

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113022\
 Data File : VX033128.D
 Acq On : 30 Nov 2022 13:46
 Operator : JC/MD
 Sample : N5804-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1-STOCK

Quant Time: Dec 01 00:19:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

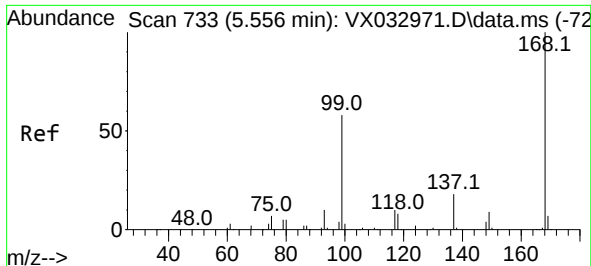
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	145766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	238191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79173	55.959	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.920%			
35) Dibromofluoromethane	5.385	113	63251	47.103	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.200%			
50) Toluene-d8	8.647	98	217895	54.107	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.220%			
62) 4-Bromofluorobenzene	11.079	95	85159	48.277	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.560%			
Target Compounds					Qvalue	
3) Chloromethane	1.258	50	873	0.726	ug/l #	43
11) Tert butyl alcohol	2.947	59	1823	8.101	ug/l #	72
16) Acetone	2.392	43	12187	18.383	ug/l	99
18) Methyl Acetate	2.709	43	1343	0.732	ug/l #	89
20) Methylene Chloride	2.794	84	4985	2.378	ug/l	96
25) 2-Butanone	4.587	43	1225	1.340	ug/l	98
29) Tetrahydrofuran	5.044	42	368	0.634	ug/l #	31
31) Cyclohexane	5.556	56	3019	1.313	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	11474	5.344	ug/l #	50
37) Ethyl Acetate	4.721	43	18846	10.061	ug/l	97
38) Carbon Tetrachloride	5.556	117	15141	6.357	ug/l #	15
43) Isopropyl Acetate	6.336	43	83637	26.997	ug/l	99
48) Methyl methacrylate	7.799	41	80167	50.272	ug/l #	44
49) 1,4-Dioxane	7.799	88	57	1.942	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	70440	36.847	ug/l #	48
53) t-1,3-Dichloropropene	8.952	75	564	1.744	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	31188	12.897	ug/l #	61
56) Ethyl methacrylate	9.244	69	680	0.306	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	4123	1.584	ug/l #	42
59) 2-Hexanone	9.482	43	57597	40.786	ug/l #	51
74) N-amyl acetate	10.640	43	20999	8.889	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	45510	24.727	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45510	80.375	ug/l #	6

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

Quant Time: Dec 01 00:19:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration

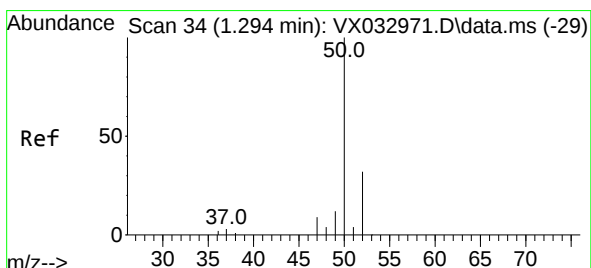
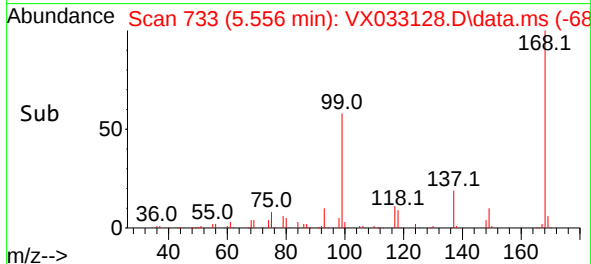
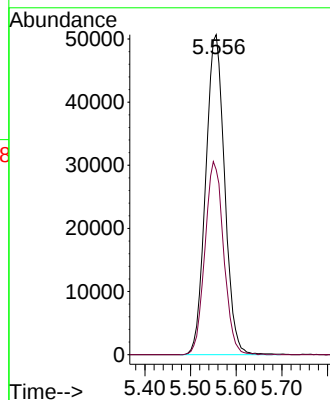
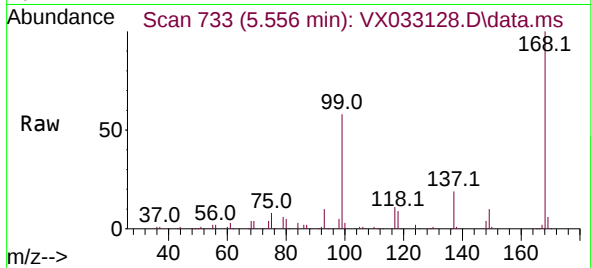




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033128.D
Acq: 30 Nov 2022 13:46

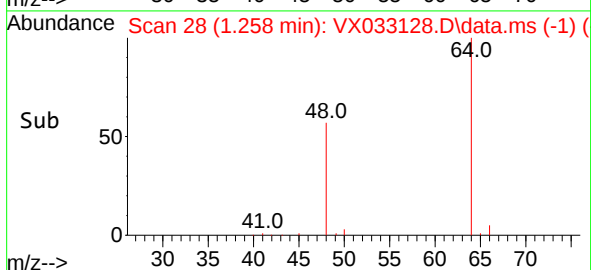
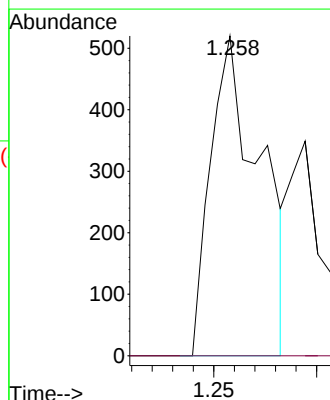
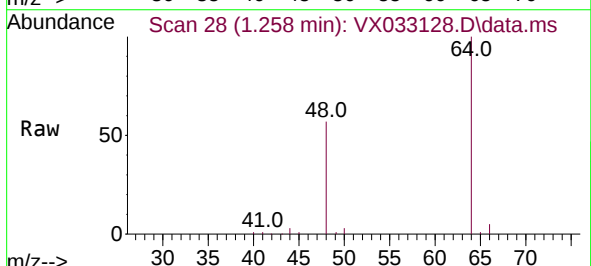
Instrument :
MSVOA_X
ClientSampleId :
SB-1-STOCK

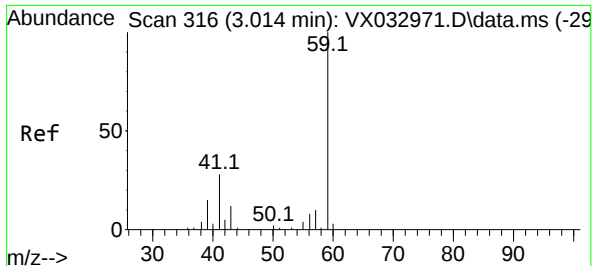
Tgt Ion:168 Resp: 145766
Ion Ratio Lower Upper
168 100
99 57.8 46.1 69.1



#3
Chloromethane
Concen: 0.726 ug/l
RT: 1.258 min Scan# 28
Delta R.T. -0.036 min
Lab File: VX033128.D
Acq: 30 Nov 2022 13:46

Tgt Ion: 50 Resp: 873
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 8.101 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.018 min

Lab File: VX033128.D

Acq: 30 Nov 2022 13:46

Instrument :

MSVOA_X

ClientSampleId :

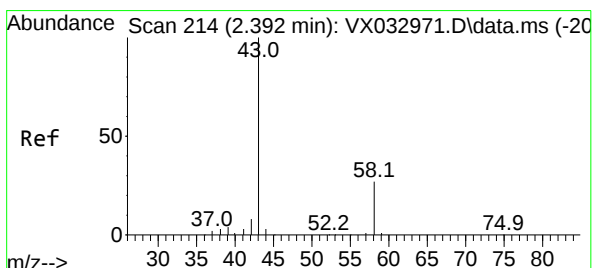
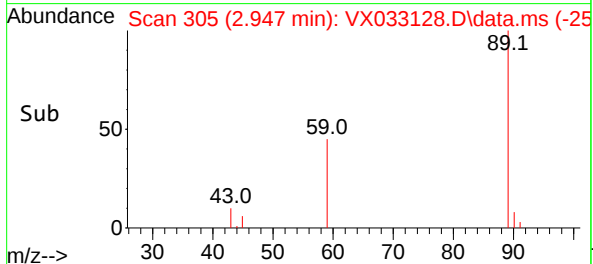
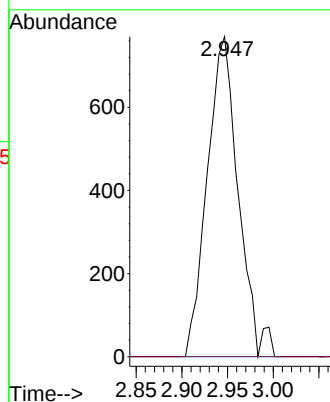
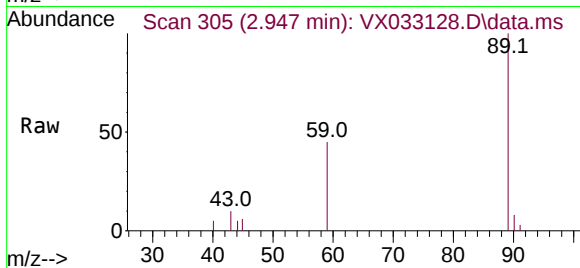
SB-1-STOCK

Tgt Ion: 59 Resp: 1823

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 18.383 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX033128.D

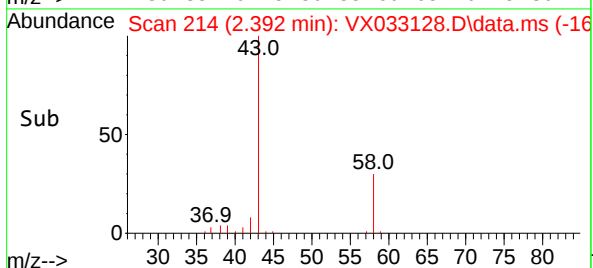
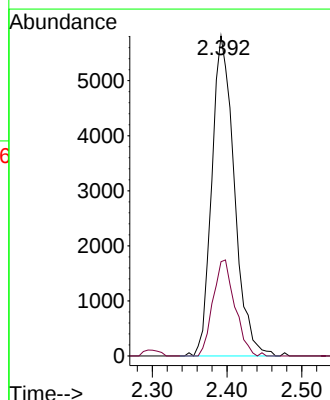
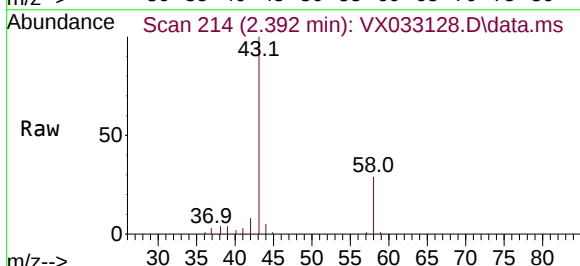
Acq: 30 Nov 2022 13:46

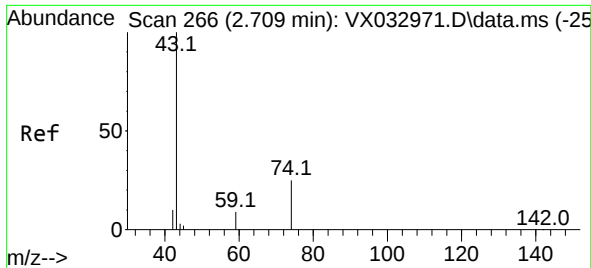
Tgt Ion: 43 Resp: 12187

Ion Ratio Lower Upper

43 100

58 29.5 23.8 35.8

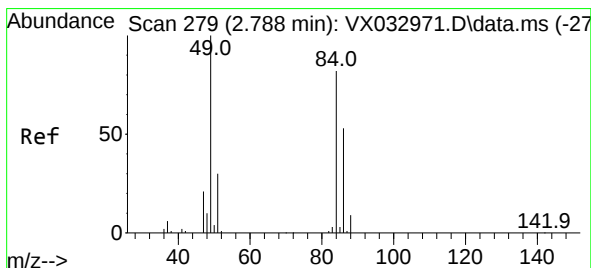
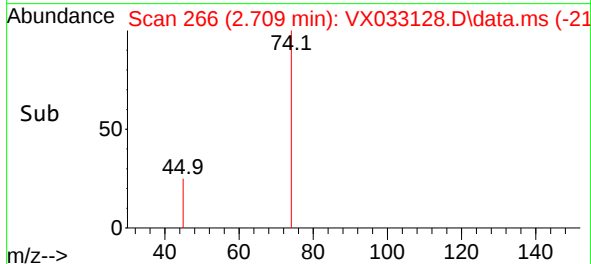
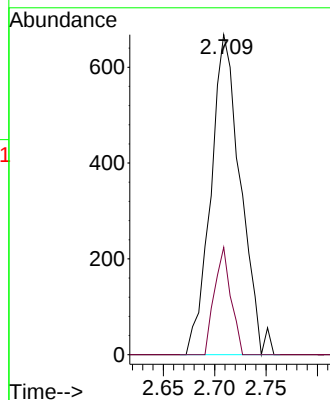
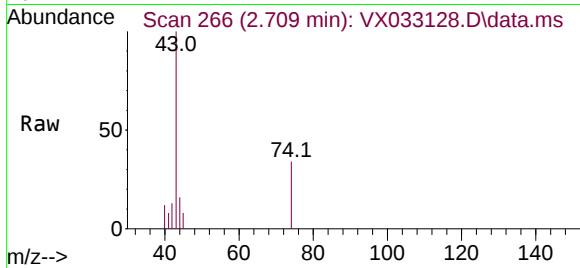




#18
Methyl Acetate
Concen: 0.732 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX033128.D
Acq: 30 Nov 2022 13:46

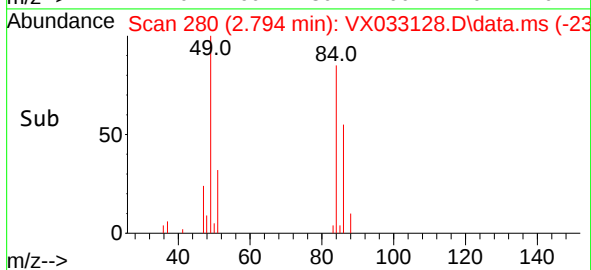
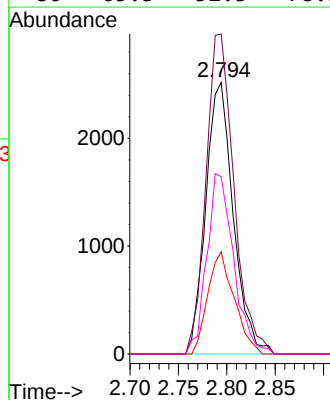
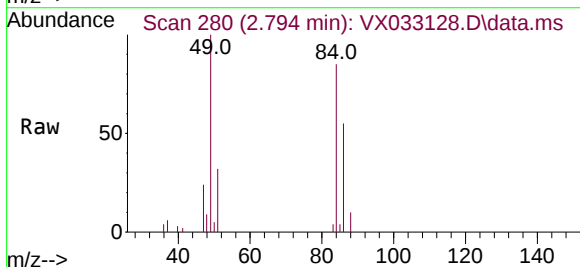
Instrument :
MSVOA_X
ClientSampleId :
SB-1-STOCK

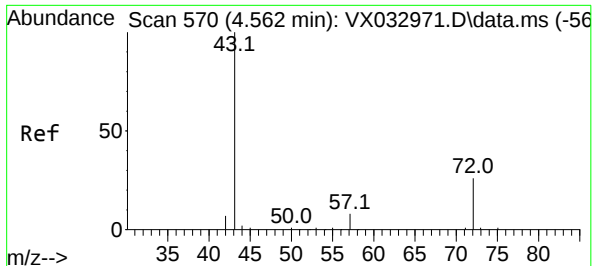
Tgt Ion: 43 Resp: 1343
Ion Ratio Lower Upper
43 100
74 18.5 19.4 29.0#



#20
Methylene Chloride
Concen: 2.378 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033128.D
Acq: 30 Nov 2022 13:46

Tgt Ion: 84 Resp: 4985
Ion Ratio Lower Upper
84 100
49 117.8 101.0 151.6
51 37.6 31.1 46.7
86 65.3 52.3 78.5





#25

2-Butanone

Concen: 1.340 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.031 min

Lab File: VX033128.D

Acq: 30 Nov 2022 13:46

Instrument :

MSVOA_X

ClientSampleId :

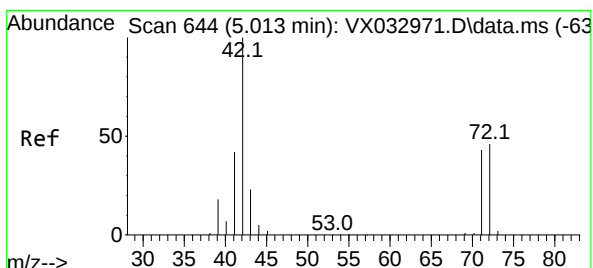
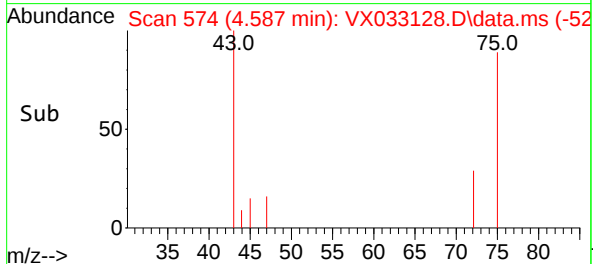
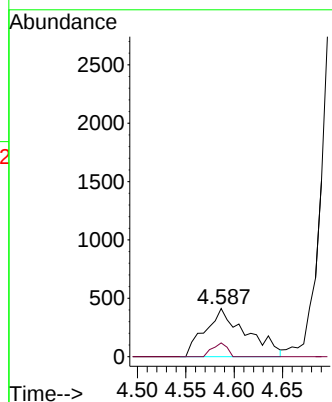
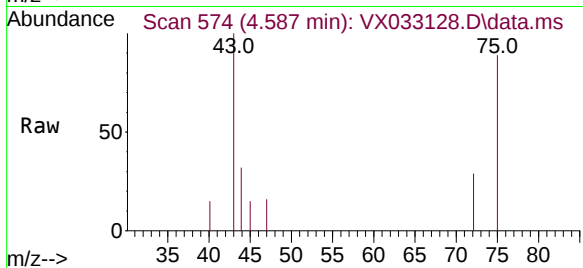
SB-1-STOCK

Tgt Ion: 43 Resp: 1225

Ion Ratio Lower Upper

43 100

72 28.6 22.2 33.2



#29

Tetrahydrofuran

Concen: 0.634 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.043 min

Lab File: VX033128.D

Acq: 30 Nov 2022 13:46

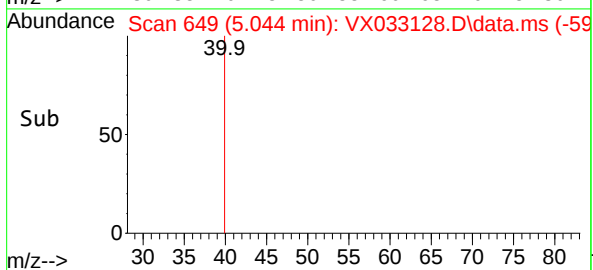
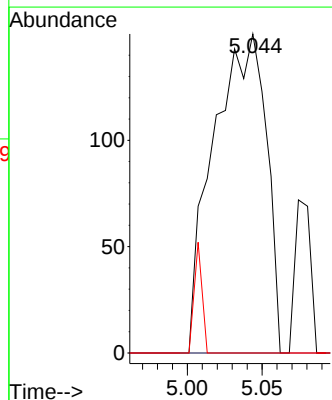
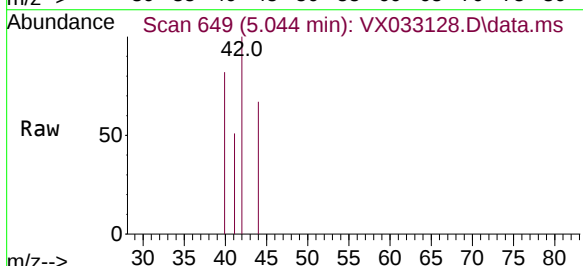
Tgt Ion: 42 Resp: 368

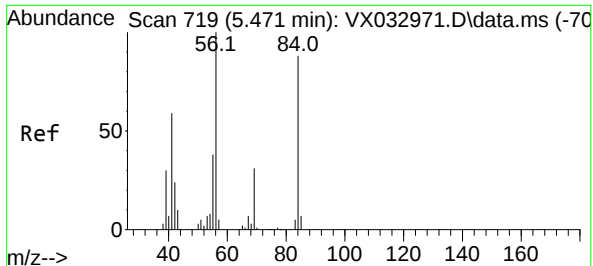
Ion Ratio Lower Upper

42 100

72 0.0 37.6 56.4#

71 0.0 34.7 52.1#

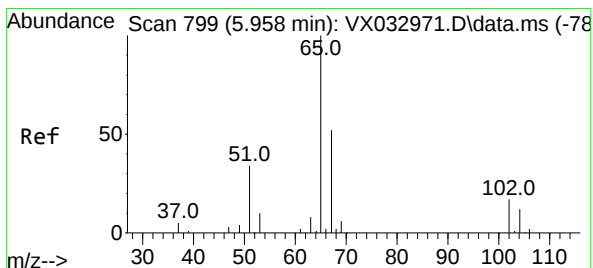
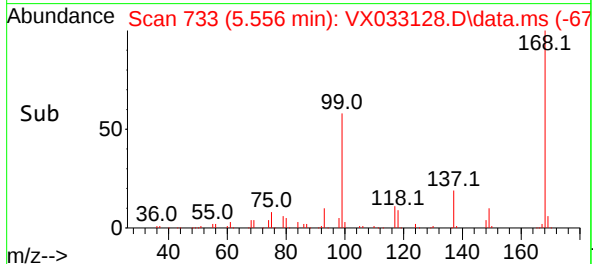
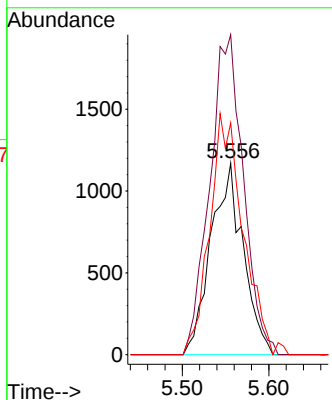
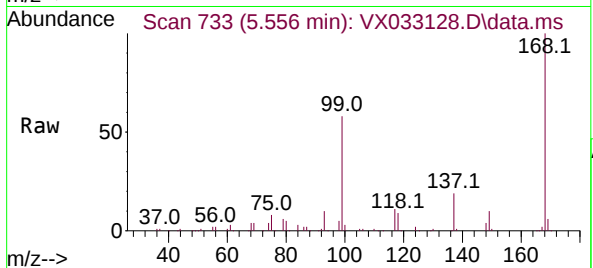




#31
Cyclohexane
Concen: 1.313 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX033128.D
Acq: 30 Nov 2022 13:46

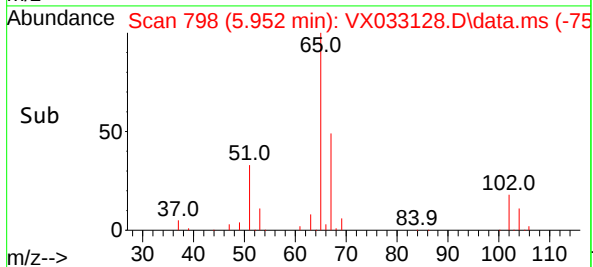
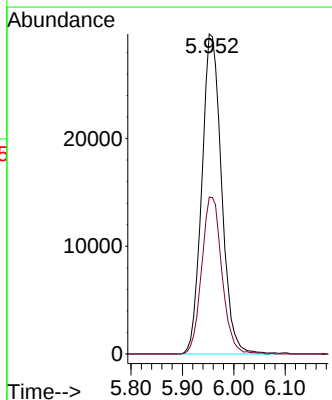
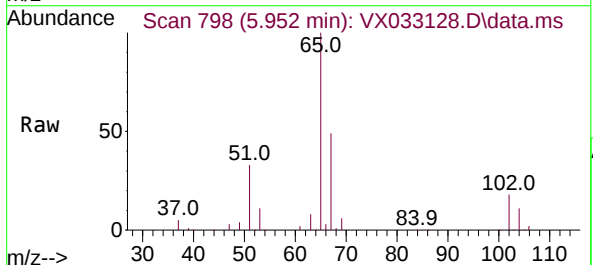
Instrument :
MSVOA_X
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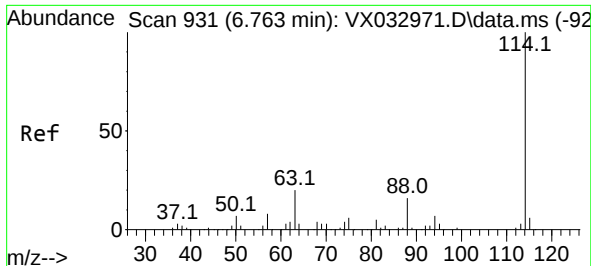
Tgt Ion: 56 Resp: 3019
Ion Ratio Lower Upper
56 100
69 167.0 24.1 36.1#
84 121.0 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 55.959 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033128.D
Acq: 30 Nov 2022 13:46

Tgt Ion: 65 Resp: 79173
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8

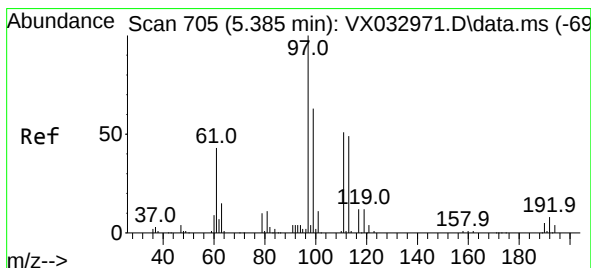
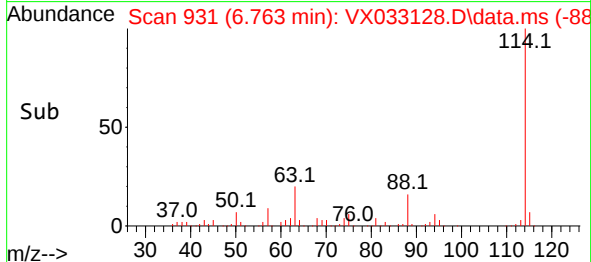
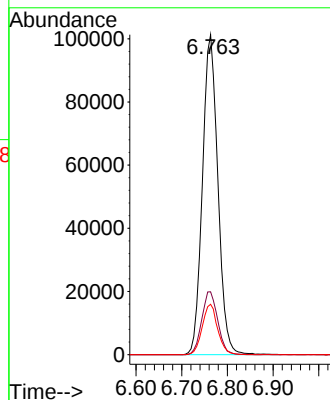
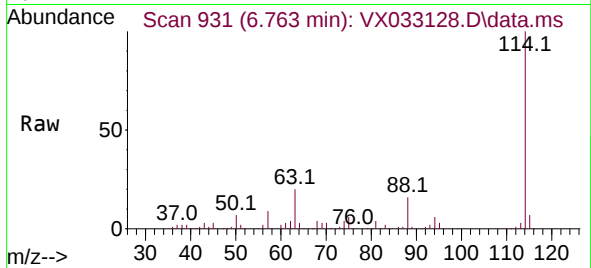




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033128.D
Acq: 30 Nov 2022 13:46

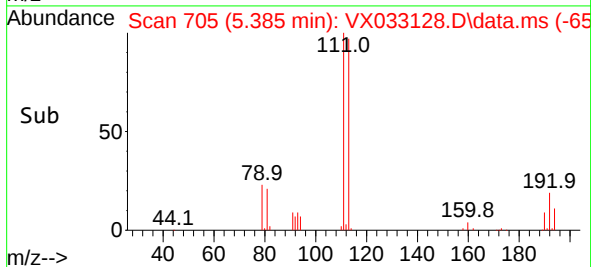
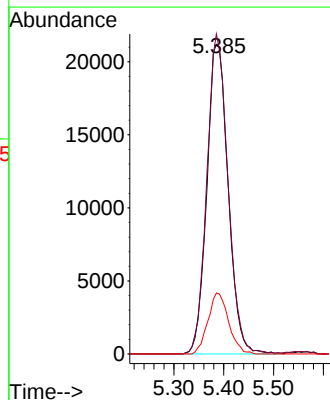
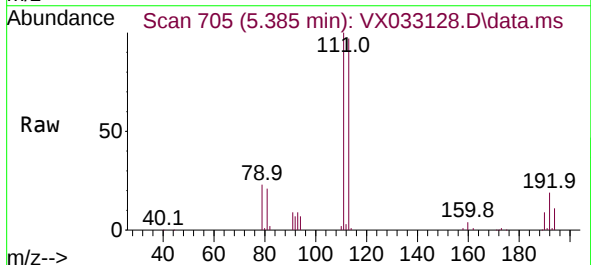
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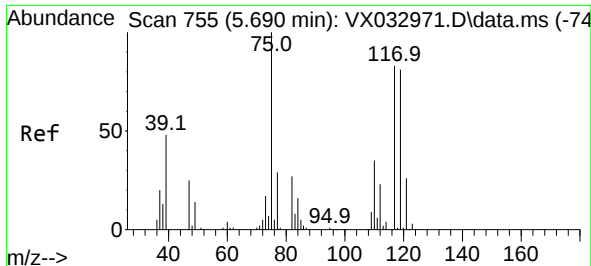
Tgt Ion:114 Resp: 238191
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.103 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033128.D
Acq: 30 Nov 2022 13:46

Tgt Ion:113 Resp: 63251
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 19.0 15.4 23.2

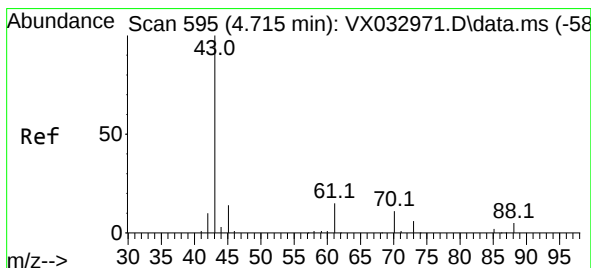
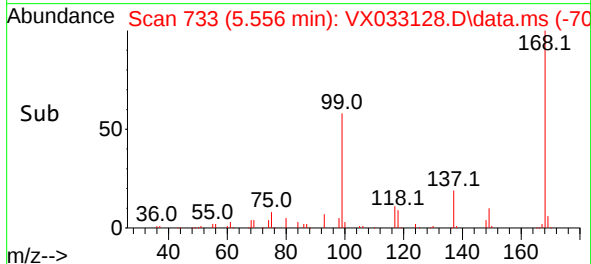
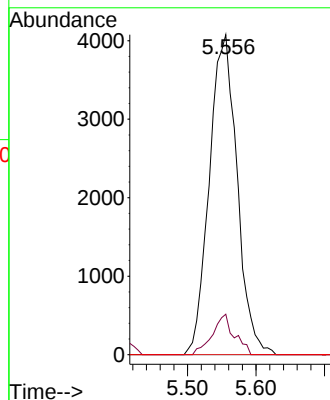
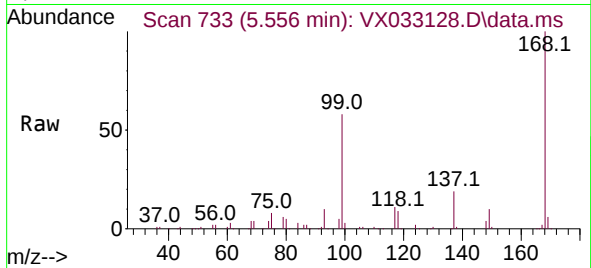




#36
1,1-Dichloropropene
Concen: 5.344 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033128.D
Acq: 30 Nov 2022 13:46

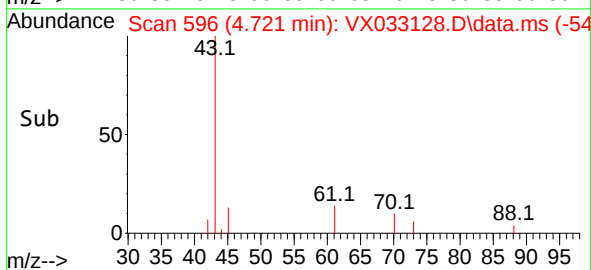
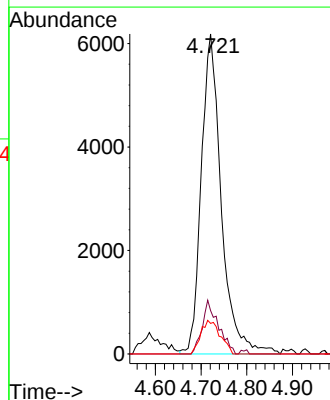
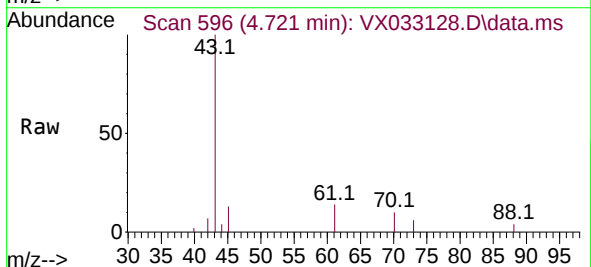
Instrument :
MSVOA_X
ClientSampleId :
SB-1-STOCK

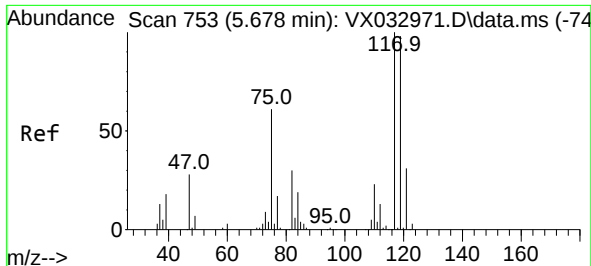
Tgt Ion: 75 Resp: 11474
Ion Ratio Lower Upper
75 100
110 10.0 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 10.061 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX033128.D
Acq: 30 Nov 2022 13:46

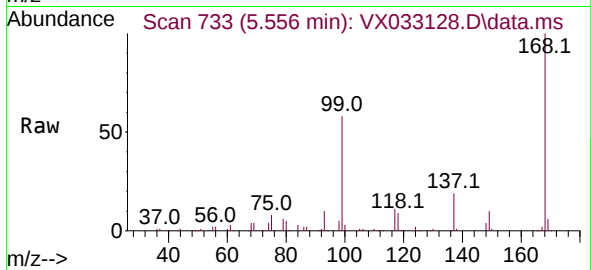
Tgt Ion: 43 Resp: 18846
Ion Ratio Lower Upper
43 100
61 13.5 11.5 17.3
70 10.1 9.1 13.7



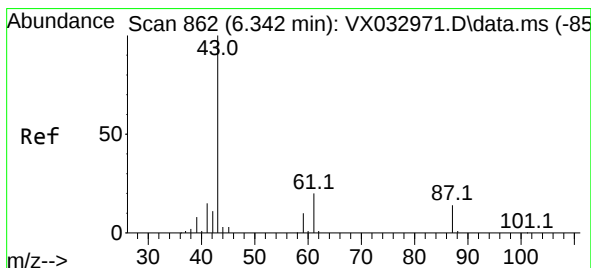
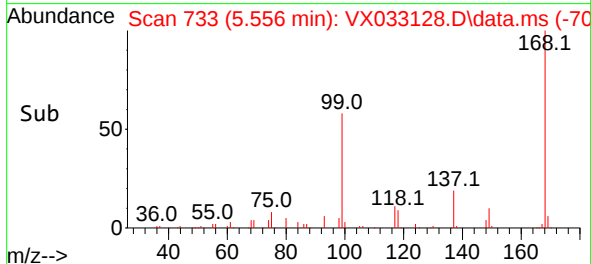
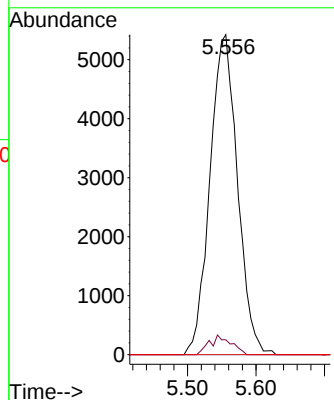


#38
Carbon Tetrachloride
Concen: 6.357 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX033128.D
Acq: 30 Nov 2022 13:46

Instrument :
MSVOA_X
ClientSampleId :
SB-1-STOCK

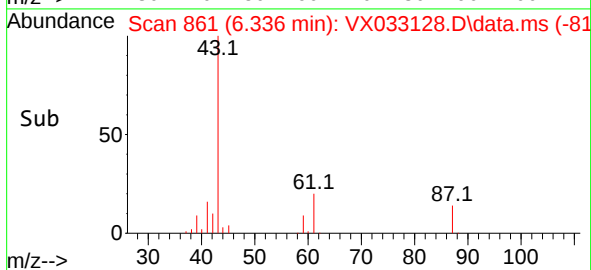
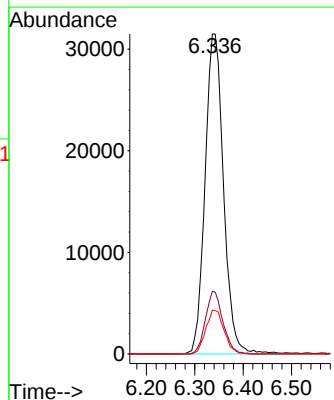
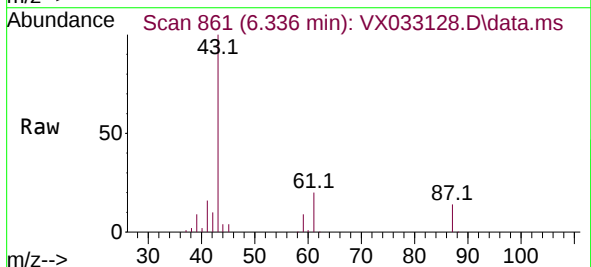


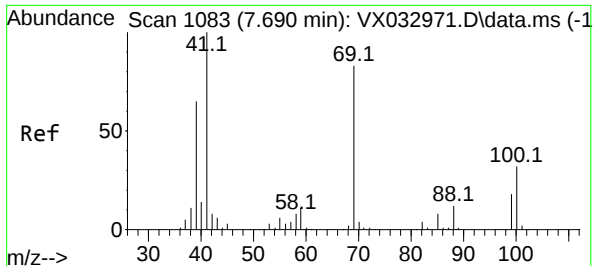
Tgt Ion:117 Resp: 15141
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 26.997 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033128.D
Acq: 30 Nov 2022 13:46

Tgt Ion: 43 Resp: 83637
Ion Ratio Lower Upper
43 100
61 18.4 15.4 23.0
87 13.4 10.8 16.2





#48

Methyl methacrylate

Concen: 50.272 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.103 min

Lab File: VX033128.D

Acq: 30 Nov 2022 13:46

Instrument :

MSVOA_X

ClientSampleId :

SB-1-STOCK

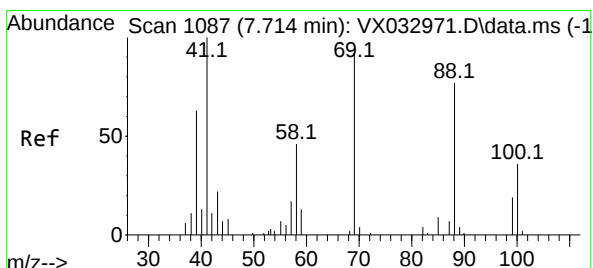
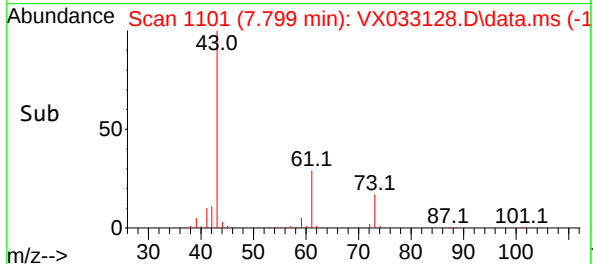
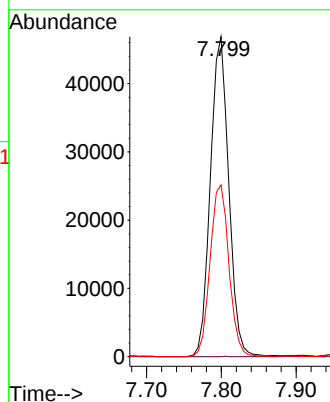
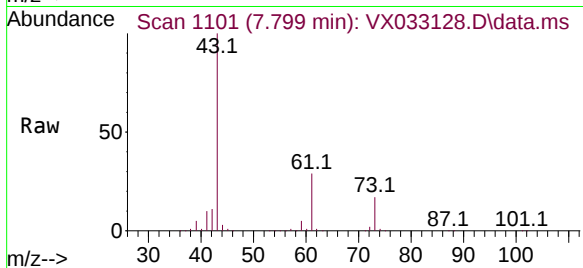
Tgt Ion: 41 Resp: 80167

Ion Ratio Lower Upper

41 100

69 0.0 65.1 97.7#

39 55.0 51.9 77.9



#49

1,4-Dioxane

Concen: 1.942 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.128 min

Lab File: VX033128.D

Acq: 30 Nov 2022 13:46

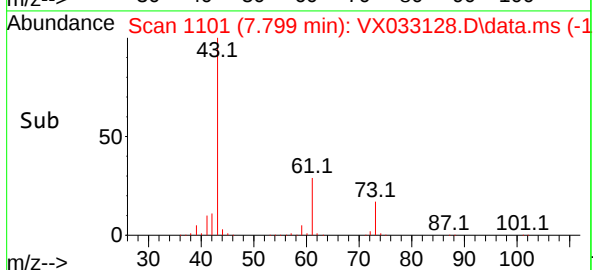
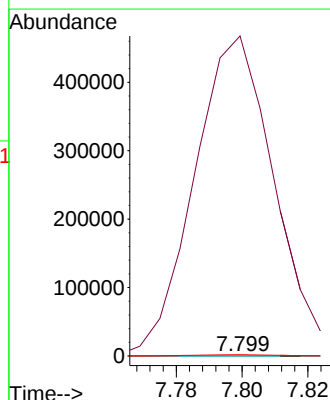
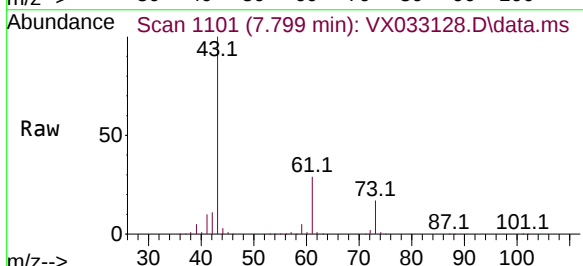
Tgt Ion: 88 Resp: 57

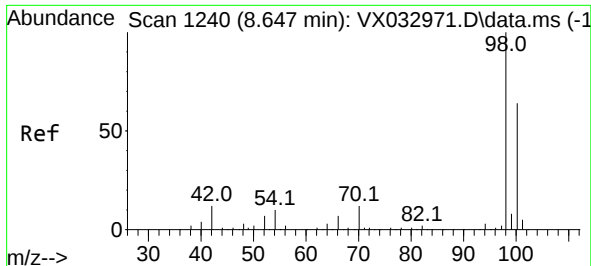
Ion Ratio Lower Upper

88 100

43 1396800.0 26.6 39.8#

58 5331.6 51.7 77.5#

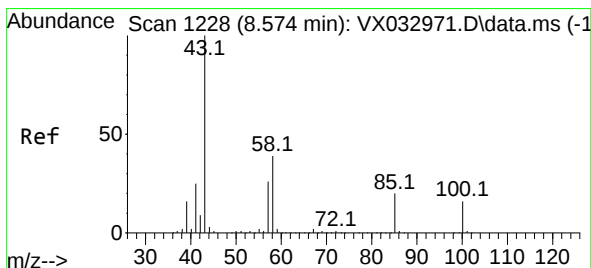
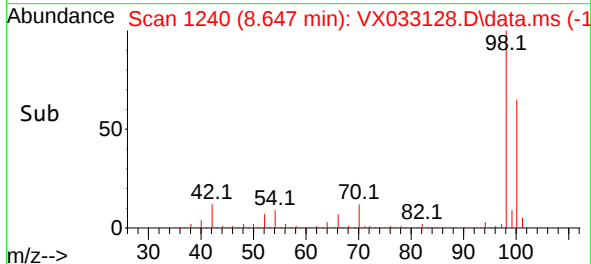
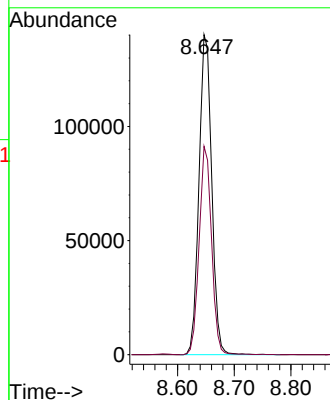
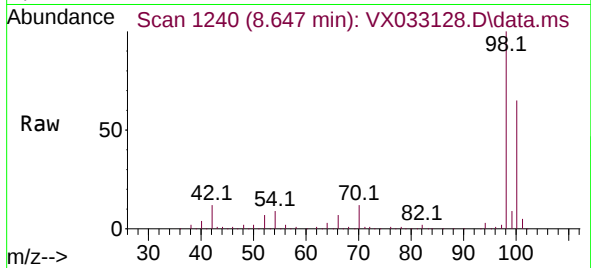




#50
Toluene-d8
Concen: 54.107 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033128.D
Acq: 30 Nov 2022 13:46

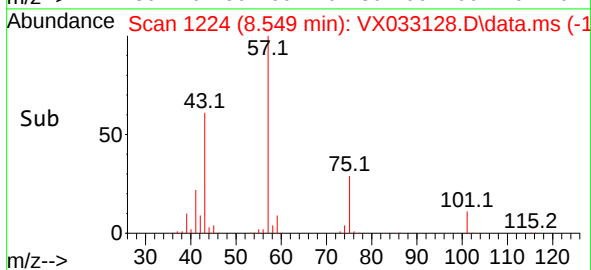
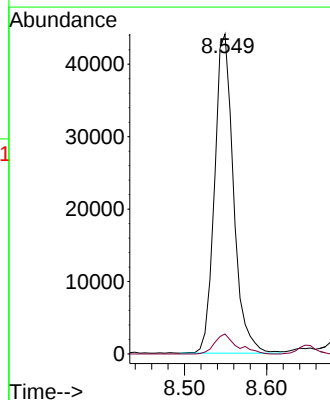
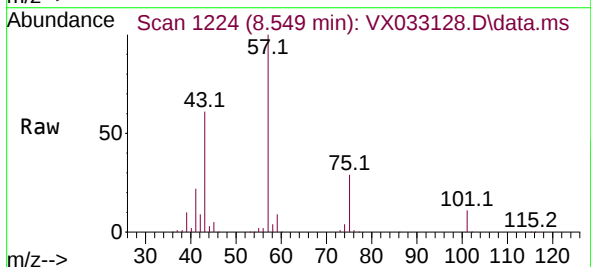
Instrument :
MSVOA_X
ClientSampleId :
SB-1-STOCK

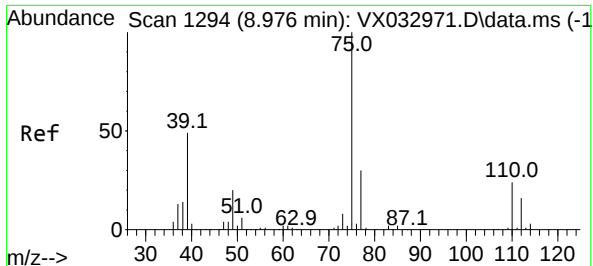
Tgt Ion: 98 Resp: 217895
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 36.847 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX033128.D
Acq: 30 Nov 2022 13:46

Tgt Ion: 43 Resp: 70440
Ion Ratio Lower Upper
43 100
58 7.3 30.9 46.3#





#53

t-1,3-Dichloropropene

Concen: 1.744 ug/l

RT: 8.952 min Scan# 11

Delta R.T. -0.030 min

Lab File: VX033128.D

Acq: 30 Nov 2022 13:46

Instrument :

MSVOA_X

ClientSampleId :

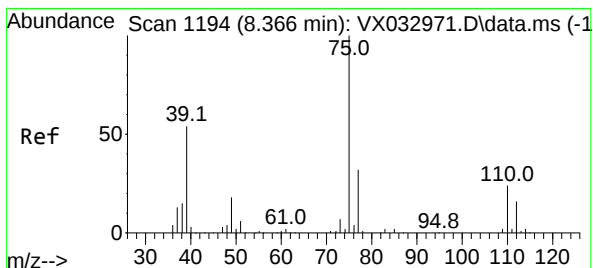
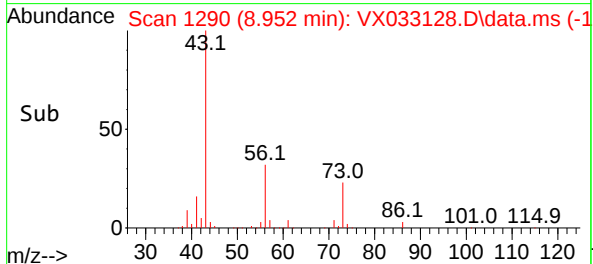
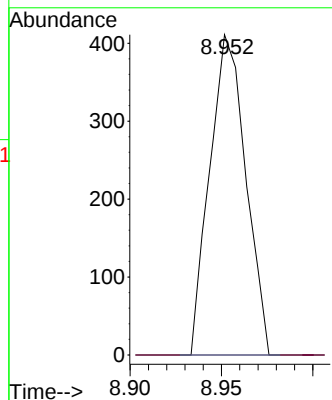
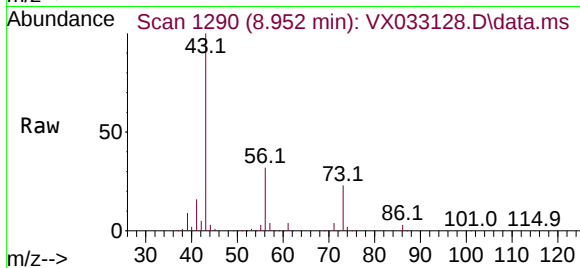
SB-1-STOCK

Tgt Ion: 75 Resp: 564

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 12.897 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX033128.D

Acq: 30 Nov 2022 13:46

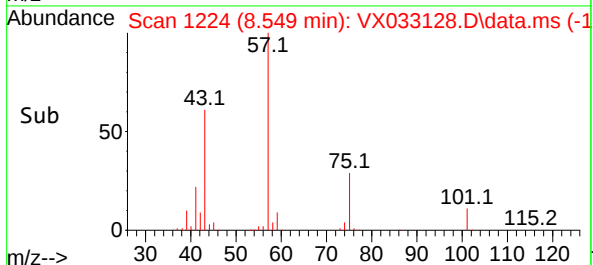
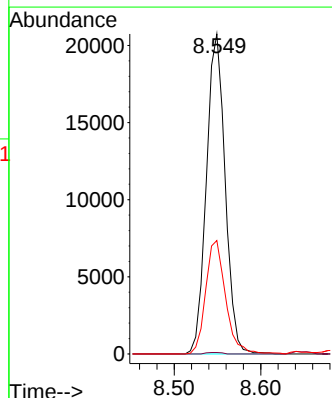
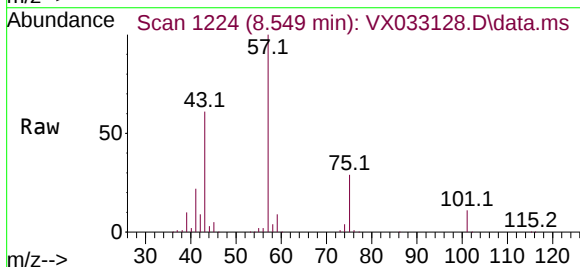
Tgt Ion: 75 Resp: 31188

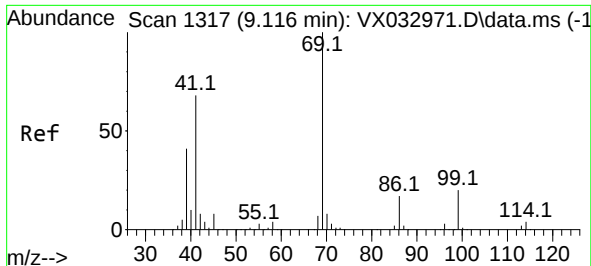
Ion Ratio Lower Upper

75 100

77 0.4 25.1 37.7#

39 35.5 45.5 68.3#

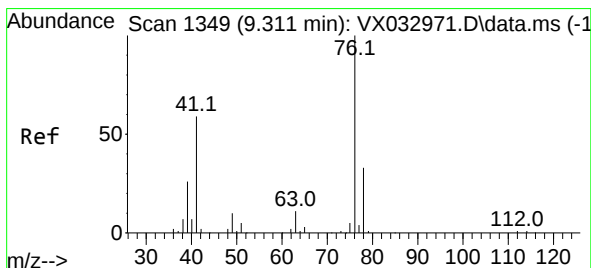
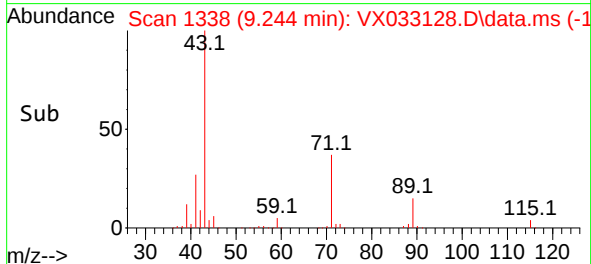
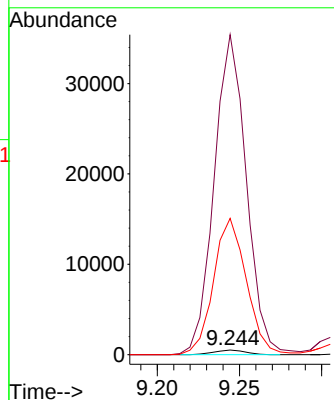
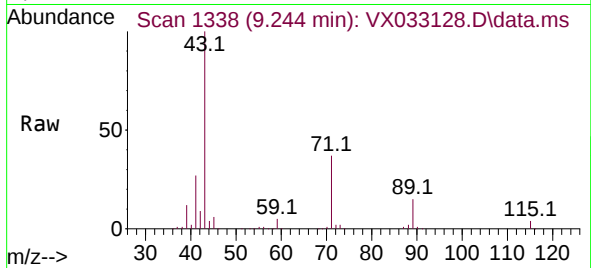




#56
Ethyl methacrylate
Concen: 0.306 ug/l
RT: 9.244 min Scan# 11
Delta R.T. 0.128 min
Lab File: VX033128.D
Acq: 30 Nov 2022 13:46

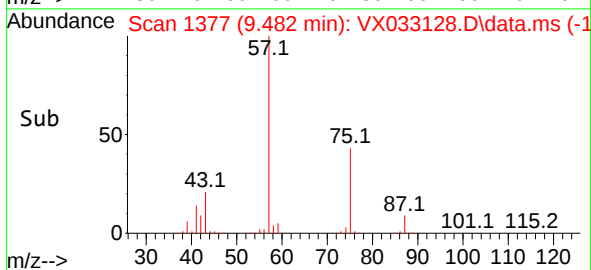
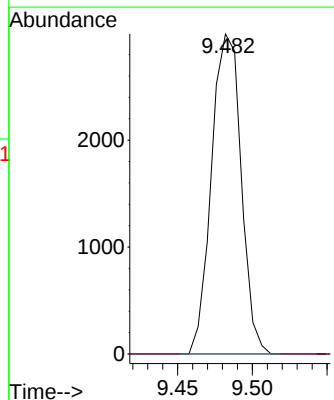
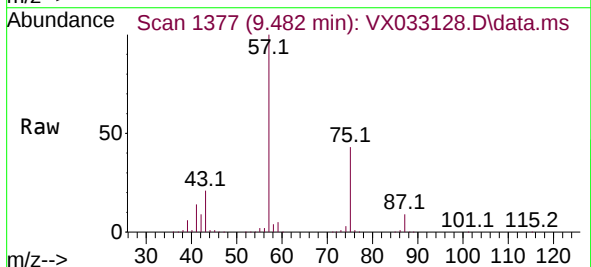
Instrument :
MSVOA_X
ClientSampleId :
SB-1-STOCK

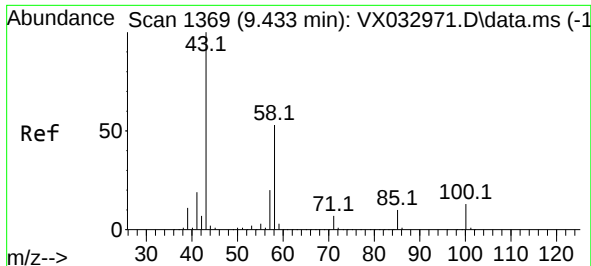
Tgt Ion: 69 Resp: 680
Ion Ratio Lower Upper
69 100
41 7116.6 54.3 81.5#
39 3097.9 35.2 52.8#



#57
1,3-Dichloropropane
Concen: 1.584 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX033128.D
Acq: 30 Nov 2022 13:46

Tgt Ion: 76 Resp: 4123
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#





#59

2-Hexanone

Concen: 40.786 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX033128.D

Acq: 30 Nov 2022 13:46

Instrument :

MSVOA_X

ClientSampleId :

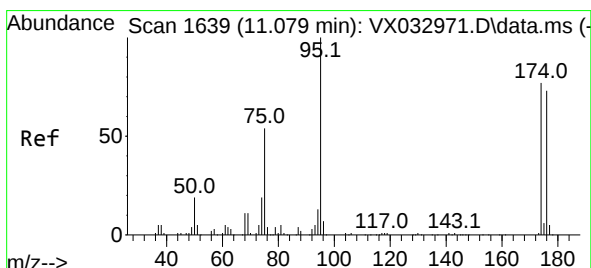
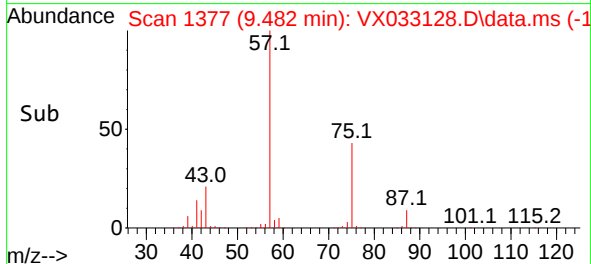
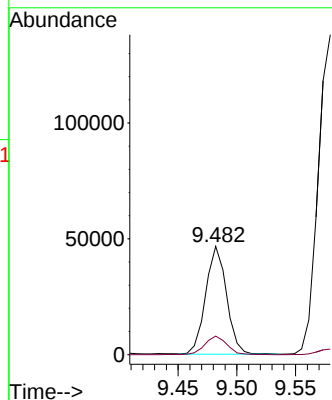
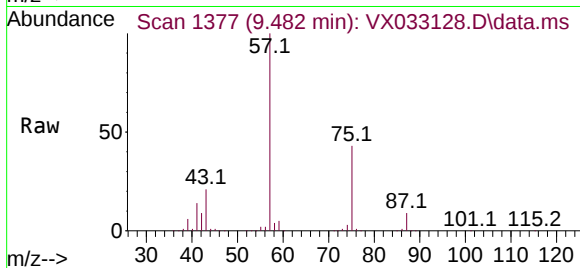
SB-1-STOCK

Tgt Ion: 43 Resp: 57597

Ion Ratio Lower Upper

43 100

58 18.4 26.5 79.5#



#62

4-Bromofluorobenzene

Concen: 48.277 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033128.D

Acq: 30 Nov 2022 13:46

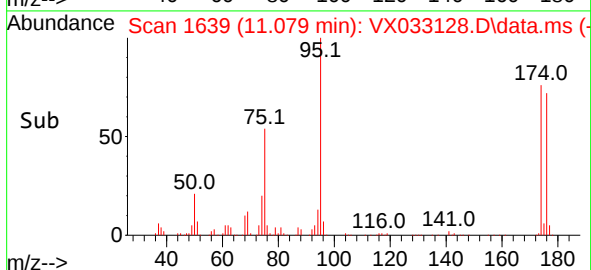
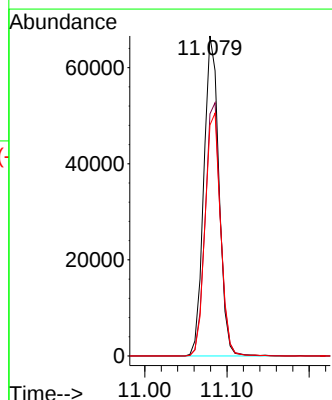
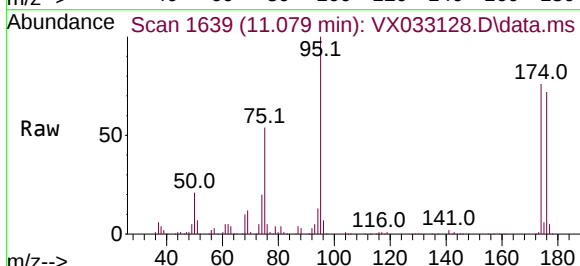
Tgt Ion: 95 Resp: 85159

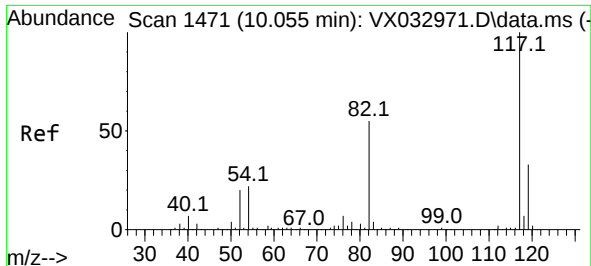
Ion Ratio Lower Upper

95 100

174 79.6 0.0 164.0

176 77.7 0.0 154.4

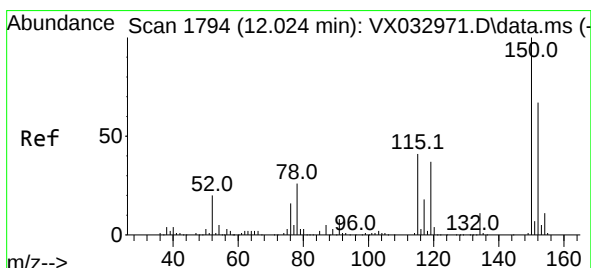
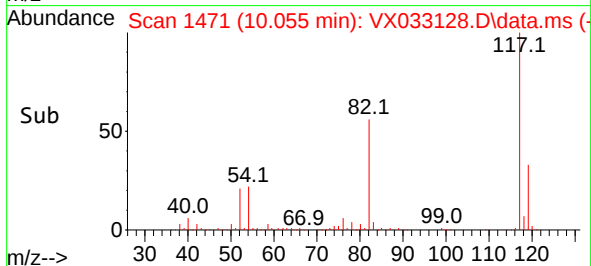
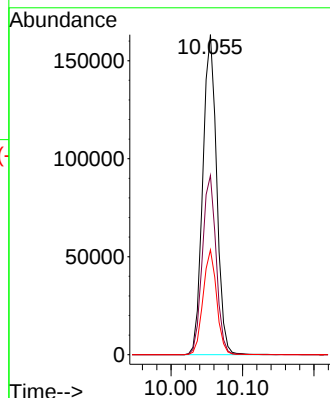
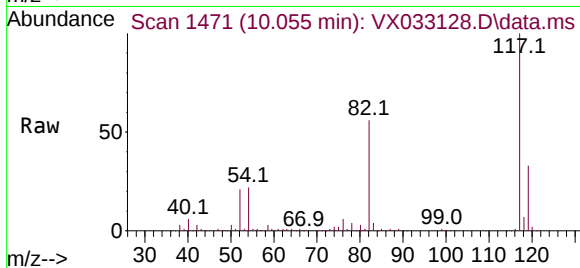




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033128.D
Acq: 30 Nov 2022 13:46

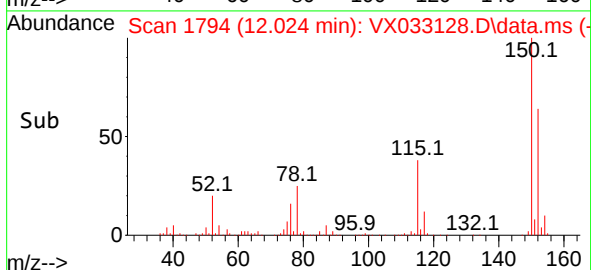
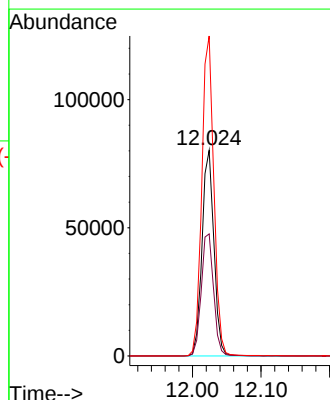
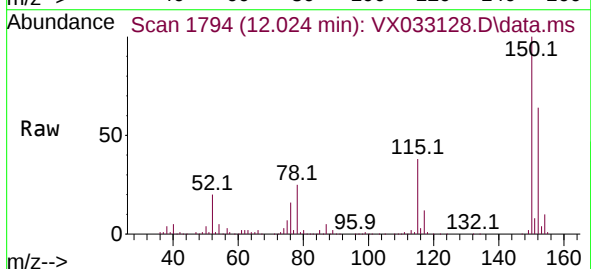
Instrument :
MSVOA_X
ClientSampleId :
SB-1-STOCK

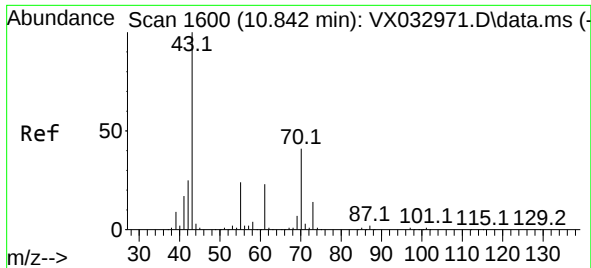
Tgt Ion:117 Resp: 220279
Ion Ratio Lower Upper
117 100
82 56.0 44.3 66.5
119 32.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033128.D
Acq: 30 Nov 2022 13:46

Tgt Ion:152 Resp: 97182
Ion Ratio Lower Upper
152 100
115 61.4 44.0 132.0
150 157.5 0.0 351.8

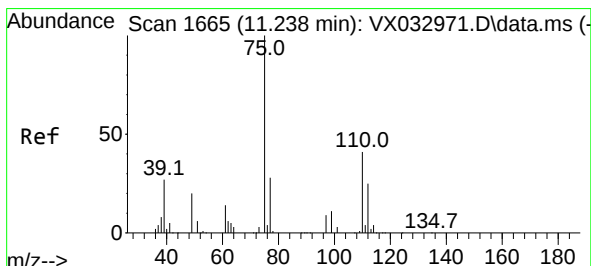
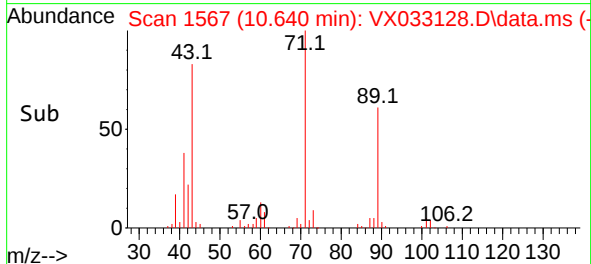
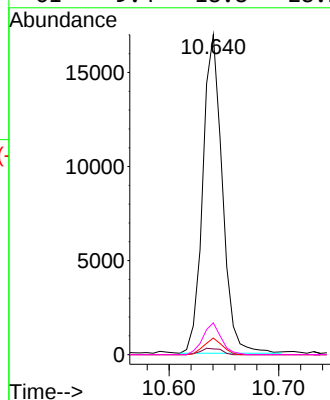
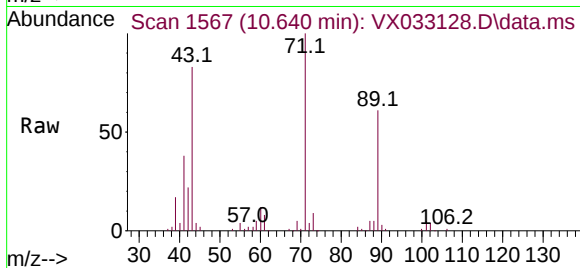




#74
N-amy1 acetate
Concen: 8.889 ug/l
RT: 10.640 min Scan# 1639
Delta R.T. -0.201 min
Lab File: VX033128.D
Acq: 30 Nov 2022 13:46

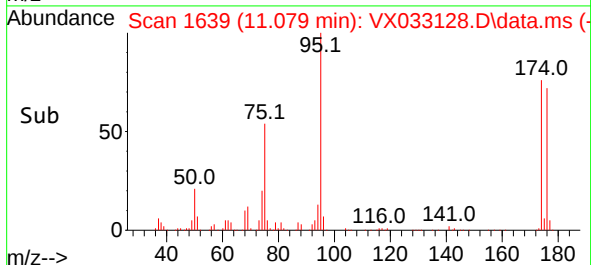
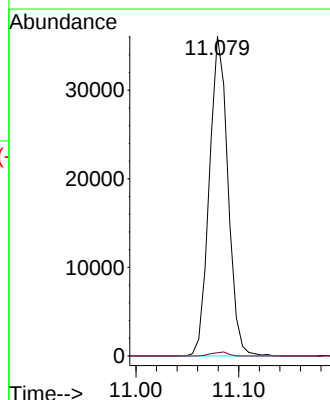
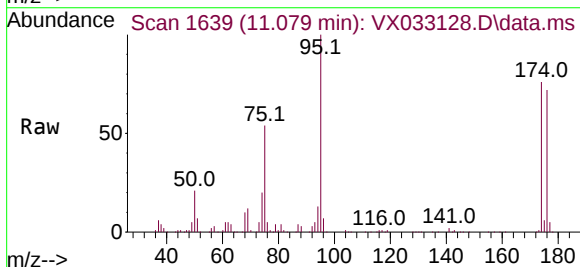
Instrument :
MSVOA_X
ClientSampleId :
SB-1-STOCK

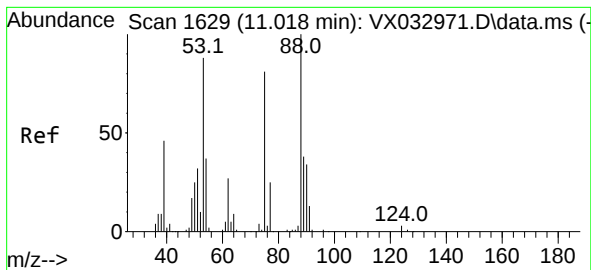
Tgt Ion: 43	Resp:	20999
Ion	Ratio	Lower Upper
43	100	
70	2.1	33.6 50.4#
55	4.9	19.4 29.2#
61	9.4	18.8 28.2#



#76
1,2,3-Trichloropropane
Concen: 24.727 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033128.D
Acq: 30 Nov 2022 13:46

Tgt Ion: 75	Resp:	45510
Ion	Ratio	Lower Upper
75	100	
77	1.1	20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.375 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033128.D
 Acq: 30 Nov 2022 13:46

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1-STOCK

Tgt Ion: 75 Resp: 45510
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

