

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013123\
 Data File : VX033973.D
 Acq On : 31 Jan 2023 15:51
 Operator : JC/MD
 Sample : 01370-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20230113-H4-STOCKPILE

Quant Time: Feb 01 02:14:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	170221	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	235115	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83542	46.612	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.220%
35) Dibromofluoromethane	5.385	113	72243	49.484	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.960%
50) Toluene-d8	8.659	98	274700	51.642	ug/l	0.01
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.280%
62) 4-Bromofluorobenzene	11.079	95	90637	45.893	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.780%
Target Compounds						
					Qvalue	
3) Chloromethane	1.355	50	6025	4.051	ug/l #	88
11) Tert butyl alcohol	2.934	59	484	1.555	ug/l #	86
13) Acrolein	2.215	56	1711	5.956	ug/l #	1
14) Allyl chloride	2.745	41	14093	5.395	ug/l #	41
15) Acrylonitrile	3.069	53	433	0.528	ug/l #	15
16) Acetone	2.374	43	28862	33.588	ug/l	96
17) Carbon Disulfide	2.514	76	2700	2.564	ug/l #	84
18) Methyl Acetate	2.703	43	4896	1.957	ug/l #	73
20) Methylene Chloride	2.794	84	5184	0.865	ug/l	92
23) Vinyl Acetate	3.739	43	830	0.210	ug/l #	72
25) 2-Butanone	4.568	43	8260	7.054	ug/l	96
29) Tetrahydrofuran	5.019	42	553	0.749	ug/l #	56
30) Chloroform	5.196	83	5931	2.014	ug/l #	18
31) Cyclohexane	5.477	56	72184	27.370	ug/l	100
36) 1,1-Dichloropropene	5.562	75	9746	4.574	ug/l #	49
37) Ethyl Acetate	4.708	43	20864	7.853	ug/l	99
38) Carbon Tetrachloride	5.562	117	14434	6.541	ug/l #	15
39) Methylcyclohexane	7.385	83	114819	43.636	ug/l	99
40) Benzene	6.098	78	36805566	5926.320	ug/l #	69
41) Methacrylonitrile	5.099	41	997	0.849	ug/l #	51
42) 1,2-Dichloroethane	6.098	62	504850	229.381	ug/l #	73
43) Isopropyl Acetate	6.342	43	84047	24.986	ug/l	98
45) 1,2-Dichloropropane	7.379	63	1463	0.940	ug/l #	1
48) Methyl methacrylate	7.659	41	4847	2.861	ug/l #	73
49) 1,4-Dioxane	7.793	88	86	2.295	ug/l #	1
51) 4-Methyl-2-Pentanone	8.574	43	59391	28.749	ug/l #	52
52) Toluene	8.763	92	23044503	5745.823	ug/l #	71
53) t-1,3-Dichloropropene	8.763	75	398358	190.204	ug/l #	1
54) cis-1,3-Dichloropropene	8.568	75	29619	12.621	ug/l #	80
55) 1,1,2-Trichloroethane	9.013	97	231139	145.594	ug/l #	19
56) Ethyl methacrylate	9.098	69	3306	1.480	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3680	1.430	ug/l #	75
59) 2-Hexanone	9.482	43	47389	32.958	ug/l #	51
64) Tetrachloroethene	9.281	164	29	Below Cal	#	63
65) Chlorobenzene	10.281	112	41054	9.706	ug/l #	50
67) Ethyl Benzene	10.214	91	17121413	2357.683	ug/l #	66

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

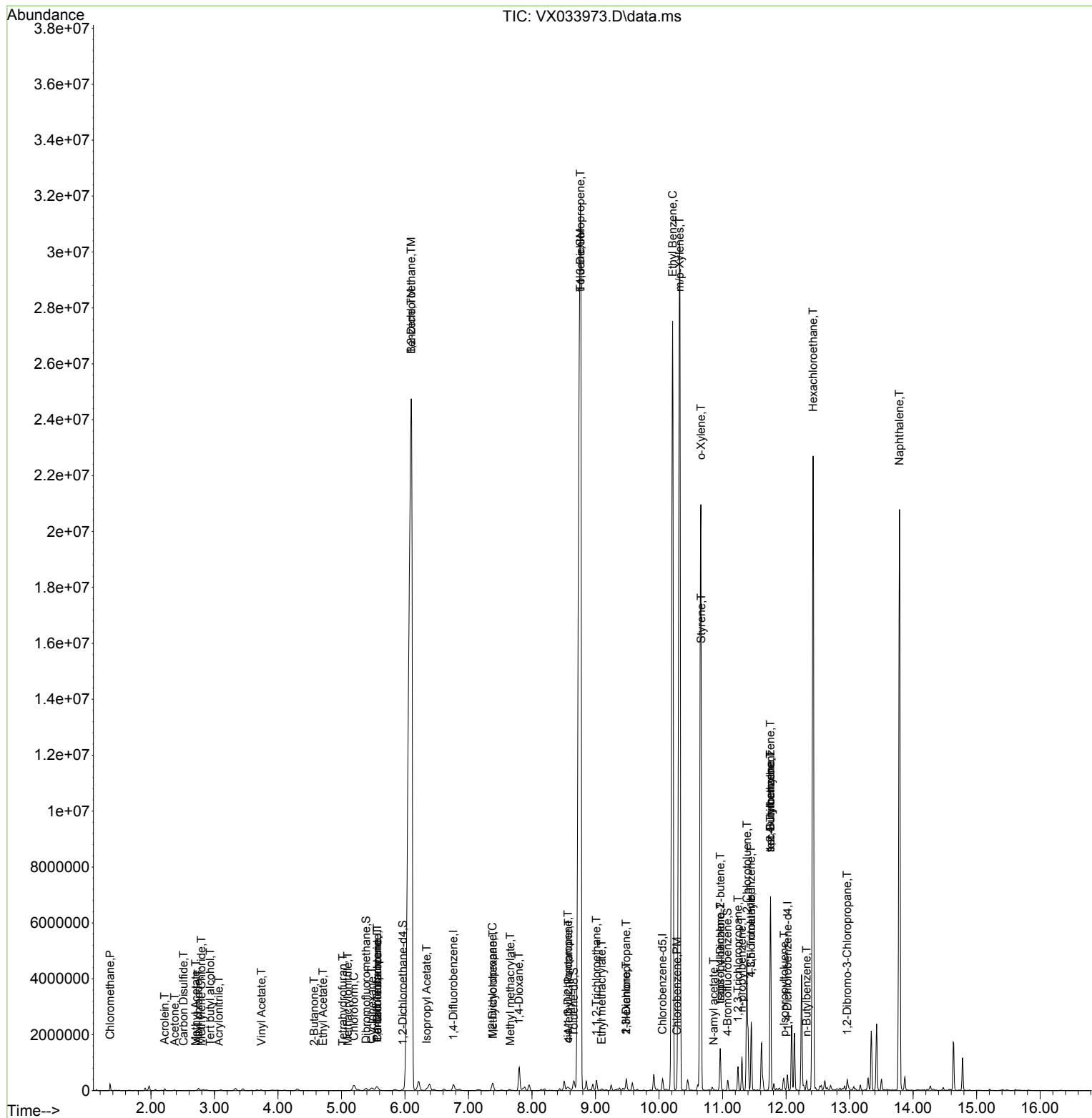
68) m/p-Xylenes	10.323	106	9857583	3470.464	ug/l	78
69) o-Xylene	10.659	106	5552890	1971.297	ug/l	85
70) Styrene	10.665	104	488652	106.666	ug/l #	1
73) Isopropylbenzene	10.963	105	748456	114.622	ug/l	98
74) N-amyl acetate	10.860	43	838	0.312	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.220	83	419	Below Cal	#	26
76) 1,2,3-Trichloropropane	11.244	75	4520	2.409	ug/l #	1
78) n-propylbenzene	11.305	91	725002	86.999	ug/l	99
79) 2-Chlorotoluene	11.384	91	390281	89.017	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	1070838	174.255	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.963	75	8253	13.669	ug/l #	62
82) 4-Chlorotoluene	11.451	91	107672	19.055	ug/l #	43
83) tert-Butylbenzene	11.756	119	398338	65.283	ug/l #	56
84) 1,2,4-Trimethylbenzene	11.756	105	2976211	511.989	ug/l	97
85) sec-Butylbenzene	11.756	105	2976211	407.806	ug/l #	54
86) p-Isopropyltoluene	11.969	119	106544	17.052	ug/l	96
89) n-Butylbenzene	12.323	91	38558	7.543	ug/l #	1
90) Hexachloroethane	12.427	117	1302542	1267.305	ug/l #	4
92) 1,2-Dibromo-3-Chloropr...	12.963	75	2607	6.256	ug/l #	1
95) Naphthalene	13.786	128	12499262	1936.953	ug/l #	86

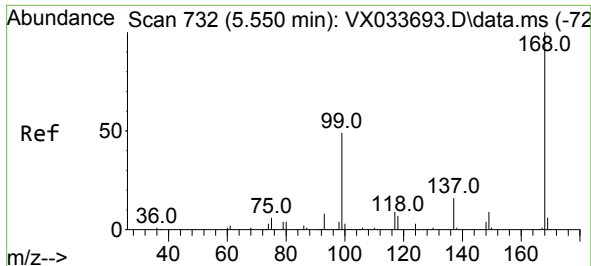
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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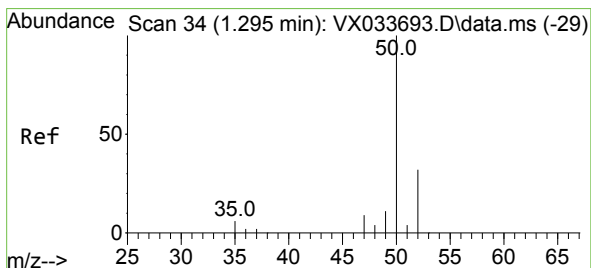
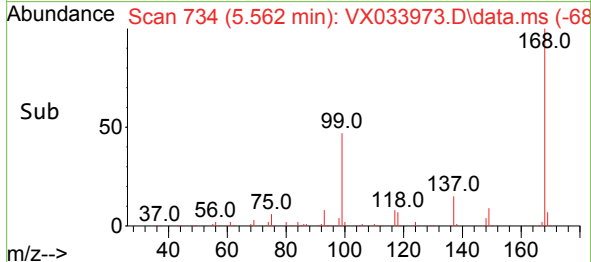
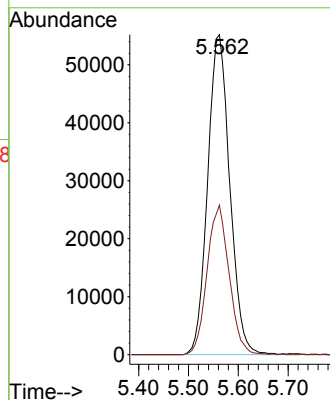
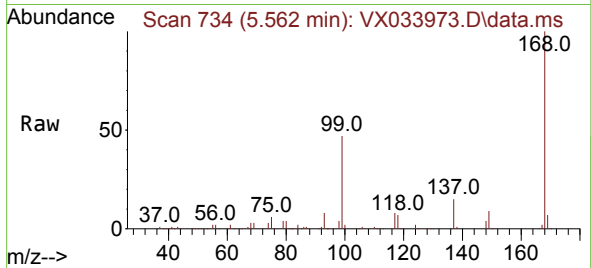




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.012 min
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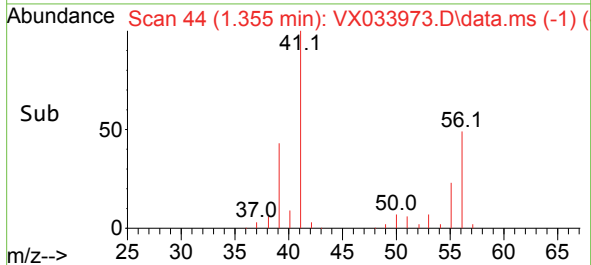
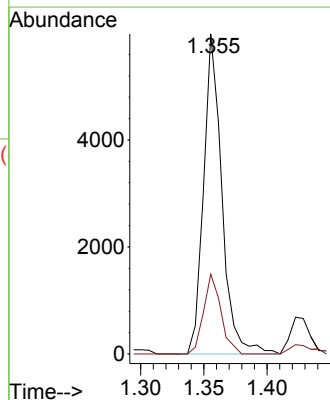
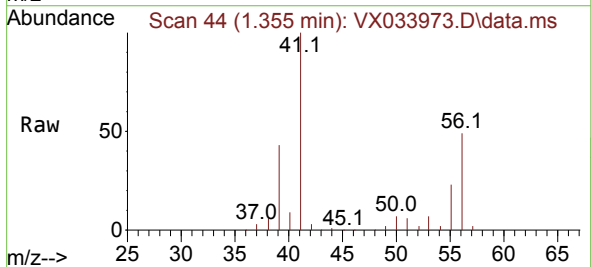
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ClientSampleId :
20230113-H4-STOCKPILE

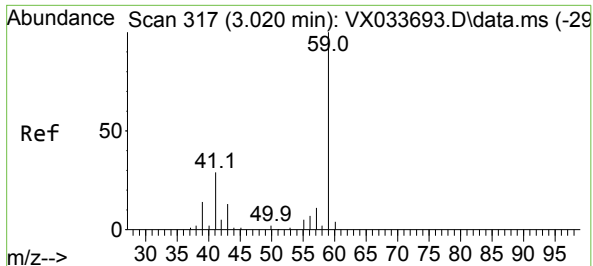
Tgt Ion:168 Resp: 170221
Ion Ratio Lower Upper
168 100
99 46.8 39.6 59.4



#3
Chloromethane
Concen: 4.051 ug/l
RT: 1.355 min Scan# 44
Delta R.T. 0.060 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Tgt Ion: 50 Resp: 6025
Ion Ratio Lower Upper
50 100
52 25.0 25.2 37.8#





#11

Tert butyl alcohol

Concen: 1.555 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.085 min

Lab File: VX033973.D

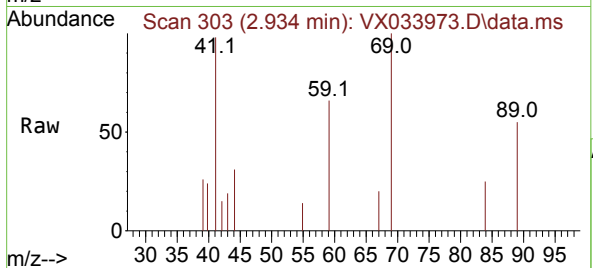
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Instrument :

MSVOA_X

ClientSampleId :

20230113-H4-STOCKPILE

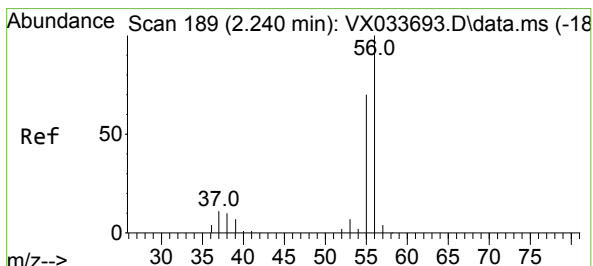
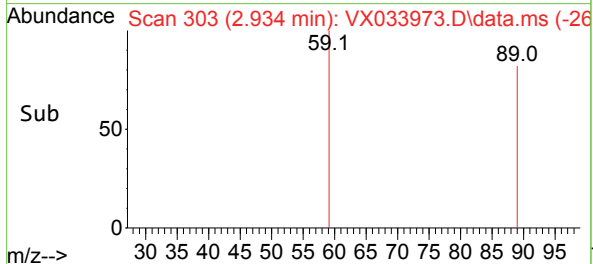
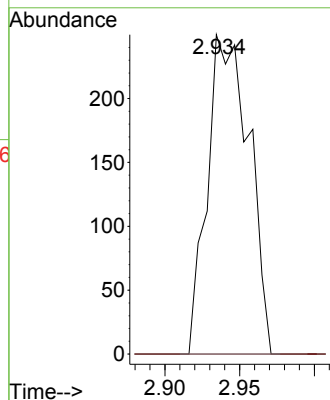


Tgt Ion: 59 Resp: 484

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#13

Acrolein

Concen: 5.956 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.024 min

Lab File: VX033973.D

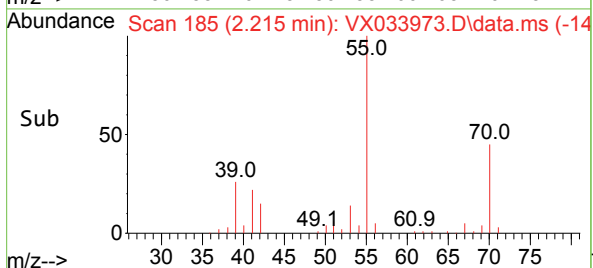
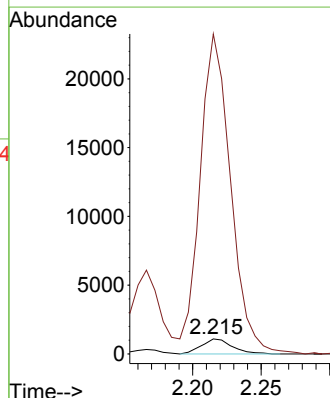
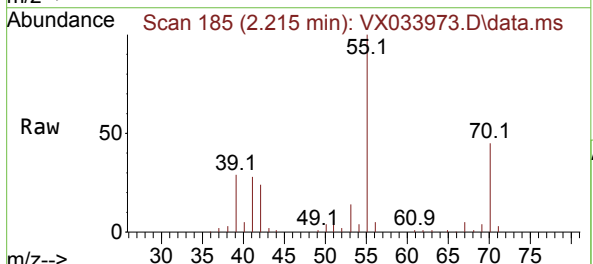
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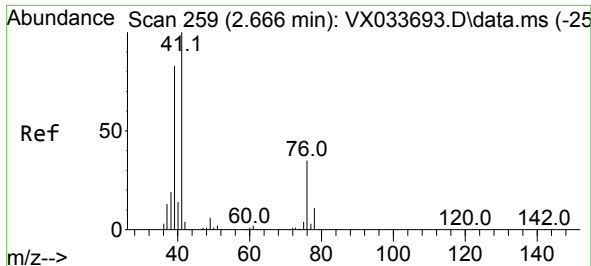
Tgt Ion: 56 Resp: 1711

Ion Ratio Lower Upper

56 100

55 2105.0 56.3 84.5#

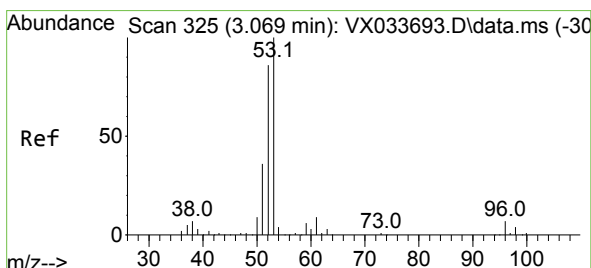
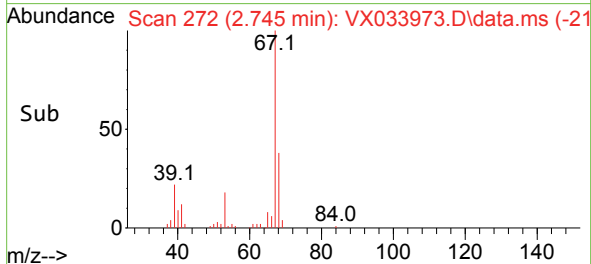
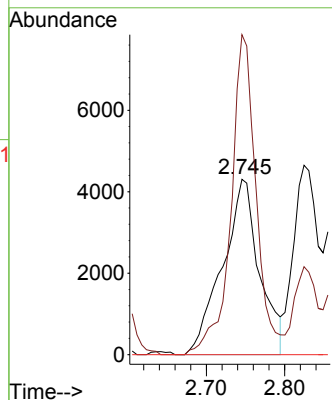
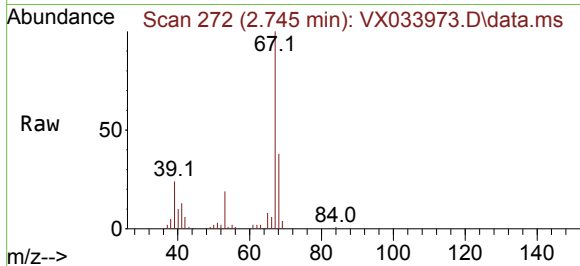




#14
 Allyl chloride
 Concen: 5.395 ug/l
 RT: 2.745 min Scan# 21
 Delta R.T. 0.079 min
 Lab File: VX033973.D
 Acq: 31 Jan 2023 15:51

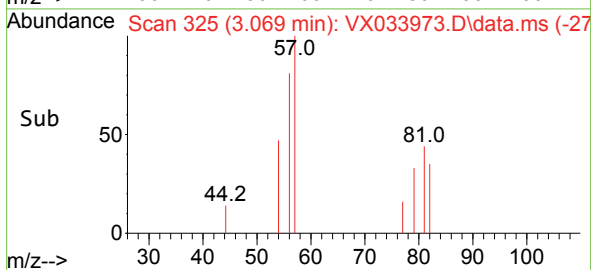
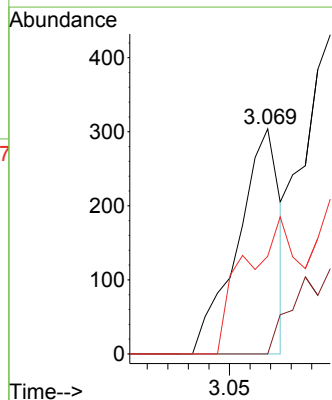
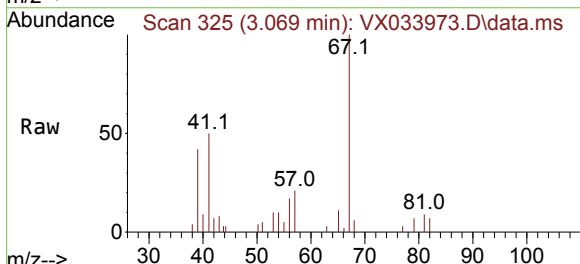
Instrument :
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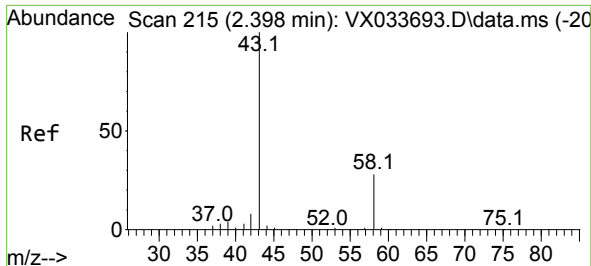
Tgt Ion: 41 Resp: 14093
 Ion Ratio Lower Upper
 41 100
 39 124.9 59.0 88.4#
 76 0.0 24.6 37.0#



#15
 Acrylonitrile
 Concen: 0.528 ug/l
 RT: 3.069 min Scan# 325
 Delta R.T. -0.000 min
 Lab File: VX033973.D
 Acq: 31 Jan 2023 15:51

Tgt Ion: 53 Resp: 433
 Ion Ratio Lower Upper
 53 100
 52 0.0 65.7 98.5#
 51 77.4 29.0 43.4#

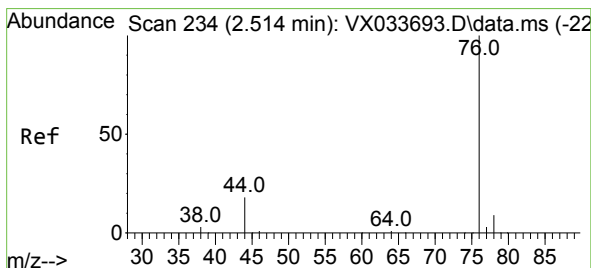
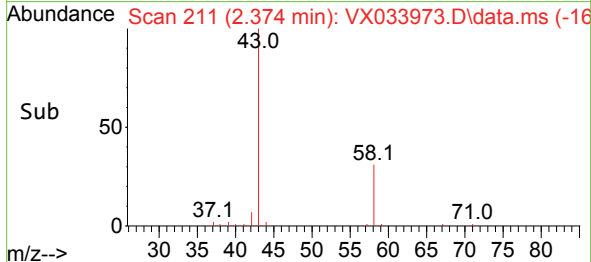
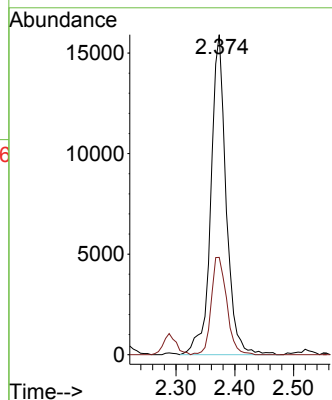
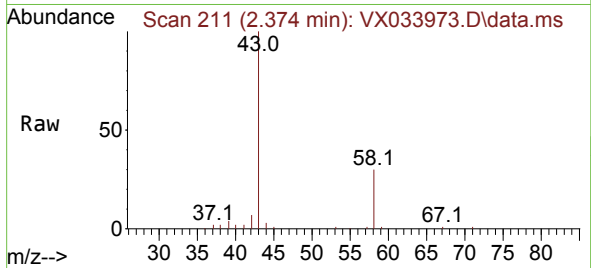




#16
Acetone
Concen: 33.588 ug/l
RT: 2.374 min Scan# 215
Delta R.T. -0.024 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

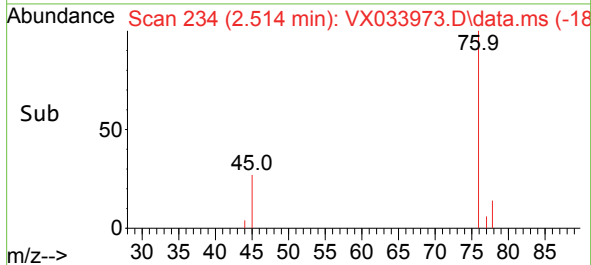
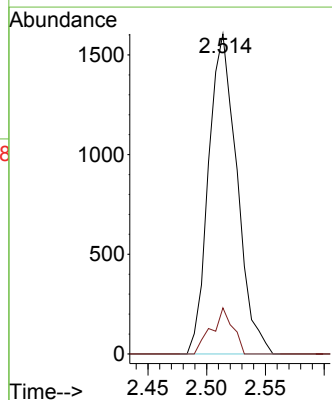
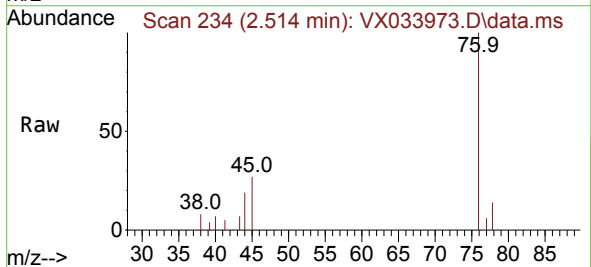
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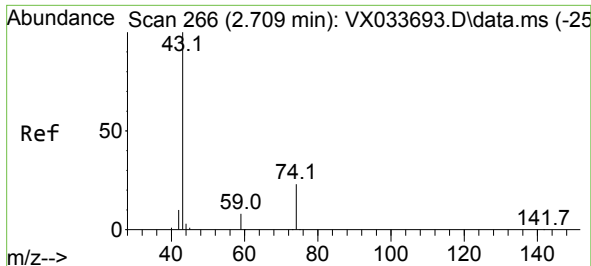
Tgt Ion: 43 Resp: 28862
Ion Ratio Lower Upper
43 100
58 30.4 22.6 33.8



#17
Carbon Disulfide
Concen: 2.564 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Tgt Ion: 76 Resp: 2700
Ion Ratio Lower Upper
76 100
78 14.4 7.0 10.6#

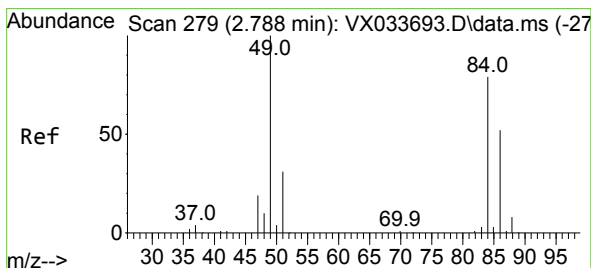
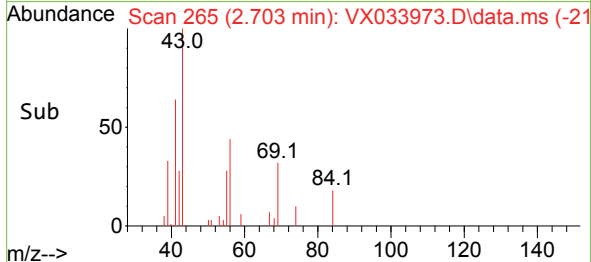
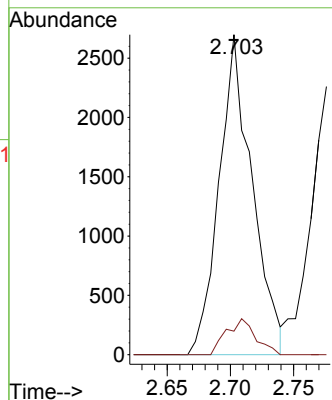
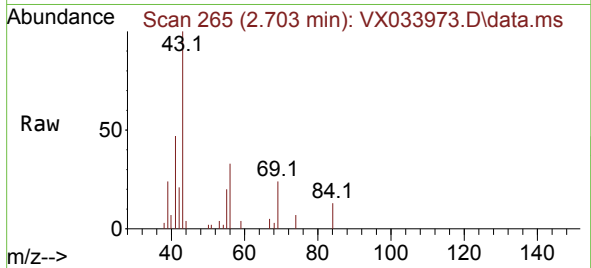




#18
Methyl Acetate
Concen: 1.957 ug/l
RT: 2.703 min Scan# 218
Delta R.T. -0.006 min
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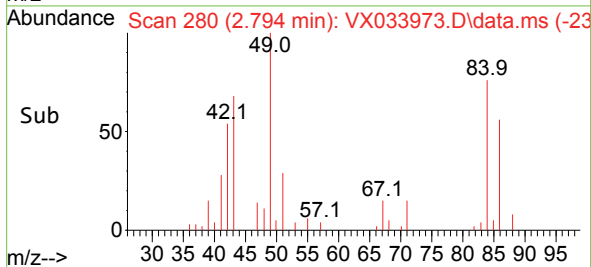
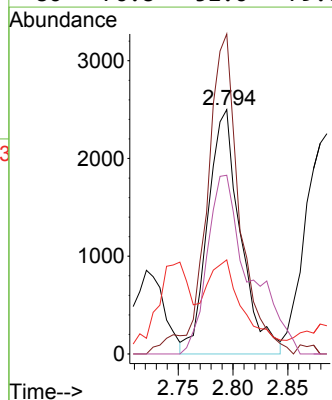
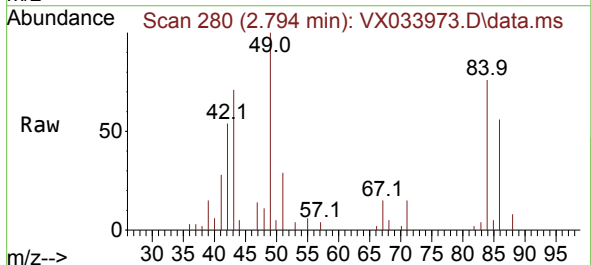
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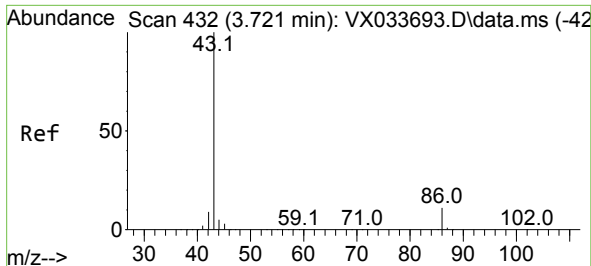
Tgt Ion: 43 Resp: 4896
Ion Ratio Lower Upper
43 100
74 9.9 18.2 27.4#



#20
Methylene Chloride
Concen: 0.865 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Tgt Ion: 84 Resp: 5184
Ion Ratio Lower Upper
84 100
49 133.0 101.1 151.7
51 34.4 31.0 46.6
86 76.8 52.6 79.0

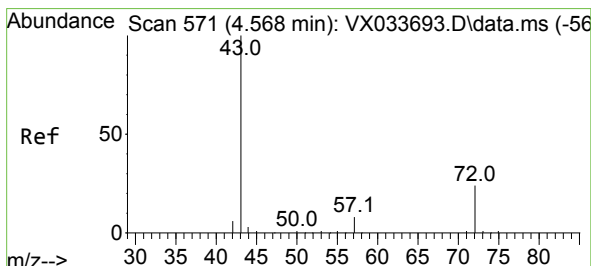
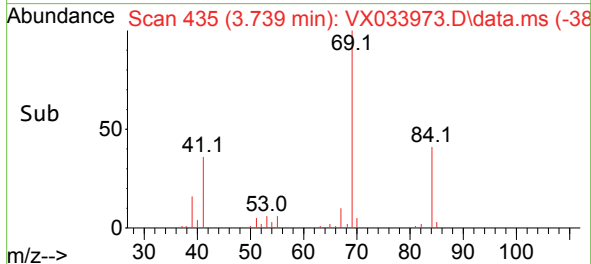
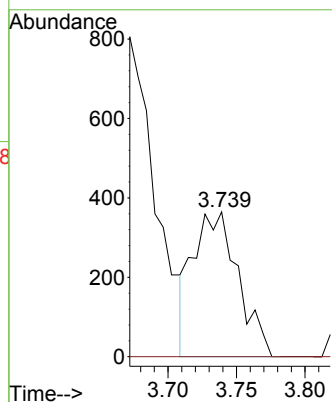
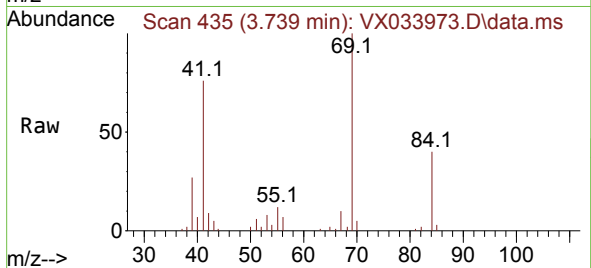




#23
 Vinyl Acetate
 Concen: 0.210 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: VX033973.D
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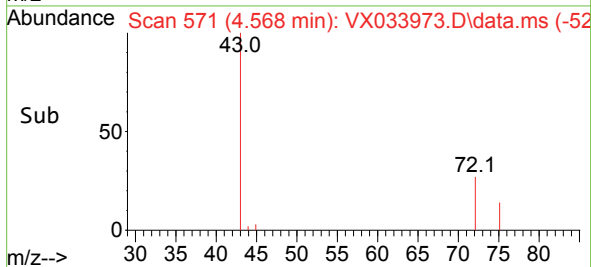
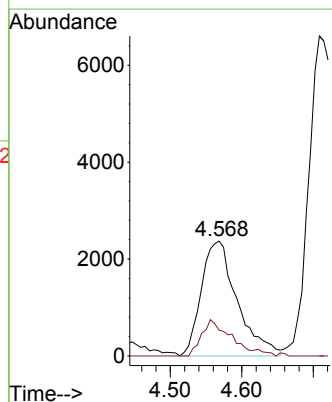
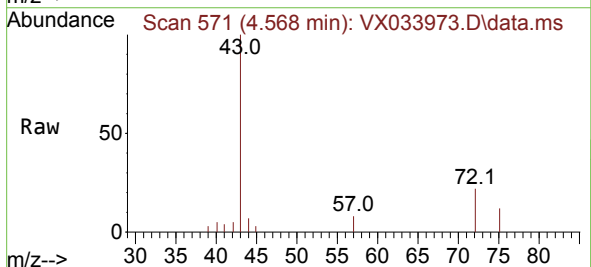
Instrument :
 MSVOA_X
 ClientSampleId :
 20230113-H4-STOCKPILE

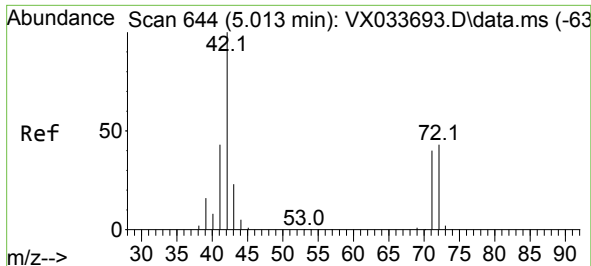
Tgt Ion: 43 Resp: 830
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.4 12.6#



#25
 2-Butanone
 Concen: 7.054 ug/l
 RT: 4.568 min Scan# 571
 Delta R.T. -0.000 min
 Lab File: VX033973.D
 Acq: 31 Jan 2023 15:51

Tgt Ion: 43 Resp: 8260
 Ion Ratio Lower Upper
 43 100
 72 22.4 19.4 29.2





#29

Tetrahydrofuran

Concen: 0.749 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX033973.D

Acq: 31 Jan 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

20230113-H4-STOCKPILE

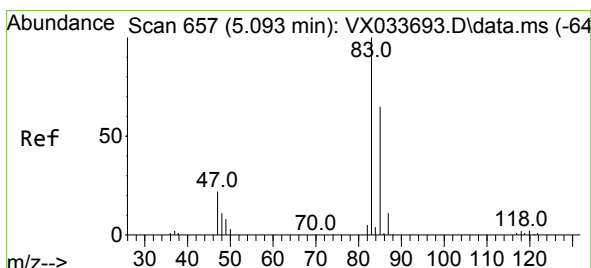
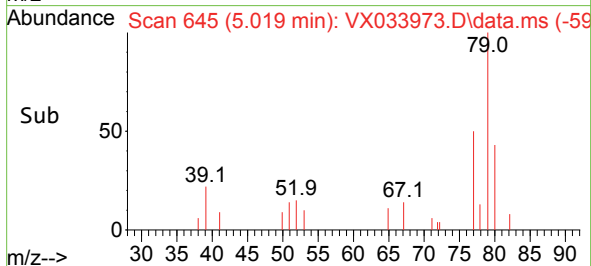
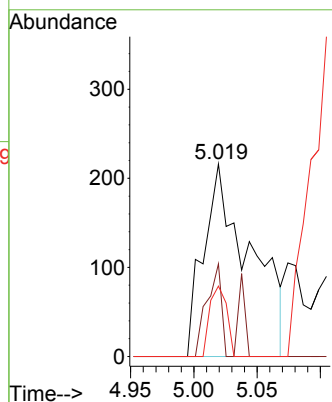
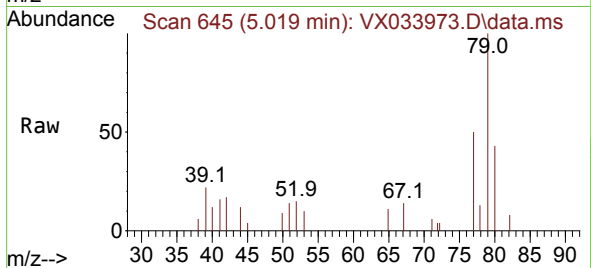
Tgt Ion: 42 Resp: 553

Ion Ratio Lower Upper

42 100

72 15.0 34.8 52.2#

71 13.4 32.2 48.2#



#30

Chloroform

Concen: 2.014 ug/l

RT: 5.196 min Scan# 674

Delta R.T. 0.104 min

Lab File: VX033973.D

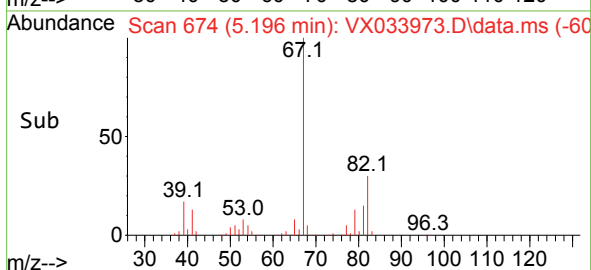
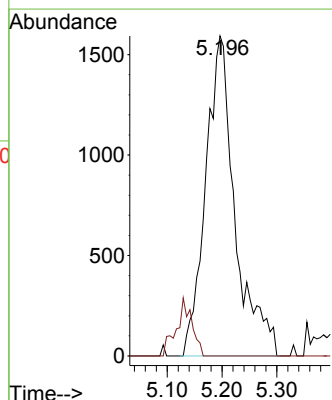
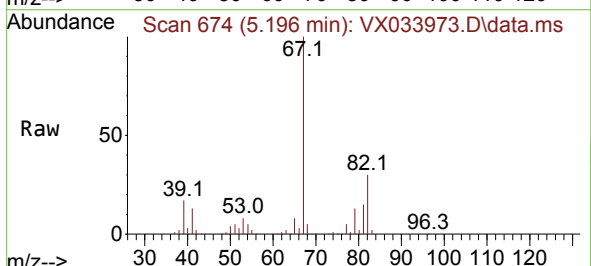
Acq: 31 Jan 2023 15:51

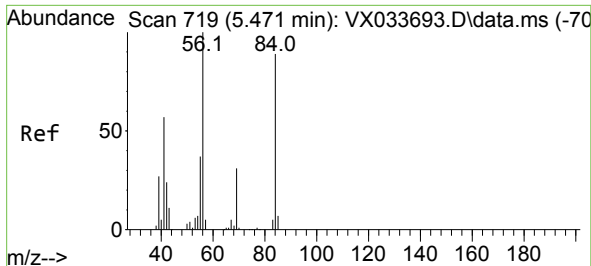
Tgt Ion: 83 Resp: 5931

Ion Ratio Lower Upper

83 100

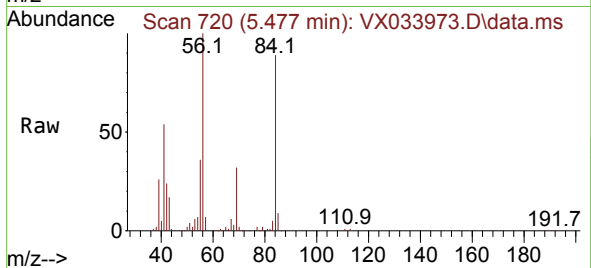
85 0.0 52.1 78.1#





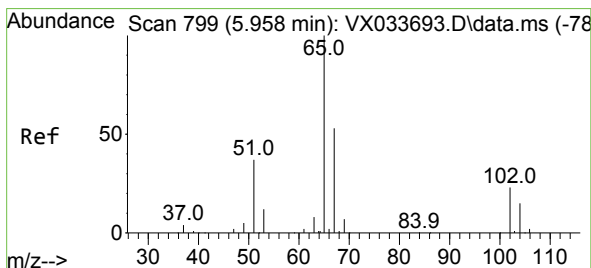
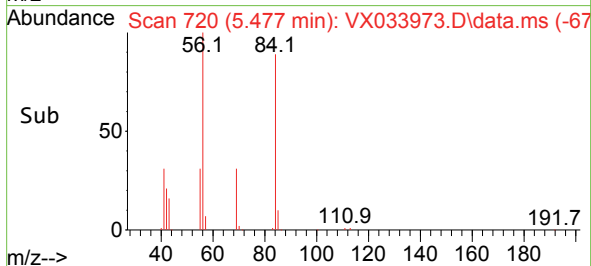
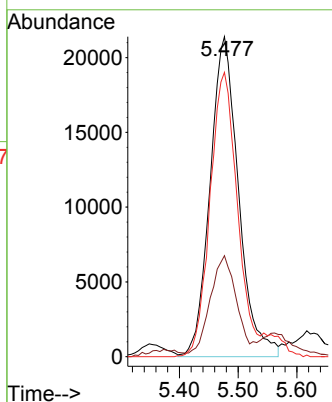
#31
Cyclohexane
Concen: 27.370 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE



Tgt Ion: 56 Resp: 72184

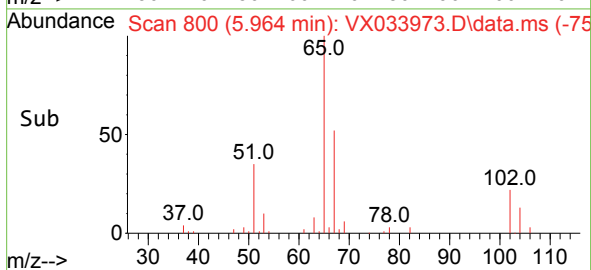
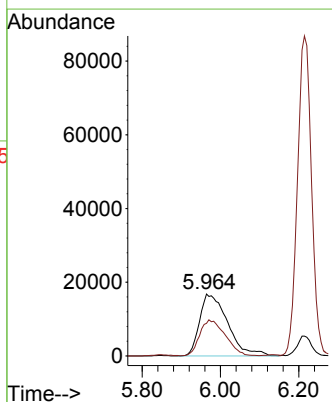
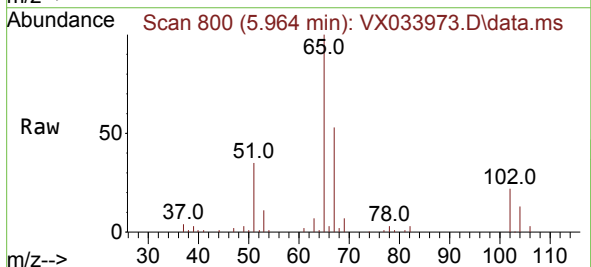
Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.6	37.0
84	89.1	71.0	106.6

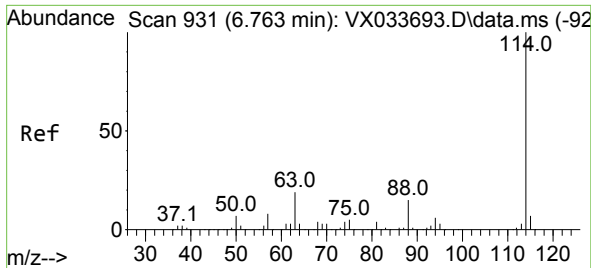


#33
1,2-Dichloroethane-d4
Concen: 46.612 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Tgt Ion: 65 Resp: 83542

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.8

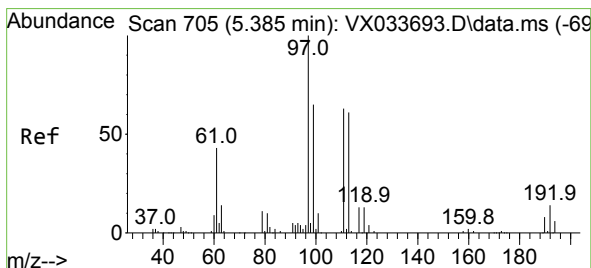
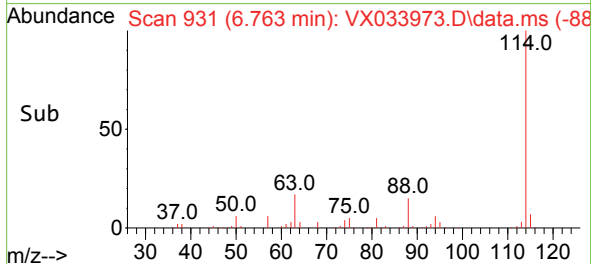
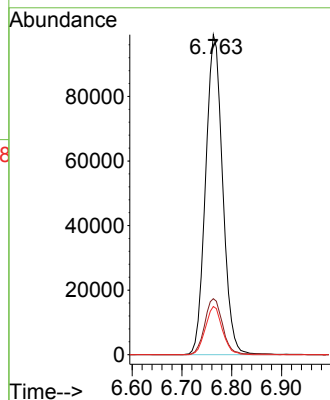
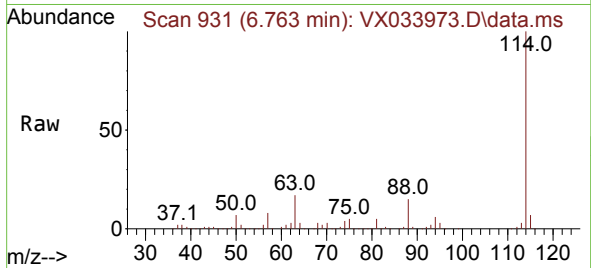




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

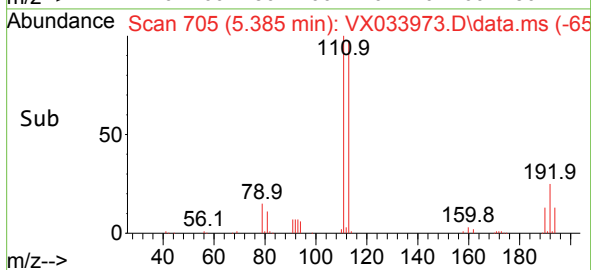
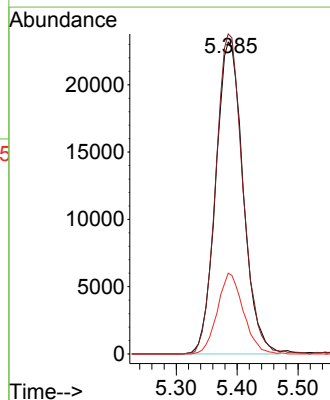
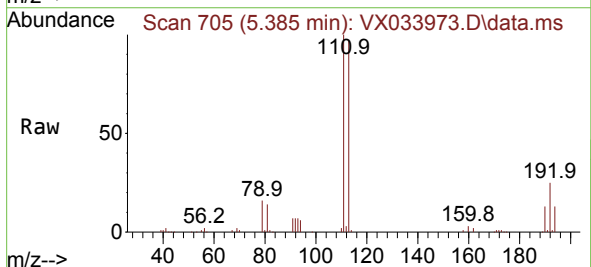
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

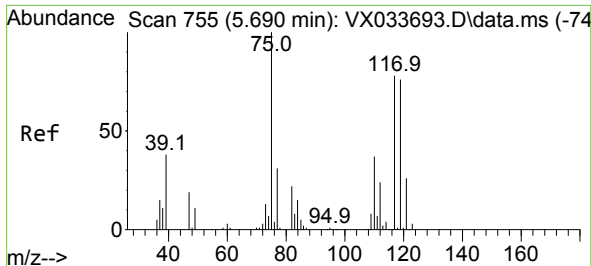
Tgt Ion:114 Resp: 235115
Ion Ratio Lower Upper
114 100
63 17.5 0.0 37.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.484 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

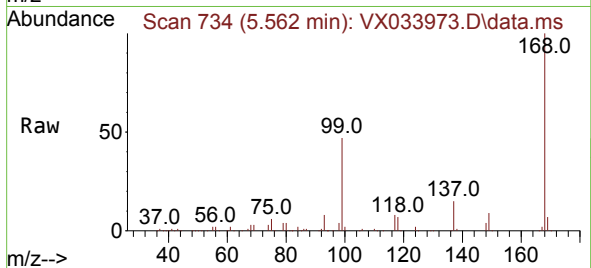
Tgt Ion:113 Resp: 72243
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.6
192 24.5 19.0 28.4



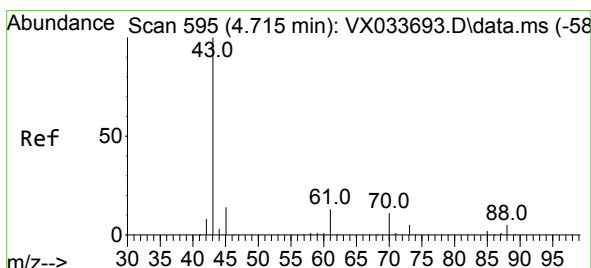
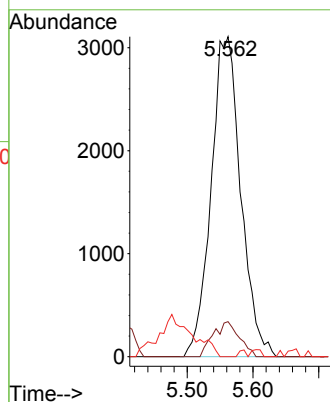
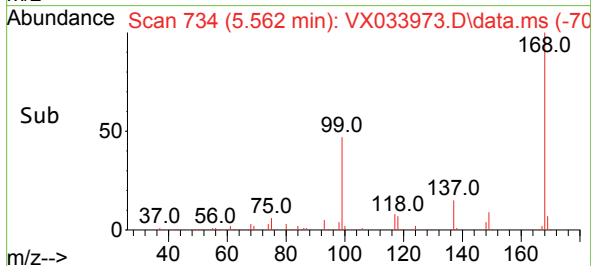


#36
1,1-Dichloropropene
Concen: 4.574 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

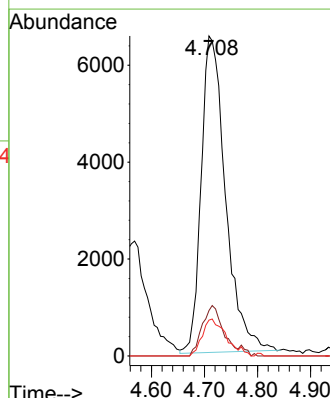
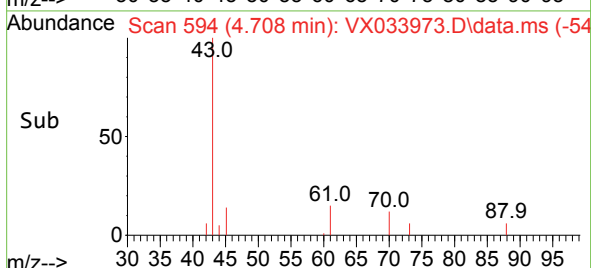
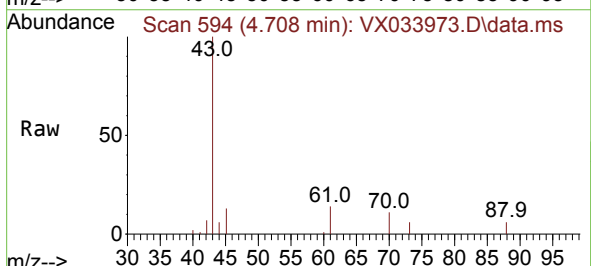


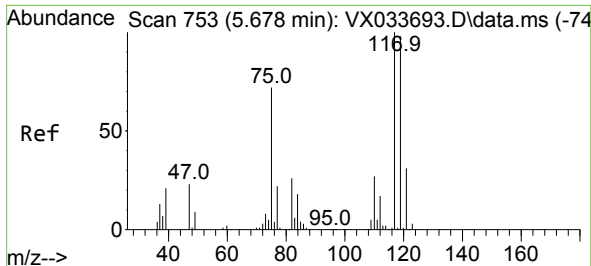
Tgt Ion: 75 Resp: 9746
Ion Ratio Lower Upper
75 100
110 9.7 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 7.853 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

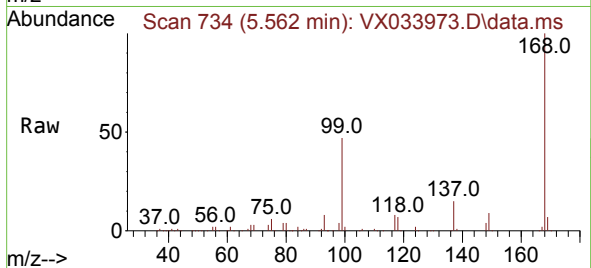
Tgt Ion: 43 Resp: 20864
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 11.5 8.5 12.7



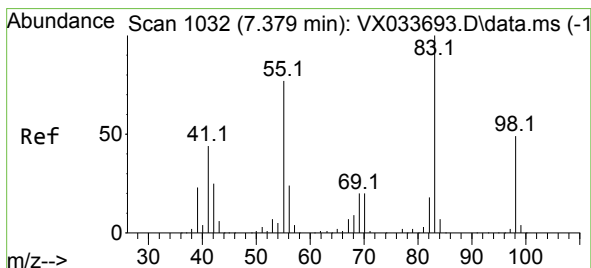
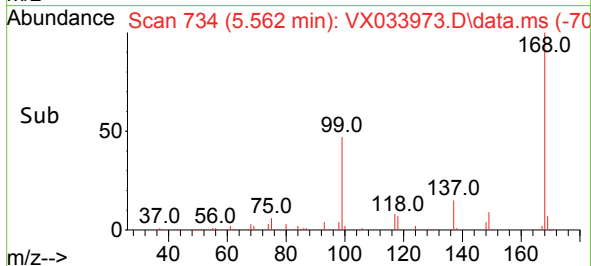
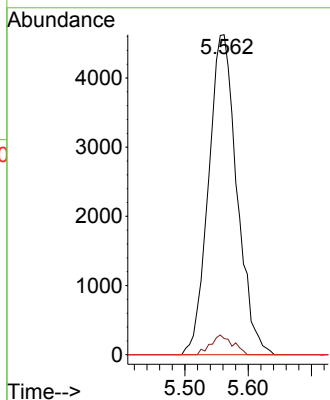


#38
Carbon Tetrachloride
Concen: 6.541 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

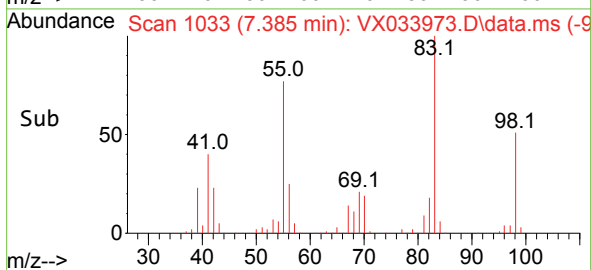
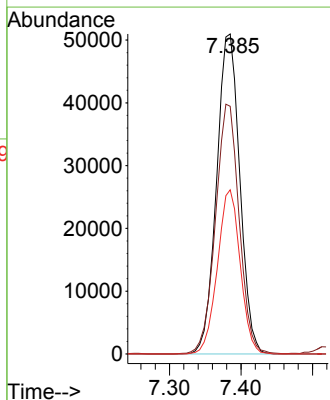
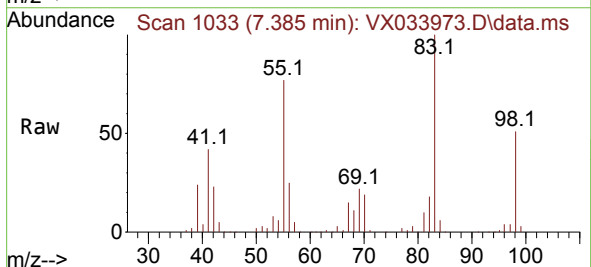


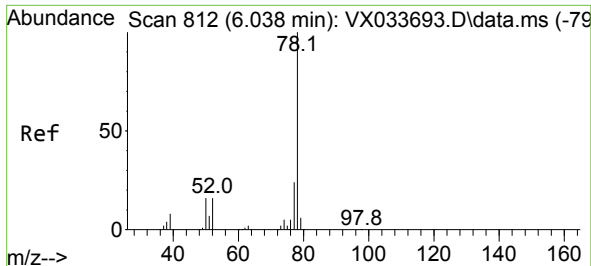
Tgt Ion:117 Resp: 14434
Ion Ratio Lower Upper
117 100
119 5.0 78.0 117.0#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 43.636 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Tgt Ion: 83 Resp: 114819
Ion Ratio Lower Upper
83 100
55 77.3 61.8 92.6
98 51.3 39.3 58.9





#40

Benzene

Concen: 5926.320 ug/l

RT: 6.098 min Scan# 81

Delta R.T. 0.061 min

Lab File: VX033973.D

Acq: 31 Jan 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

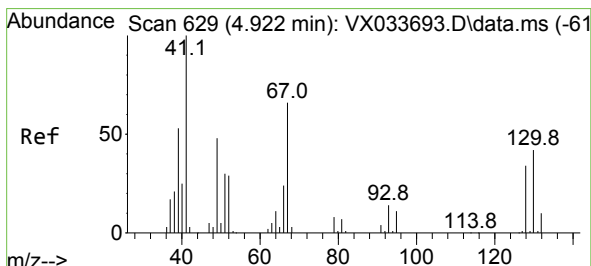
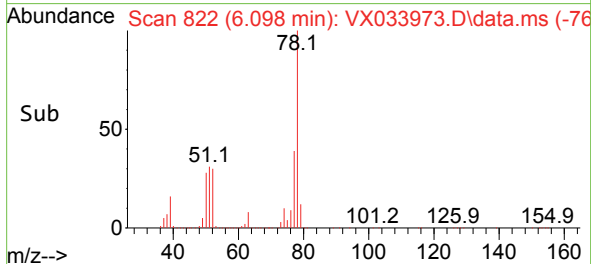
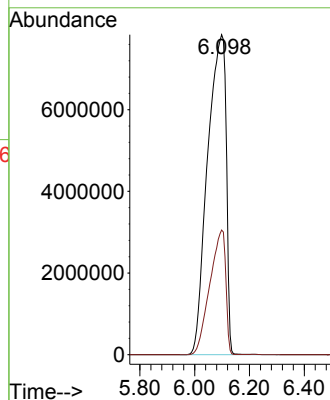
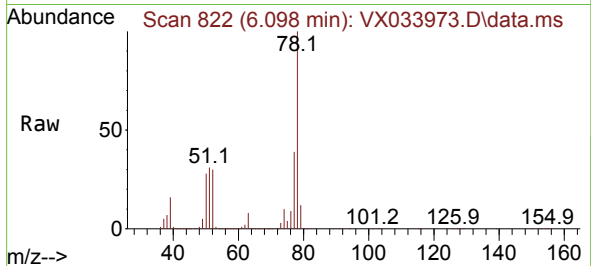
20230113-H4-STOCKPILE

Tgt Ion: 78 Resp:36805566

Ion Ratio Lower Upper

78 100

77 39.0 19.0 28.4#



#41

Methacrylonitrile

Concen: 0.849 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.177 min

Lab File: VX033973.D

Acq: 31 Jan 2023 15:51

Tgt Ion: 41 Resp: 997

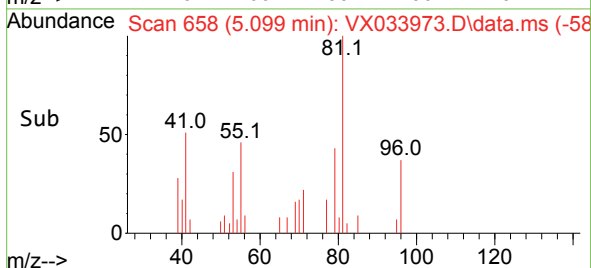
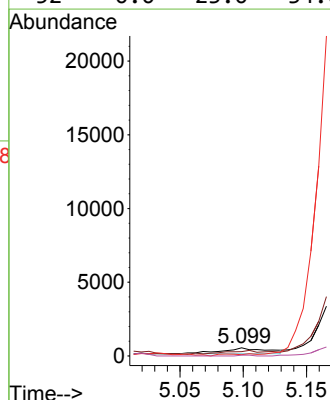
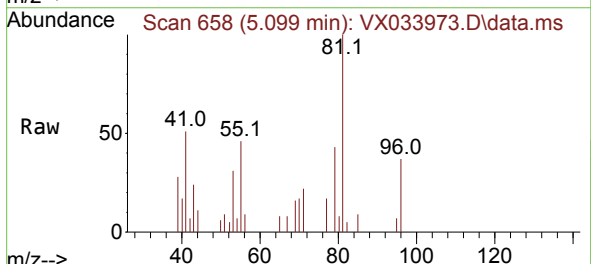
Ion Ratio Lower Upper

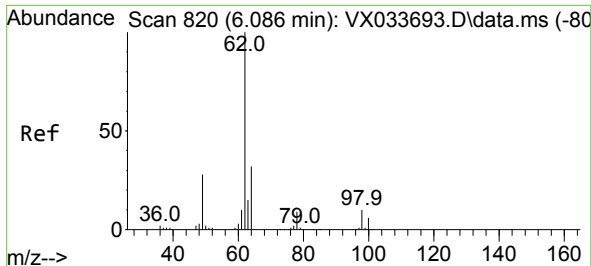
41 100

39 53.7 43.8 65.6

67 0.0 54.8 82.2#

52 0.0 23.0 34.6#





#42

1,2-Dichloroethane

Concen: 229.381 ug/l

RT: 6.098 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX033973.D

Acq: 31 Jan 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

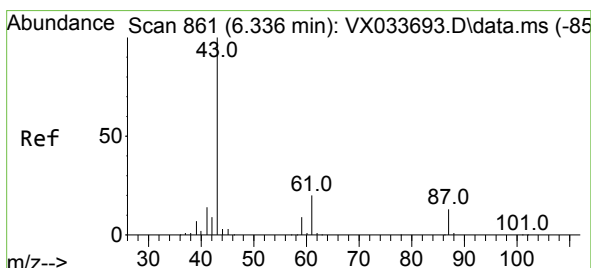
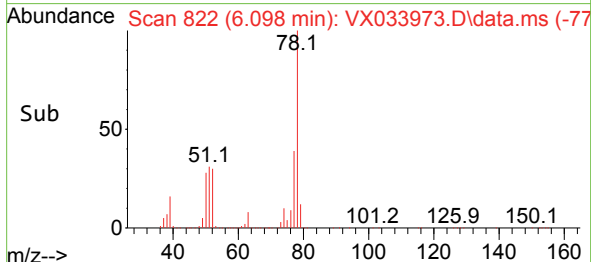
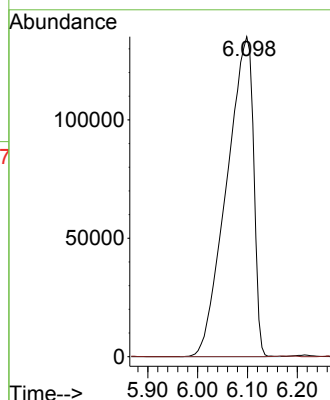
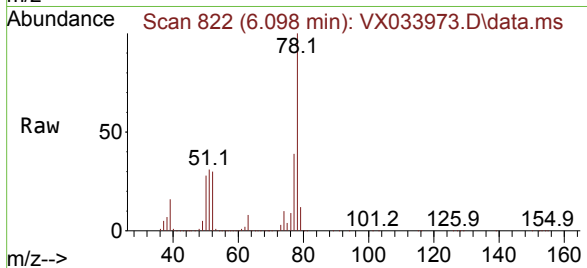
20230113-H4-STOCKPILE

Tgt Ion: 62 Resp: 504850

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#43

Isopropyl Acetate

Concen: 24.986 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX033973.D

Acq: 31 Jan 2023 15:51

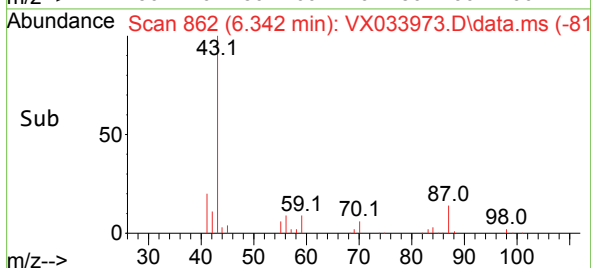
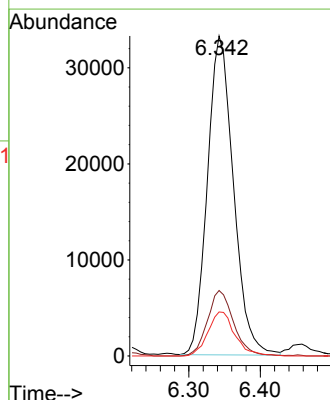
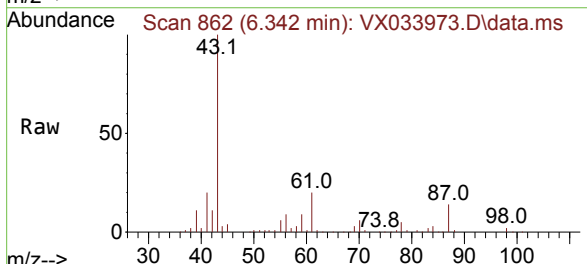
Tgt Ion: 43 Resp: 84047

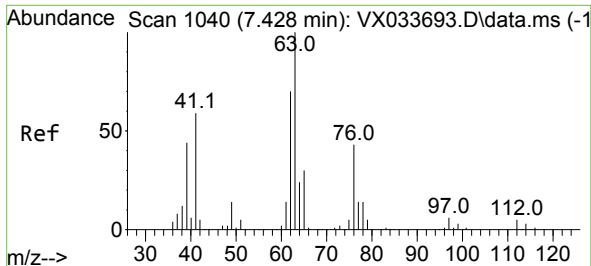
Ion Ratio Lower Upper

43 100

61 20.6 15.7 23.5

87 14.3 10.6 15.8

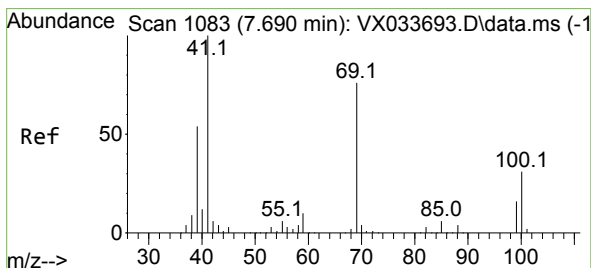
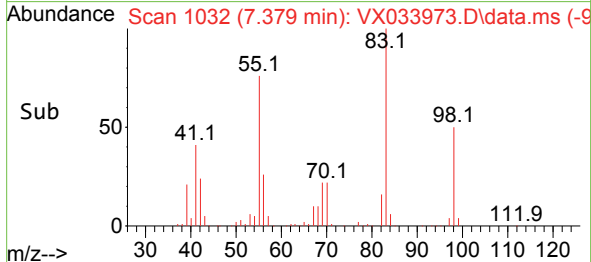
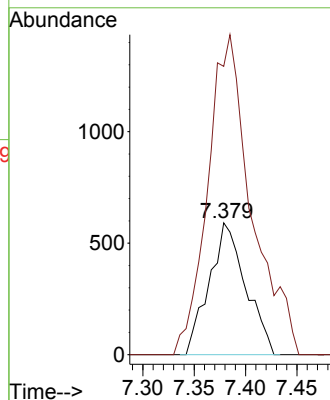
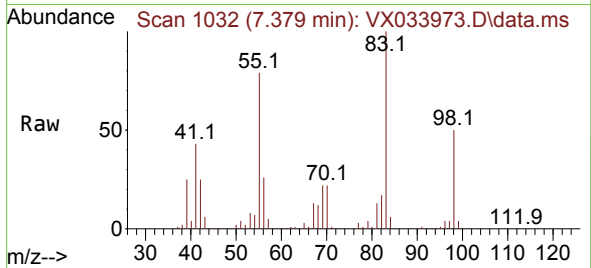




#45
1,2-Dichloropropane
Concen: 0.940 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.049 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

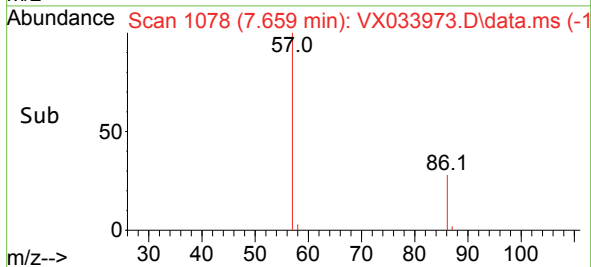
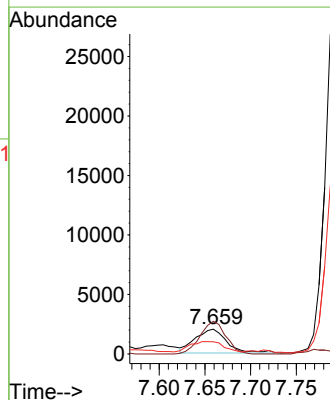
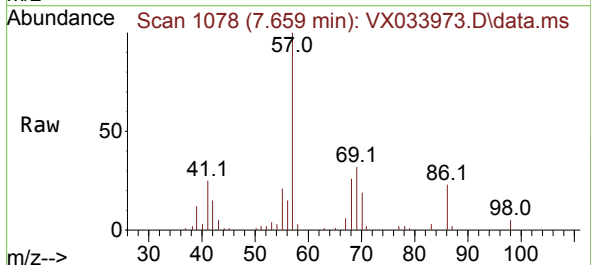
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

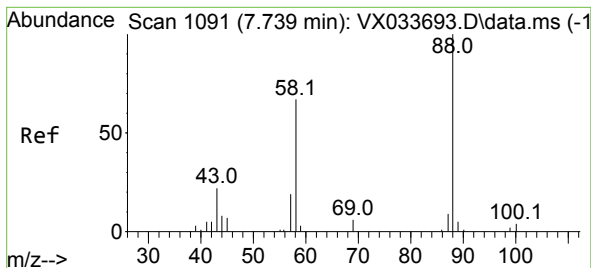
Tgt Ion: 63 Resp: 1463
Ion Ratio Lower Upper
63 100
65 203.7 24.2 36.2#



#48
Methyl methacrylate
Concen: 2.861 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.031 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Tgt Ion: 41 Resp: 4847
Ion Ratio Lower Upper
41 100
69 110.4 63.1 94.7#
39 44.9 43.2 64.8





#49

1,4-Dioxane

Concen: 2.295 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.055 min

Lab File: VX033973.D

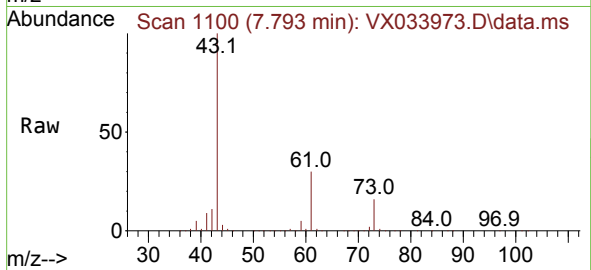
Acq: 31 Jan 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

20230113-H4-STOCKPILE



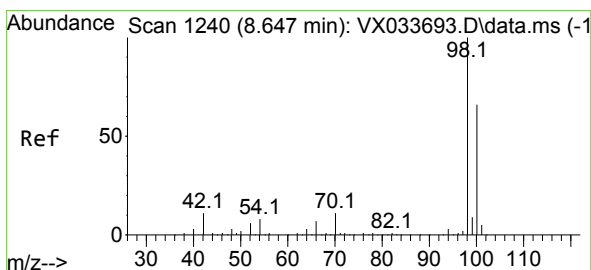
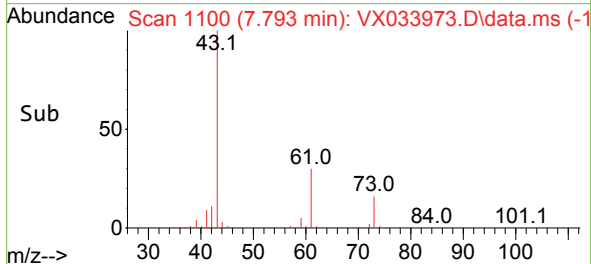
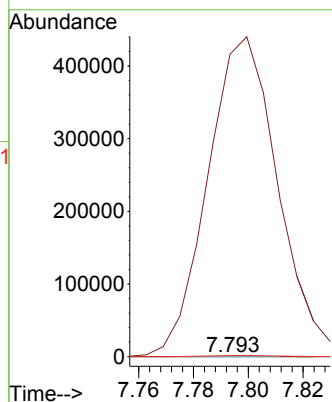
Tgt Ion: 88 Resp: 86

Ion Ratio Lower Upper

88 100

43 923808.1 0.0 0.0#

58 3730.2 56.5 84.7#



#50

Toluene-d8

Concen: 51.642 ug/l

RT: 8.659 min Scan# 1242

Delta R.T. 0.012 min

Lab File: VX033973.D

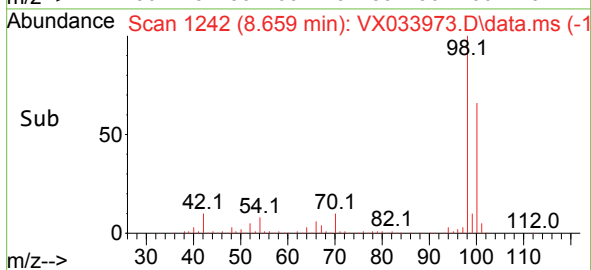
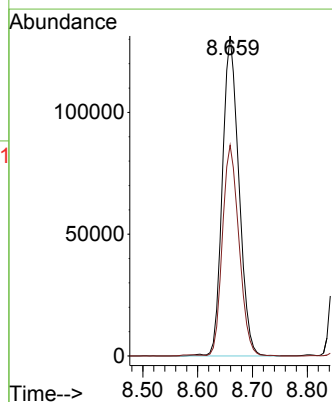
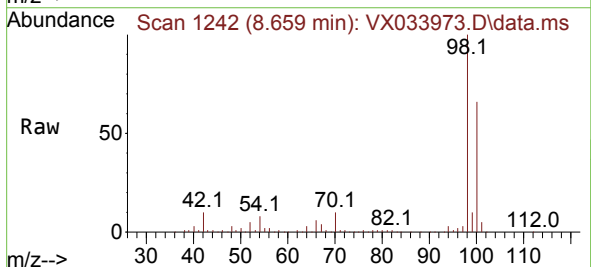
Acq: 31 Jan 2023 15:51

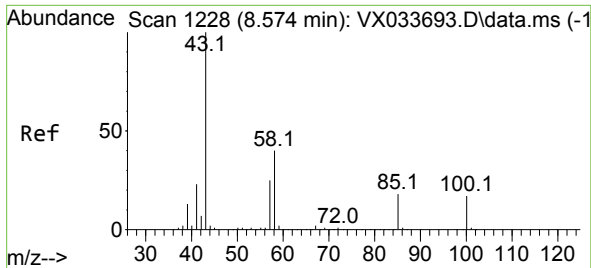
Tgt Ion: 98 Resp: 274700

Ion Ratio Lower Upper

98 100

100 66.2 53.6 80.4

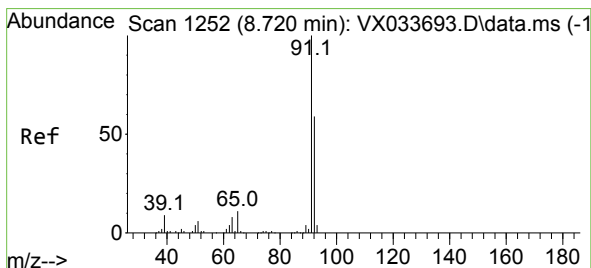
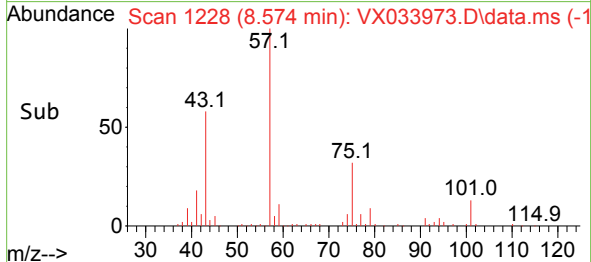
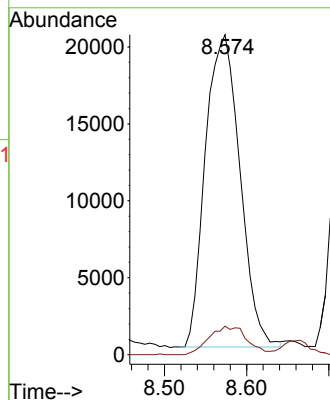
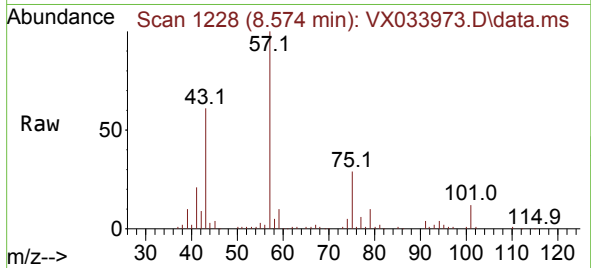




#51
4-Methyl-2-Pentanone
Concen: 28.749 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

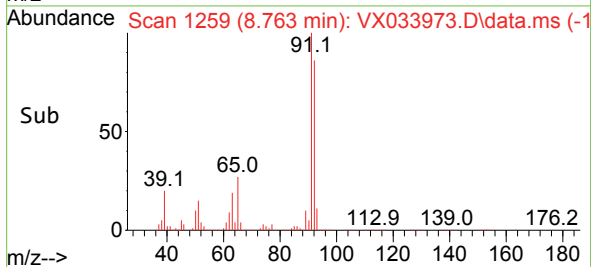
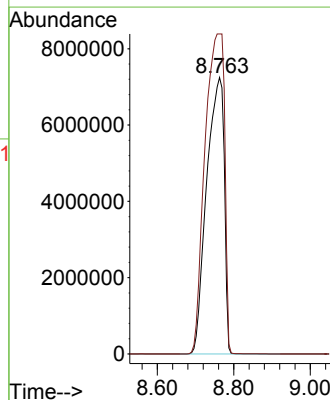
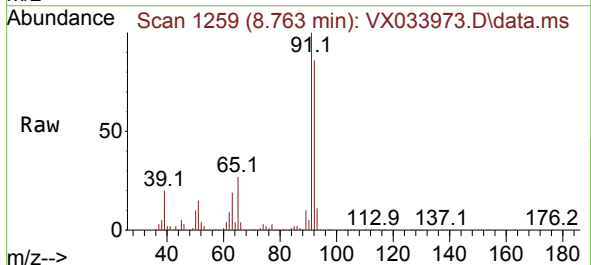
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

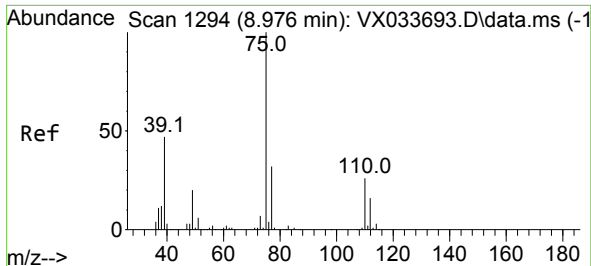
Tgt Ion: 43 Resp: 59391
Ion Ratio Lower Upper
43 100
58 10.0 31.2 46.8#



#52
Toluene
Concen: 5745.823 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.043 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Tgt Ion: 92 Resp: 23044503
Ion Ratio Lower Upper
92 100
91 129.8 135.5 203.3#

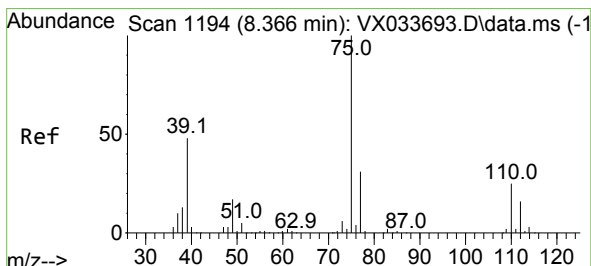
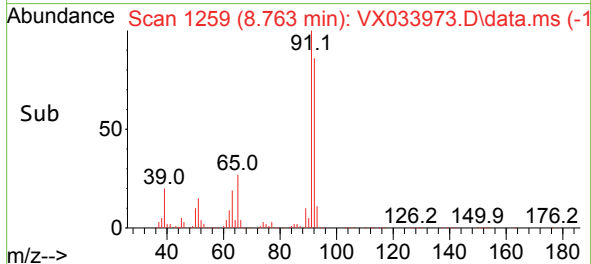
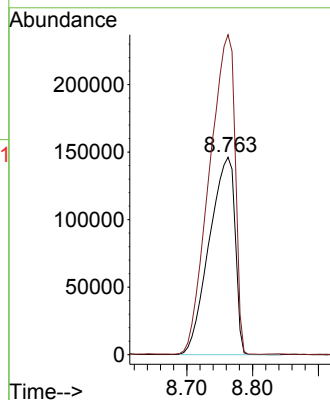
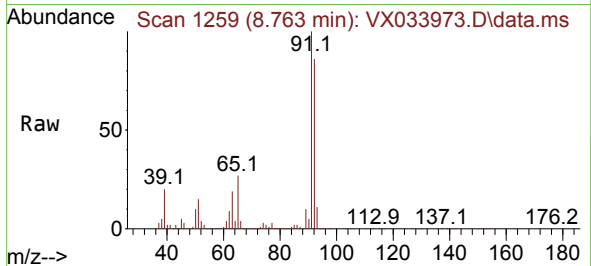




#53
t-1,3-Dichloropropene
Concen: 190.204 ug/l
RT: 8.763 min Scan# 11
Delta R.T. -0.213 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

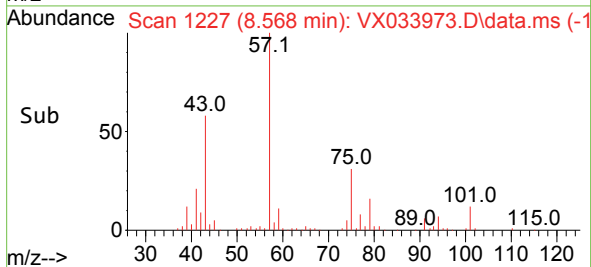
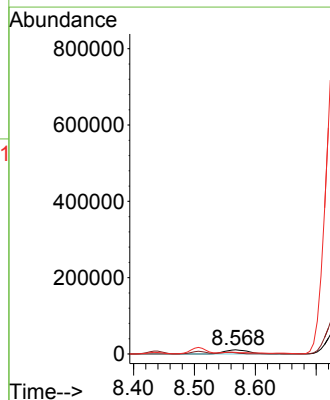
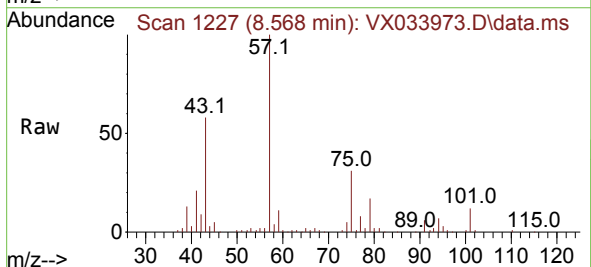
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

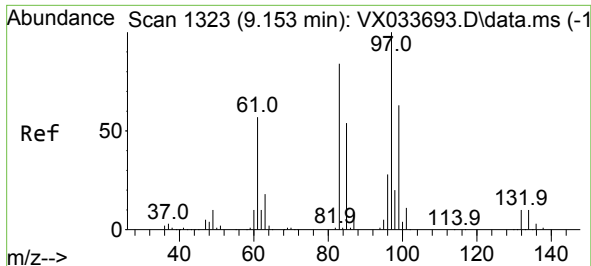
Tgt Ion: 75 Resp: 398358
Ion Ratio Lower Upper
75 100
77 161.6 25.5 38.3#



#54
cis-1,3-Dichloropropene
Concen: 12.621 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.201 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Tgt Ion: 75 Resp: 29619
Ion Ratio Lower Upper
75 100
77 23.4 25.0 37.6#
39 32.4 38.6 58.0#

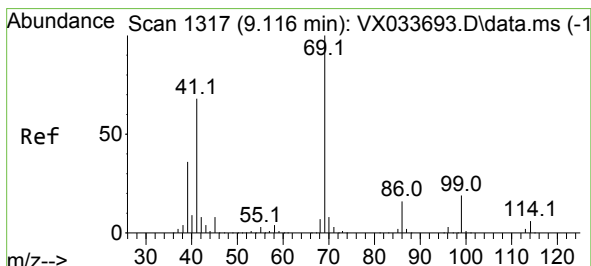
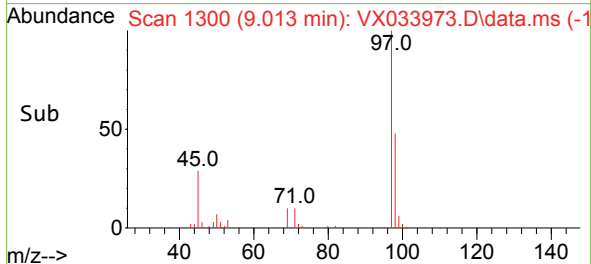
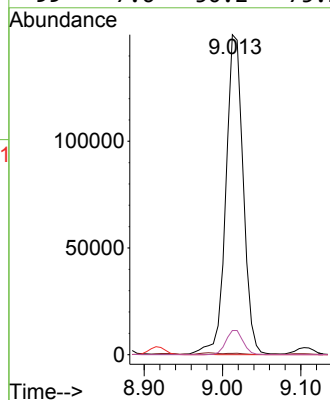
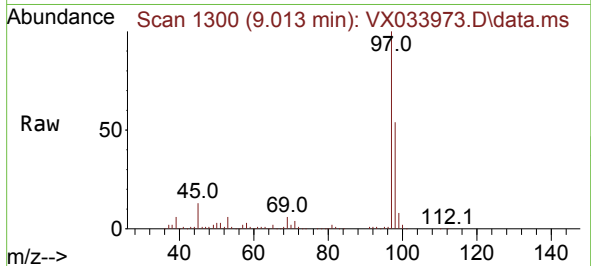




#55
1,1,2-Trichloroethane
Concen: 145.594 ug/l
RT: 9.013 min Scan# 1314
Delta R.T. -0.140 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

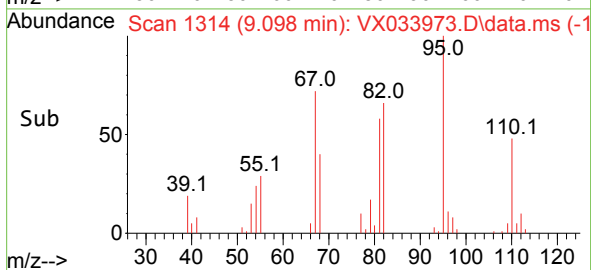
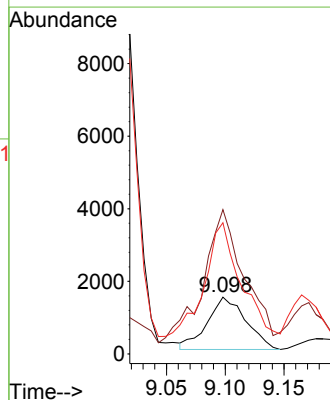
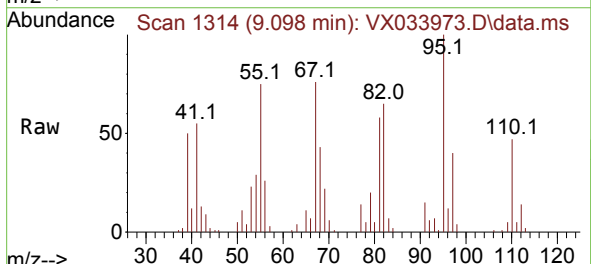
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

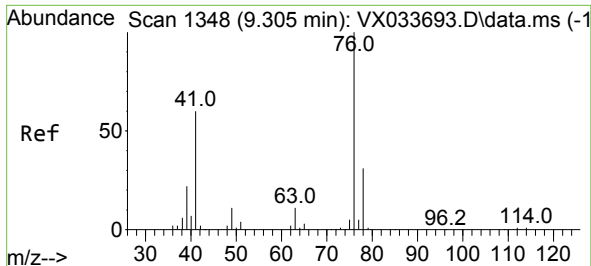
Tgt Ion:	97	Resp:	231139
Ion	Ratio	Lower	Upper
97	100		
83	0.3	67.4	101.0#
85	0.0	43.2	64.8#
99	7.6	50.2	75.2#



#56
Ethyl methacrylate
Concen: 1.480 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.018 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Tgt Ion:	69	Resp:	3306
Ion	Ratio	Lower	Upper
69	100		
41	269.4	55.1	82.7#
39	199.6	28.5	42.7#





#57

1,3-Dichloropropane

Concen: 1.430 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX033973.D

Acq: 31 Jan 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

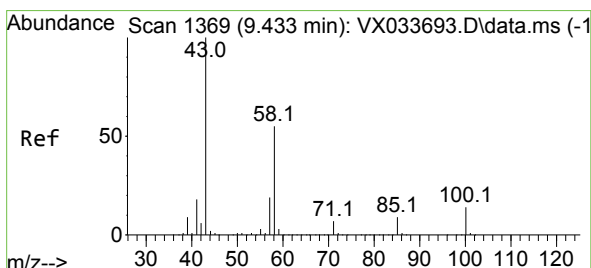
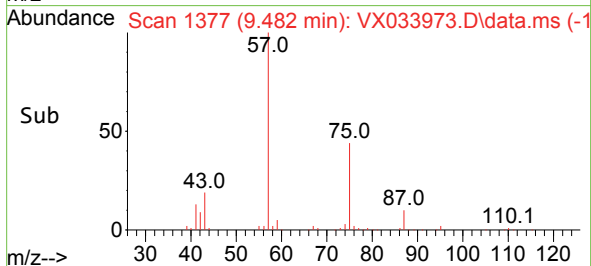
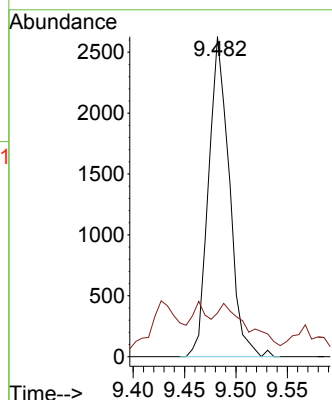
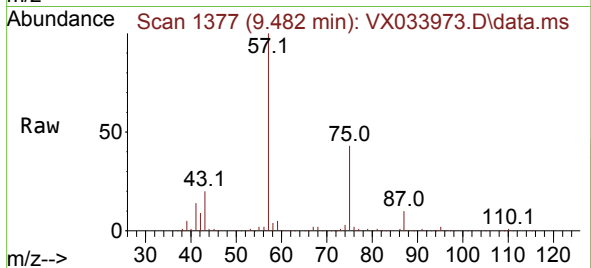
20230113-H4-STOCKPILE

Tgt Ion: 76 Resp: 3680

Ion Ratio Lower Upper

76 100

78 18.3 25.6 38.4#



#59

2-Hexanone

Concen: 32.958 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX033973.D

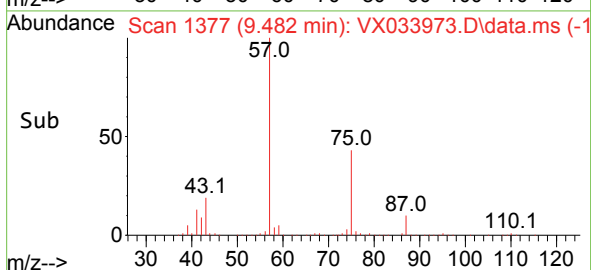
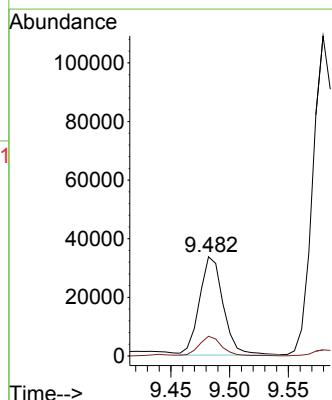
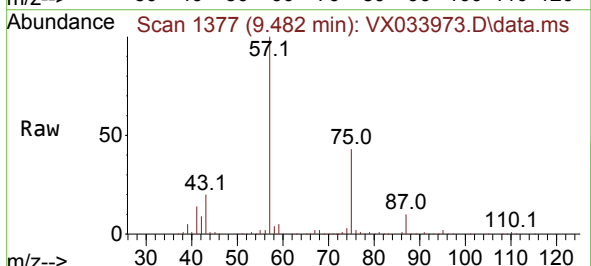
Acq: 31 Jan 2023 15:51

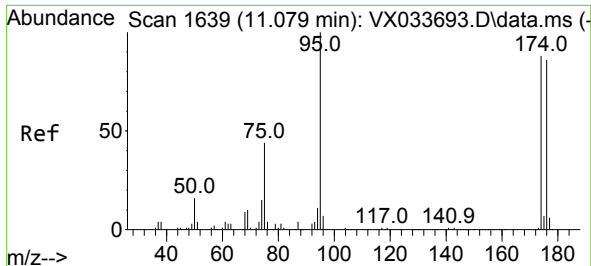
Tgt Ion: 43 Resp: 47389

Ion Ratio Lower Upper

43 100

58 19.5 27.4 82.0#

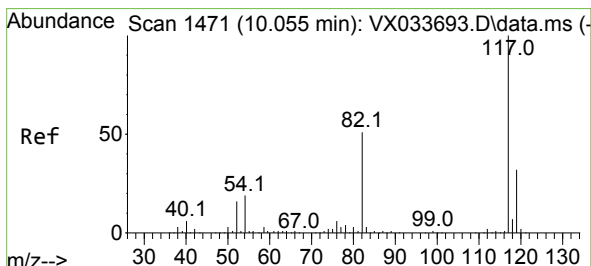
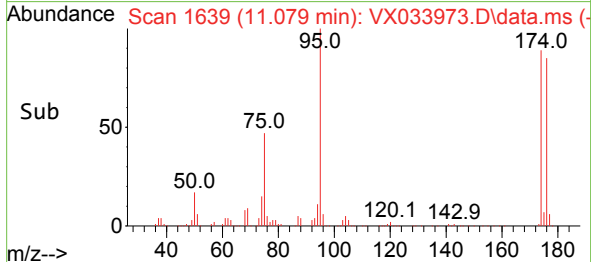
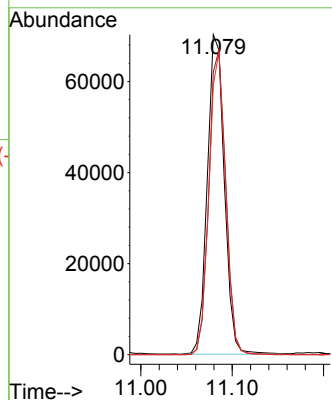
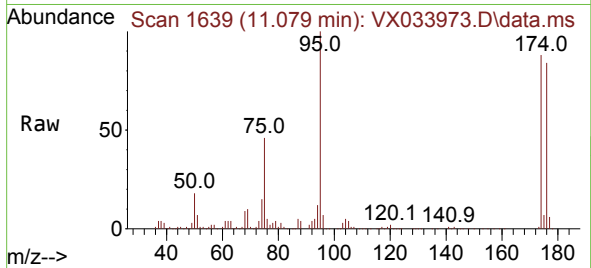




#62
4-Bromofluorobenzene
Concen: 45.893 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

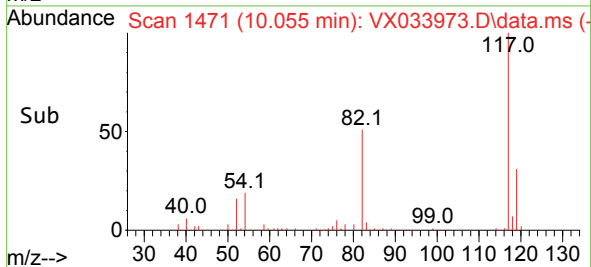
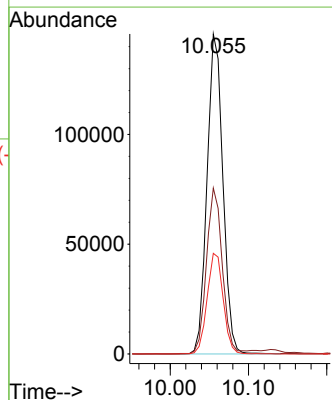
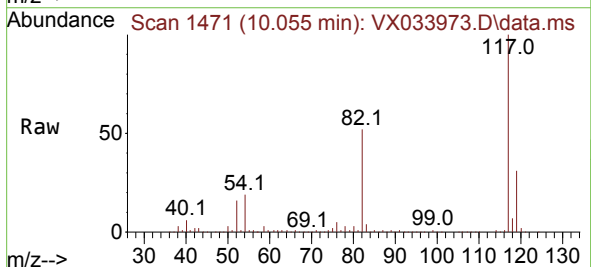
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

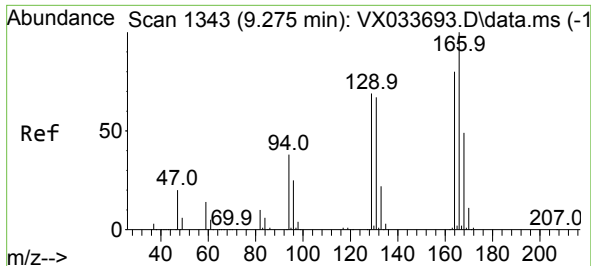
Tgt Ion: 95 Resp: 90637
Ion Ratio Lower Upper
95 100
174 94.7 0.0 184.4
176 92.6 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

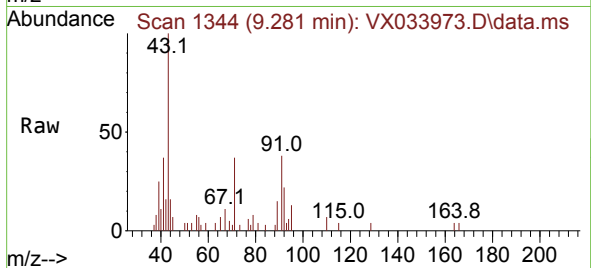
Tgt Ion: 117 Resp: 204308
Ion Ratio Lower Upper
117 100
82 51.7 40.6 60.8
119 31.5 25.6 38.4



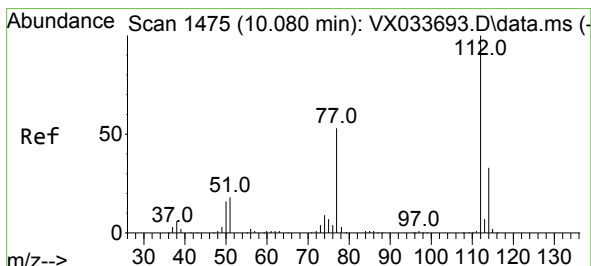
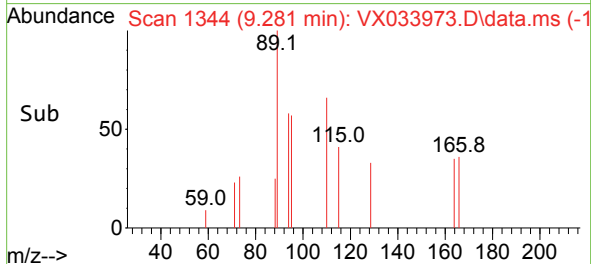
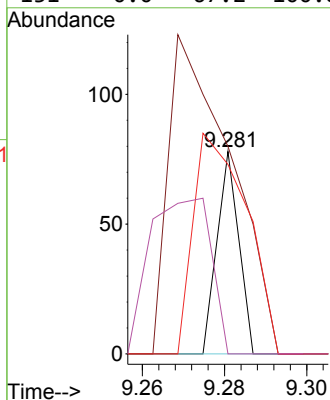


#64
Tetrachloroethene
Concen: Below Cal
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

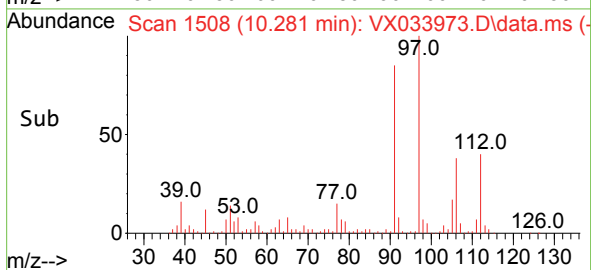
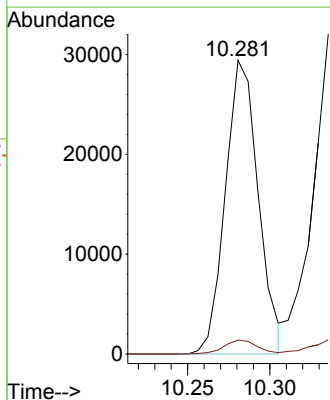
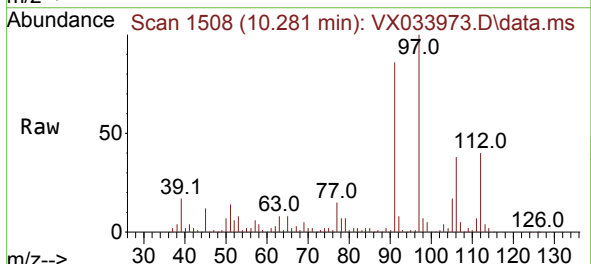


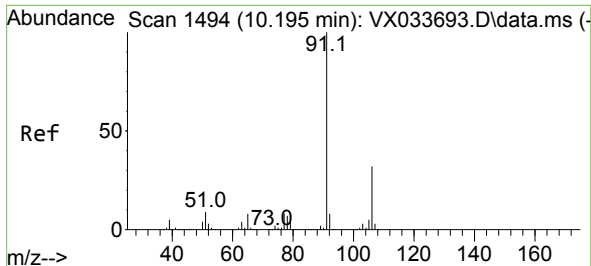
Tgt Ion:164 Resp: 29
Ion Ratio Lower Upper
164 100
166 102.6 100.2 150.2
129 93.6 69.2 103.8
131 0.0 67.2 100.8#



#65
Chlorobenzene
Concen: 9.706 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. 0.201 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Tgt Ion:112 Resp: 41054
Ion Ratio Lower Upper
112 100
114 4.7 26.2 39.4#

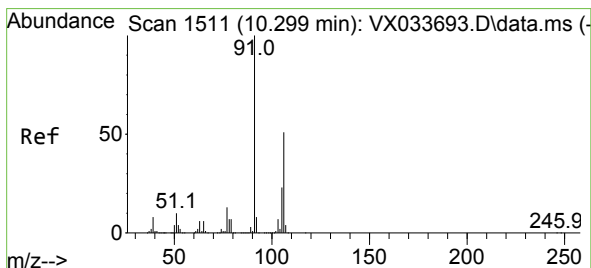
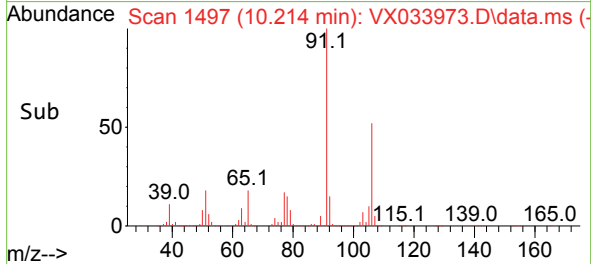
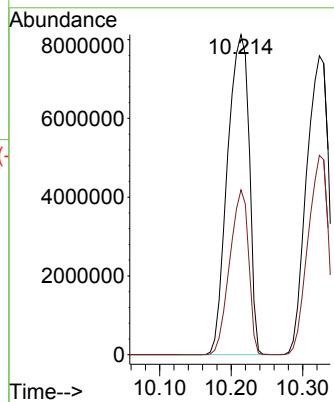
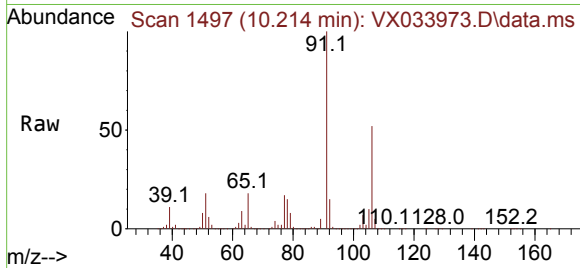




#67
Ethyl Benzene
Concen: 2357.683 ug/l
RT: 10.214 min Scan# 1497
Delta R.T. 0.018 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

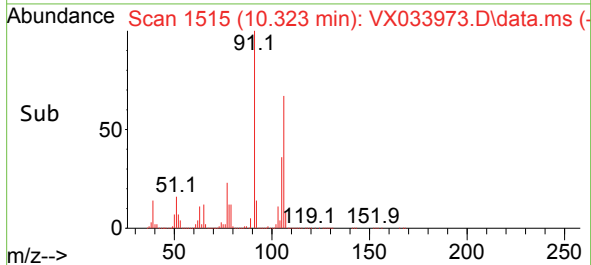
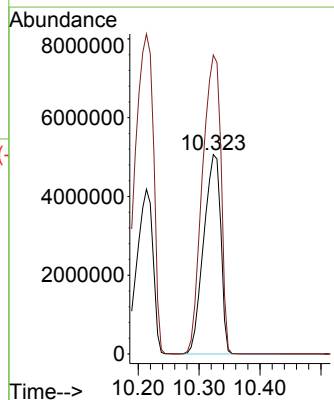
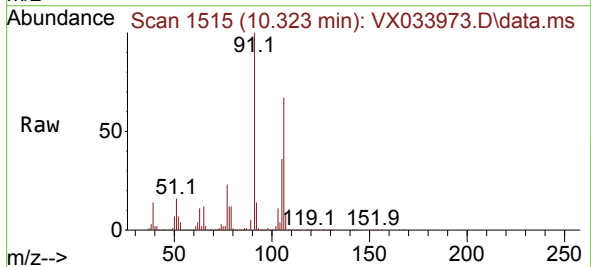
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

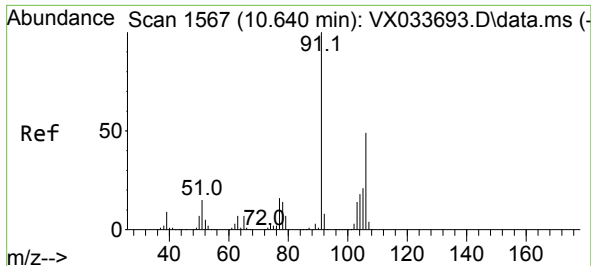
Tgt Ion: 91 Resp:17121413
Ion Ratio Lower Upper
91 100
106 51.5 25.8 38.8#



#68
m/p-Xylenes
Concen: 3470.464 ug/l
RT: 10.323 min Scan# 1515
Delta R.T. 0.024 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Tgt Ion:106 Resp: 9857583
Ion Ratio Lower Upper
106 100
91 162.1 156.4 234.6

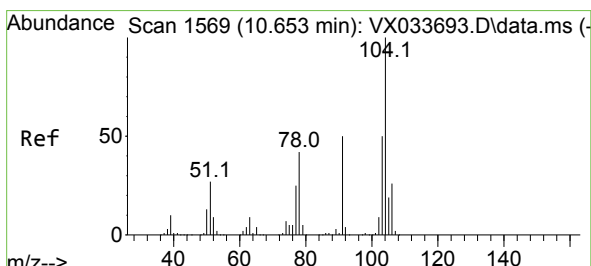
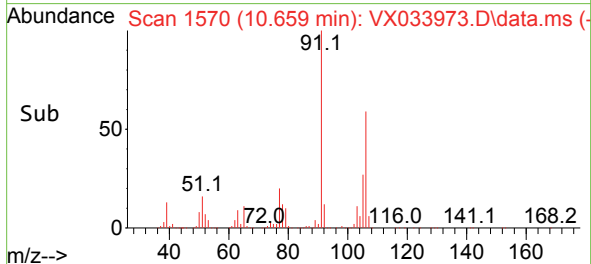
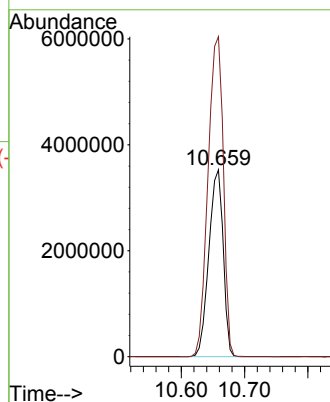
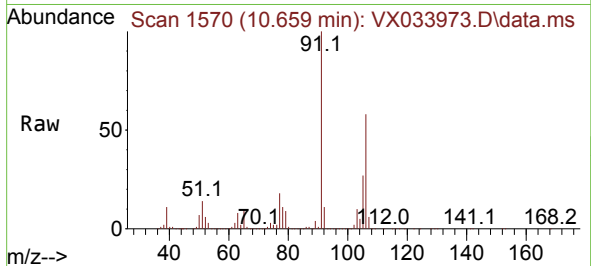




#69
o-Xylene
Concen: 1971.297 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.018 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

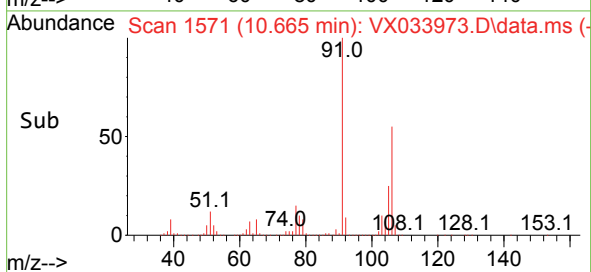
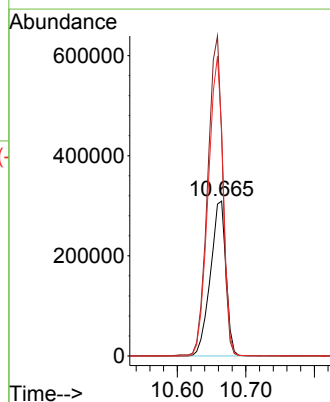
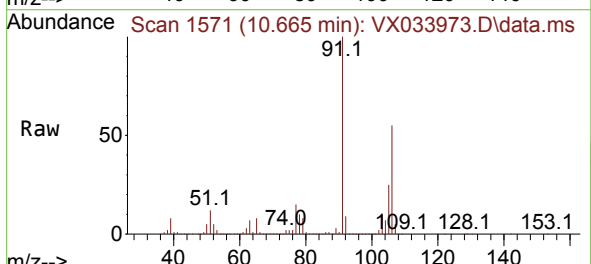
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

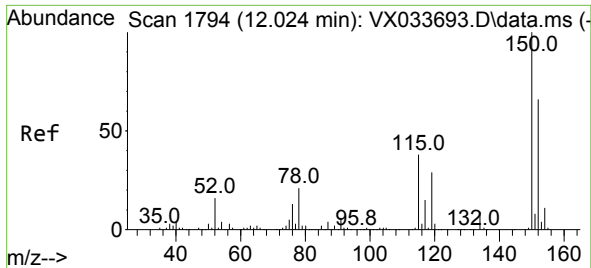
Tgt Ion:106 Resp: 5552890
Ion Ratio Lower Upper
106 100
91 183.1 103.1 309.3



#70
Styrene
Concen: 106.666 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.012 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Tgt Ion:104 Resp: 488652
Ion Ratio Lower Upper
104 100
78 198.4 37.5 56.3#
103 187.2 43.3 64.9#

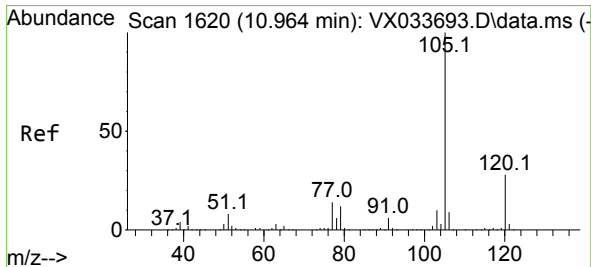
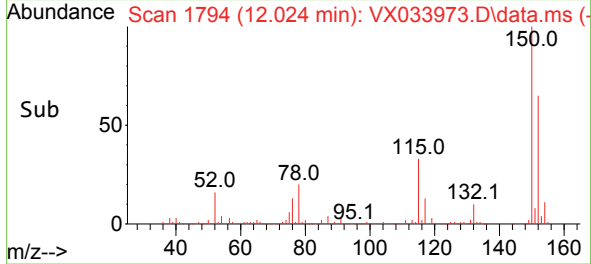
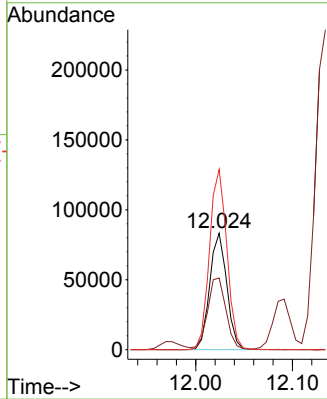
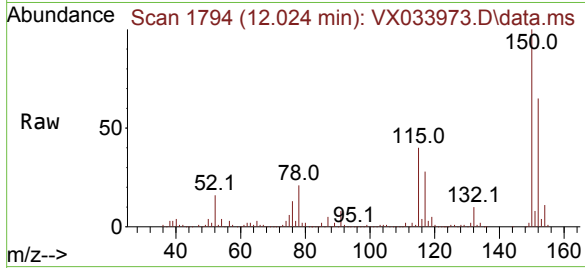




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

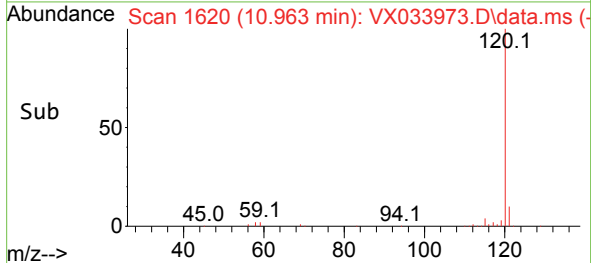
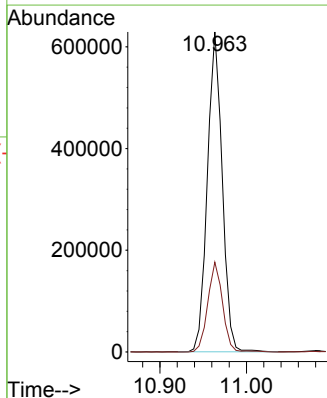
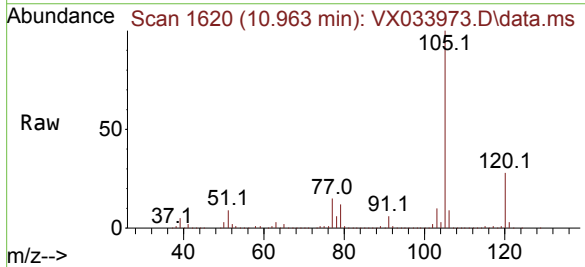
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

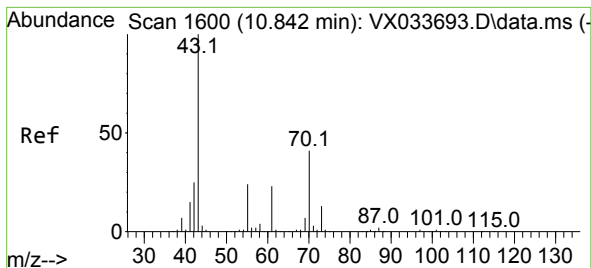
Tgt Ion:152 Resp: 102126
Ion Ratio Lower Upper
152 100
115 64.8 38.7 116.1
150 157.0 0.0 348.2



#73
Isopropylbenzene
Concen: 114.622 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Tgt Ion:105 Resp: 748456
Ion Ratio Lower Upper
105 100
120 28.1 13.6 40.8





#74

N-amy1 acetate

Concen: 0.312 ug/l

RT: 10.860 min Scan# 1

Delta R.T. 0.018 min

Lab File: VX033973.D

Acq: 31 Jan 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

20230113-H4-STOCKPILE

Tgt Ion: 43 Resp: 838

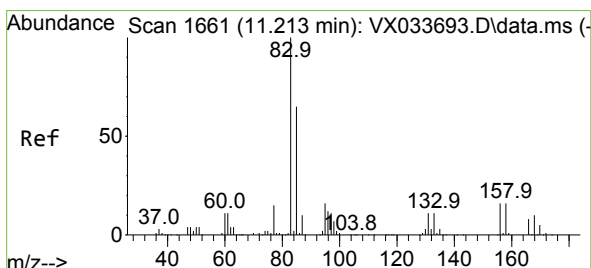
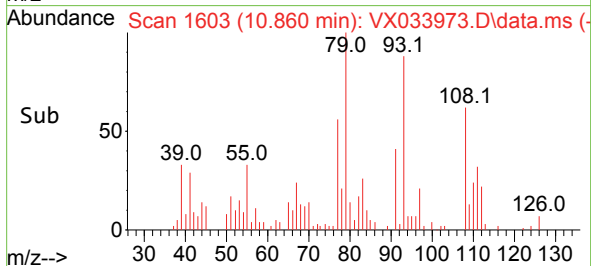
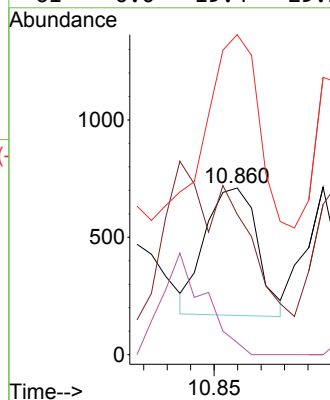
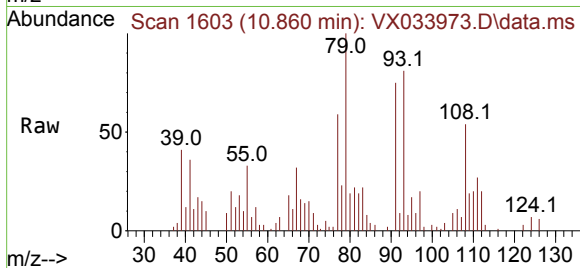
Ion Ratio Lower Upper

43 100

70 0.0 34.8 52.2#

55 272.9 19.4 29.0#

61 0.0 19.4 29.2#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.220 min Scan# 1662

Delta R.T. 0.007 min

Lab File: VX033973.D

Acq: 31 Jan 2023 15:51

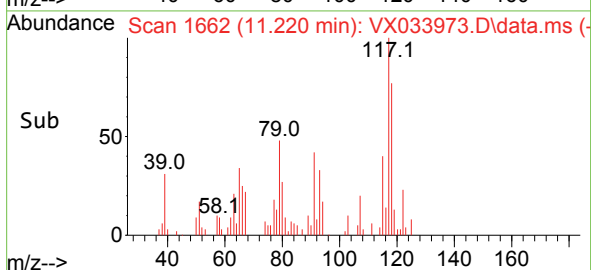
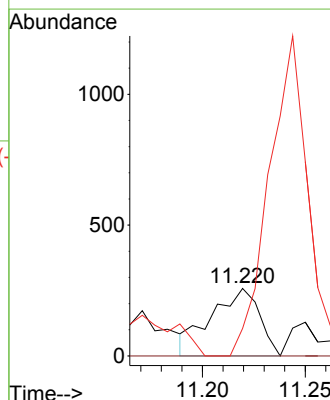
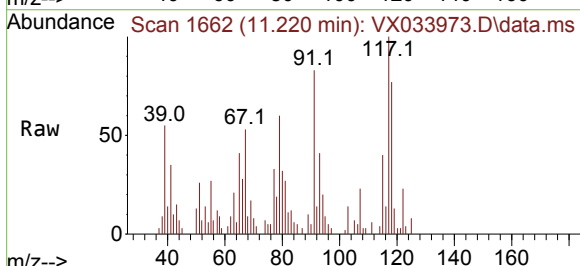
Tgt Ion: 83 Resp: 419

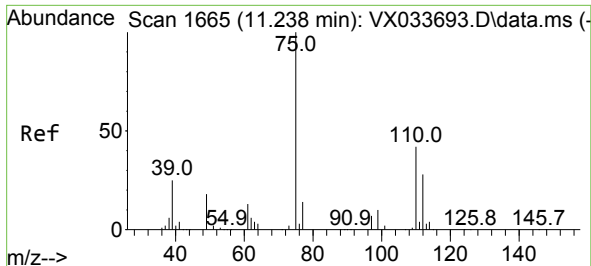
Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

85 0.0 32.3 96.9#

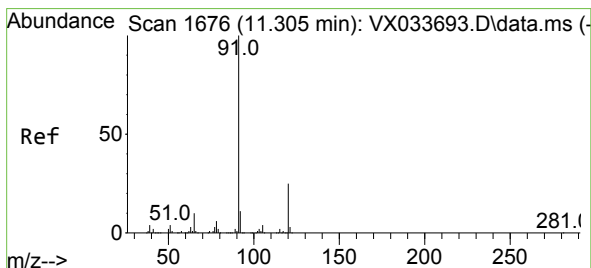
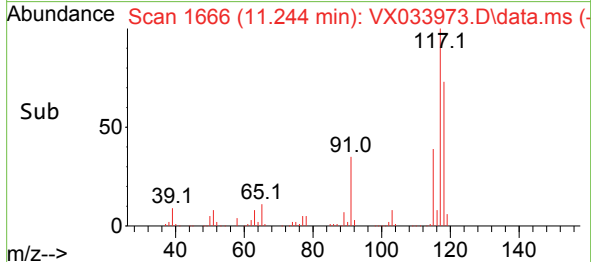
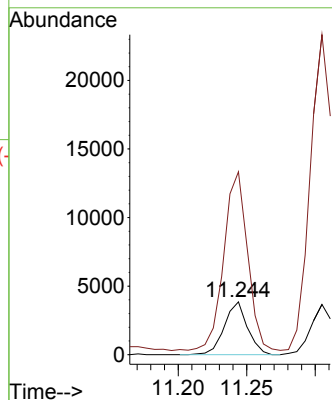
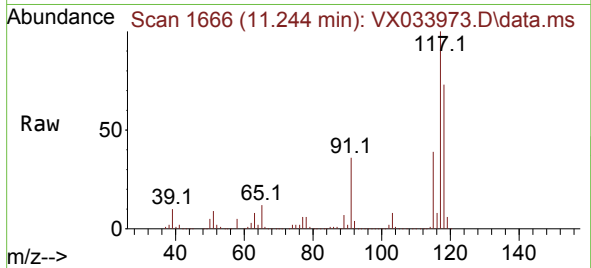




#76
1,2,3-Trichloropropane
Concen: 2.409 ug/l
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

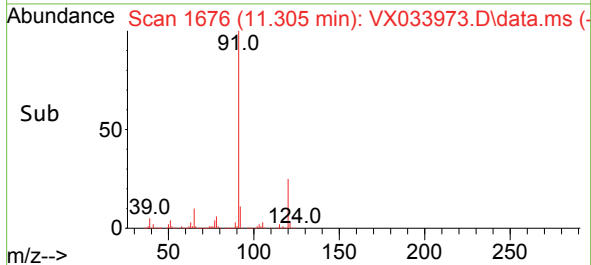
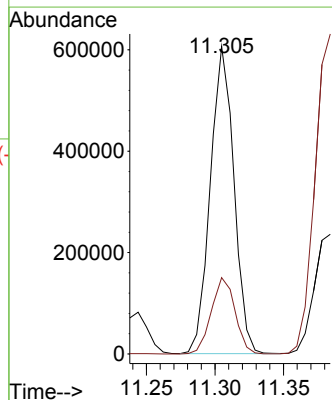
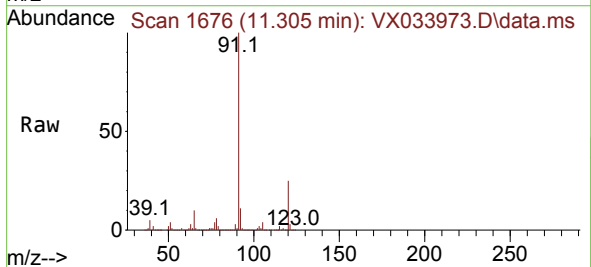
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

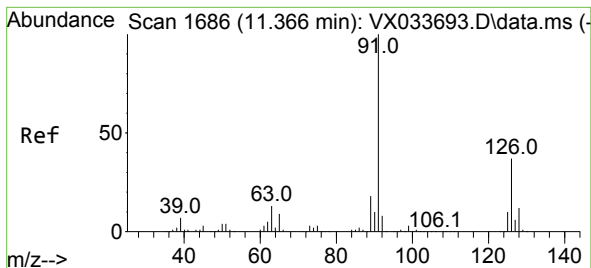
Tgt Ion: 75 Resp: 4520
Ion Ratio Lower Upper
75 100
77 346.4 21.8 65.4#



#78
n-propylbenzene
Concen: 86.999 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Tgt Ion: 91 Resp: 725002
Ion Ratio Lower Upper
91 100
120 25.0 12.3 36.8





#79

2-Chlorotoluene

Concen: 89.017 ug/l

RT: 11.384 min Scan# 1

Delta R.T. 0.018 min

Lab File: VX033973.D

Acq: 31 Jan 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

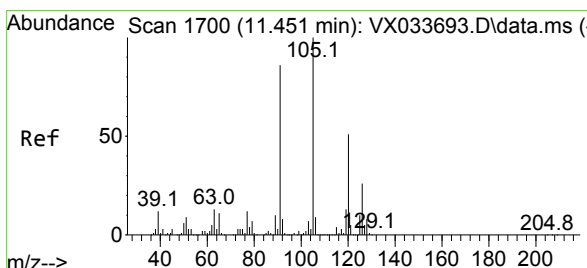
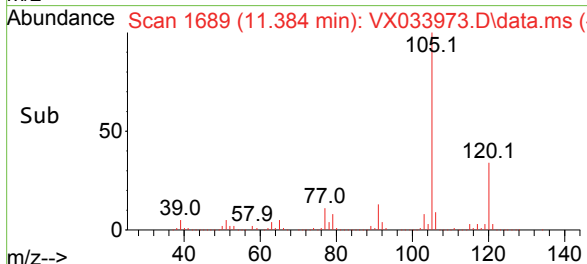
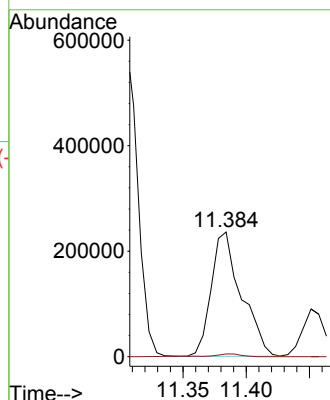
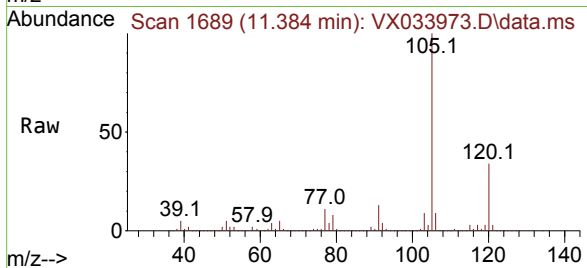
20230113-H4-STOCKPILE

Tgt Ion: 91 Resp: 390281

Ion Ratio Lower Upper

91 100

126 2.2 18.1 54.1#



#80

1,3,5-Trimethylbenzene

Concen: 174.255 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX033973.D

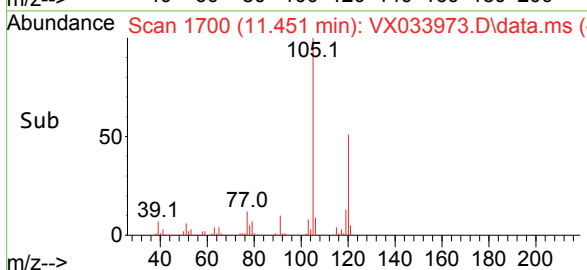
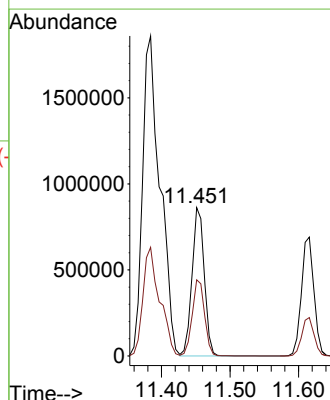
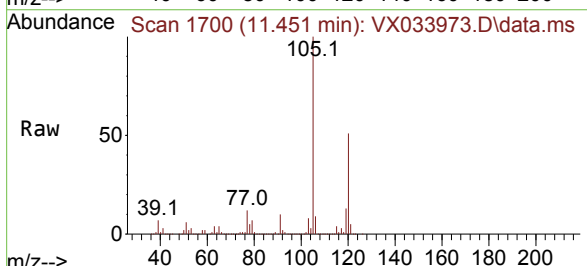
Acq: 31 Jan 2023 15:51

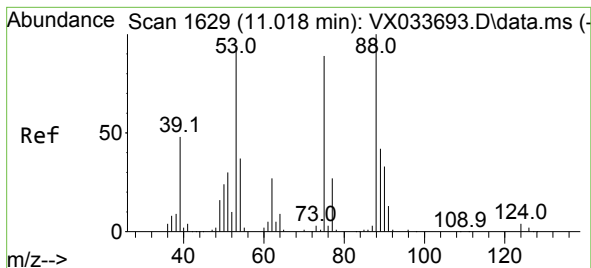
Tgt Ion:105 Resp: 1070838

Ion Ratio Lower Upper

105 100

120 51.5 25.6 76.8

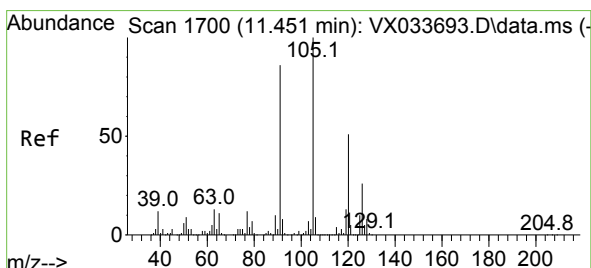
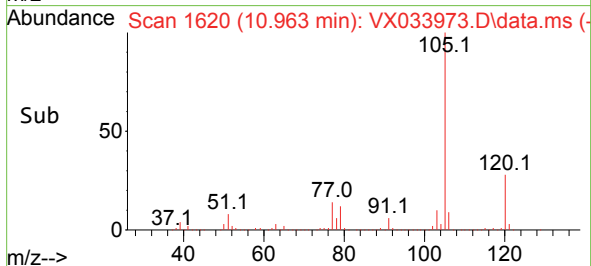
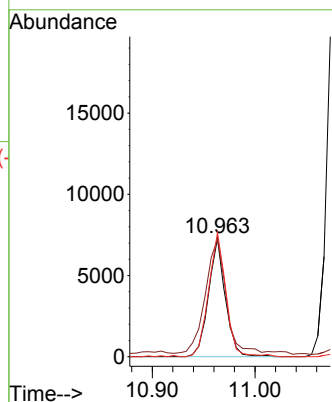
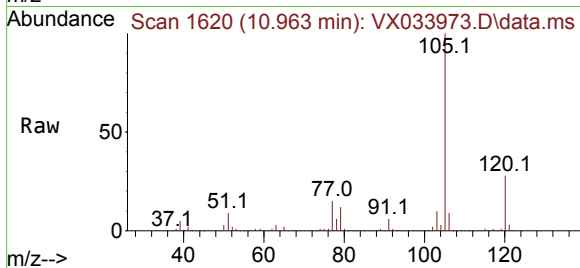




#81
trans-1,4-Dichloro-2-butene
Concen: 13.669 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.055 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

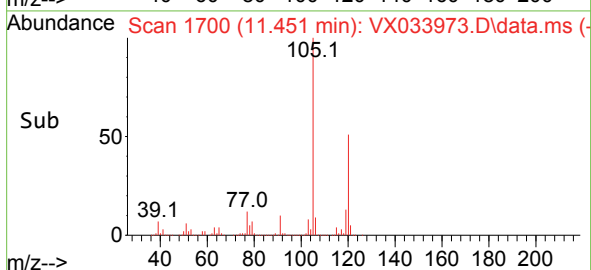
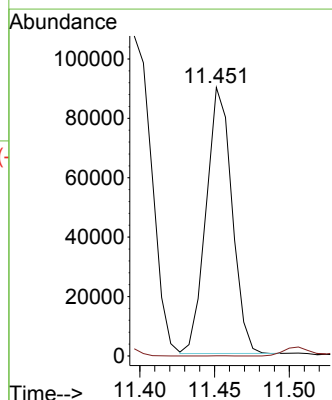
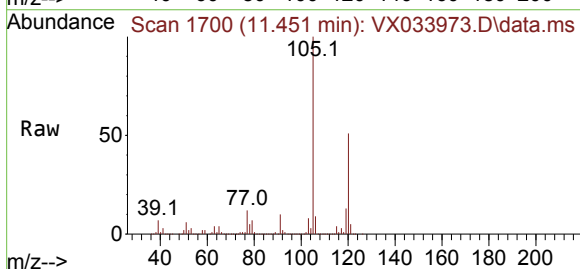
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

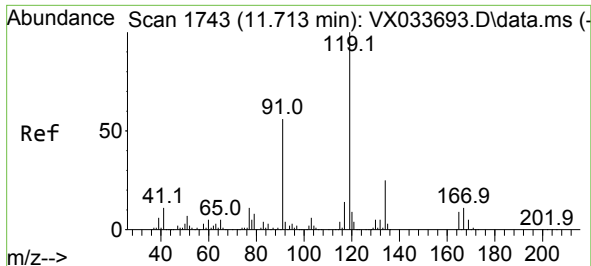
Tgt Ion: 75 Resp: 8253
Ion Ratio Lower Upper
75 100
53 118.3 83.0 124.6
89 108.5 37.7 56.5#



#82
4-Chlorotoluene
Concen: 19.055 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Tgt Ion: 91 Resp: 107672
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#

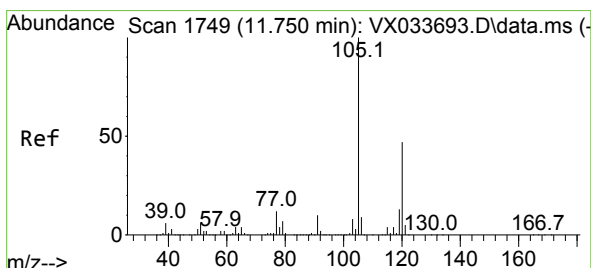
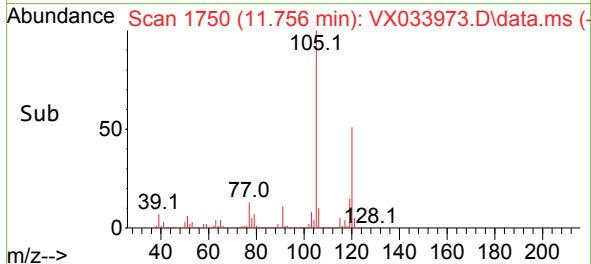
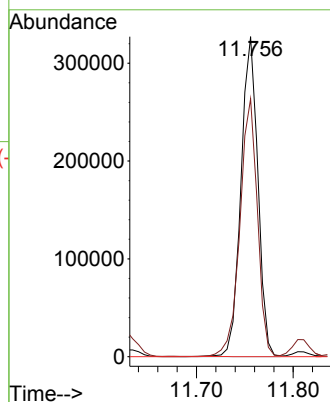
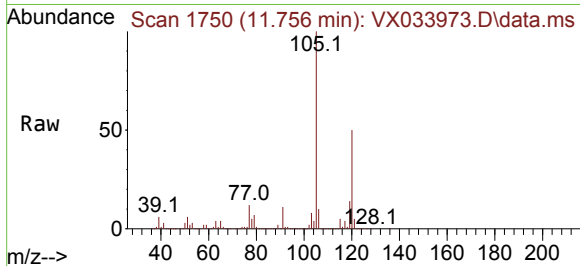




#83
tert-Butylbenzene
Concen: 65.283 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.043 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

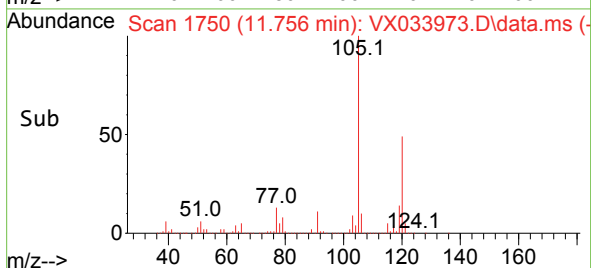
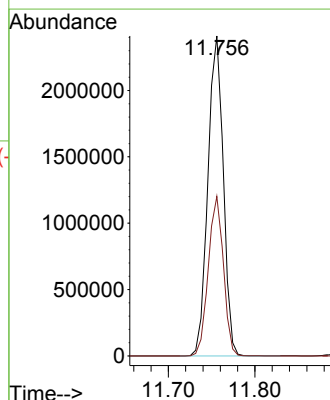
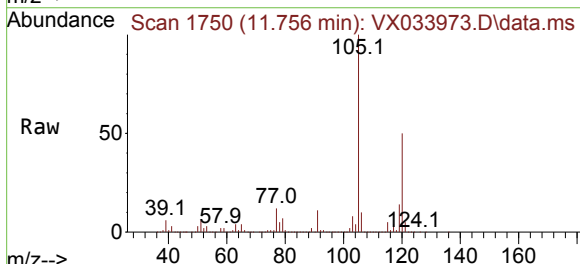
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

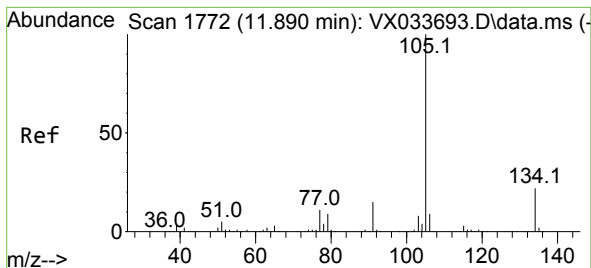
Tgt Ion:119 Resp: 398338
Ion Ratio Lower Upper
119 100
91 83.2 26.9 80.7#
134 0.0 12.3 36.8#



#84
1,2,4-Trimethylbenzene
Concen: 511.989 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Tgt Ion:105 Resp: 2976211
Ion Ratio Lower Upper
105 100
120 48.9 23.4 70.2





#85

sec-Butylbenzene

Concen: 407.806 ug/l

RT: 11.756 min Scan# 1

Delta R.T. -0.134 min

Lab File: VX033973.D

Acq: 31 Jan 2023 15:51

Instrument :

MSVOA_X

ClientSampleId :

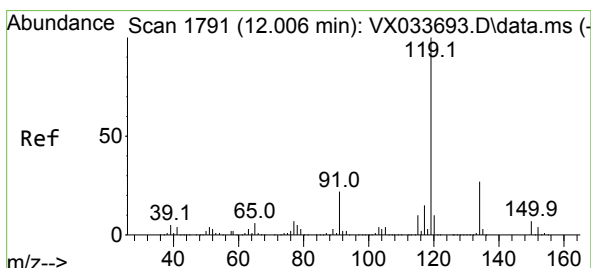
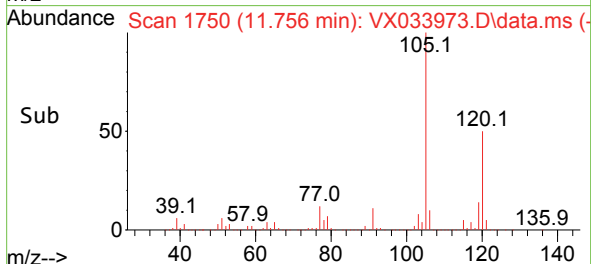
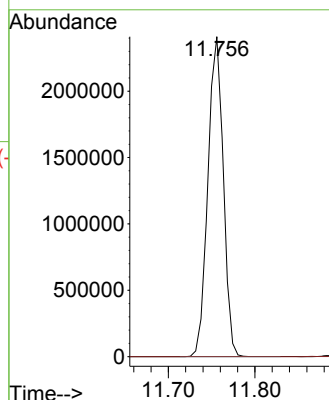
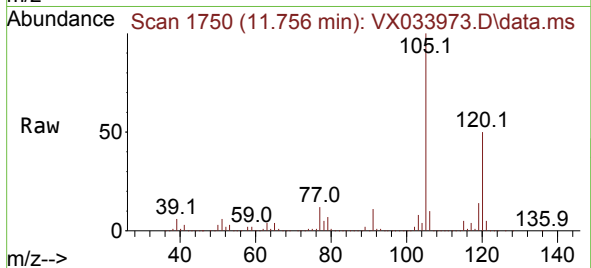
20230113-H4-STOCKPILE

Tgt Ion:105 Resp: 2976211

Ion Ratio Lower Upper

105 100

134 0.0 10.8 32.3#



#86

p-Isopropyltoluene

Concen: 17.052 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.037 min

Lab File: VX033973.D

Acq: 31 Jan 2023 15:51

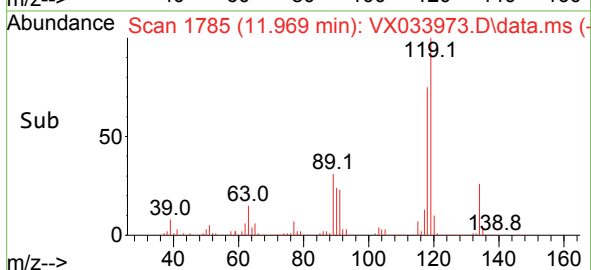
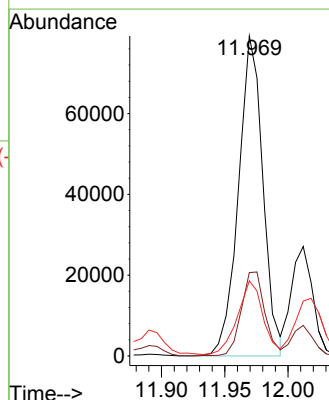
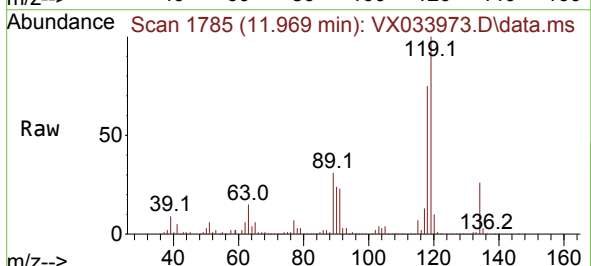
Tgt Ion:119 Resp: 106544

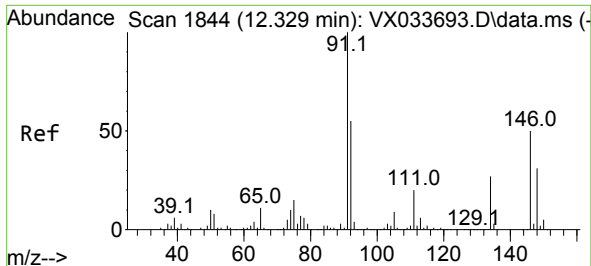
Ion Ratio Lower Upper

119 100

134 25.4 13.6 40.8

91 23.9 11.0 33.0

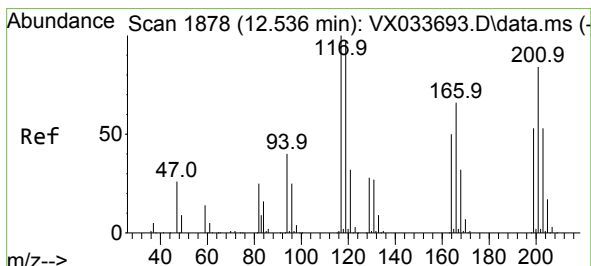
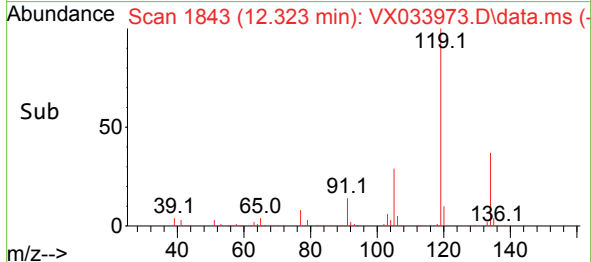
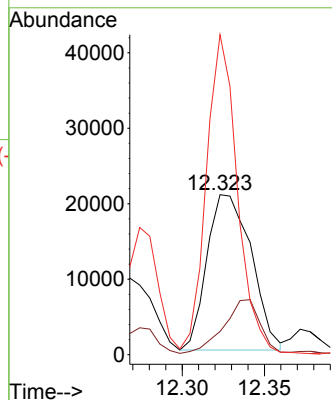
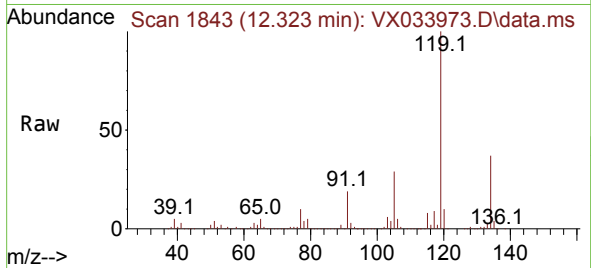




#89
n-Butylbenzene
Concen: 7.543 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.006 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

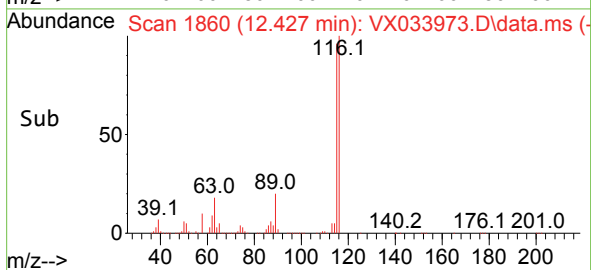
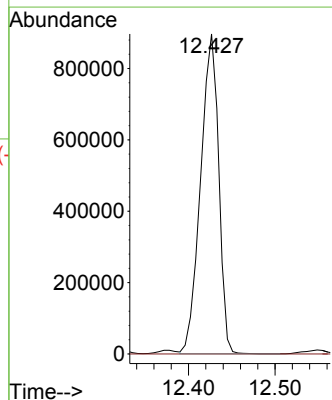
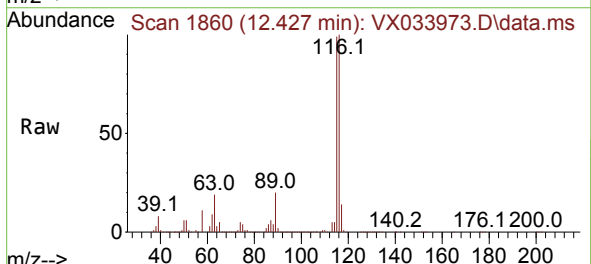
Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

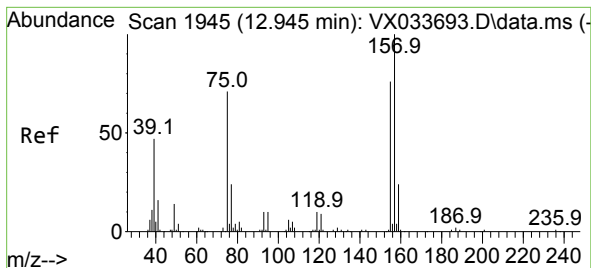
Tgt Ion: 91 Resp: 38558
Ion Ratio Lower Upper
91 100
92 28.2 27.5 82.5
134 143.9 14.3 42.9#



#90
Hexachloroethane
Concen: 1267.305 ug/l
RT: 12.427 min Scan# 1860
Delta R.T. -0.110 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Tgt Ion: 117 Resp: 1302542
Ion Ratio Lower Upper
117 100
201 0.0 45.1 135.3#

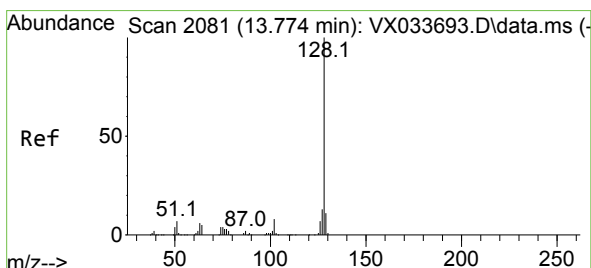
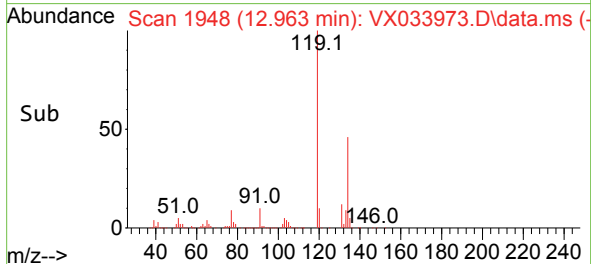
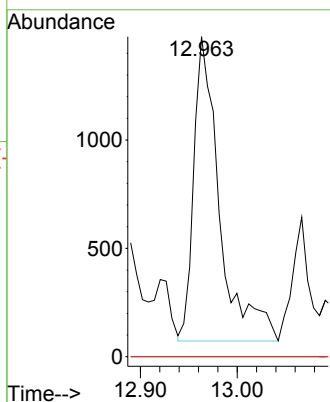
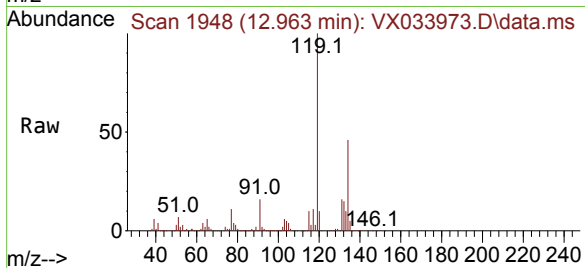




#92
1,2-Dibromo-3-Chloropropane
Concen: 6.256 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.018 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
20230113-H4-STOCKPILE

Tgt Ion: 75 Resp: 2607
Ion Ratio Lower Upper
75 100
155 0.0 51.7 155.1#
157 0.0 67.5 202.3#



#95
Naphthalene
Concen: 1936.953 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX033973.D
Acq: 31 Jan 2023 15:51

Tgt Ion:128 Resp:12499262
Ion Ratio Lower Upper
128 100
127 18.3 10.3 15.5#
129 16.0 8.7 13.1#

