

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022323\
 Data File : VX034250.D
 Acq On : 23 Feb 2023 15:51
 Operator : JC/MD
 Sample : 01650-01ME
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-2-022223

Quant Time: Feb 23 21:46:22 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	5.544	168	249978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	412951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	183049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	143920	42.749	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.500%		
35) Dibromofluoromethane	5.385	113	124955	46.474	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.940%		
50) Toluene-d8	8.647	98	488809	50.636	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.280%		
62) 4-Bromofluorobenzene	11.085	95	177649	48.111	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.220%		
Target Compounds						Qvalue
3) Chloromethane	1.307	50	402	0.129	ug/l #	43
4) Vinyl Chloride	1.599	62	70	0.025	ug/l #	49
5) Bromomethane	1.593	94	538	Below Cal	#	50
6) Chloroethane	1.697	64	191	0.134	ug/l	93
7) Trichlorofluoromethane	2.014	101	30	0.008	ug/l #	19
8) Diethyl Ether	2.221	74	22	0.014	ug/l #	1
10) Methyl Iodide	2.428	142	370	0.113	ug/l #	52
11) Tert butyl alcohol	2.947	59	6545	8.692	ug/l #	97
12) 1,1-Dichloroethene	2.306	96	71	0.026	ug/l #	5
13) Acrolein	2.215	56	95	0.276	ug/l #	14
14) Allyl chloride	2.666	41	80	0.014	ug/l #	22
15) Acrylonitrile	3.020	53	18	0.011	ug/l #	63
16) Acetone	2.367	43	113	0.065	ug/l #	47
17) Carbon Disulfide	2.483	76	987	0.127	ug/l	96
18) Methyl Acetate	2.678	43	80	0.015	ug/l #	53
19) Methyl tert-butyl Ether	2.947	73	372	0.039	ug/l #	1
20) Methylene Chloride	2.788	84	1174	0.375	ug/l #	71
21) trans-1,2-Dichloroethene	3.087	96	90	0.032	ug/l #	28
22) Diisopropyl ether	3.709	45	71	0.007	ug/l #	24
23) Vinyl Acetate	3.715	43	138	0.017	ug/l #	72
25) 2-Butanone	4.550	43	83	0.033	ug/l #	51
26) 2,2-Dichloropropane	4.208	77	23	0.005	ug/l #	52
29) Tetrahydrofuran	4.946	42	88	0.057	ug/l #	34
31) Cyclohexane	5.544	56	4945	0.984	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18204	4.578	ug/l #	48
37) Ethyl Acetate	4.708	43	82	0.018	ug/l #	68
38) Carbon Tetrachloride	5.544	117	24015	5.869	ug/l #	15
40) Benzene	6.031	78	170	0.014	ug/l #	52
41) Methacrylonitrile	4.922	41	33	0.013	ug/l #	1
42) 1,2-Dichloroethane	6.098	62	261	0.063	ug/l #	73
43) Isopropyl Acetate	6.367	43	1223	0.156	ug/l #	61
45) 1,2-Dichloropropane	7.220	63	25	0.008	ug/l #	44
48) Methyl methacrylate	7.690	41	204	0.055	ug/l #	38
51) 4-Methyl-2-Pentanone	8.574	43	190	0.044	ug/l #	36
52) Toluene	8.726	92	139	0.019	ug/l #	73
54) cis-1,3-Dichloropropene	8.378	75	76	0.015	ug/l #	34

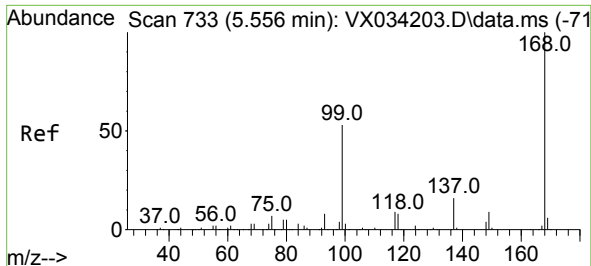
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022323\
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 Operator : JC/MD
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 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Quant Time: Feb 23 21:46:22 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)
56) Ethyl methacrylate	9.110	69	19	0.004	ug/l #	1
59) 2-Hexanone	9.421	43	200	0.061	ug/l #	24
65) Chlorobenzene	10.079	112	136	0.018	ug/l #	42
67) Ethyl Benzene	10.195	91	268	0.019	ug/l #	42
68) m/p-Xylenes	10.311	106	379	0.072	ug/l	89
69) o-Xylene	10.652	106	110	0.021	ug/l	40
70) Styrene	10.677	104	393	0.046	ug/l #	54
73) Isopropylbenzene	10.969	105	166	0.012	ug/l #	48
74) N-amyl acetate	10.854	43	114	0.016	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.213	83	20	0.004	ug/l #	26
76) 1,2,3-Trichloropropane	11.085	75	88311	19.173	ug/l #	34
78) n-propylbenzene	11.323	91	294	0.018	ug/l #	67
79) 2-Chlorotoluene	11.366	91	136	0.014	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	188	0.016	ug/l	65
81) trans-1,4-Dichloro-2-b...	11.085	75	88311	49.254	ug/l #	8
82) 4-Chlorotoluene	11.469	91	267	0.024	ug/l #	43
84) 1,2,4-Trimethylbenzene	11.762	105	298	0.025	ug/l #	63
85) sec-Butylbenzene	11.890	105	242	0.017	ug/l #	54
86) p-Isopropyltoluene	12.012	119	276	0.023	ug/l #	1
87) 1,3-Dichlorobenzene	11.975	146	275	0.044	ug/l #	51
88) 1,4-Dichlorobenzene	12.042	146	346	0.054	ug/l #	1
89) n-Butylbenzene	12.341	91	399	0.037	ug/l #	43
90) Hexachloroethane	12.555	117	20	0.008	ug/l #	4
91) 1,2-Dichlorobenzene	12.341	146	134	0.022	ug/l #	25
93) 1,2,4-Trichlorobenzene	13.603	180	168	0.042	ug/l #	69
94) Hexachlorobutadiene	13.725	225	86	0.052	ug/l #	18
95) Naphthalene	13.792	128	730	0.055	ug/l #	83
96) 1,2,3-Trichlorobenzene	13.969	180	204	0.052	ug/l	69

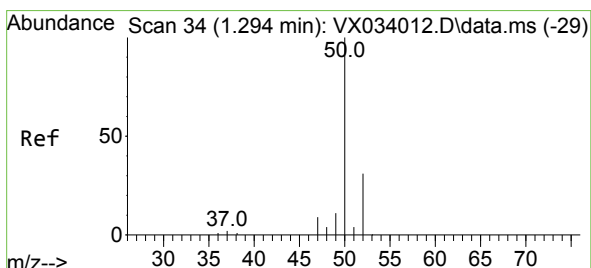
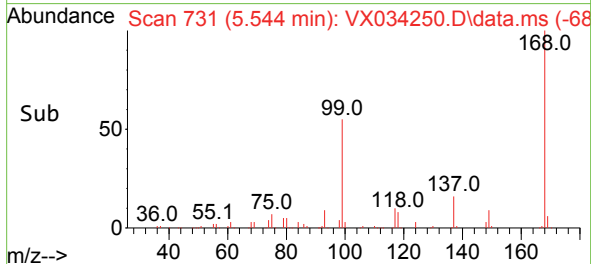
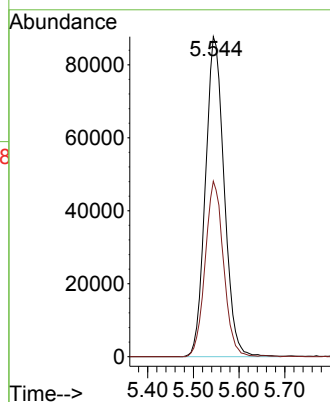
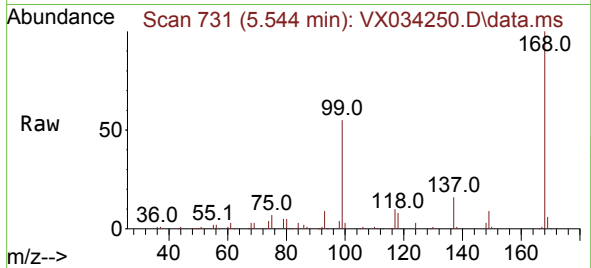
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034250.D
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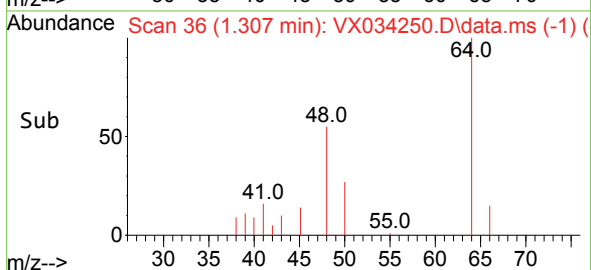
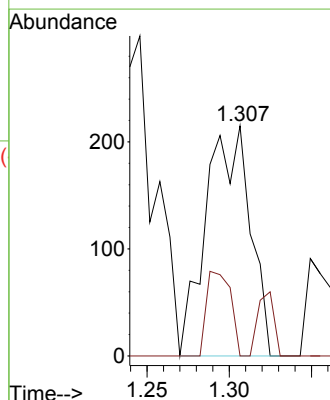
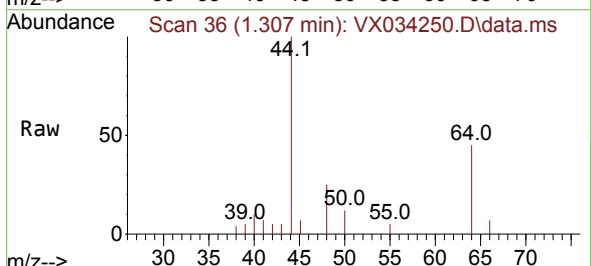
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

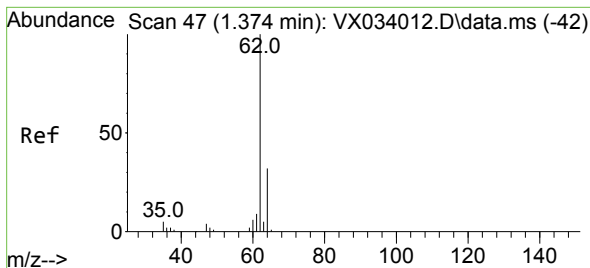
Tgt Ion:168 Resp: 249978
Ion Ratio Lower Upper
168 100
99 54.8 39.6 59.4



#3
Chloromethane
Concen: 0.129 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.012 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion: 50 Resp: 402
Ion Ratio Lower Upper
50 100
52 0.0 25.2 37.8#





#4

Vinyl Chloride

Concen: 0.025 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.226 min

Lab File: VX034250.D

Acq: 23 Feb 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

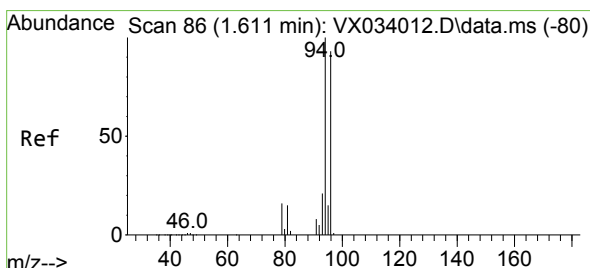
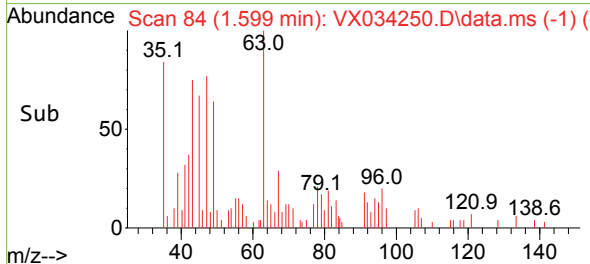
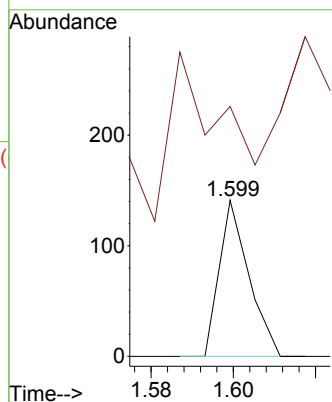
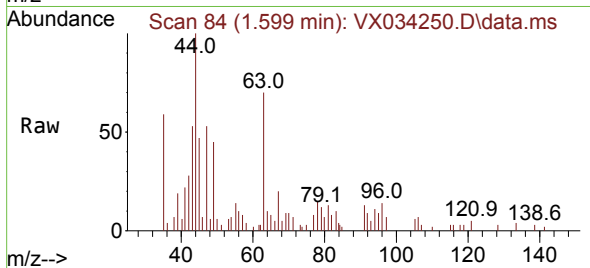
BU-2-022223

Tgt Ion: 62 Resp: 70

Ion Ratio Lower Upper

62 100

64 4.3 26.2 39.4#



#5

Bromomethane

Concen: Below Cal

RT: 1.593 min Scan# 83

Delta R.T. -0.006 min

Lab File: VX034250.D

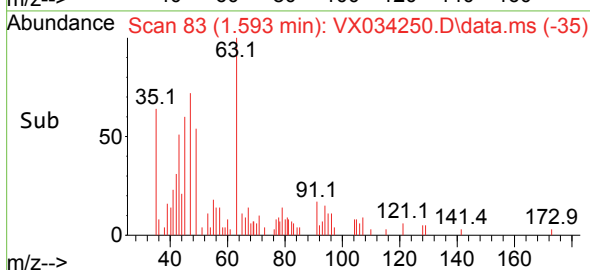
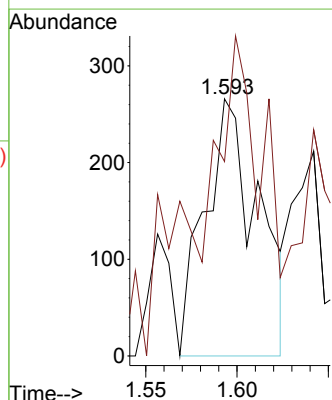
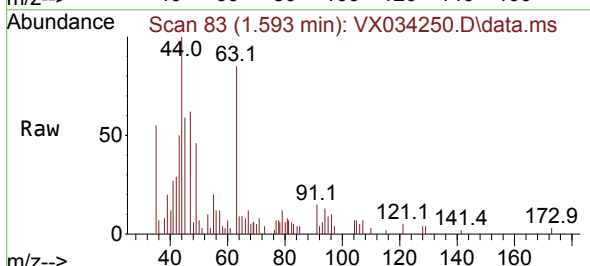
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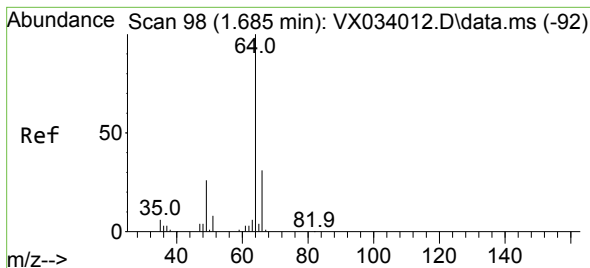
Tgt Ion: 94 Resp: 538

Ion Ratio Lower Upper

94 100

96 45.1 74.3 111.5#





#6

Chloroethane

Concen: 0.134 ug/l

RT: 1.697 min Scan# 100

Delta R.T. 0.012 min

Lab File: VX034250.D

Acq: 23 Feb 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

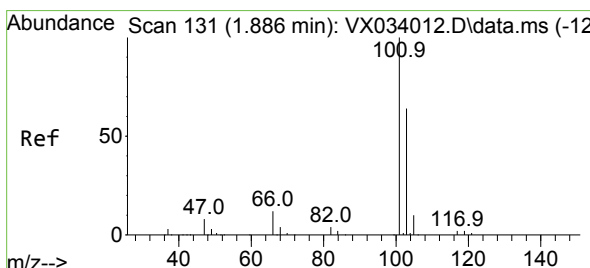
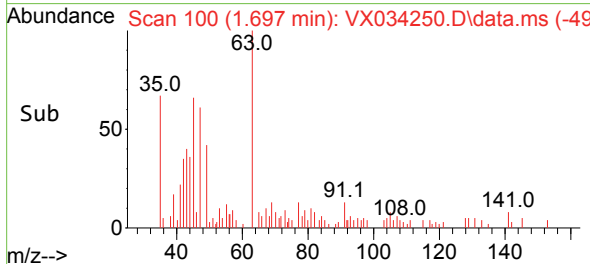
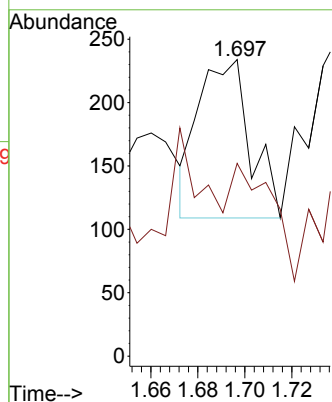
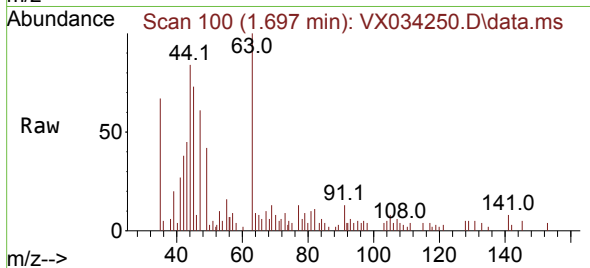
BU-2-022223

Tgt Ion: 64 Resp: 191

Ion Ratio Lower Upper

64 100

66 28.8 26.1 39.1



#7

Trichlorofluoromethane

Concen: 0.008 ug/l

RT: 2.014 min Scan# 152

Delta R.T. 0.128 min

Lab File: VX034250.D

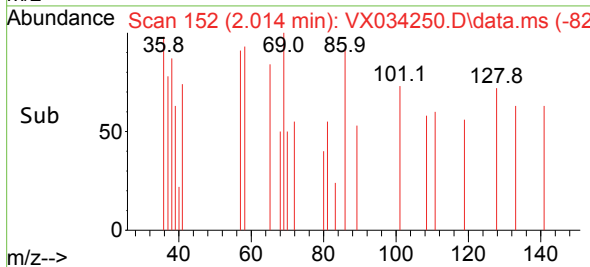
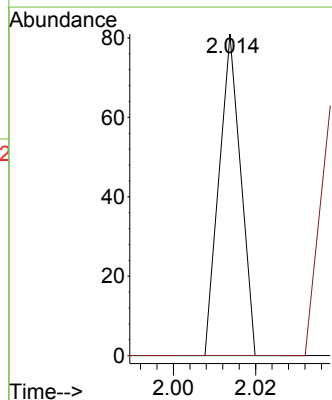
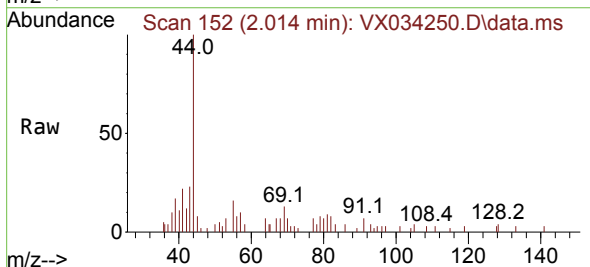
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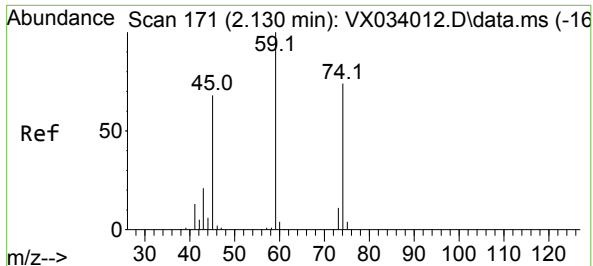
Tgt Ion: 101 Resp: 30

Ion Ratio Lower Upper

101 100

103 0.0 50.6 75.8#

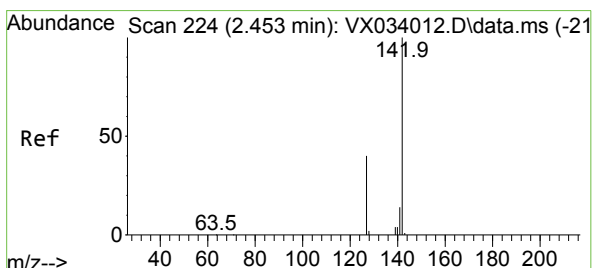
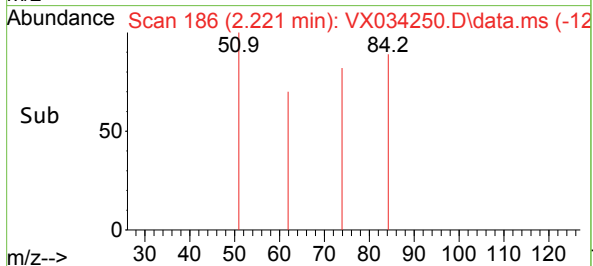
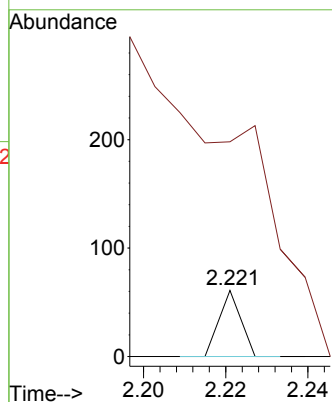
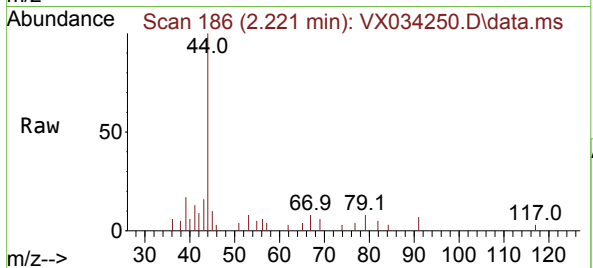




#8
Diethyl Ether
Concen: 0.014 ug/l
RT: 2.221 min Scan# 11
Delta R.T. 0.092 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

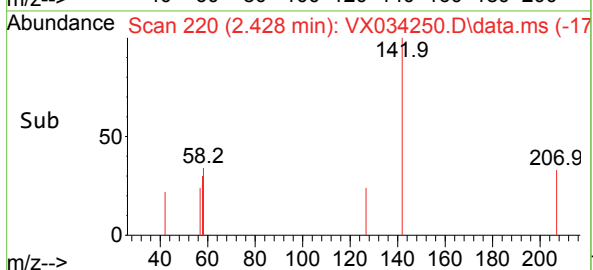
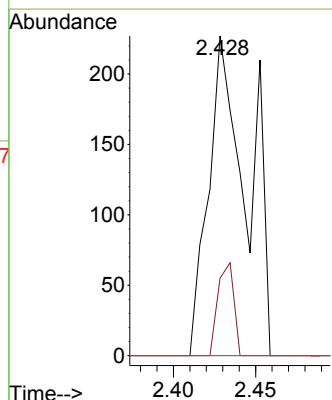
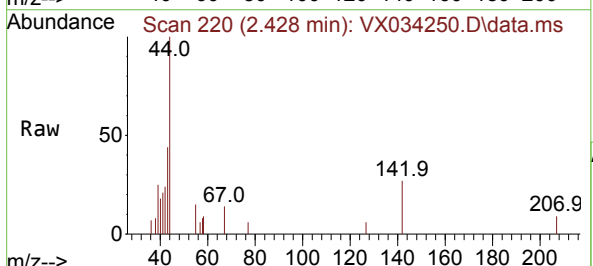
Instrument :
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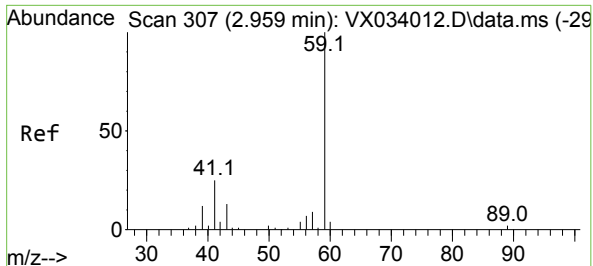
Tgt Ion: 74 Resp: 22
Ion Ratio Lower Upper
74 100
45 0.0 51.5 154.5#



#10
Methyl Iodide
Concen: 0.113 ug/l
RT: 2.428 min Scan# 220
Delta R.T. -0.024 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion: 142 Resp: 370
Ion Ratio Lower Upper
142 100
127 11.9 37.3 55.9#
141 0.0 11.5 17.3#





#11

Tert butyl alcohol

Concen: 8.692 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX034250.D

Acq: 23 Feb 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

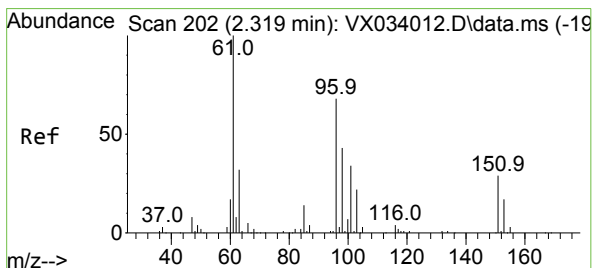
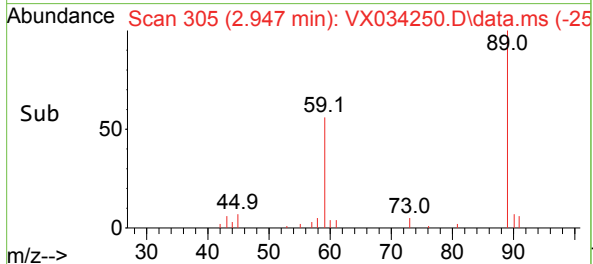
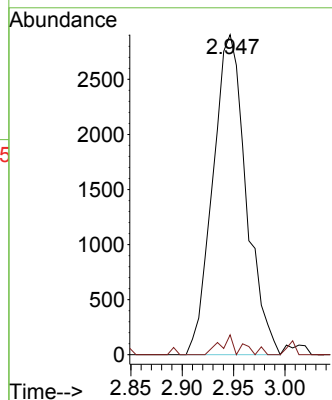
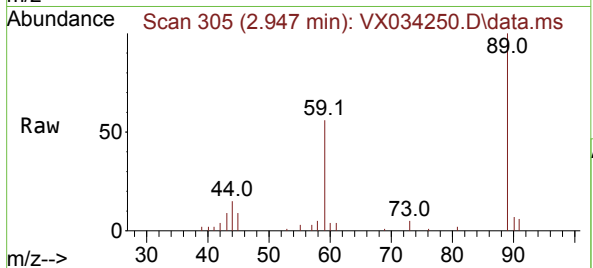
BU-2-022223

Tgt Ion: 59 Resp: 6545

Ion Ratio Lower Upper

59 100

57 3.6 3.7 5.5#



#12

1,1-Dichloroethene

Concen: 0.026 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.012 min

Lab File: VX034250.D

Acq: 23 Feb 2023 15:51

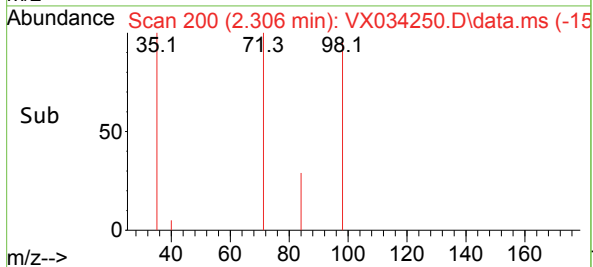
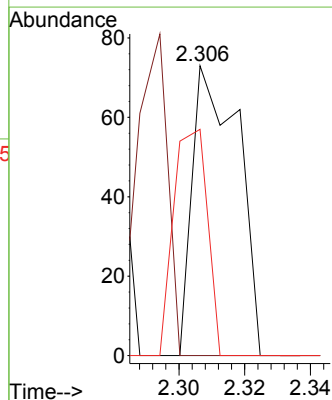
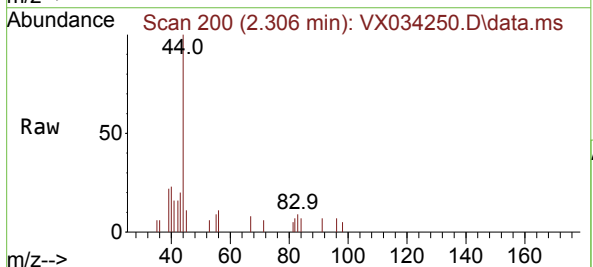
Tgt Ion: 96 Resp: 71

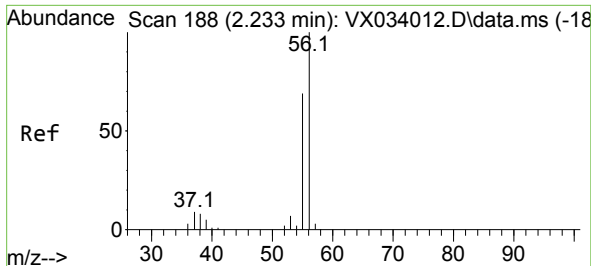
Ion Ratio Lower Upper

96 100

61 0.0 134.2 201.4#

98 78.1 50.2 75.2#

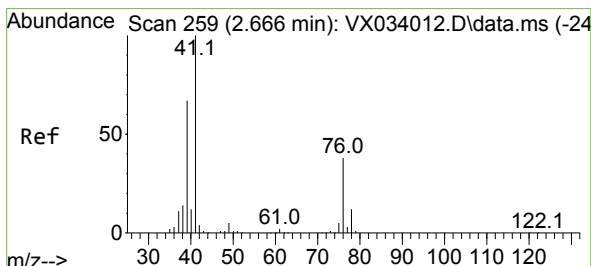
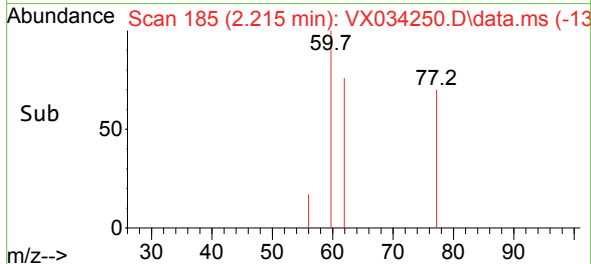
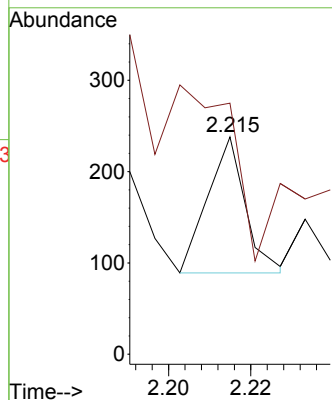
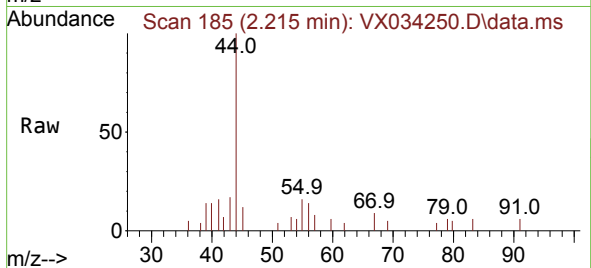




#13
Acrolein
Concen: 0.276 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.018 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

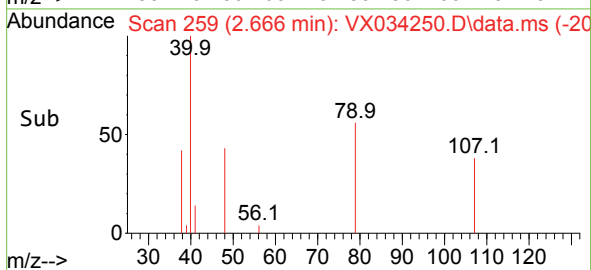
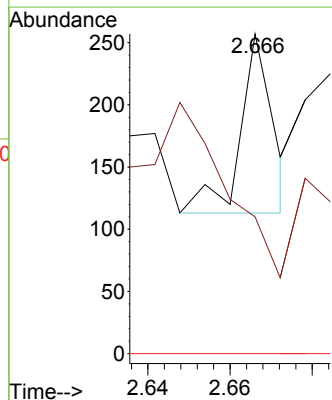
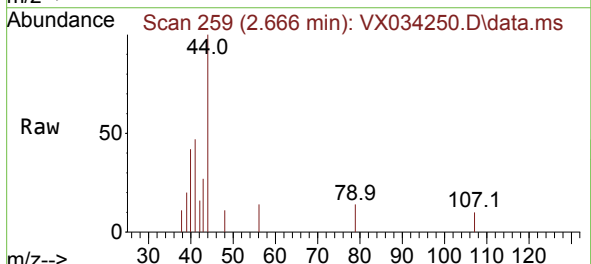
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

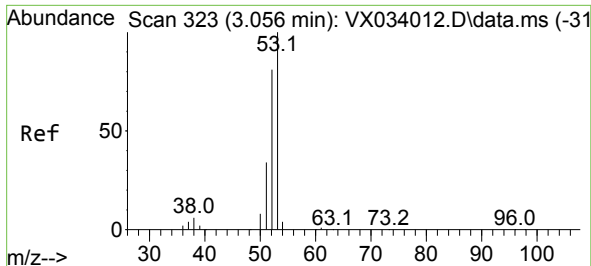
Tgt Ion: 56 Resp: 95
Ion Ratio Lower Upper
56 100
55 0.0 56.3 84.5#



#14
Allyl chloride
Concen: 0.014 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion: 41 Resp: 80
Ion Ratio Lower Upper
41 100
39 0.0 59.0 88.4#
76 0.0 24.6 37.0#

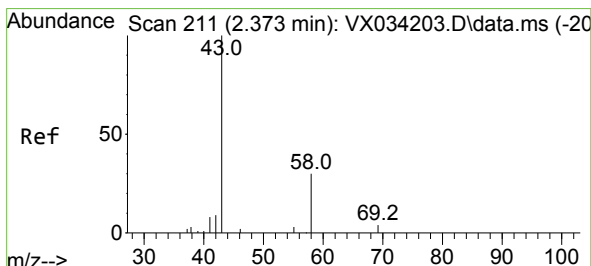
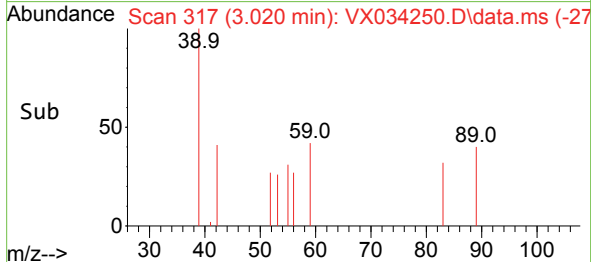
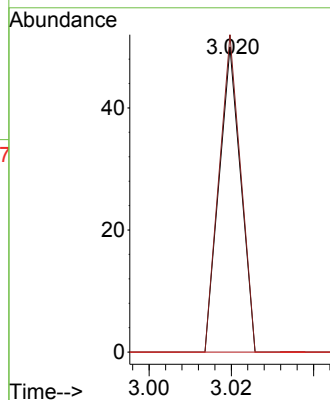
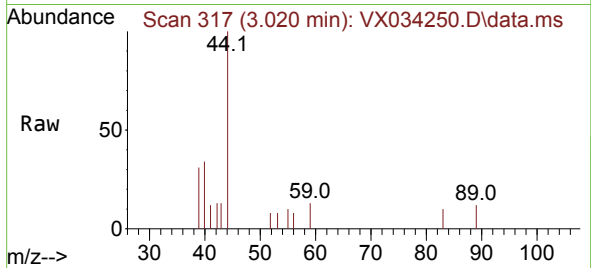




#15
Acrylonitrile
Concen: 0.011 ug/l
RT: 3.020 min Scan# 31
Delta R.T. -0.036 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

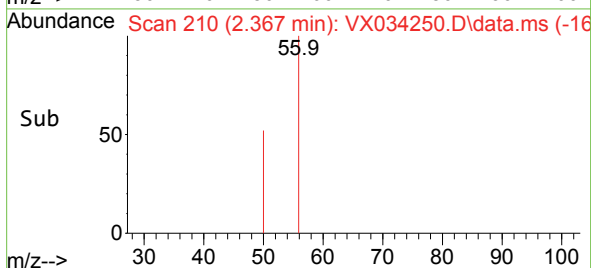
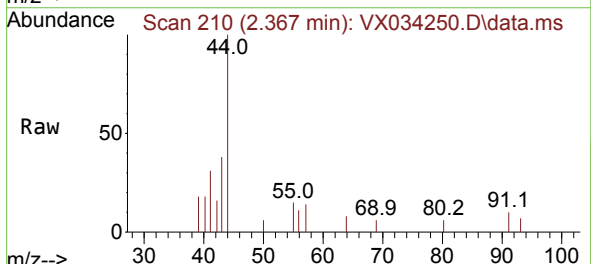
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

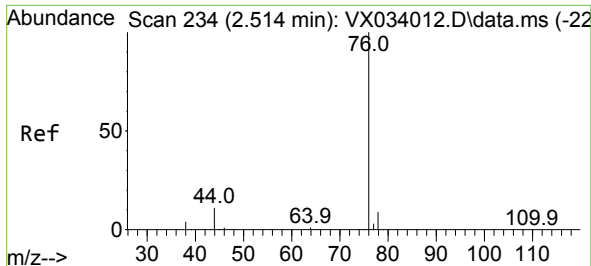
Tgt Ion: 53 Resp: 18
Ion Ratio Lower Upper
53 100
52 105.6 65.7 98.5#
51 0.0 29.0 43.4#



#16
Acetone
Concen: 0.065 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion: 43 Resp: 113
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#





#17

Carbon Disulfide

Concen: 0.127 ug/l

RT: 2.483 min Scan# 21

Delta R.T. -0.024 min

Lab File: VX034250.D

Acq: 23 Feb 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

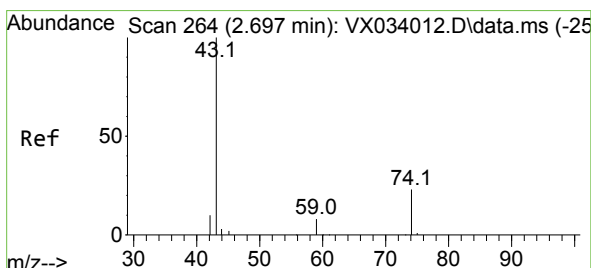
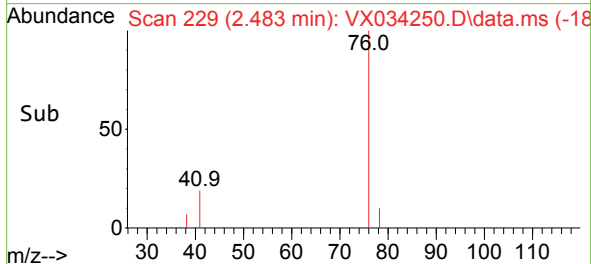
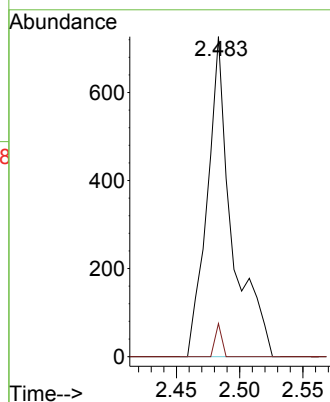
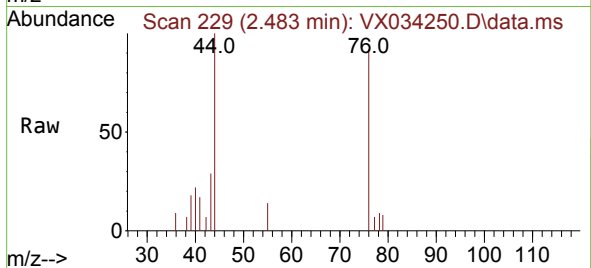
BU-2-022223

Tgt Ion: 76 Resp: 987

Ion Ratio Lower Upper

76 100

78 10.3 7.0 10.6



#18

Methyl Acetate

Concen: 0.015 ug/l

RT: 2.678 min Scan# 261

Delta R.T. -0.018 min

Lab File: VX034250.D

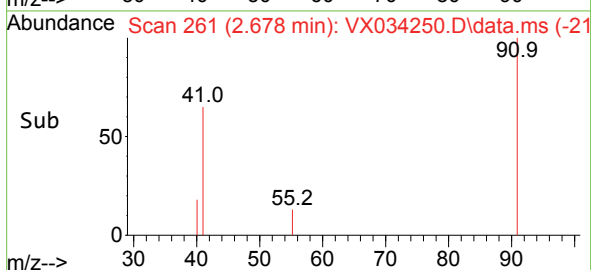
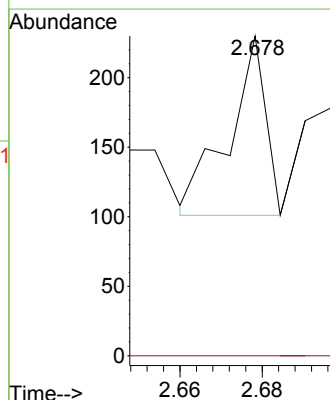
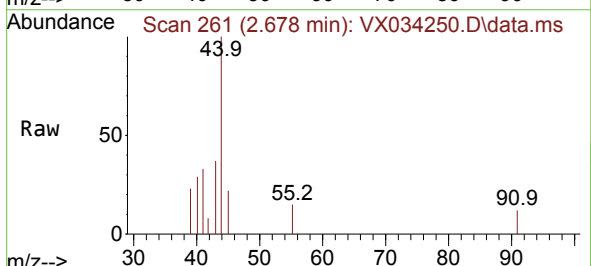
Acq: 23 Feb 2023 15:51

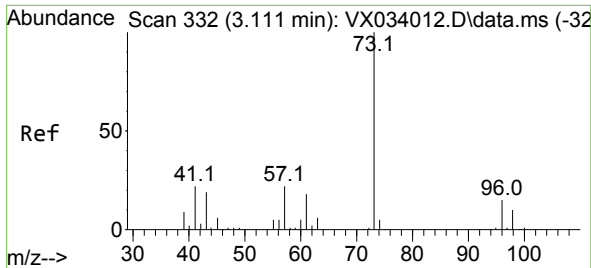
Tgt Ion: 43 Resp: 80

Ion Ratio Lower Upper

43 100

74 0.0 18.2 27.4#

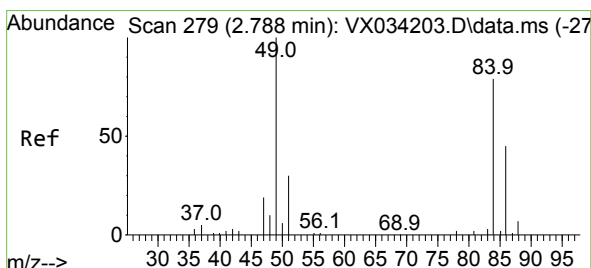
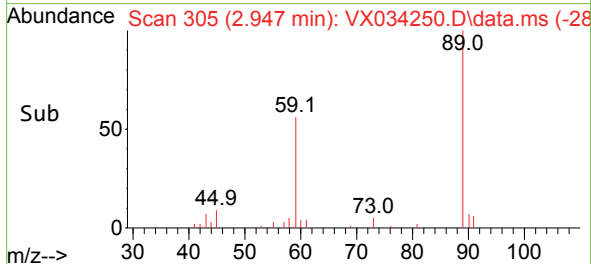
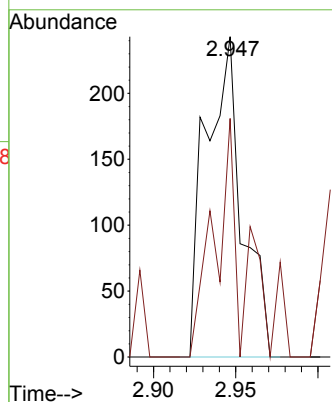
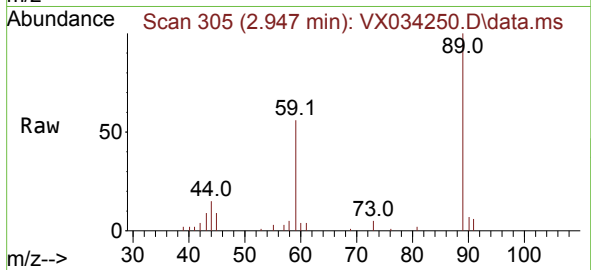




#19
Methyl tert-butyl Ether
Concen: 0.039 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.165 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

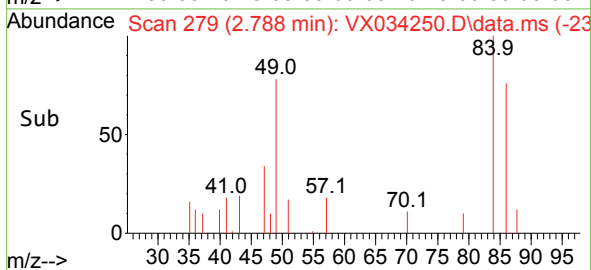
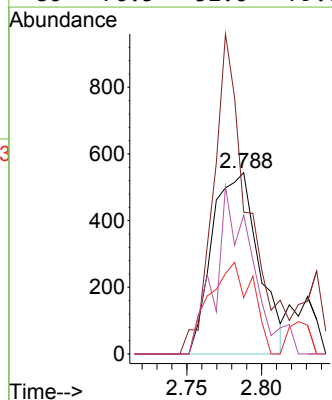
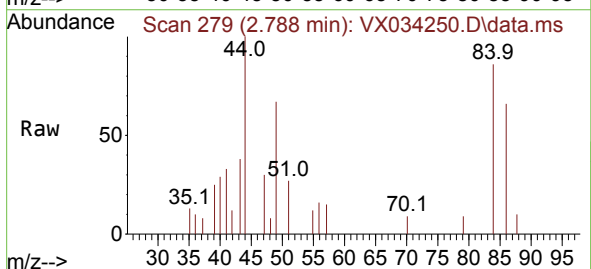
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

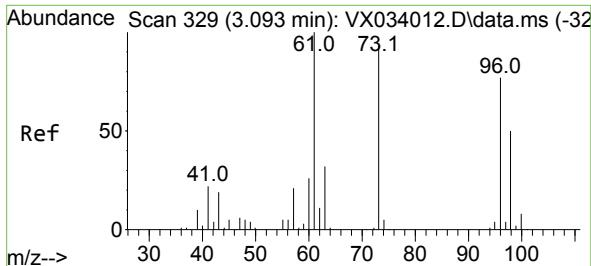
Tgt Ion: 73 Resp: 372
Ion Ratio Lower Upper
73 100
57 74.5 17.4 26.0#



#20
Methylene Chloride
Concen: 0.375 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion: 84 Resp: 1174
Ion Ratio Lower Upper
84 100
49 78.1 101.1 151.7#
51 31.1 31.0 46.6
86 76.5 52.6 79.0

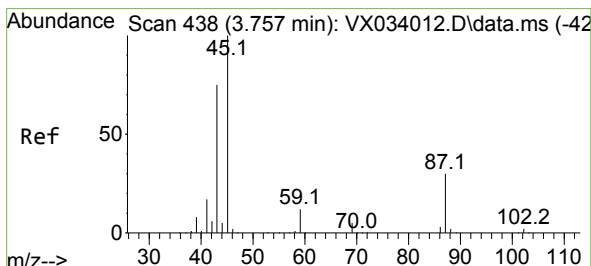
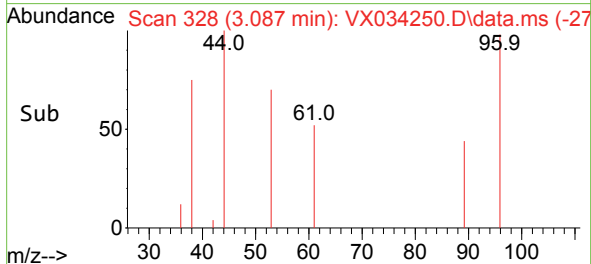
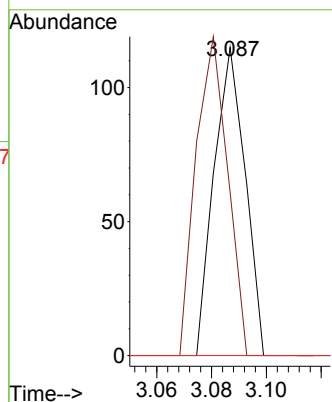
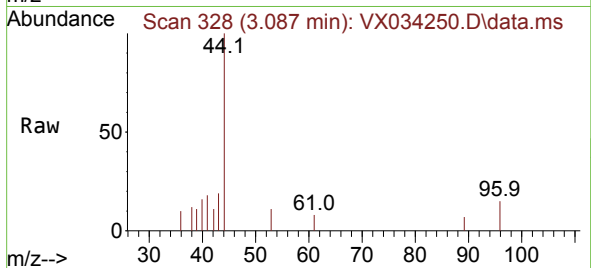




#21
trans-1,2-Dichloroethene
Concen: 0.032 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

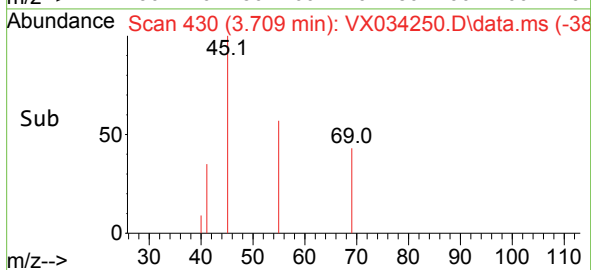
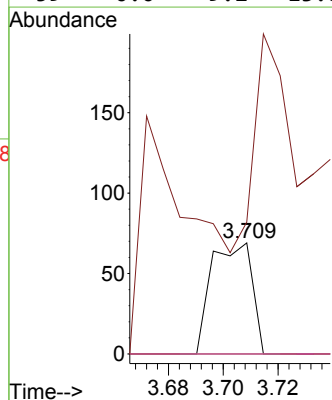
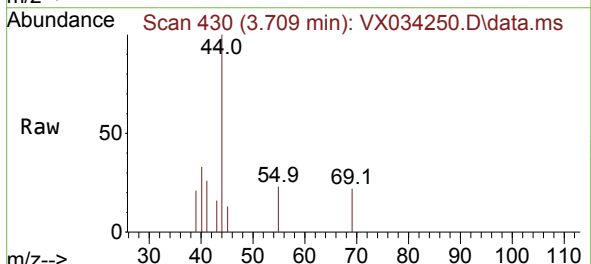
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

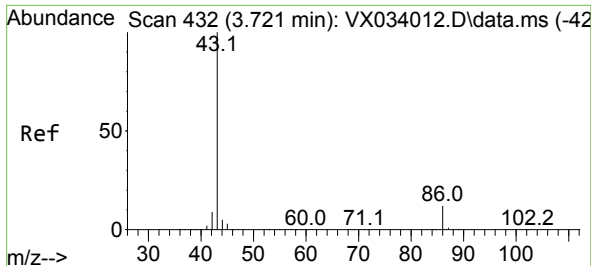
Tgt Ion: 96 Resp: 90
Ion Ratio Lower Upper
96 100
61 53.0 106.7 160.1#
98 0.0 50.0 75.0#



#22
Diisopropyl ether
Concen: 0.007 ug/l
RT: 3.709 min Scan# 430
Delta R.T. -0.049 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion: 45 Resp: 71
Ion Ratio Lower Upper
45 100
43 0.0 64.6 97.0#
87 0.0 21.9 32.9#
59 0.0 9.2 13.8#

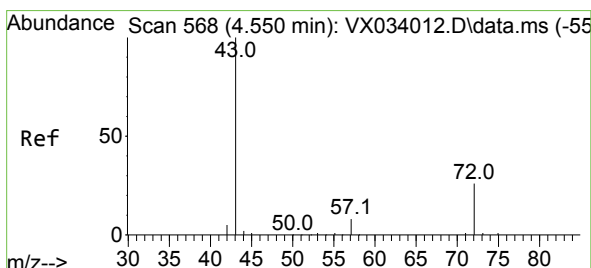
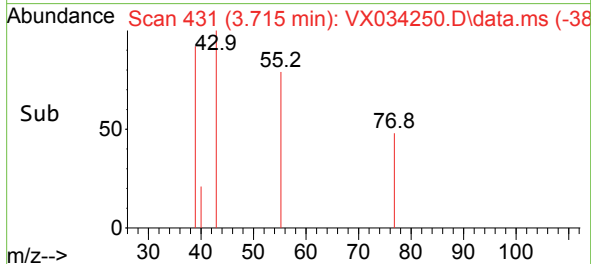
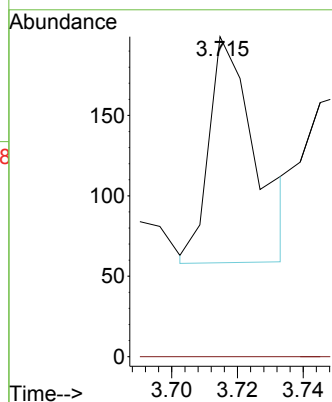
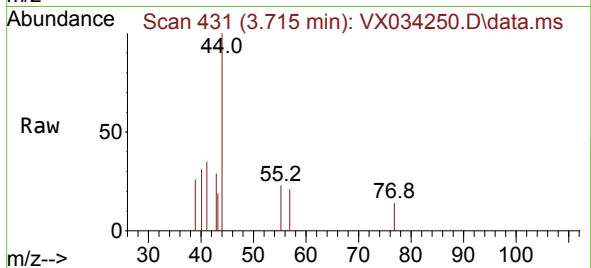




#23
 Vinyl Acetate
 Concen: 0.017 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX034250.D
 Acq: 23 Feb 2023 15:51

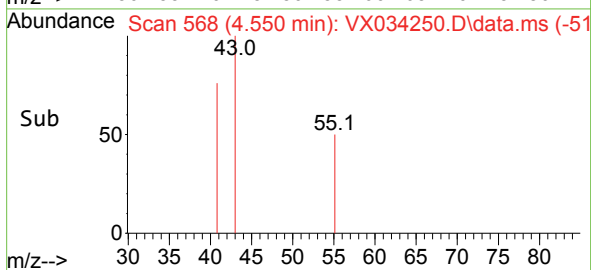
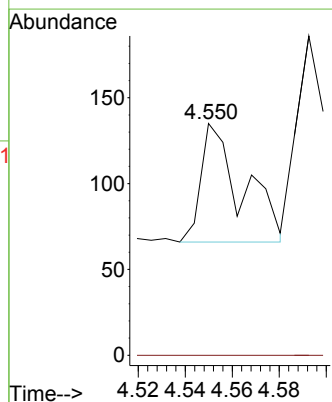
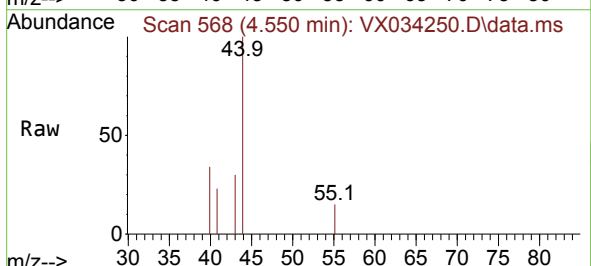
Instrument :
 MSVOA_X
 ClientSampleId :
 BU-2-022223

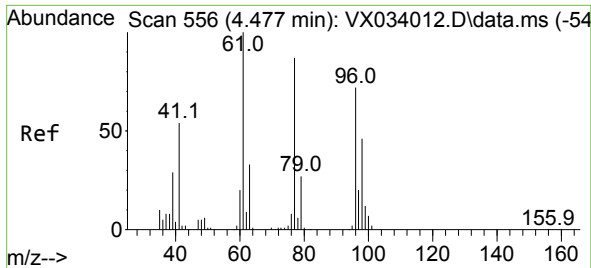
Tgt Ion: 43 Resp: 138
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.4 12.6#



#25
 2-Butanone
 Concen: 0.033 ug/l
 RT: 4.550 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: VX034250.D
 Acq: 23 Feb 2023 15:51

Tgt Ion: 43 Resp: 83
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.4 29.2#

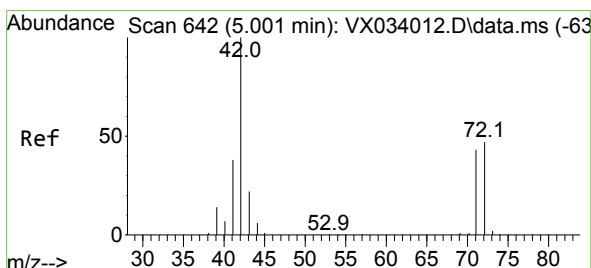
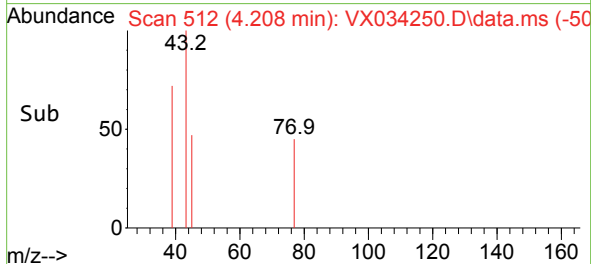
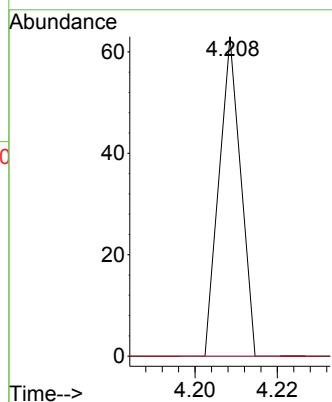
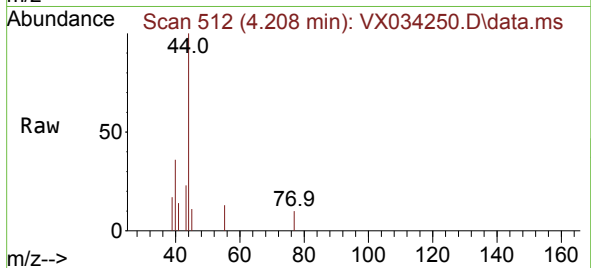




#26
2,2-Dichloropropane
Concen: 0.005 ug/l
RT: 4.208 min Scan# 51
Delta R.T. -0.262 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

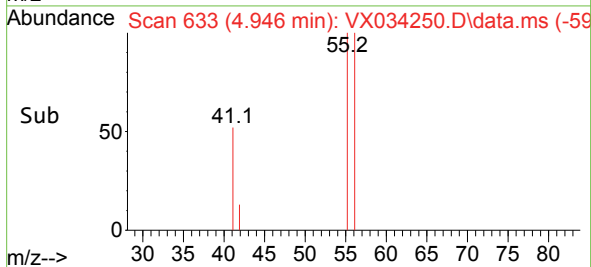
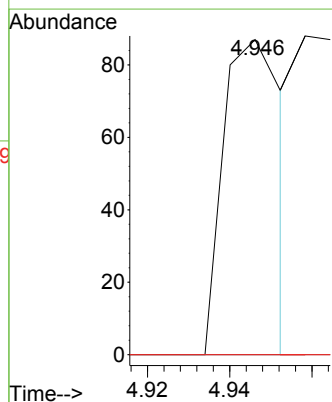
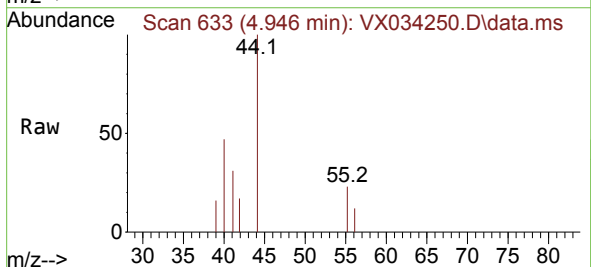
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

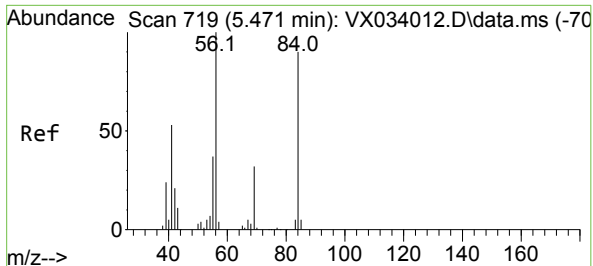
Tgt Ion: 77 Resp: 23
Ion Ratio Lower Upper
77 100
97 0.0 11.9 35.5#



#29
Tetrahydrofuran
Concen: 0.057 ug/l
RT: 4.946 min Scan# 633
Delta R.T. -0.049 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

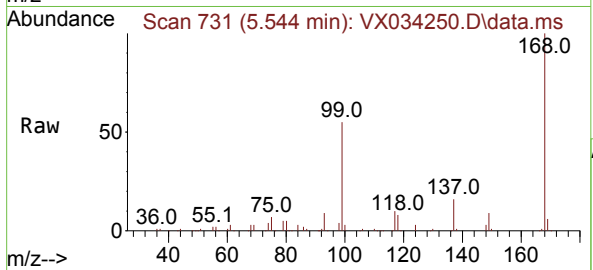
Tgt Ion: 42 Resp: 88
Ion Ratio Lower Upper
42 100
72 0.0 34.8 52.2#
71 0.0 32.2 48.2#



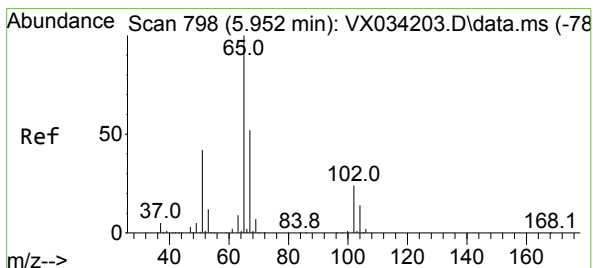
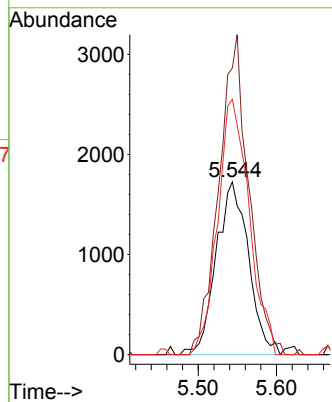
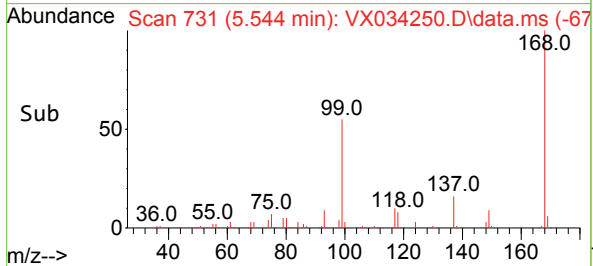


#31
Cyclohexane
Concen: 0.984 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

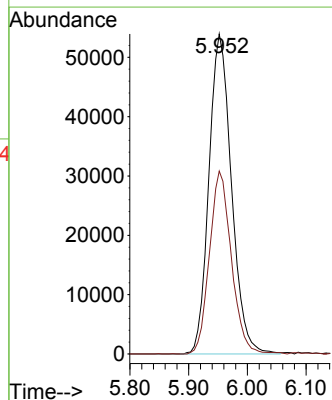
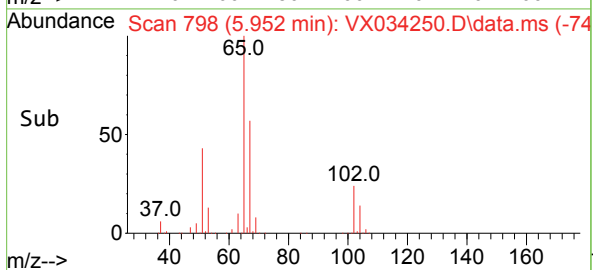
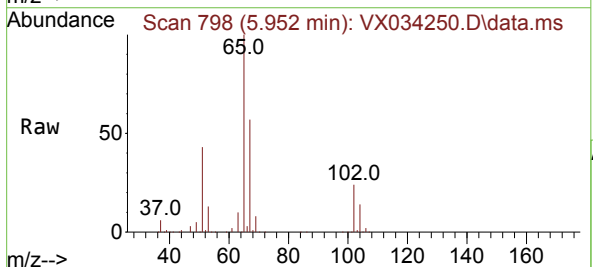


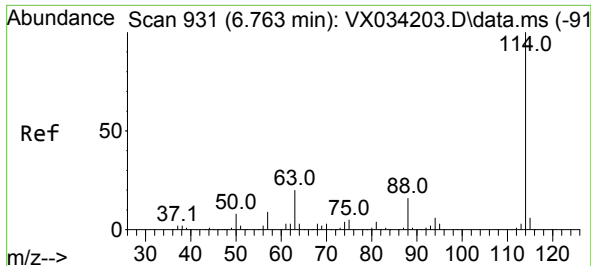
Tgt Ion: 56 Resp: 4945
Ion Ratio Lower Upper
56 100
69 165.9 24.6 37.0#
84 147.9 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 42.749 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion: 65 Resp: 143920
Ion Ratio Lower Upper
65 100
67 55.6 0.0 104.8

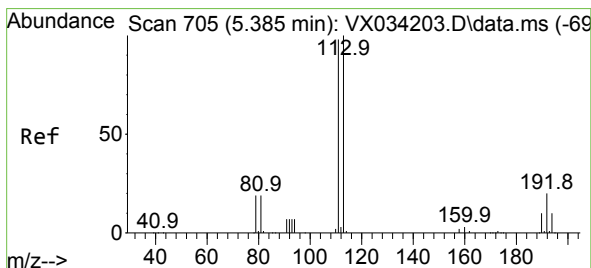
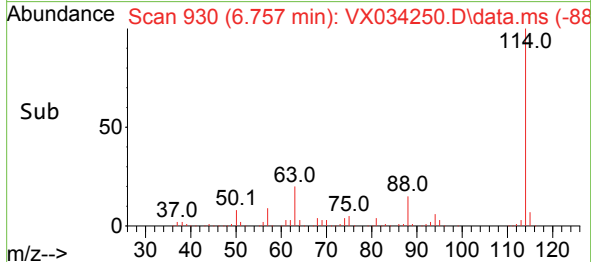
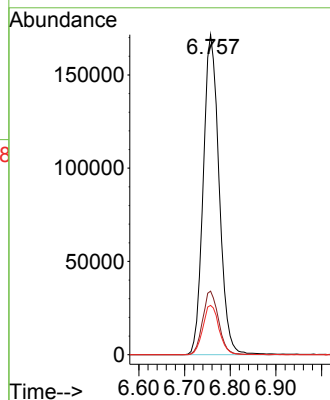
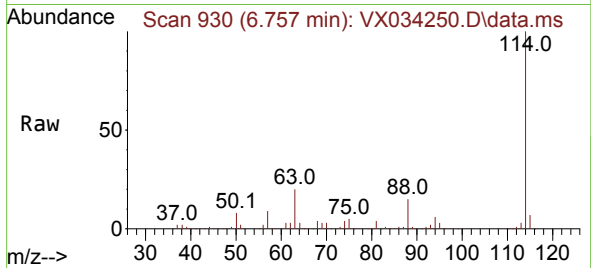




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

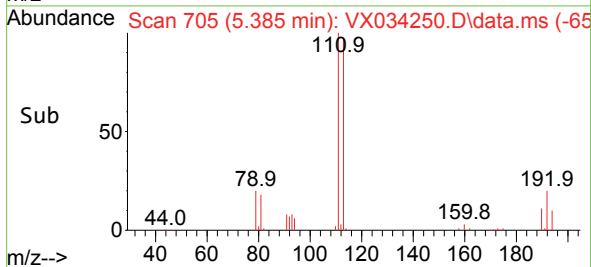
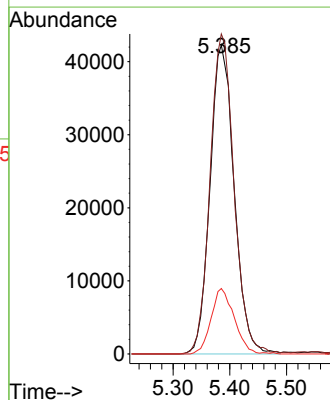
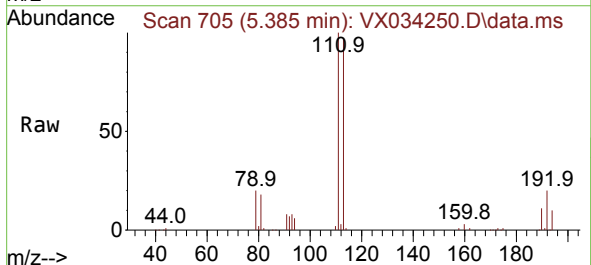
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

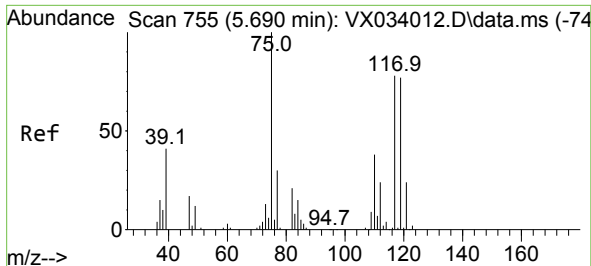
Tgt Ion:114 Resp: 412951
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.4
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.474 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion:113 Resp: 124955
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.6
192 20.4 19.0 28.4

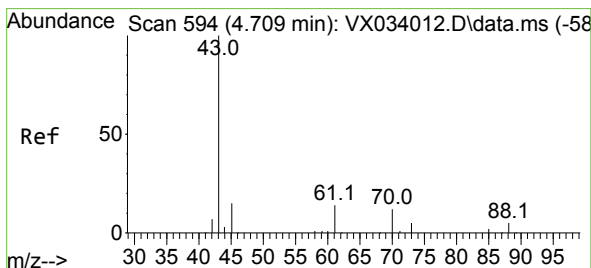
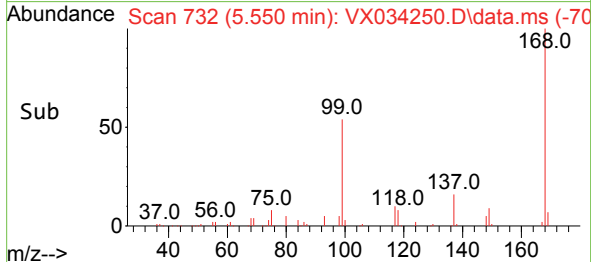
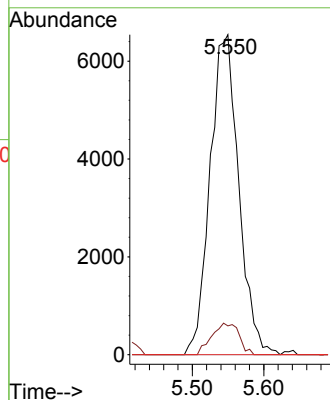
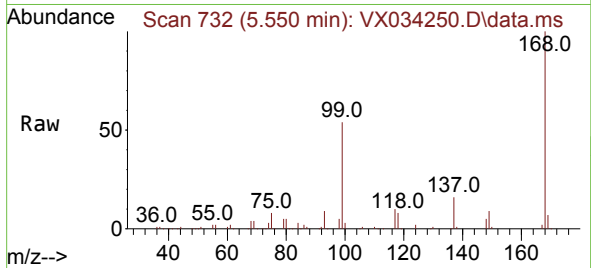




#36
1,1-Dichloropropene
Concen: 4.578 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

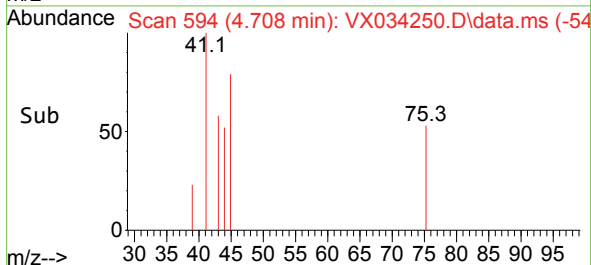
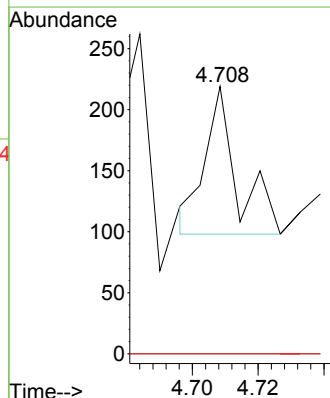
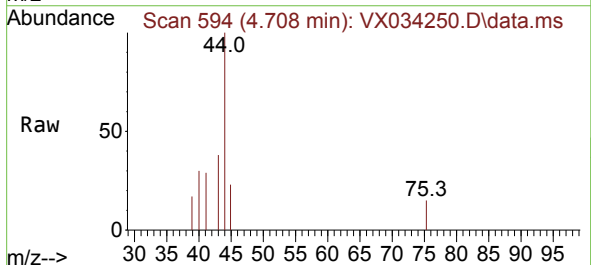
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

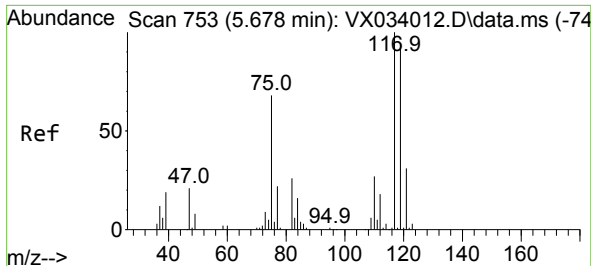
Tgt Ion: 75 Resp: 18204
Ion Ratio Lower Upper
75 100
110 9.3 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 0.018 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion: 43 Resp: 82
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.5 12.7#

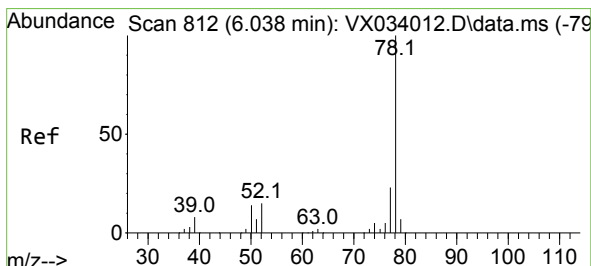
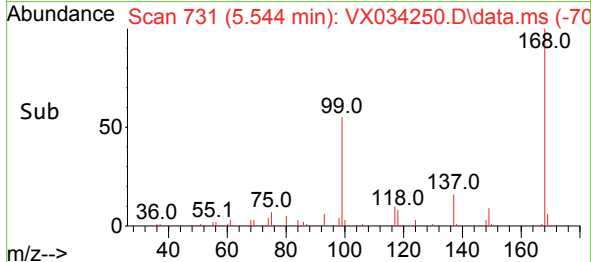
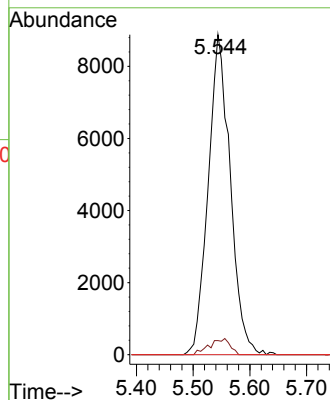
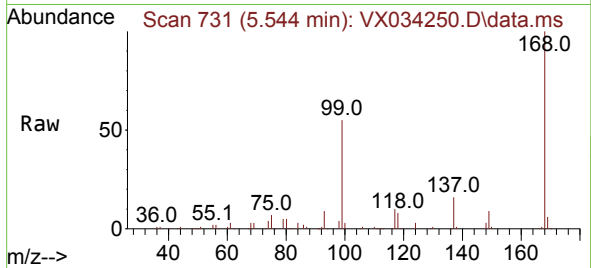




#38
Carbon Tetrachloride
Concen: 5.869 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

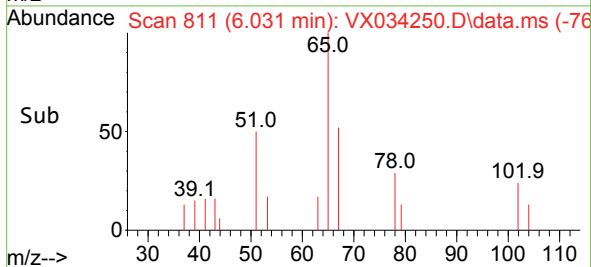
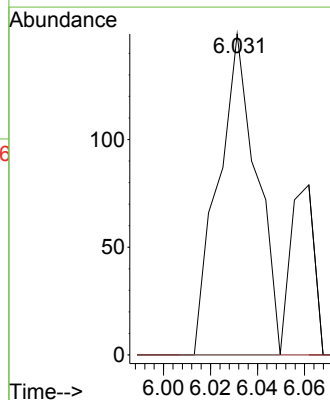
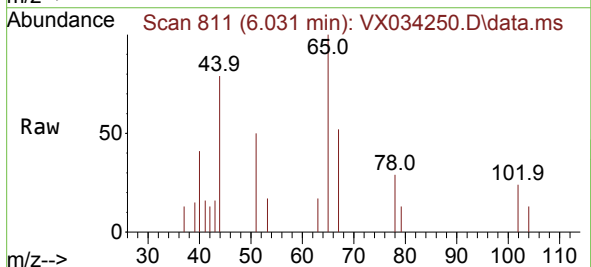
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

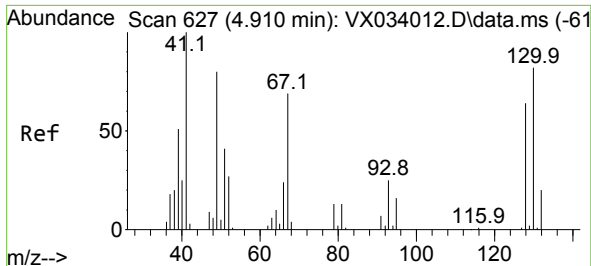
Tgt Ion:117 Resp: 24015
Ion Ratio Lower Upper
117 100
119 4.4 78.0 117.0#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 0.014 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion: 78 Resp: 170
Ion Ratio Lower Upper
78 100
77 0.0 19.0 28.4#

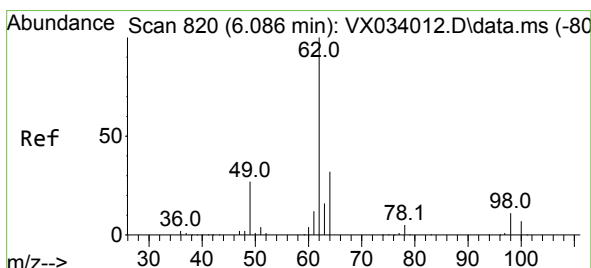
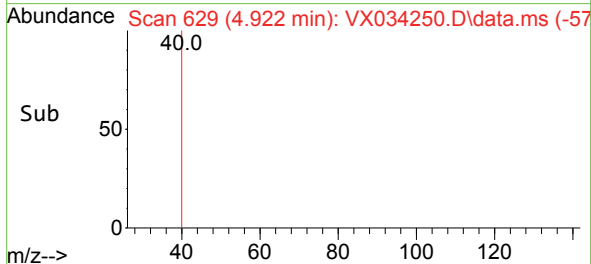
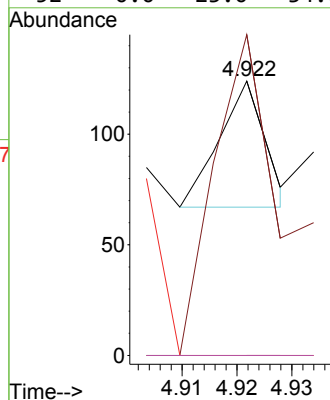
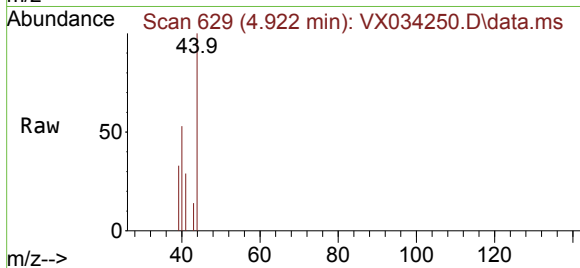




#41
Methacrylonitrile
Concen: 0.013 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

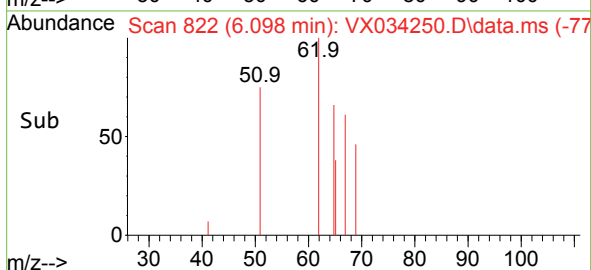
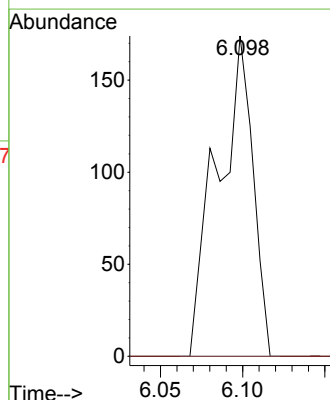
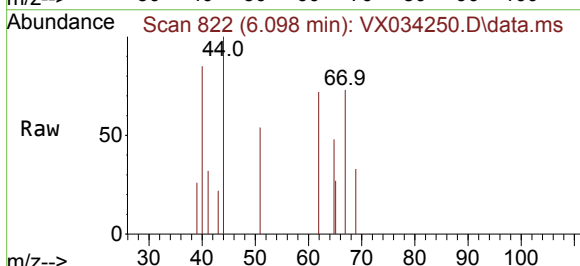
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

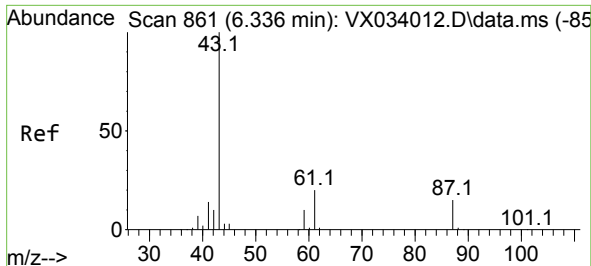
Tgt Ion:	41	Resp:	33
Ion	Ratio	Lower	Upper
41	100		
39	381.8	43.8	65.6#
67	166.7	54.8	82.2#
52	0.0	23.0	34.6#



#42
1,2-Dichloroethane
Concen: 0.063 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion:	62	Resp:	261
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.2

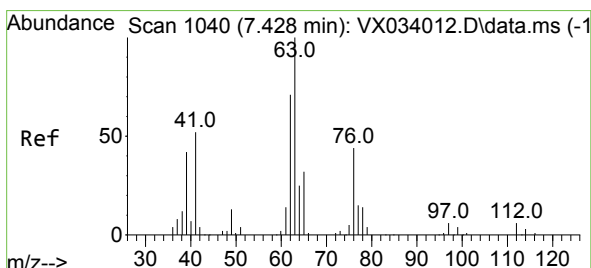
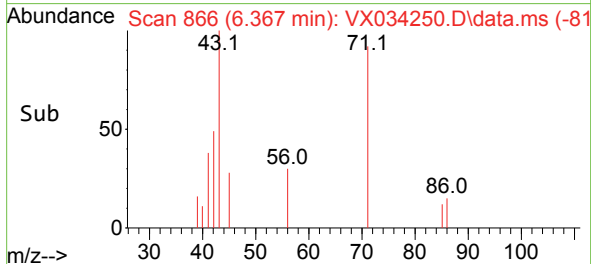
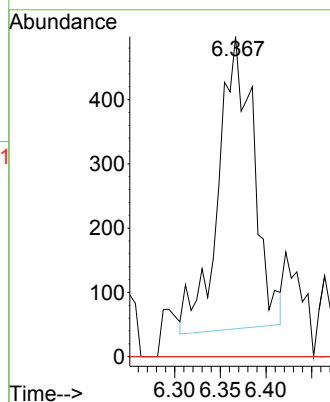
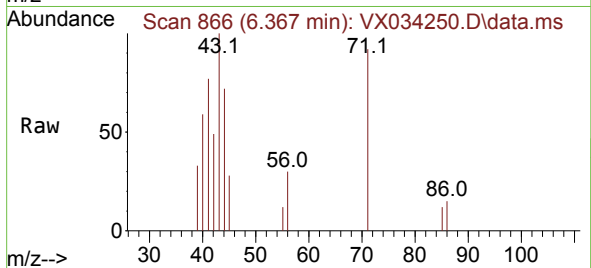




#43
Isopropyl Acetate
Concen: 0.156 ug/l
RT: 6.367 min Scan# 81
Delta R.T. 0.031 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

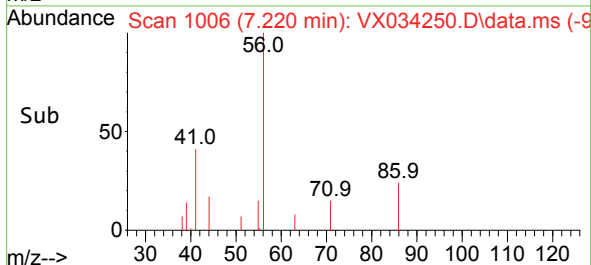
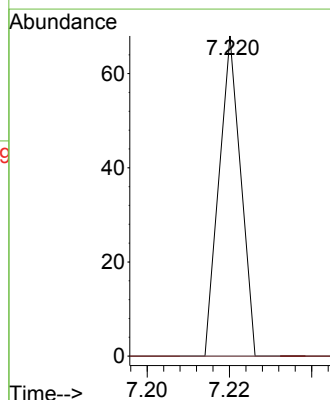
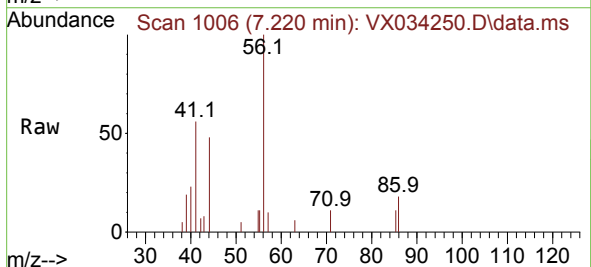
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

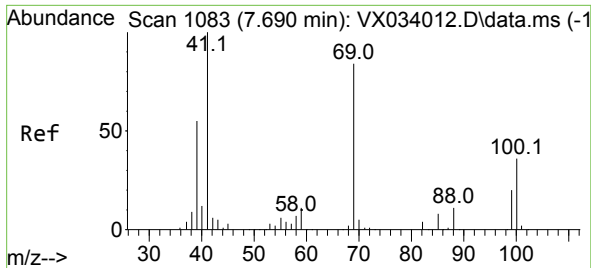
Tgt Ion: 43 Resp: 1223
Ion Ratio Lower Upper
43 100
61 0.0 15.7 23.5#
87 0.0 10.6 15.8#



#45
1,2-Dichloropropane
Concen: 0.008 ug/l
RT: 7.220 min Scan# 1006
Delta R.T. -0.207 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion: 63 Resp: 25
Ion Ratio Lower Upper
63 100
65 0.0 24.2 36.2#

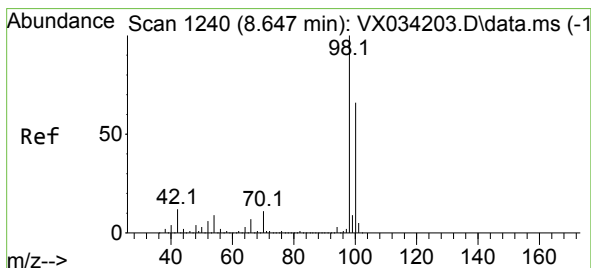
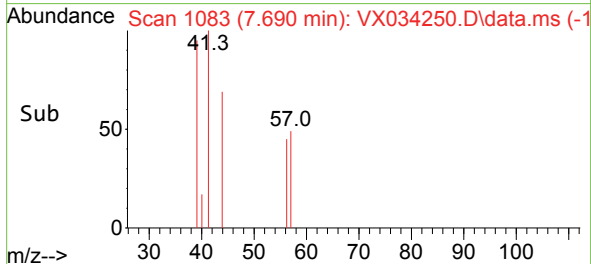
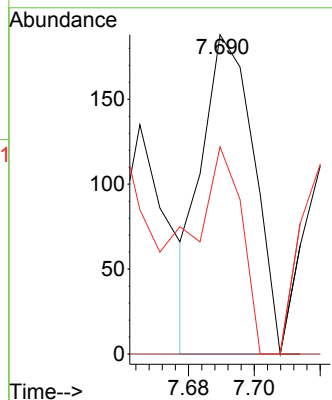
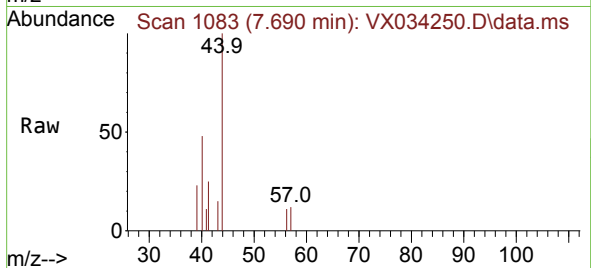




#48
Methyl methacrylate
Concen: 0.055 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

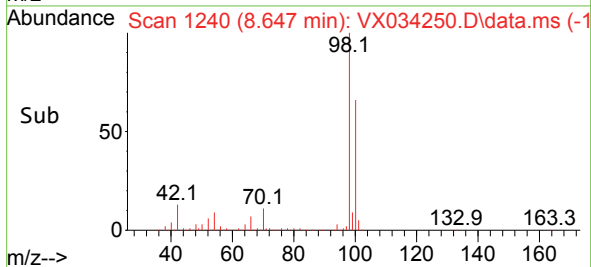
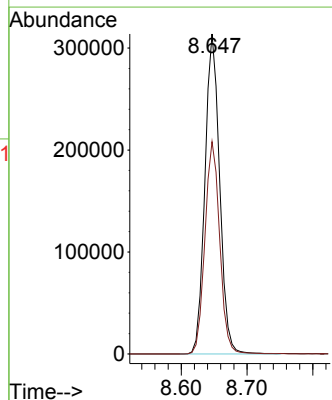
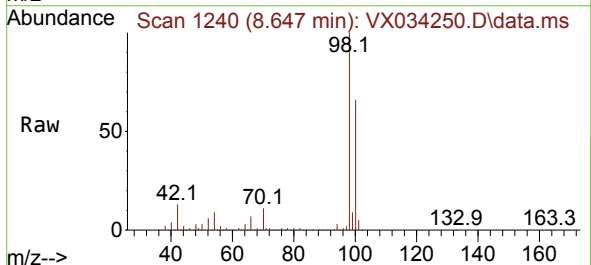
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

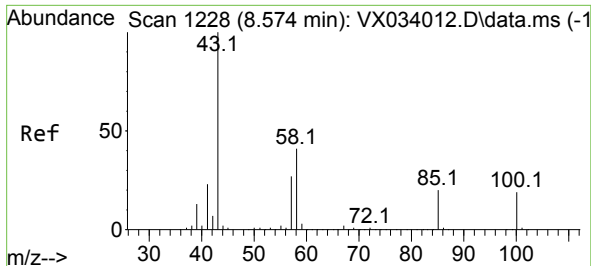
Tgt Ion: 41 Resp: 204
Ion Ratio Lower Upper
41 100
69 0.0 63.1 94.7#
39 38.2 43.2 64.8#



#50
Toluene-d8
Concen: 50.636 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion: 98 Resp: 488809
Ion Ratio Lower Upper
98 100
100 66.6 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 0.044 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX034250.D

Acq: 23 Feb 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

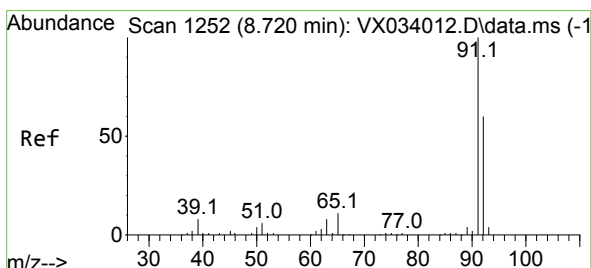
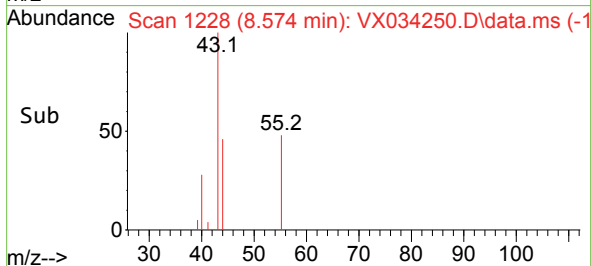
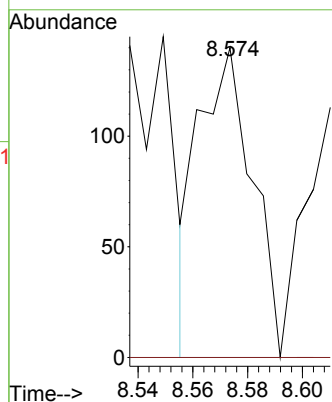
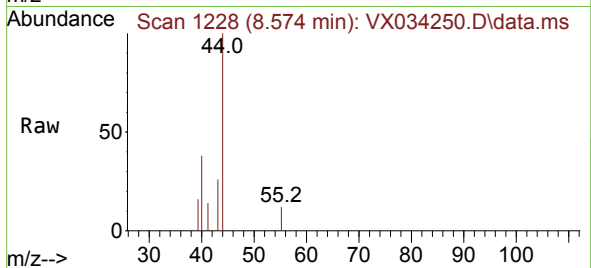
BU-2-022223

Tgt Ion: 43 Resp: 190

Ion Ratio Lower Upper

43 100

58 0.0 31.2 46.8#



#52

Toluene

Concen: 0.019 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.012 min

Lab File: VX034250.D

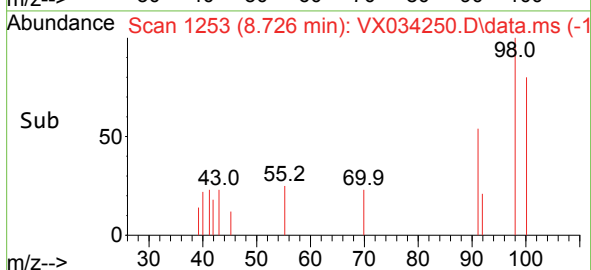
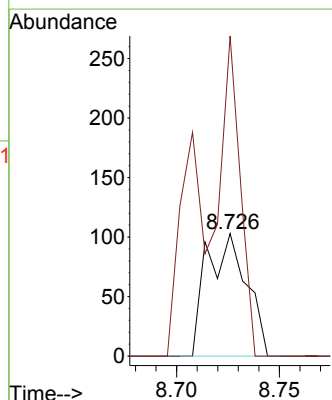
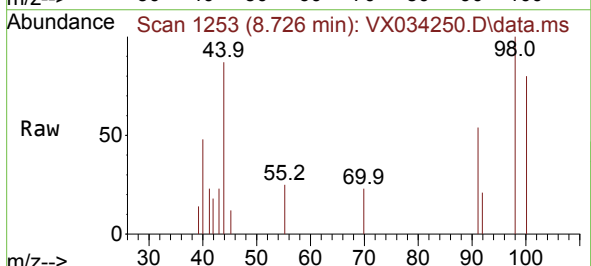
Acq: 23 Feb 2023 15:51

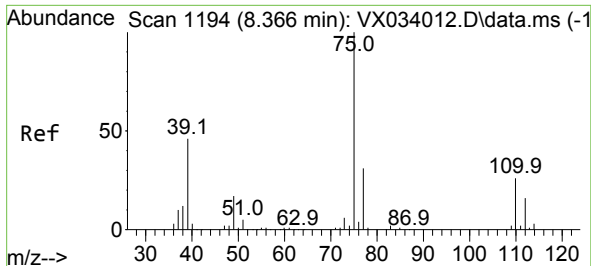
Tgt Ion: 92 Resp: 139

Ion Ratio Lower Upper

92 100

91 132.4 135.5 203.3#

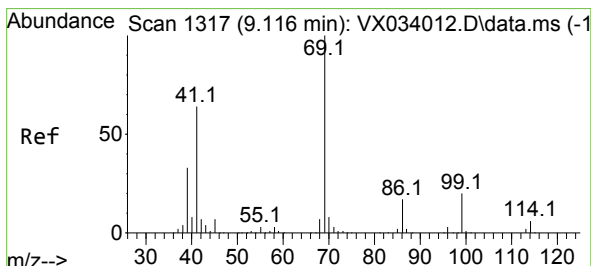
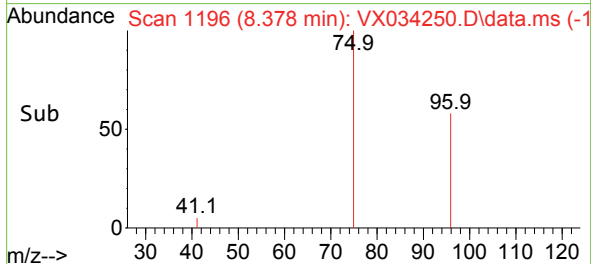
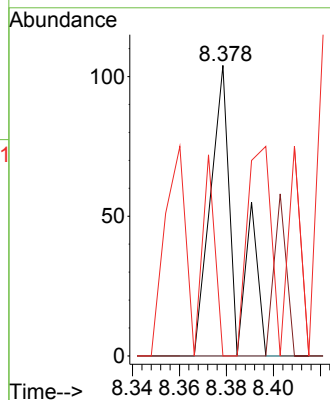
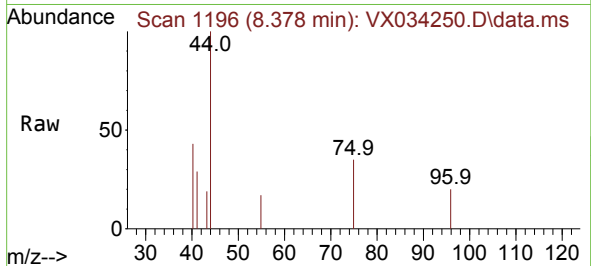




#54
 cis-1,3-Dichloropropene
 Concen: 0.015 ug/l
 RT: 8.378 min Scan# 1196
 Delta R.T. 0.012 min
 Lab File: VX034250.D
 Acq: 23 Feb 2023 15:51

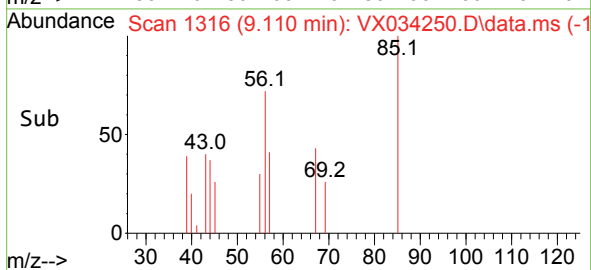
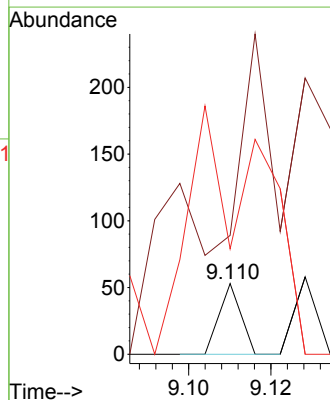
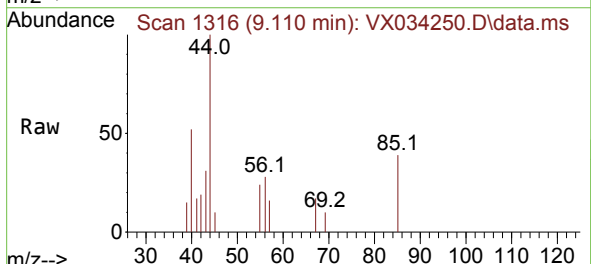
Instrument :
 MSVOA_X
 ClientSampleId :
 BU-2-022223

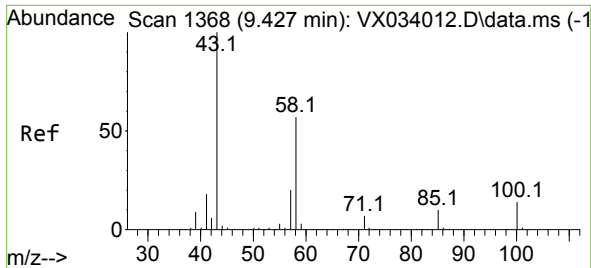
Tgt Ion: 75 Resp: 76
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 0.0 38.6 58.0#



#56
 Ethyl methacrylate
 Concen: 0.004 ug/l
 RT: 9.110 min Scan# 1316
 Delta R.T. -0.006 min
 Lab File: VX034250.D
 Acq: 23 Feb 2023 15:51

Tgt Ion: 69 Resp: 19
 Ion Ratio Lower Upper
 69 100
 41 1394.7 55.1 82.7#
 39 1194.7 28.5 42.7#

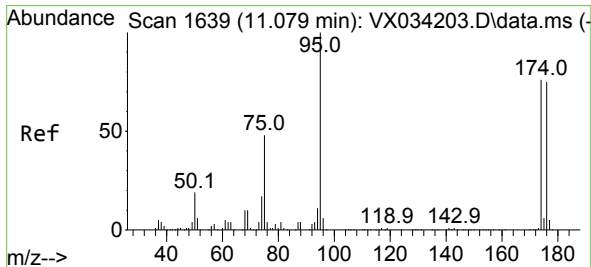
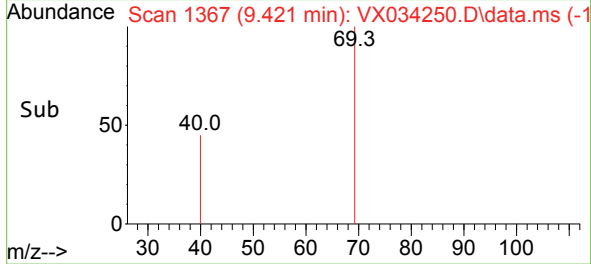
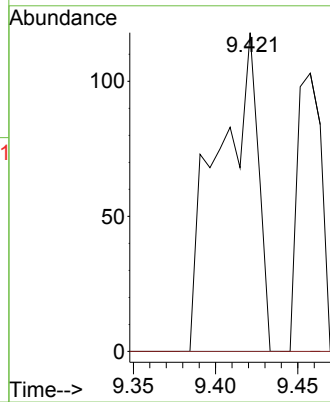
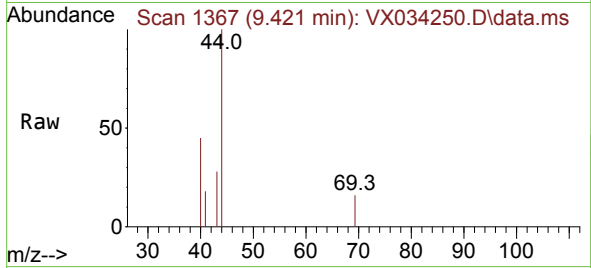




#59
2-Hexanone
Concen: 0.061 ug/l
RT: 9.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

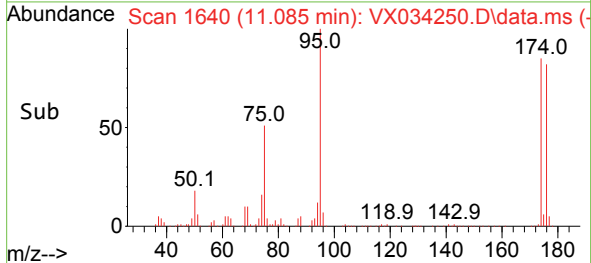
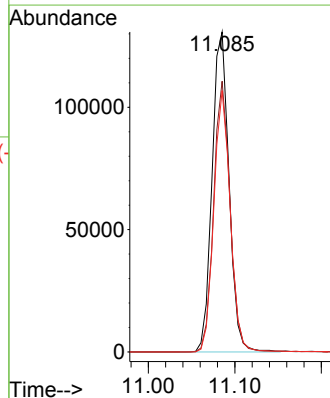
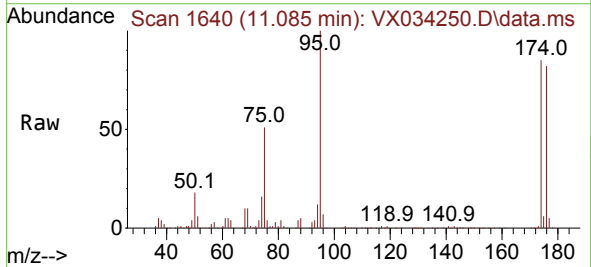
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

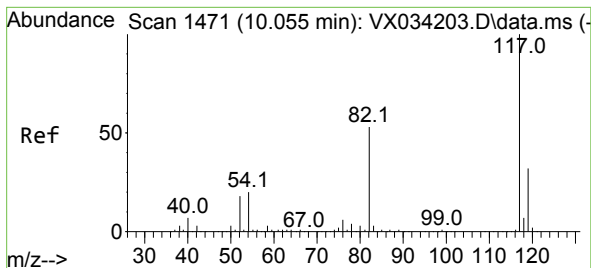
Tgt Ion: 43 Resp: 200
Ion Ratio Lower Upper
43 100
58 0.0 27.4 82.0#



#62
4-Bromofluorobenzene
Concen: 48.111 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion: 95 Resp: 177649
Ion Ratio Lower Upper
95 100
174 82.1 0.0 184.4
176 79.6 0.0 178.8

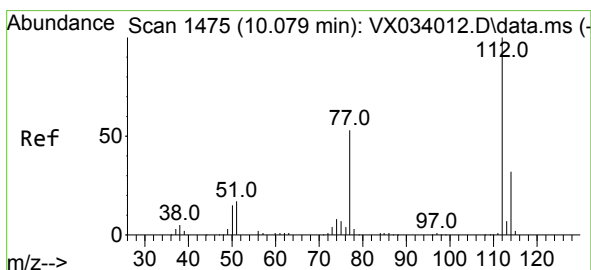
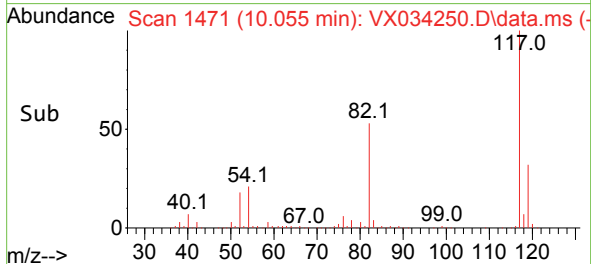
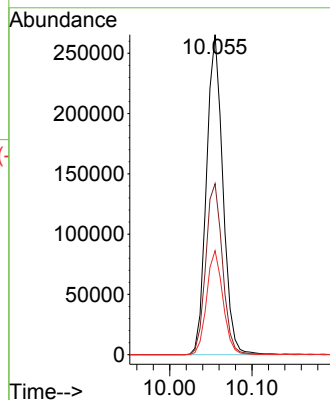
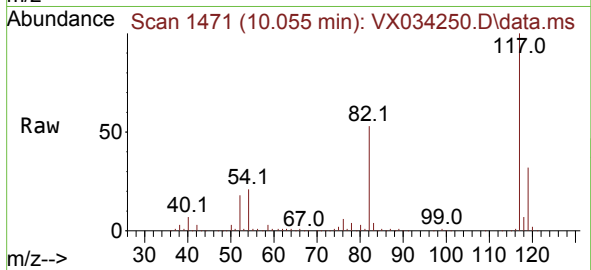




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

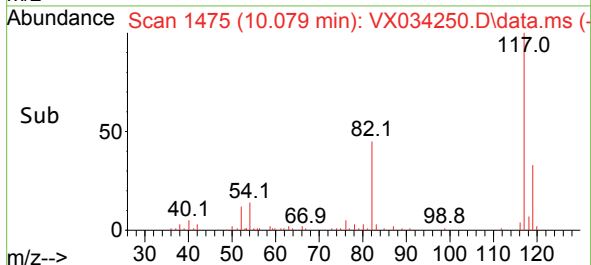
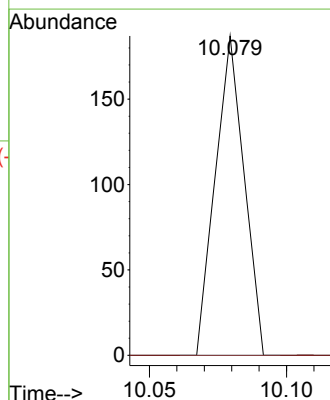
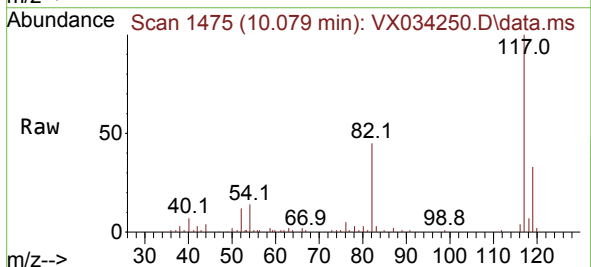
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

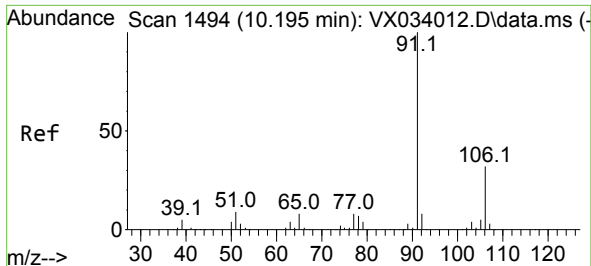
Tgt Ion:117 Resp: 367923
Ion Ratio Lower Upper
117 100
82 53.4 40.6 60.8
119 32.5 25.6 38.4



#65
Chlorobenzene
Concen: 0.018 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion:112 Resp: 136
Ion Ratio Lower Upper
112 100
114 0.0 26.2 39.4#

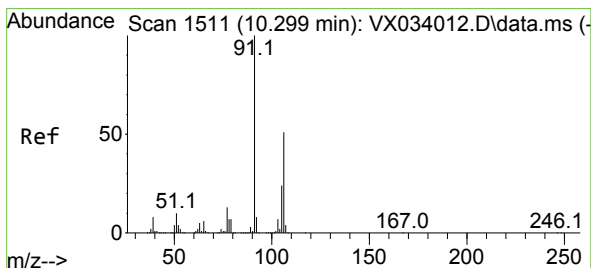
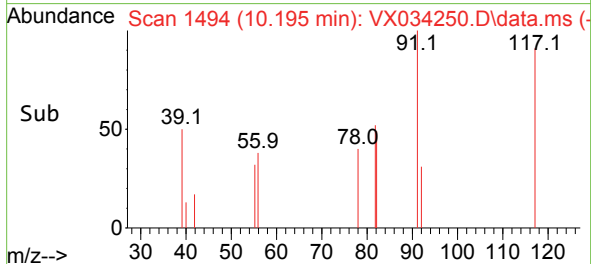
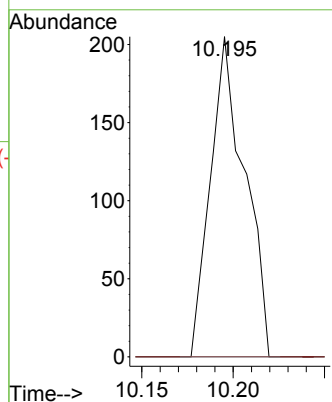
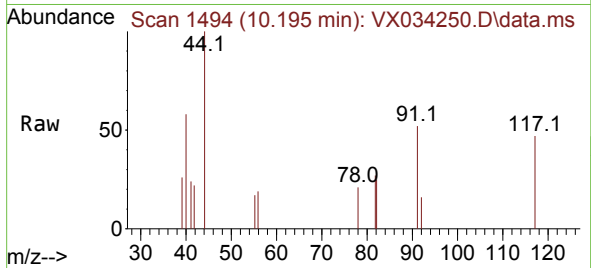




#67
Ethyl Benzene
Concen: 0.019 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

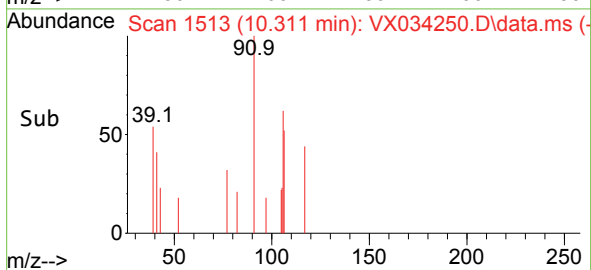
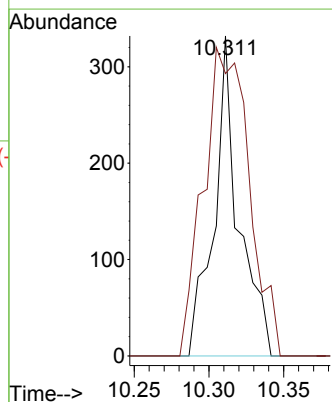
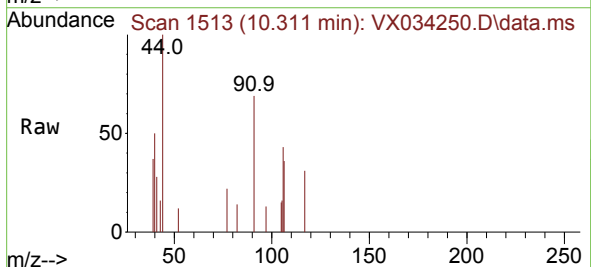
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

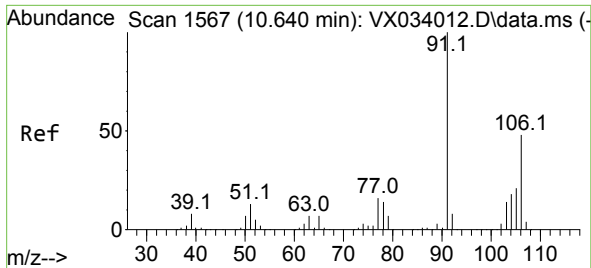
Tgt Ion: 91 Resp: 268
Ion Ratio Lower Upper
91 100
106 0.0 25.8 38.8#



#68
m/p-Xylenes
Concen: 0.072 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion: 106 Resp: 379
Ion Ratio Lower Upper
106 100
91 179.7 156.4 234.6

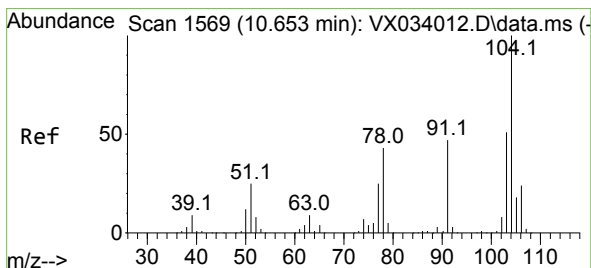
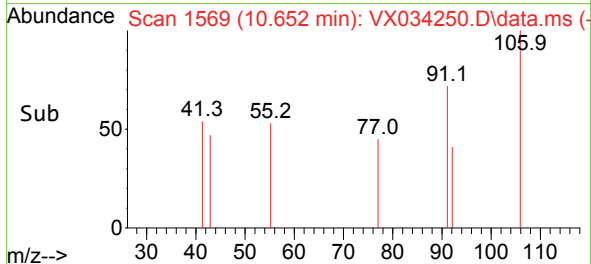
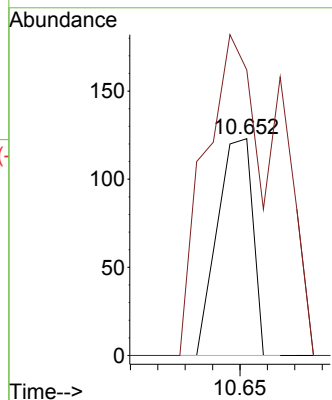
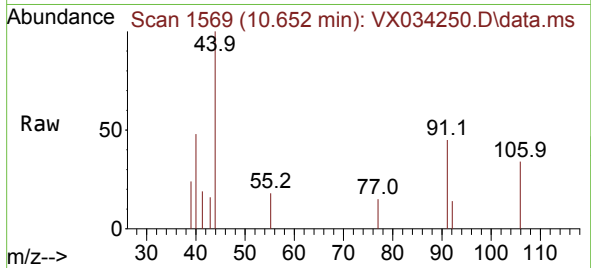




#69
o-Xylene
Concen: 0.021 ug/l
RT: 10.652 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

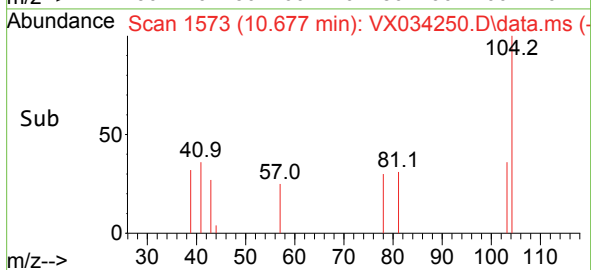
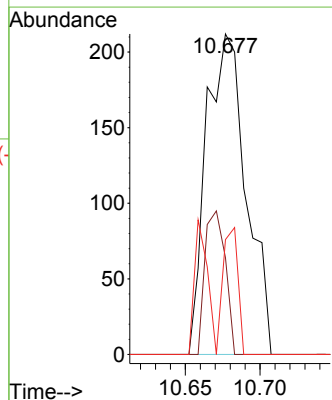
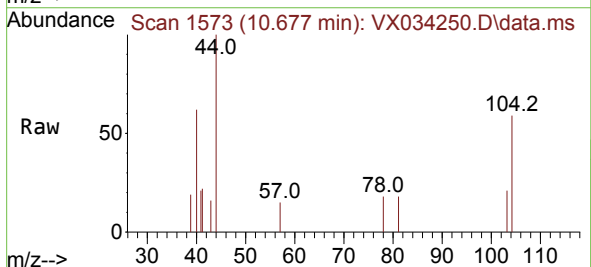
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

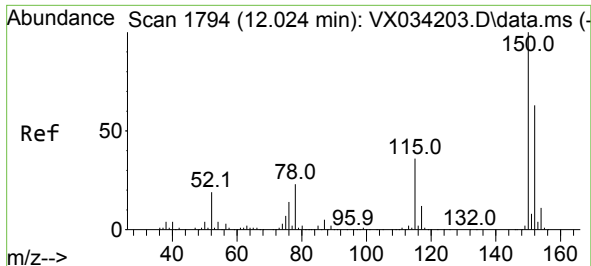
Tgt Ion:106 Resp: 110
Ion Ratio Lower Upper
106 100
91 299.1 103.1 309.3



#70
Styrene
Concen: 0.046 ug/l
RT: 10.677 min Scan# 1573
Delta R.T. 0.018 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion:104 Resp: 393
Ion Ratio Lower Upper
104 100
78 22.9 37.5 56.3#
103 15.0 43.3 64.9#

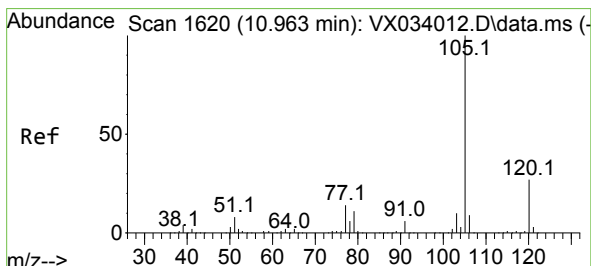
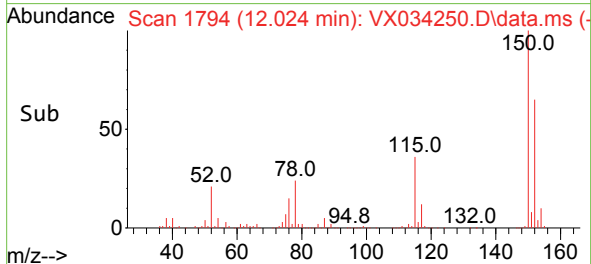
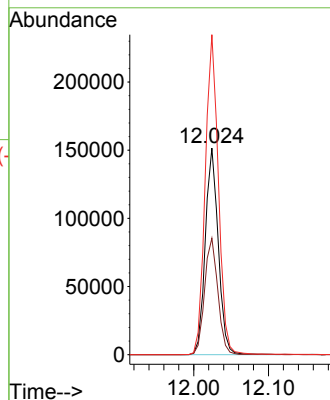
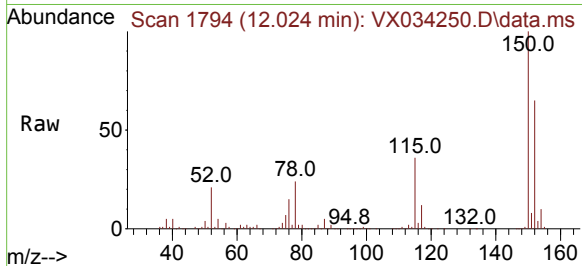




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

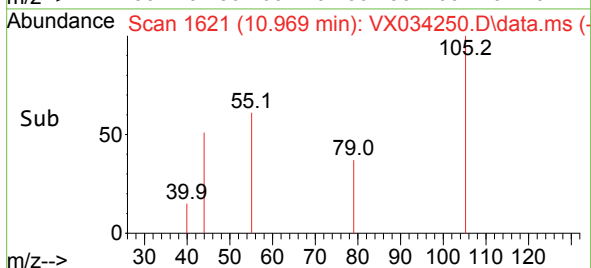
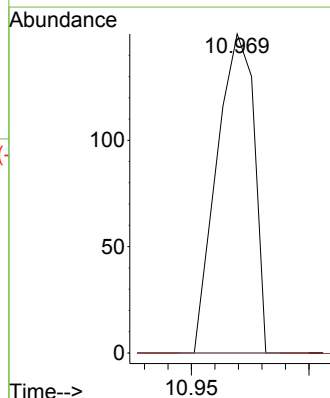
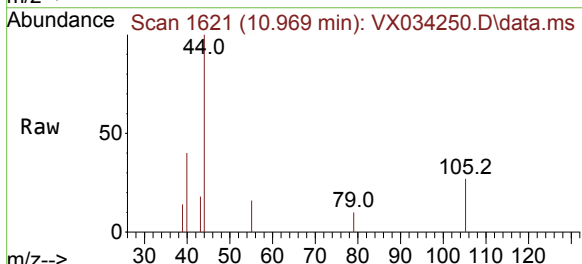
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

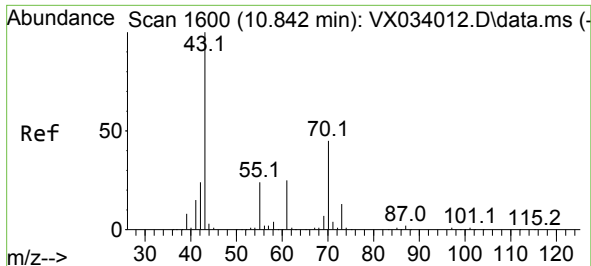
Tgt Ion:152 Resp: 183049
Ion Ratio Lower Upper
152 100
115 57.7 38.7 116.1
150 157.7 0.0 348.2



#73
Isopropylbenzene
Concen: 0.012 ug/l
RT: 10.969 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion:105 Resp: 166
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#

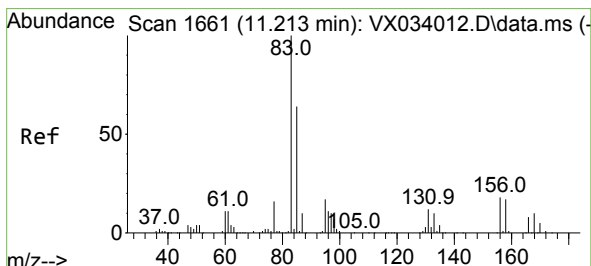
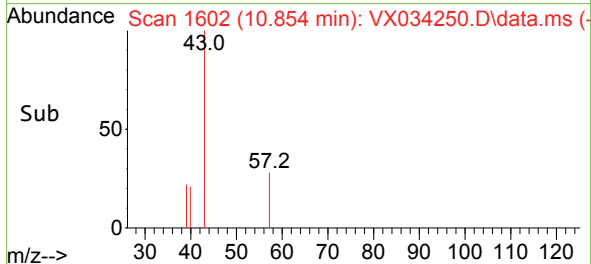
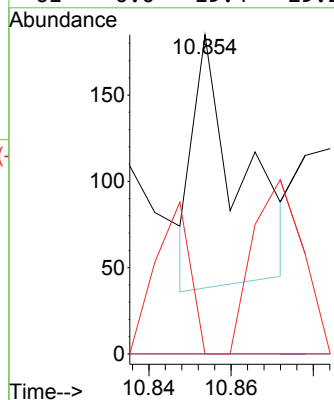
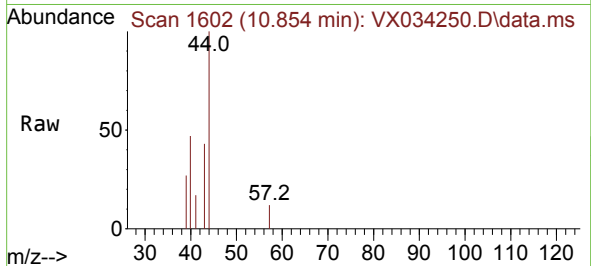




#74
N-amy1 acetate
Concen: 0.016 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

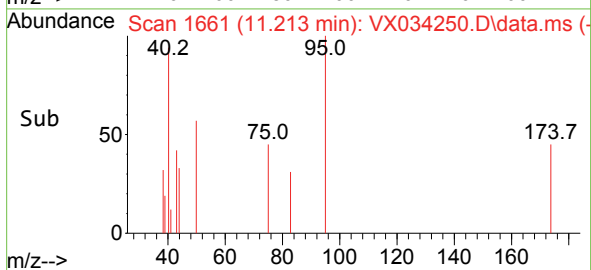
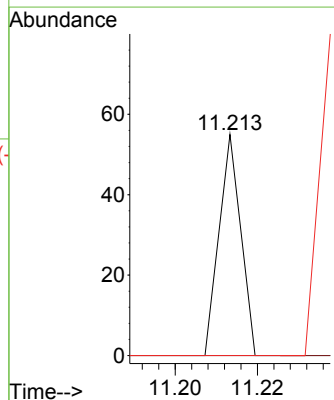
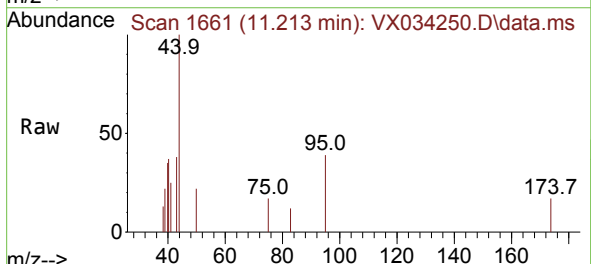
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

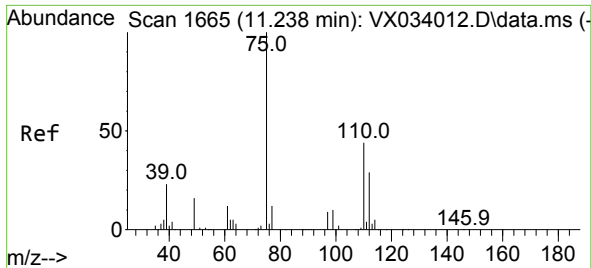
Tgt Ion: 43	Resp: 114
Ion Ratio	Lower Upper
43 100	
70 0.0	34.8 52.2#
55 45.6	19.4 29.0#
61 0.0	19.4 29.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.004 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion: 83	Resp:	20	
Ion Ratio	Lower	Upper	
83 100			
131 0.0	5.5	16.7#	
85 0.0	32.3	96.9#	

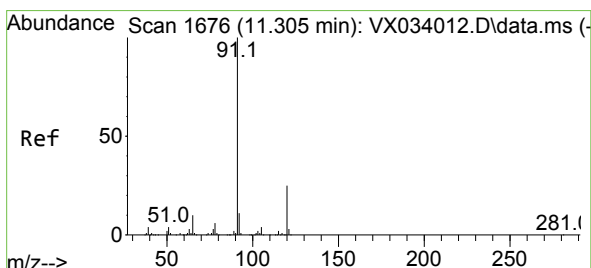
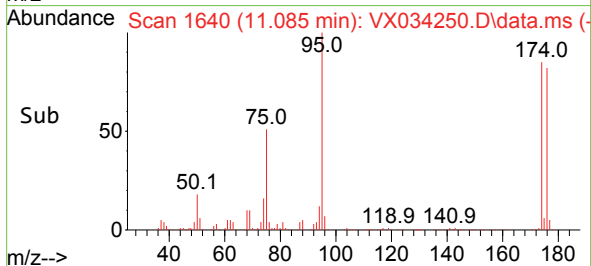
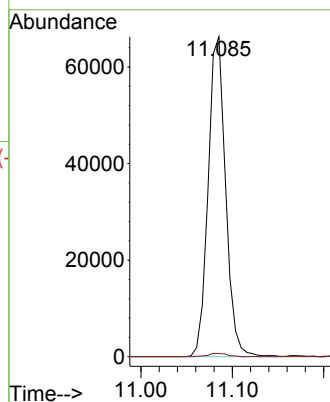
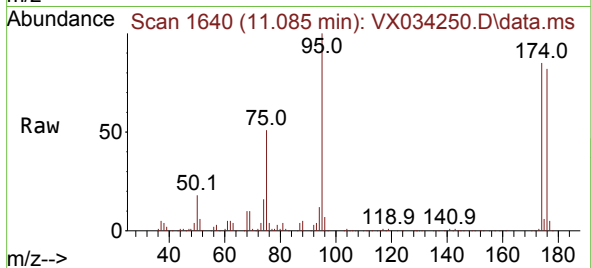




#76
1,2,3-Trichloropropane
Concen: 19.173 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

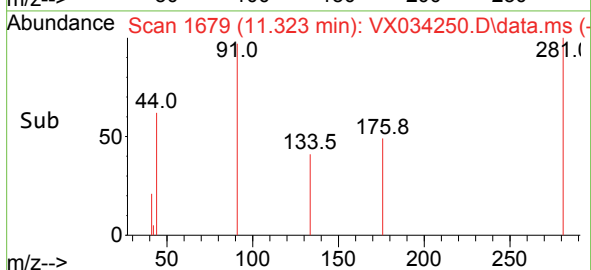
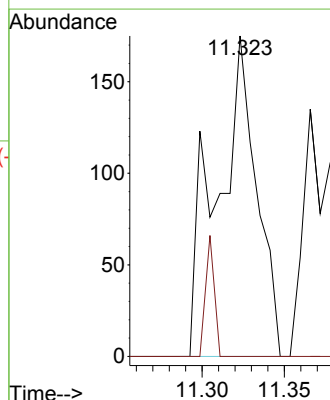
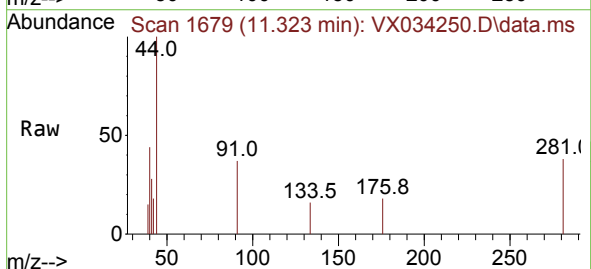
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

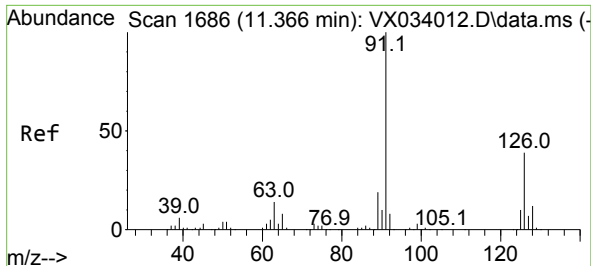
Tgt Ion: 75 Resp: 88311
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#78
n-propylbenzene
Concen: 0.018 ug/l
RT: 11.323 min Scan# 1679
Delta R.T. 0.018 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion: 91 Resp: 294
Ion Ratio Lower Upper
91 100
120 8.2 12.3 36.8#

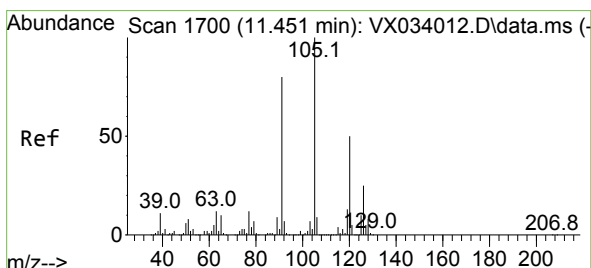
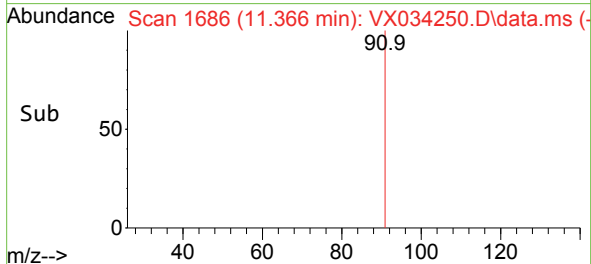
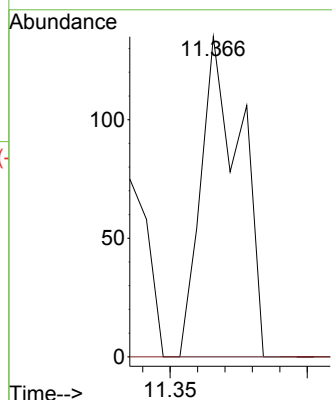
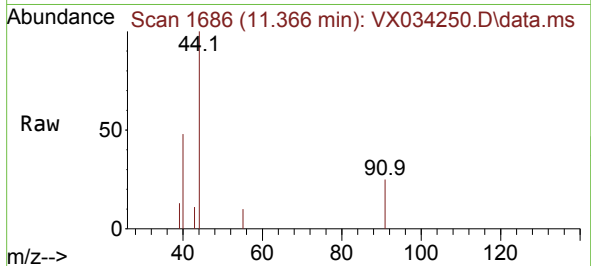




#79
2-Chlorotoluene
Concen: 0.014 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

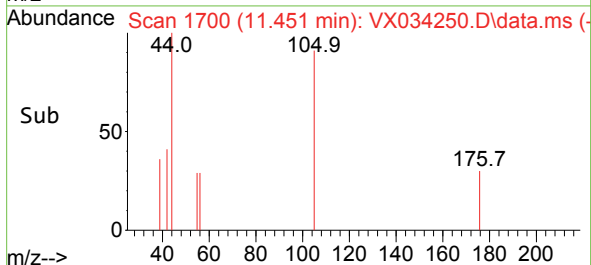
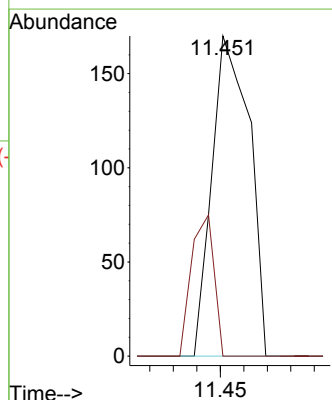
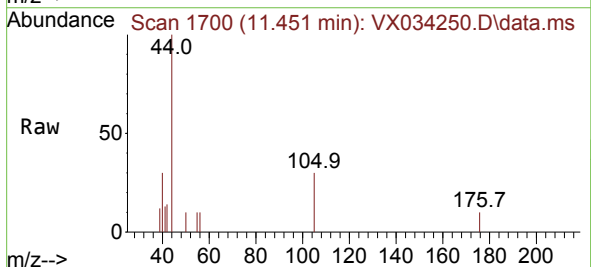
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

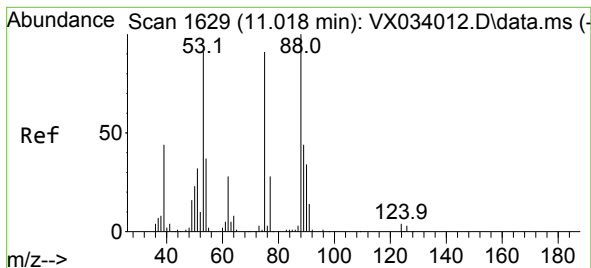
Tgt Ion: 91 Resp: 136
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#



#80
1,3,5-Trimethylbenzene
Concen: 0.016 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion: 105 Resp: 188
Ion Ratio Lower Upper
105 100
120 26.6 25.6 76.8

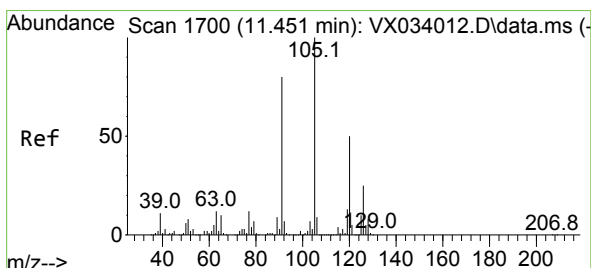
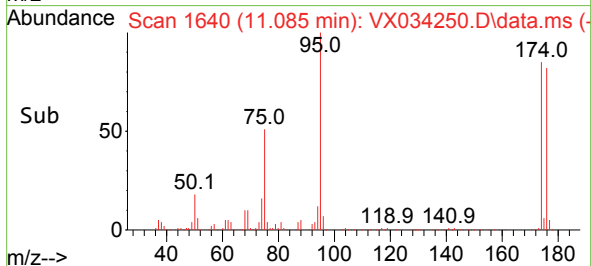
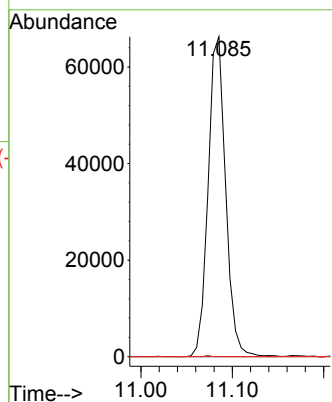
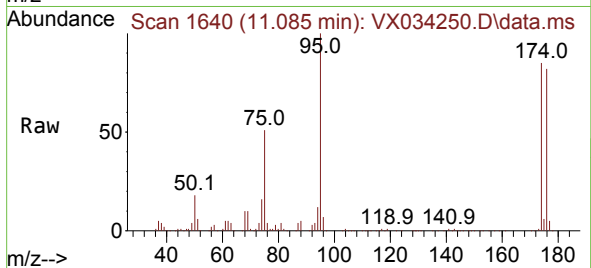




#81
trans-1,4-Dichloro-2-butene
Concen: 49.254 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

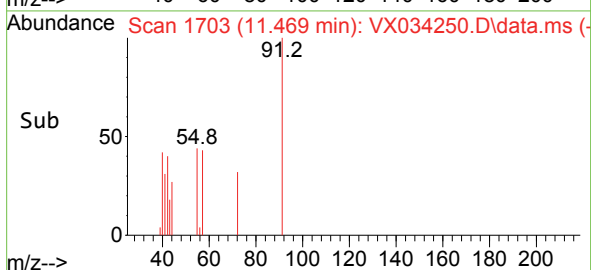
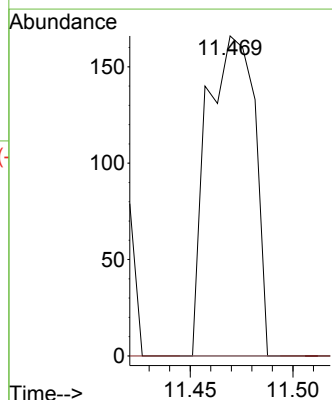
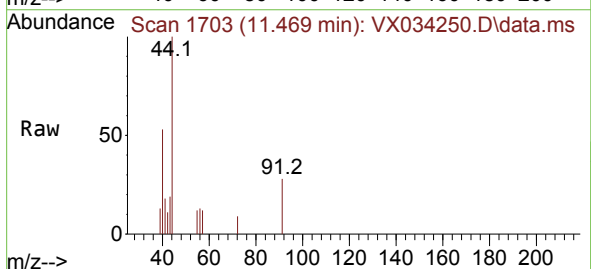
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

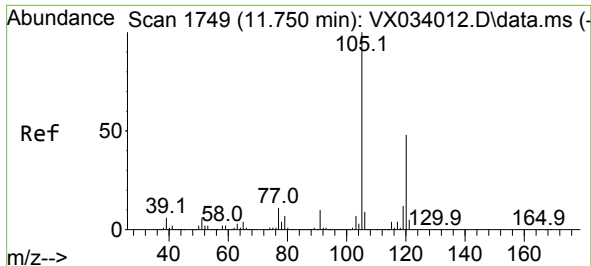
Tgt Ion: 75 Resp: 88311
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.1 37.7 56.5#



#82
4-Chlorotoluene
Concen: 0.024 ug/l
RT: 11.469 min Scan# 1703
Delta R.T. 0.012 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion: 91 Resp: 267
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#

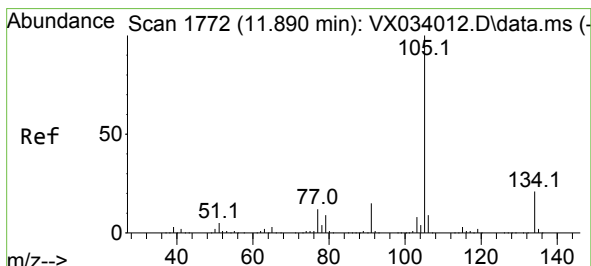
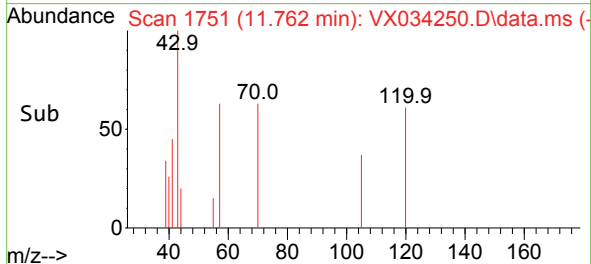
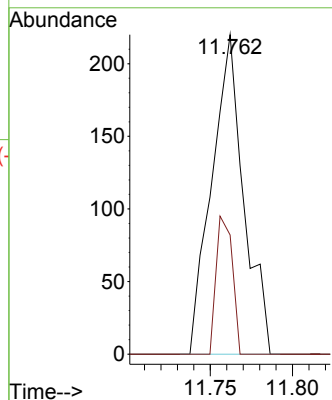
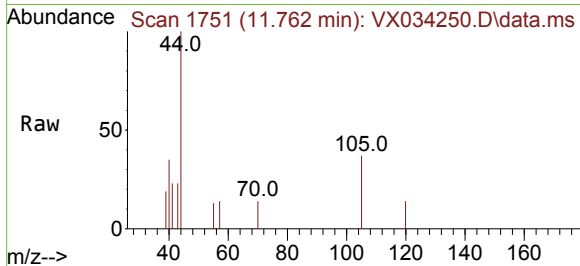




#84
1,2,4-Trimethylbenzene
Concen: 0.025 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

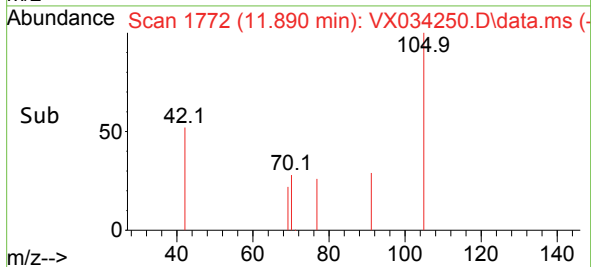
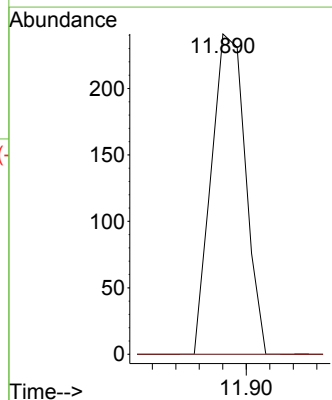
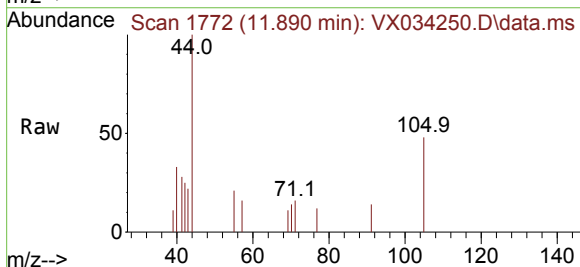
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

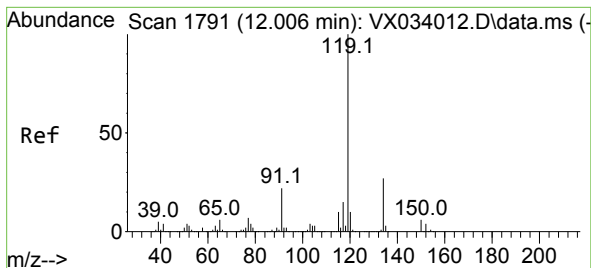
Tgt Ion:105 Resp: 298
Ion Ratio Lower Upper
105 100
120 21.8 23.4 70.2#



#85
sec-Butylbenzene
Concen: 0.017 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion:105 Resp: 242
Ion Ratio Lower Upper
105 100
134 0.0 10.8 32.3#





#86

p-Isopropyltoluene

Concen: 0.023 ug/l

RT: 12.012 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034250.D

Acq: 23 Feb 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

BU-2-022223

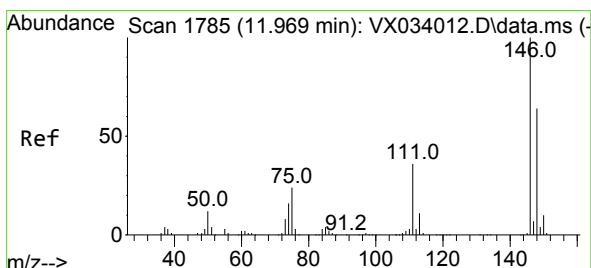
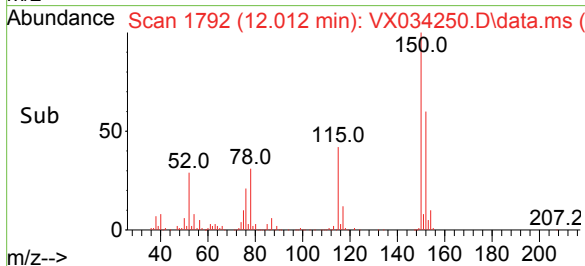
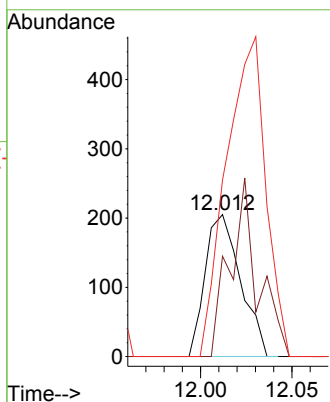
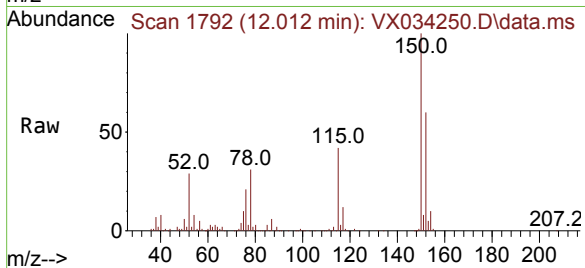
Tgt Ion:119 Resp: 276

Ion Ratio Lower Upper

119 100

134 98.9 13.6 40.8#

91 251.1 11.0 33.0#



#87

1,3-Dichlorobenzene

Concen: 0.044 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX034250.D

Acq: 23 Feb 2023 15:51

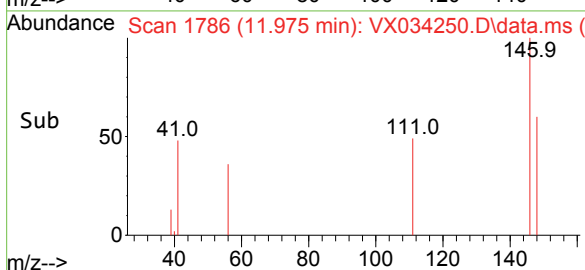
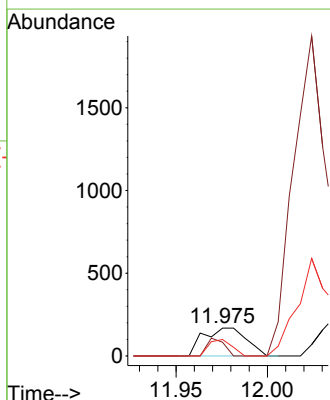
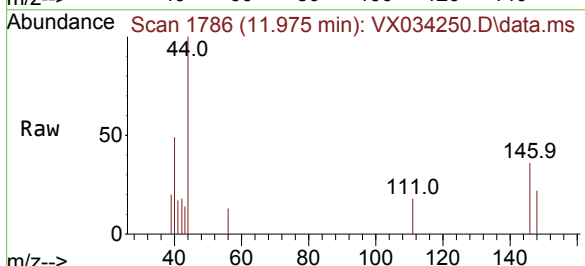
Tgt Ion:146 Resp: 275

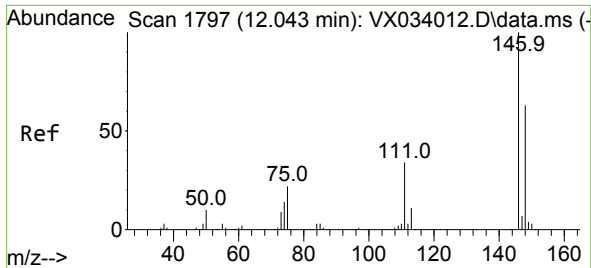
Ion Ratio Lower Upper

146 100

111 0.0 18.6 55.6#

148 31.6 31.9 95.5#





#88

1,4-Dichlorobenzene

Concen: 0.054 ug/l

RT: 12.042 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034250.D

Acq: 23 Feb 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

BU-2-022223

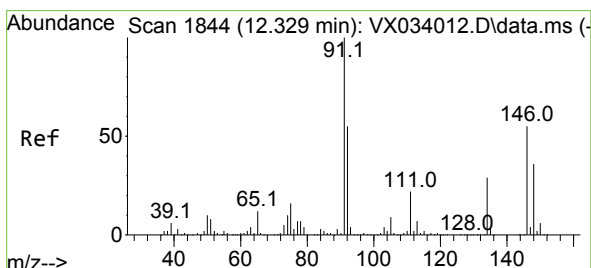
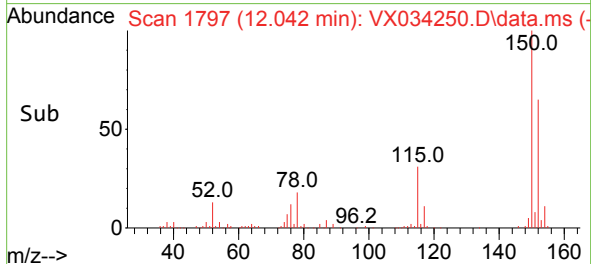
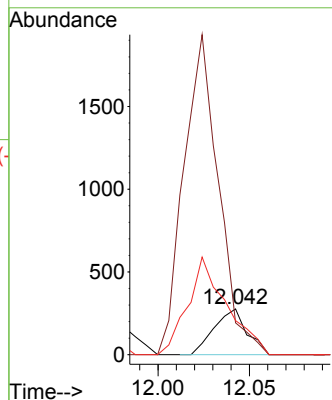
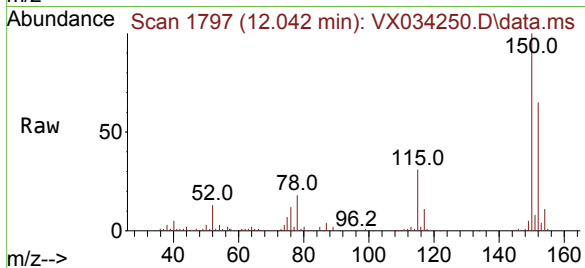
Tgt Ion:146 Resp: 346

Ion Ratio Lower Upper

146 100

111 743.1 17.8 53.4#

148 252.6 32.1 96.3#



#89

n-Butylbenzene

Concen: 0.037 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX034250.D

Acq: 23 Feb 2023 15:51

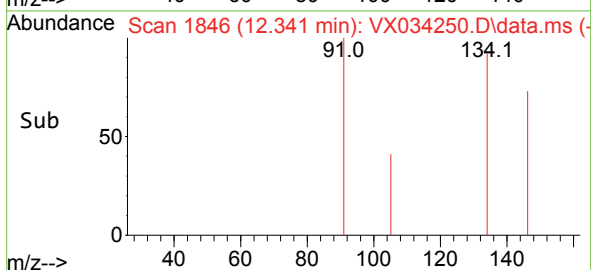
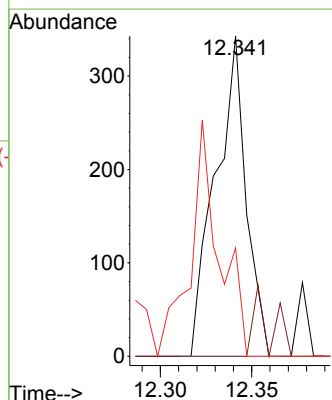
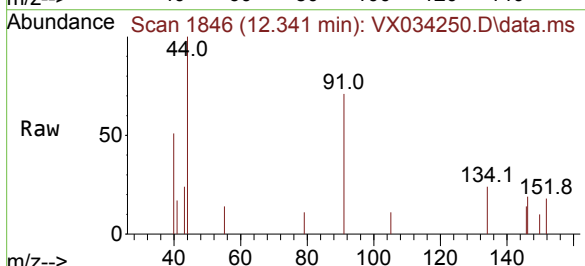
Tgt Ion: 91 Resp: 399

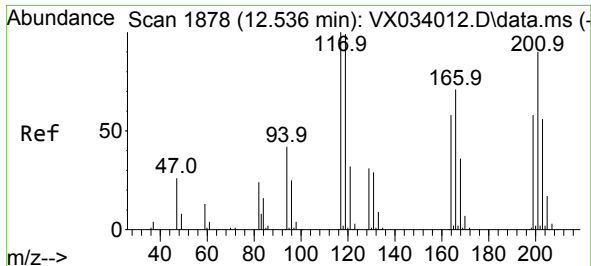
Ion Ratio Lower Upper

91 100

92 12.3 27.5 82.5#

134 0.0 14.3 42.9#

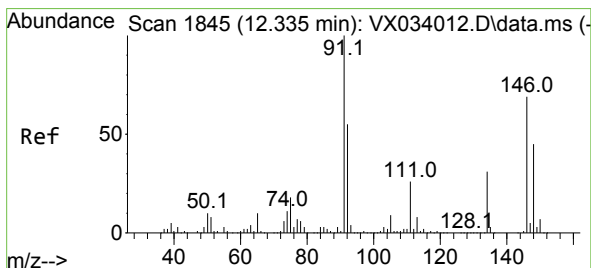
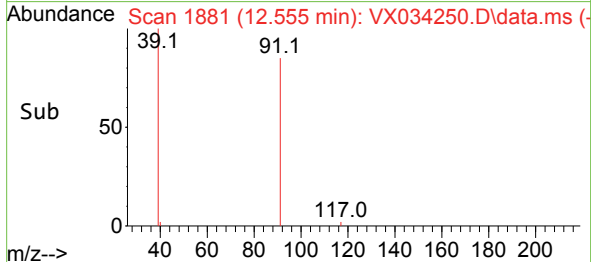
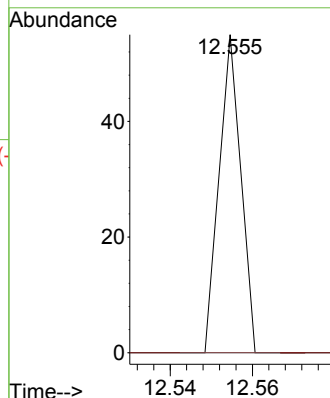
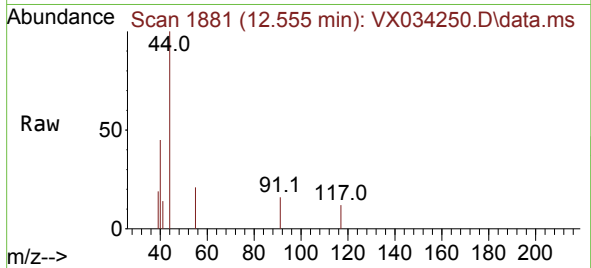




#90
Hexachloroethane
Concen: 0.008 ug/l
RT: 12.555 min Scan# 1881
Delta R.T. 0.018 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

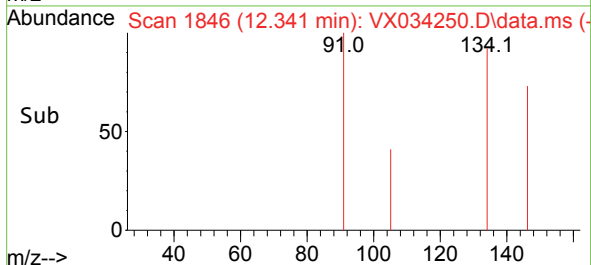
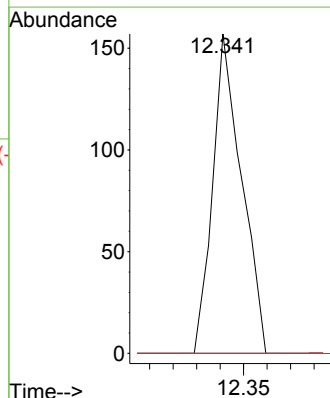
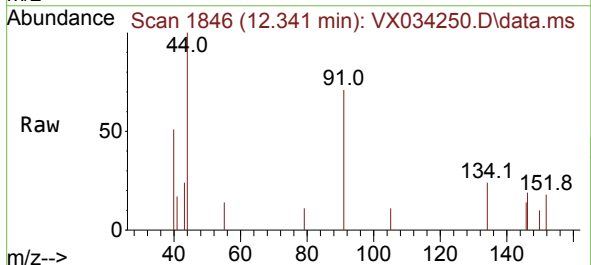
Instrument :
MSVOA_X
ClientSampleId :
BU-2-022223

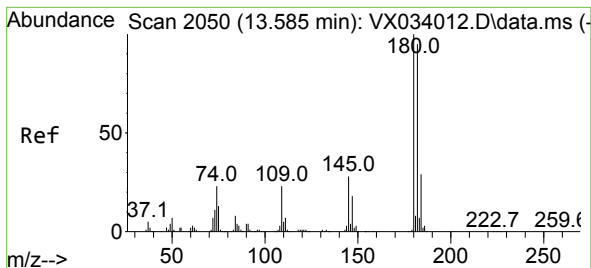
Tgt Ion:117 Resp: 20
Ion Ratio Lower Upper
117 100
201 0.0 45.1 135.3#



#91
1,2-Dichlorobenzene
Concen: 0.022 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX034250.D
Acq: 23 Feb 2023 15:51

Tgt Ion:146 Resp: 134
Ion Ratio Lower Upper
146 100
111 0.0 19.3 57.8#
148 0.0 32.3 96.9#





#93

1,2,4-Trichlorobenzene

Concen: 0.042 ug/l

RT: 13.603 min Scan# 2053

Delta R.T. 0.012 min

Lab File: VX034250.D

Acq: 23 Feb 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

BU-2-022223

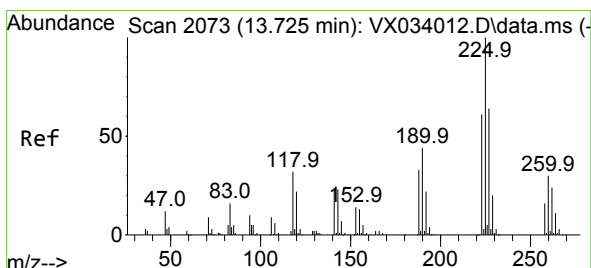
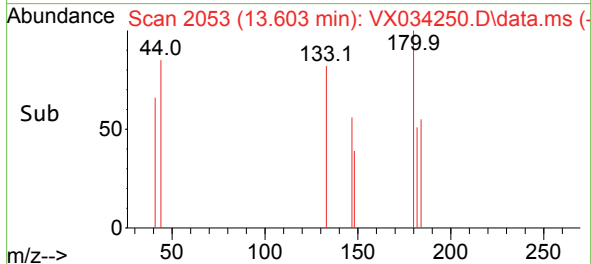
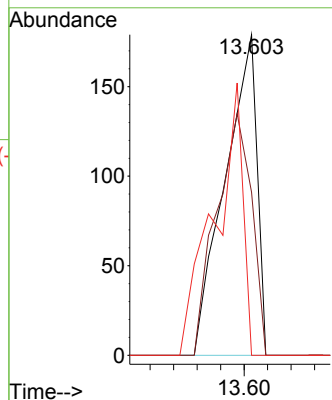
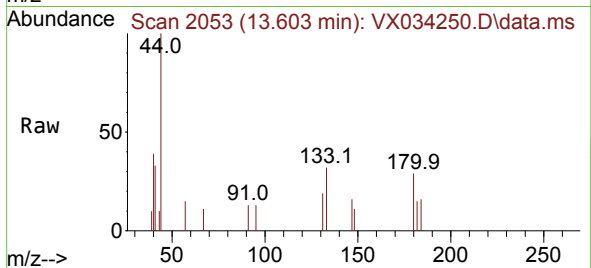
Tgt Ion:180 Resp: 168

Ion Ratio Lower Upper

180 100

182 83.3 47.9 143.6

145 76.2 14.1 42.2#



#94

Hexachlorobutadiene

Concen: 0.052 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034250.D

Acq: 23 Feb 2023 15:51

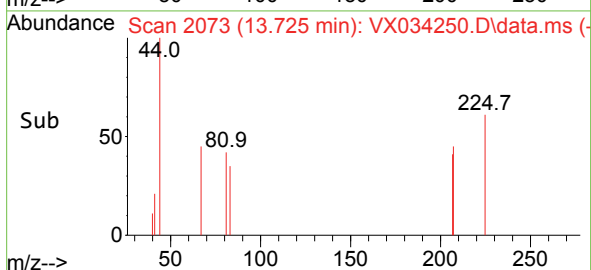
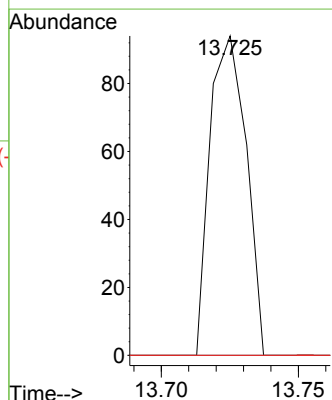
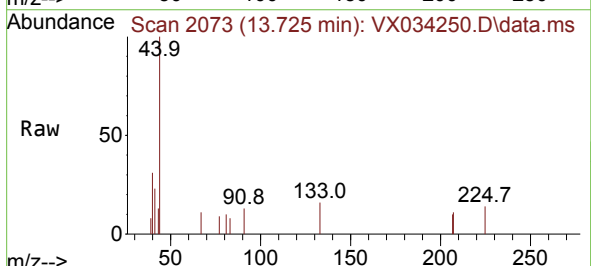
Tgt Ion:225 Resp: 86

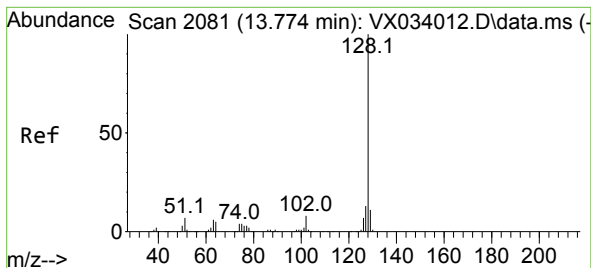
Ion Ratio Lower Upper

225 100

223 0.0 31.3 93.9#

227 0.0 32.3 96.9#





#95

Naphthalene

Concen: 0.055 ug/l

RT: 13.792 min Scan# 2084

Delta R.T. 0.018 min

Lab File: VX034250.D

Acq: 23 Feb 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

BU-2-022223

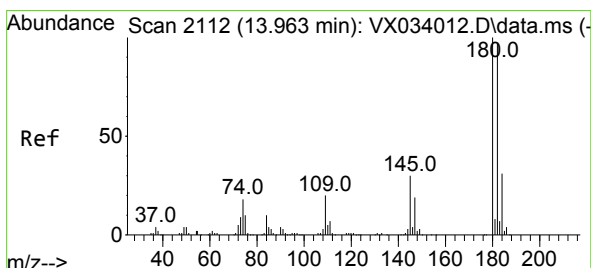
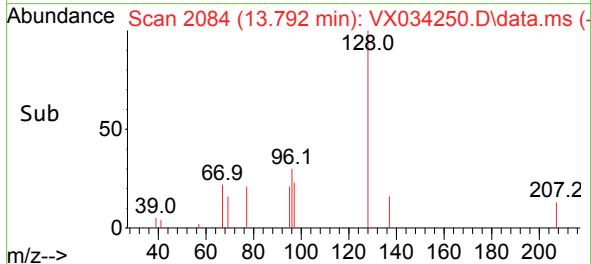
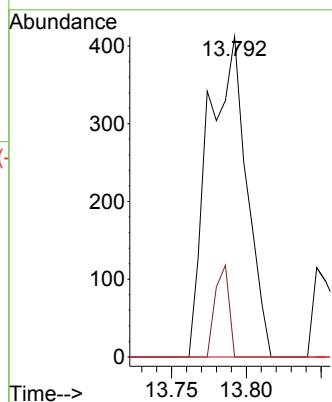
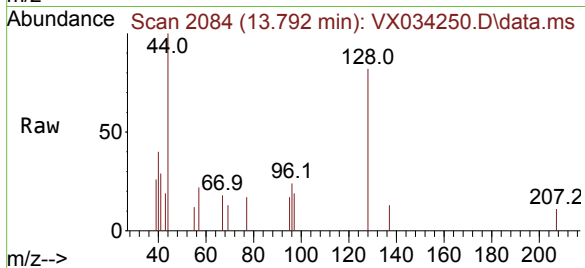
Tgt Ion:128 Resp: 730

Ion Ratio Lower Upper

128 100

127 10.4 10.3 15.5

129 0.0 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.052 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VX034250.D

Acq: 23 Feb 2023 15:51

Tgt Ion:180 Resp: 204

Ion Ratio Lower Upper

180 100

182 57.8 47.6 142.9

145 33.3 15.1 45.3

