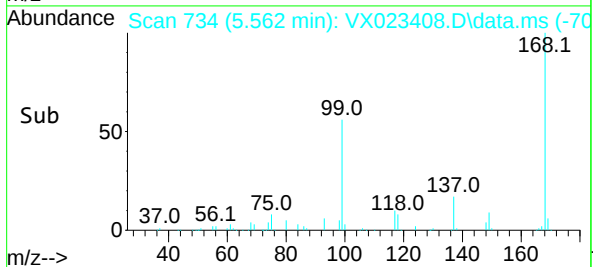
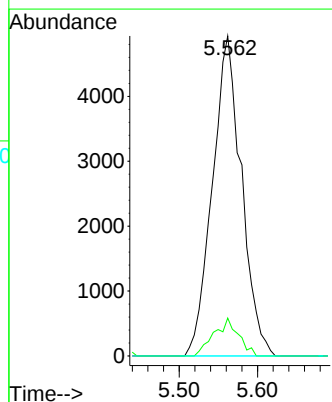
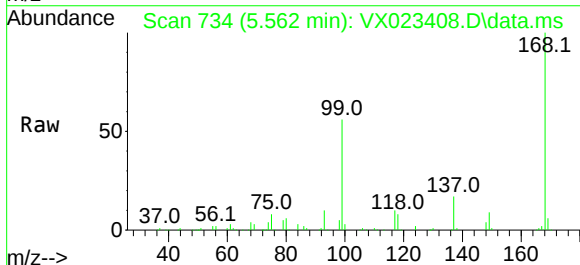
Instrument :
MSVOA_X
ClientSampleId :
RO-VNJ-207

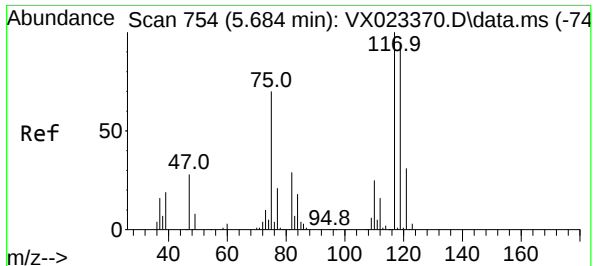
Tgt Ion:	113	Resp:	94446
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	20.0	16.7	25.1



#36
1,1-Dichloropropene
Concen: 4.686 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

Tgt Ion:	75	Resp:	12712
Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.4#
77	0.0	25.3	37.9#

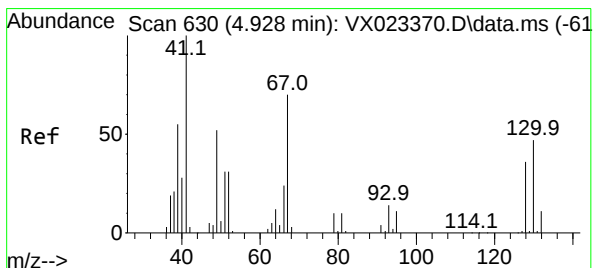
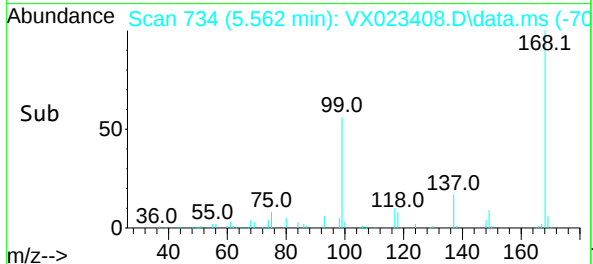
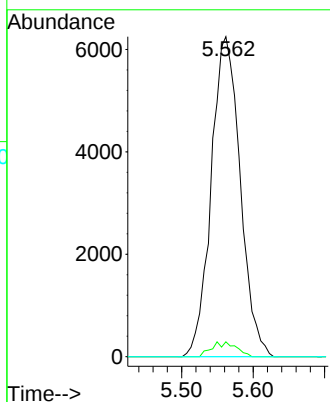
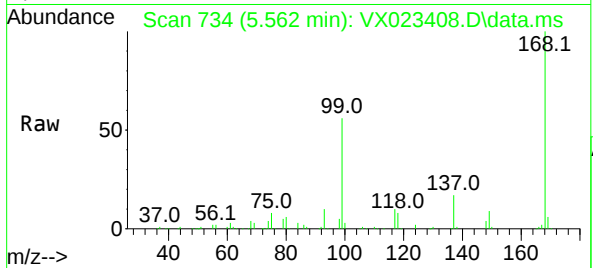




#38
Carbon Tetrachloride
Concen: 6.372 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

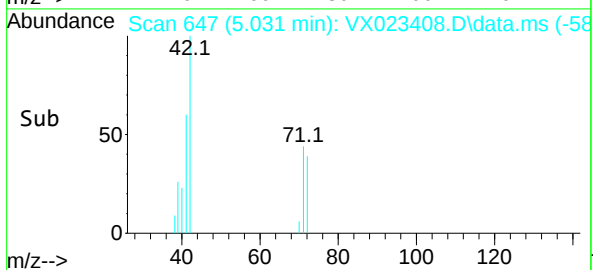
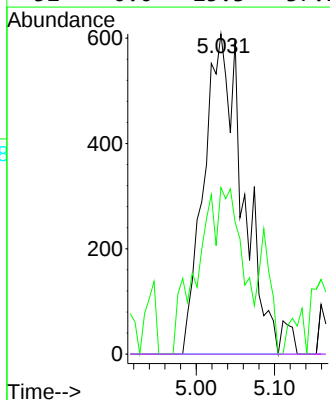
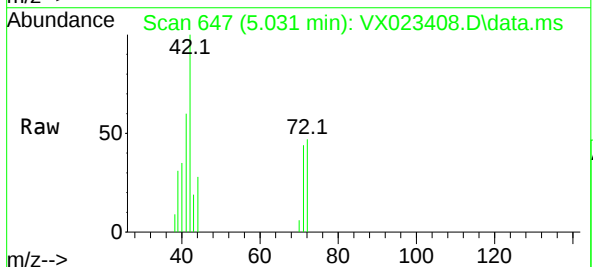
Instrument :
MSVOA_X
ClientSampleId :
RO-VNJ-207

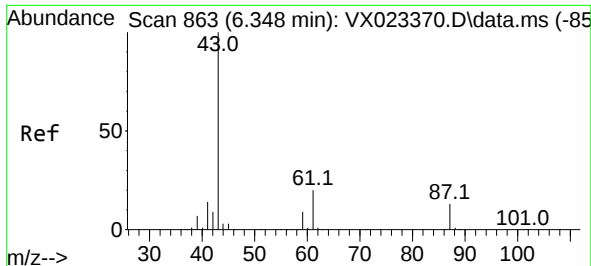
Tgt Ion:117 Resp: 17580
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 1.163 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.103 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

Tgt Ion: 41 Resp: 2101
Ion Ratio Lower Upper
41 100
39 30.7 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

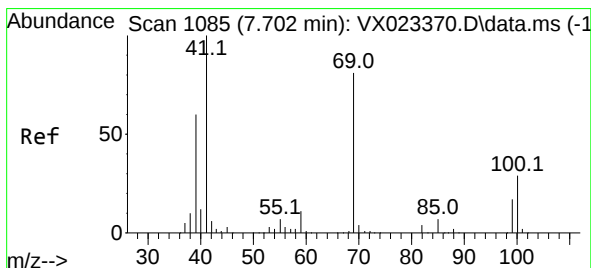
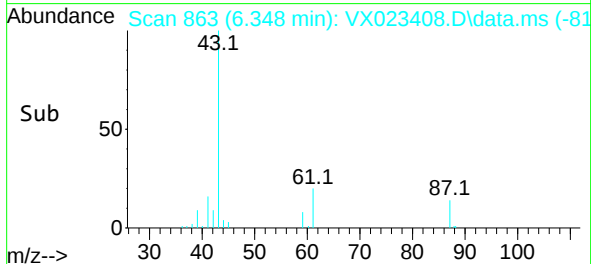
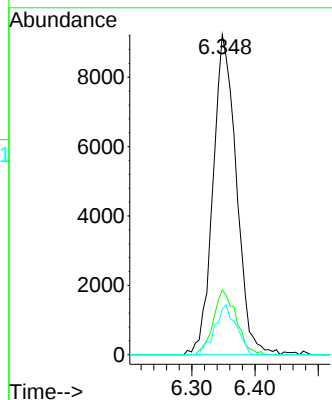
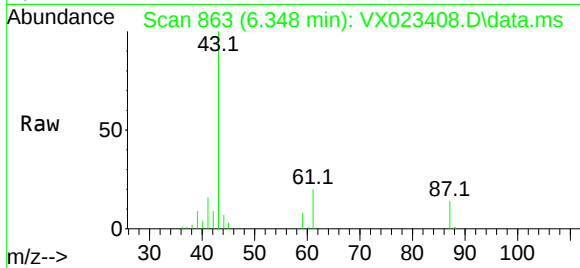




#43
Isopropyl Acetate
Concen: 4.460 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

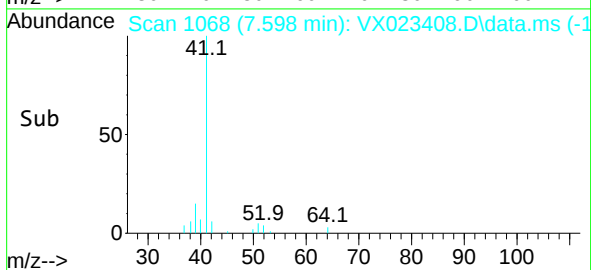
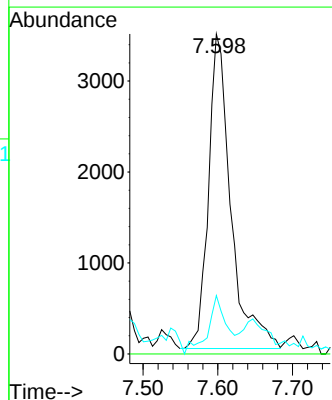
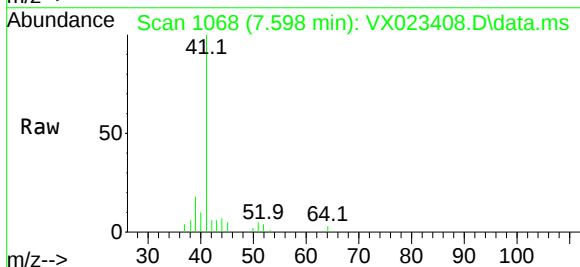
Instrument :
MSVOA_X
ClientSampled :
RO-VNJ-207

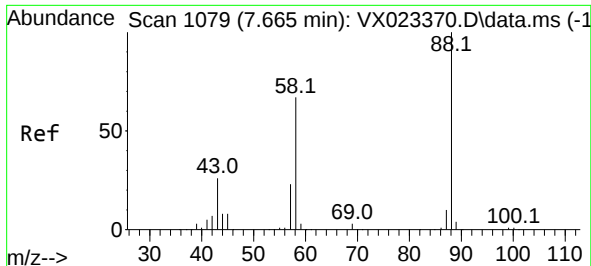
Tgt Ion:	43	Resp:	23640
Ion	Ratio	Lower	Upper
43	100		
61	19.8	18.2	27.4
87	14.2	12.5	18.7



#48
Methyl methacrylate
Concen: 2.931 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.104 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

Tgt Ion:	41	Resp:	7194
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#





#49

1,4-Dioxane

Concen: 3.348 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.134 min

Lab File: VX023408.D

Acq: 23 Jul 2021 05:36

Tgt Ion: 88 Resp: 175

Ion Ratio Lower Upper

88 100

43 746208.6 23.2 34.8#

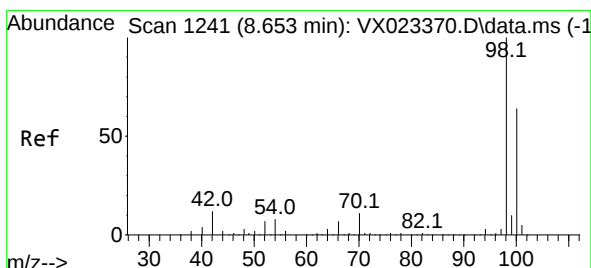
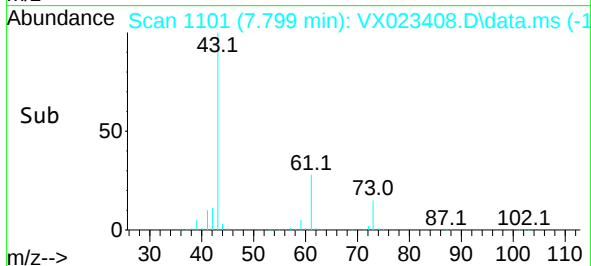
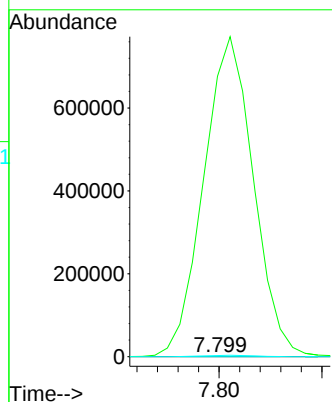
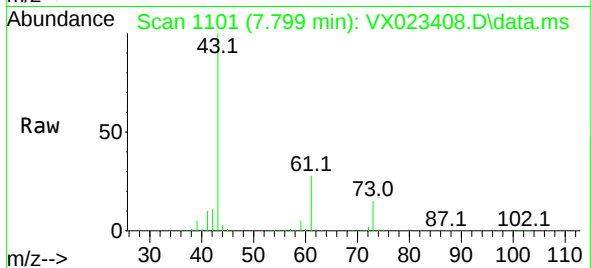
58 3312.0 55.0 82.4#

Instrument :

MSVOA_X

ClientSampled :

RO-VNJ-207



#50

Toluene-d8

Concen: 52.130 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023408.D

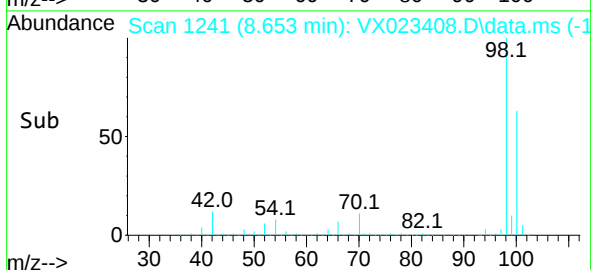
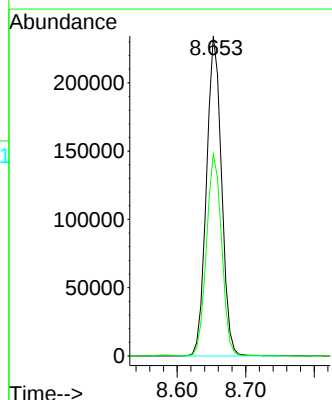
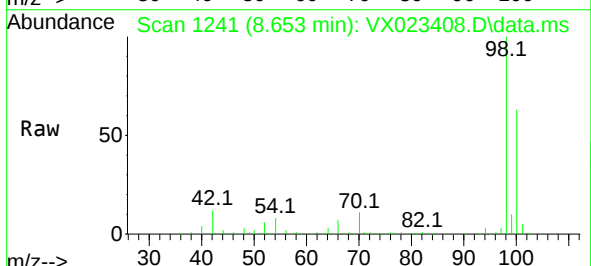
Acq: 23 Jul 2021 05:36

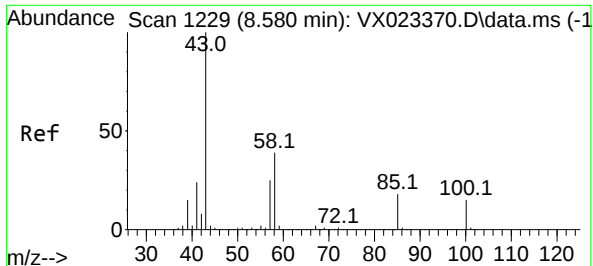
Tgt Ion: 98 Resp: 359109

Ion Ratio Lower Upper

98 100

100 63.5 51.9 77.9

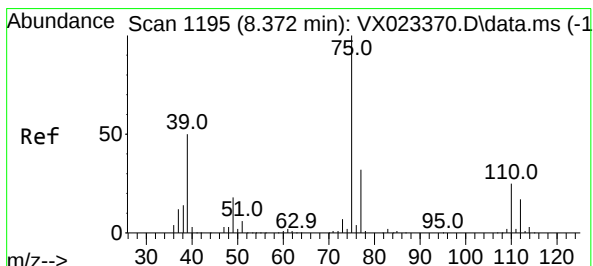
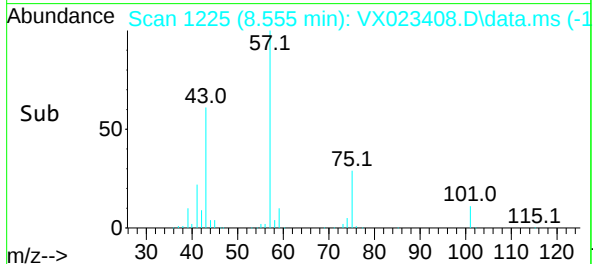
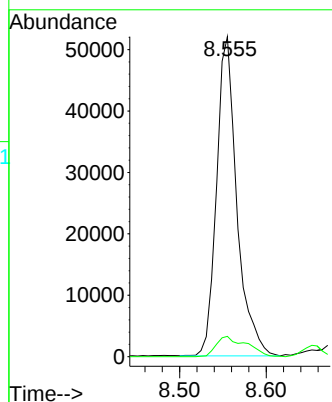
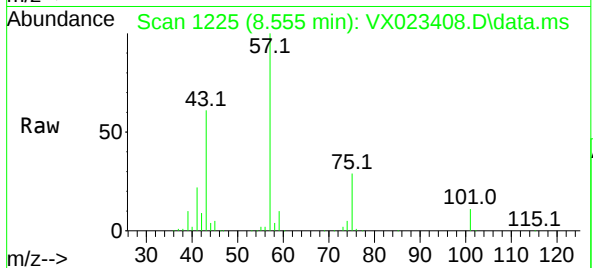




#51
4-Methyl-2-Pentanone
Concen: 26.097 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

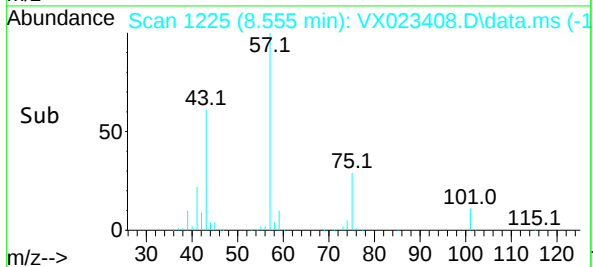
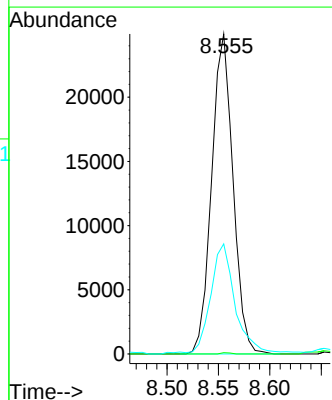
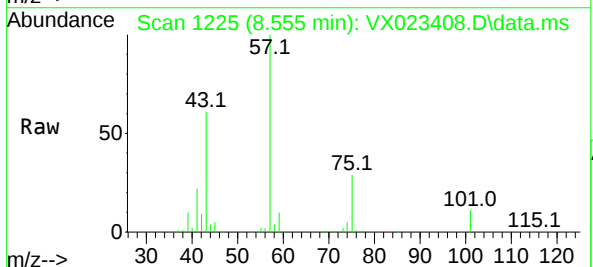
Instrument :
MSVOA_X
ClientSampleId :
RO-VNJ-207

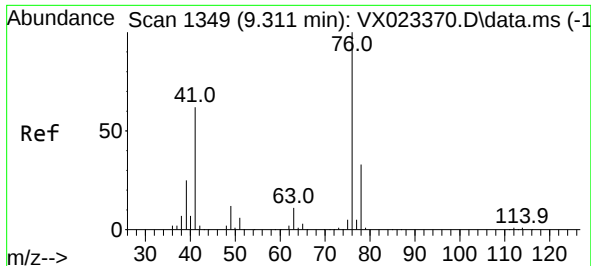
Tgt Ion: 43 Resp: 84600
Ion Ratio Lower Upper
43 100
58 9.5 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 11.106 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

Tgt Ion: 75 Resp: 36011
Ion Ratio Lower Upper
75 100
77 0.4 25.7 38.5#
39 33.8 35.1 52.7#



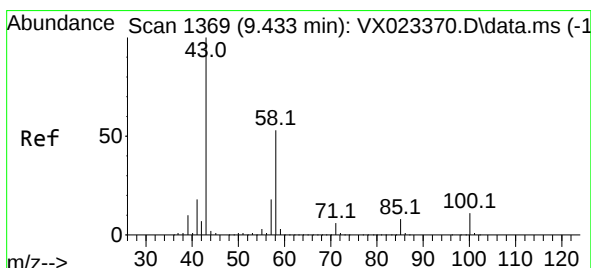
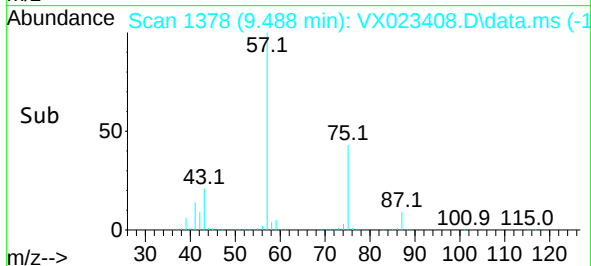
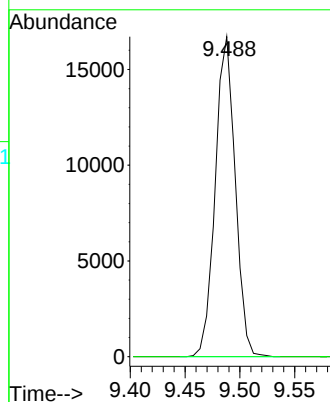
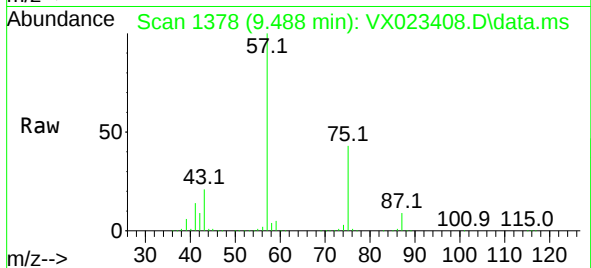


#57

1,3-Dichloropropane
Concen: 6.183 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

Instrument :
MSVOA_X
ClientSampleId :
RO-VNJ-207

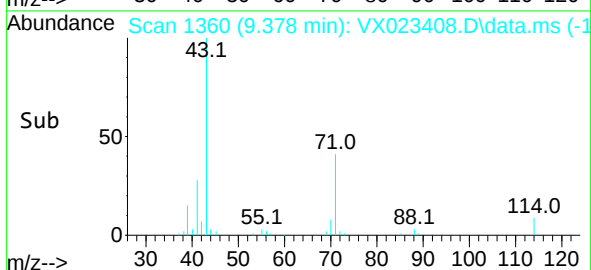
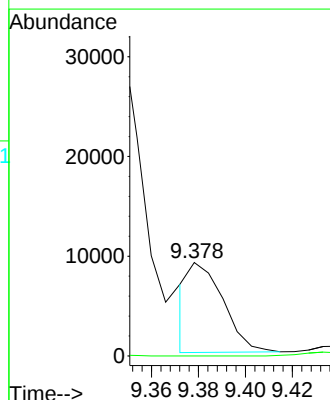
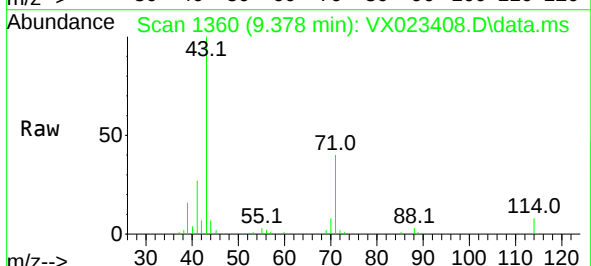
Tgt Ion: 76 Resp: 21199
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

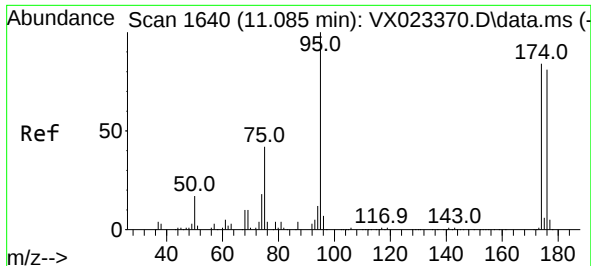


#59

2-Hexanone
Concen: 3.755 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

Tgt Ion: 43 Resp: 9244
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

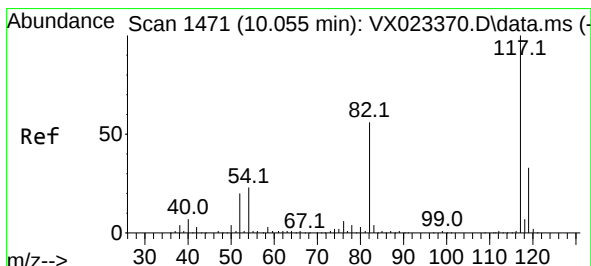
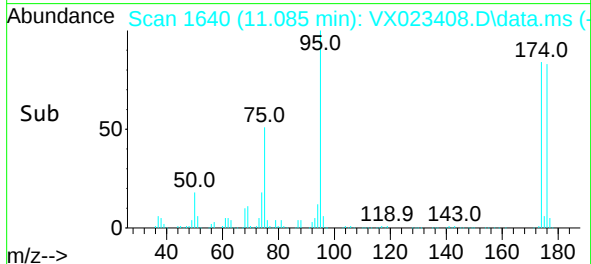
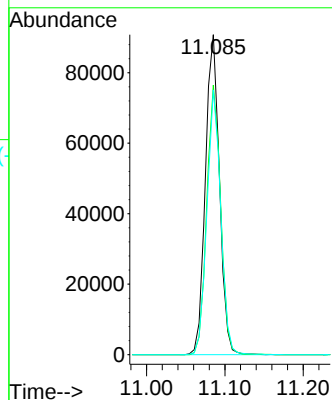
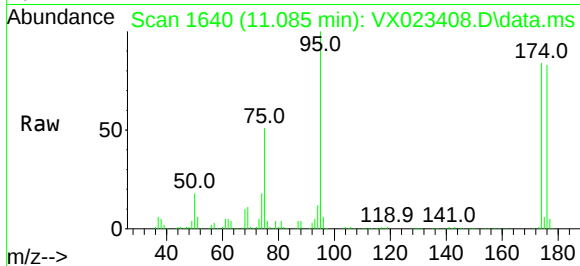




#62
4-Bromofluorobenzene
Concen: 48.106 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

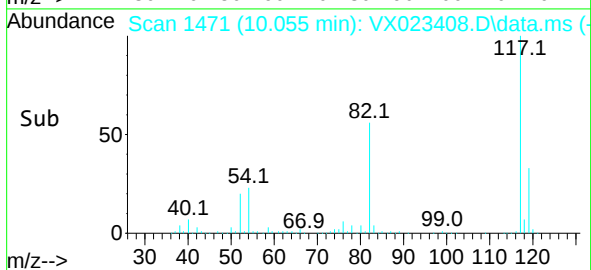
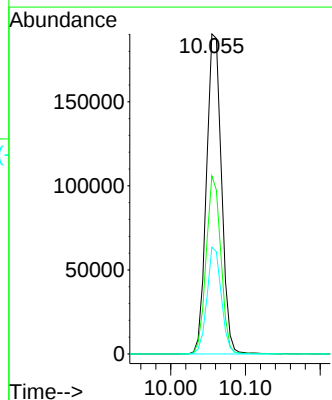
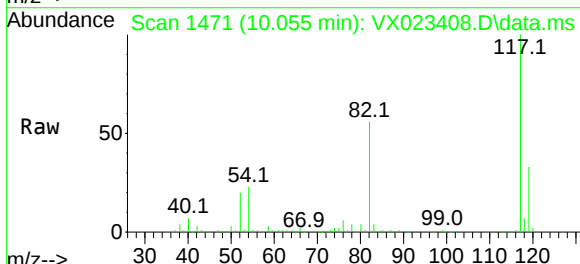
Instrument :
MSVOA_X
ClientSampleId :
RO-VNJ-207

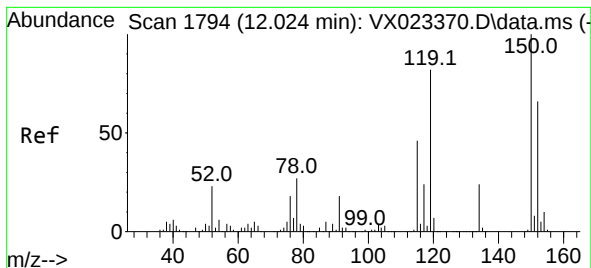
Tgt Ion: 95 Resp: 112685
Ion Ratio Lower Upper
95 100
174 83.5 0.0 154.6
176 81.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

Tgt Ion: 117 Resp: 265644
Ion Ratio Lower Upper
117 100
82 55.7 47.4 71.2
119 33.4 26.6 39.8

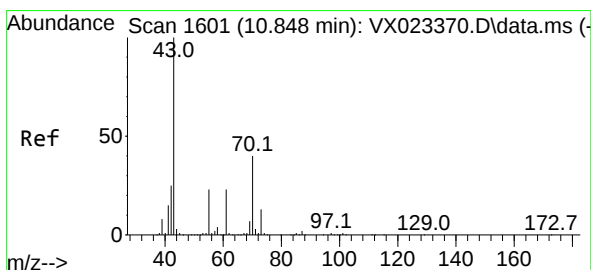
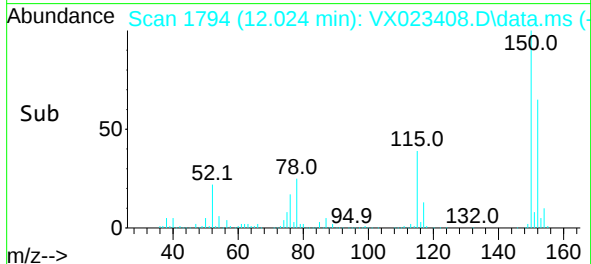
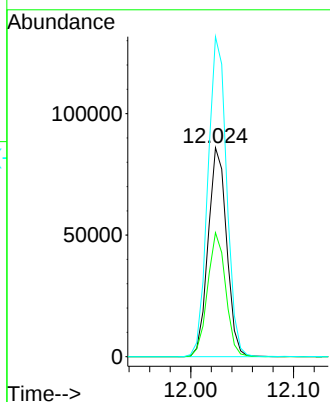
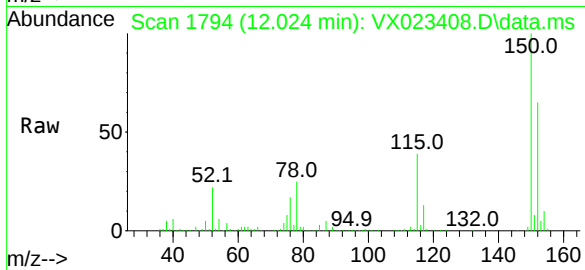




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

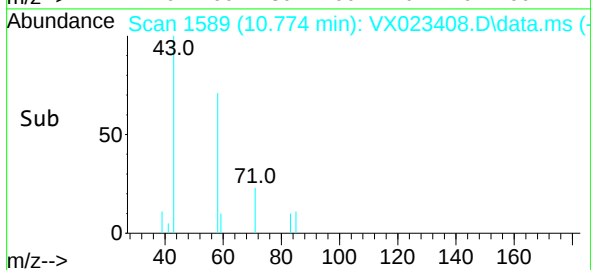
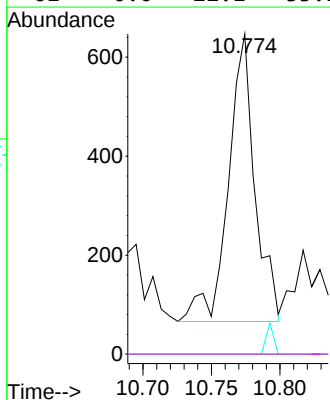
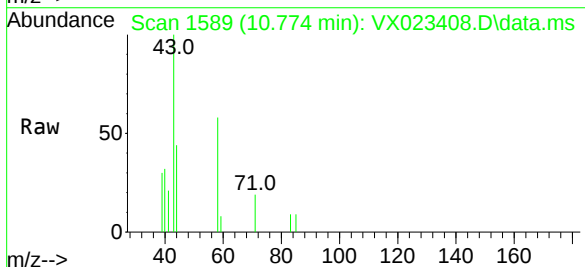
Instrument :
MSVOA_X
ClientSampled :
RO-VNJ-207

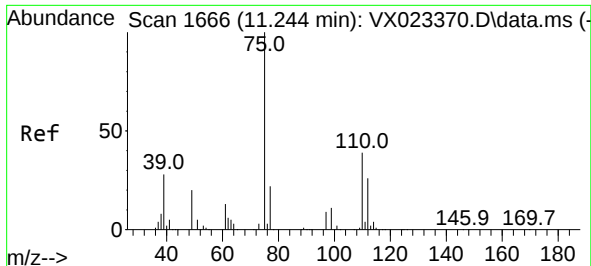
Tgt Ion:152 Resp: 107267
Ion Ratio Lower Upper
152 100
115 58.2 41.1 123.3
150 155.4 0.0 349.0



#74
N-ethyl acetate
Concen: 0.212 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.074 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 2.9 21.5 32.3#
61 0.0 22.1 33.1#

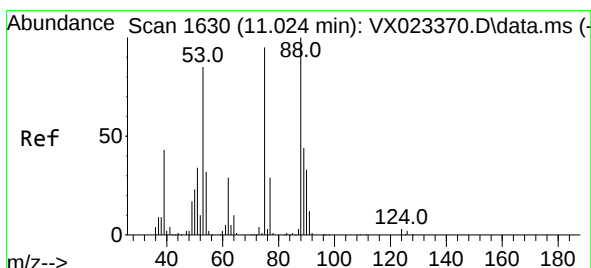
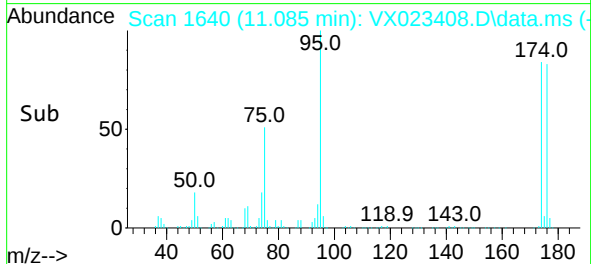
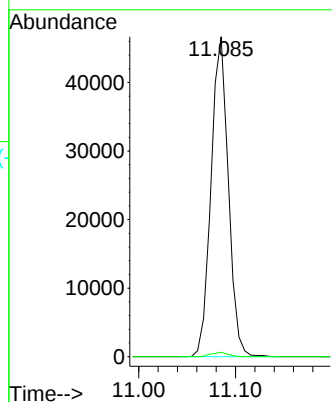
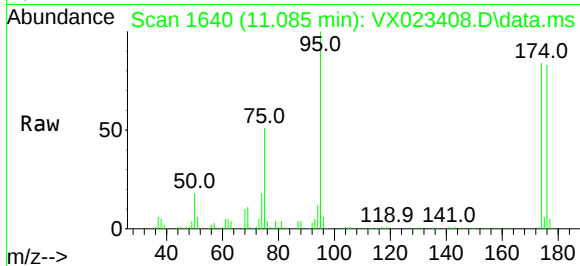




#76
1,2,3-Trichloropropane
Concen: 24.580 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

Instrument :
MSVOA_X
ClientSampleId :
RO-VNJ-207

Tgt Ion: 75 Resp: 58020
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.092 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023408.D
Acq: 23 Jul 2021 05:36

Tgt Ion: 75 Resp: 58020
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

