

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038395.D
 Acq On : 20 Oct 2023 11:50
 Operator : JC/MD
 Sample : VX1020WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBSD01

Quant Time: Oct 21 01:28:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	132175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219858	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126737	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97814	46.010	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.020%
35) Dibromofluoromethane	5.385	113	80227	50.641	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.280%
50) Toluene-d8	8.647	98	290980	48.067	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.140%
62) 4-Bromofluorobenzene	11.079	95	114754	50.001	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26466	20.744	ug/l	99
3) Chloromethane	1.301	50	24766	19.046	ug/l	94
4) Vinyl Chloride	1.374	62	29120	20.198	ug/l	98
5) Bromomethane	1.605	94	26775	13.518	ug/l	95
6) Chloroethane	1.685	64	19818	18.820	ug/l	94
7) Trichlorofluoromethane	1.886	101	55646	19.540	ug/l	98
8) Diethyl Ether	2.130	74	20168	18.989	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	26124	21.013	ug/l	97
10) Methyl Iodide	2.453	142	32122	17.958	ug/l	95
11) Tert butyl alcohol	2.953	59	40870	79.525	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	24047	19.885	ug/l	86
13) Acrolein	2.233	56	27998	92.639	ug/l	99
14) Allyl chloride	2.660	41	38875	17.973	ug/l	94
15) Acrylonitrile	3.062	53	93278	96.414	ug/l	99
16) Acetone	2.374	43	84763	95.533	ug/l	92
17) Carbon Disulfide	2.508	76	56419	16.187	ug/l	98
18) Methyl Acetate	2.703	43	77493	20.367	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	90357	18.761	ug/l	97
20) Methylene Chloride	2.788	84	30632	18.354	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	27835	18.590	ug/l	90
22) Diisopropyl ether	3.757	45	81602	18.000	ug/l	96
23) Vinyl Acetate	3.721	43	303083	91.166	ug/l	95
24) 1,1-Dichloroethane	3.611	63	49640	18.043	ug/l	98
25) 2-Butanone	4.550	43	133286	93.104	ug/l #	88
26) 2,2-Dichloropropane	4.483	77	38372	17.864	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	33660	18.876	ug/l	89
28) Bromochloromethane	4.898	49	23893	19.238	ug/l #	81
29) Tetrahydrofuran	5.001	42	84834	91.019	ug/l #	86
30) Chloroform	5.093	83	58395	19.410	ug/l	100
31) Cyclohexane	5.471	56	41486	18.011	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	48135	18.680	ug/l	98
36) 1,1-Dichloropropene	5.690	75	40068	18.341	ug/l	97
37) Ethyl Acetate	4.709	43	48273	18.606	ug/l	97
38) Carbon Tetrachloride	5.678	117	39873	18.553	ug/l	98
39) Methylcyclohexane	7.379	83	48062	18.783	ug/l	95
40) Benzene	6.038	78	118869	19.454	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	24131	18.696	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	46731	19.142	ug/l	99
43) Isopropyl Acetate	6.336	43	70882	18.301	ug/l	97
44) Trichloroethene	7.129	130	31985	20.014	ug/l	90
45) 1,2-Dichloropropane	7.434	63	30172	19.079	ug/l	95
46) Dibromomethane	7.580	93	24358	19.859	ug/l	96
47) Bromodichloromethane	7.824	83	42304	19.388	ug/l	94
48) Methyl methacrylate	7.696	41	35449	19.172	ug/l	86
49) 1,4-Dioxane	7.659	88	17650	387.373	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	264687	99.076	ug/l	97
52) Toluene	8.720	92	78843	19.809	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	43643	18.634	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	46597	18.936	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	34282	20.137	ug/l	93
56) Ethyl methacrylate	9.116	69	49623	19.011	ug/l	92
57) 1,3-Dichloropropane	9.311	76	55613	20.197	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	123743	96.579	ug/l	100
59) 2-Hexanone	9.427	43	214835	100.029	ug/l	94
60) Dibromochloromethane	9.519	129	33945	20.373	ug/l	100
61) 1,2-Dibromoethane	9.610	107	37453	20.343	ug/l	100
64) Tetrachloroethene	9.275	164	28664	20.050	ug/l	96
65) Chlorobenzene	10.080	112	88889	19.236	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	30716	19.657	ug/l	98
67) Ethyl Benzene	10.195	91	154617	18.745	ug/l	99
68) m/p-Xylenes	10.299	106	122054	38.269	ug/l	99
69) o-Xylene	10.640	106	59426	19.091	ug/l	97
70) Styrene	10.653	104	98174	19.366	ug/l	96
71) Bromoform	10.799	173	24319	18.679	ug/l #	98
73) Isopropylbenzene	10.964	105	156707	18.437	ug/l	98
74) N-amyl acetate	10.842	43	63467	17.486	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	59680	19.136	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	61313	21.280	ug/l	92
77) Bromobenzene	11.195	156	39563	19.066	ug/l	89
78) n-propylbenzene	11.305	91	188062	18.096	ug/l	99
79) 2-Chlorotoluene	11.366	91	109667	17.793	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	135536	18.484	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	13675	16.775	ug/l	98
82) 4-Chlorotoluene	11.457	91	131945	18.091	ug/l	97
83) tert-Butylbenzene	11.713	119	131197	18.311	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	136198	18.629	ug/l	99
85) sec-Butylbenzene	11.890	105	171213	18.447	ug/l	100
86) p-Isopropyltoluene	12.012	119	143716	18.768	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	77291	18.545	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	80577	18.937	ug/l	99
89) n-Butylbenzene	12.335	91	133087	17.451	ug/l	97
90) Hexachloroethane	12.536	117	22197	17.483	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	76252	19.033	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13717	18.191	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	50065	18.632	ug/l	98
94) Hexachlorobutadiene	13.725	225	20938	19.360	ug/l	98
95) Naphthalene	13.774	128	168298	17.985	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	49394	18.985	ug/l	97

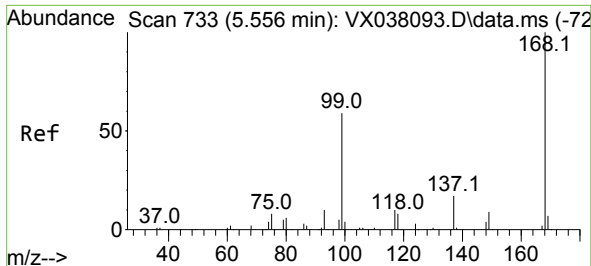
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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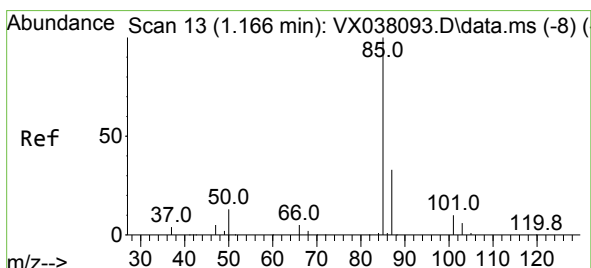
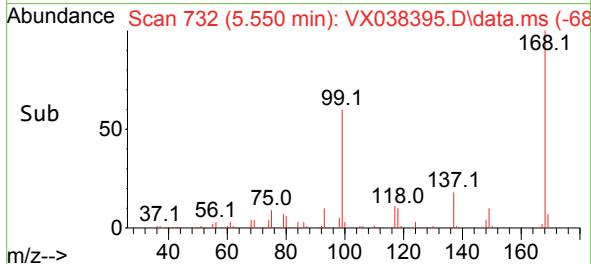
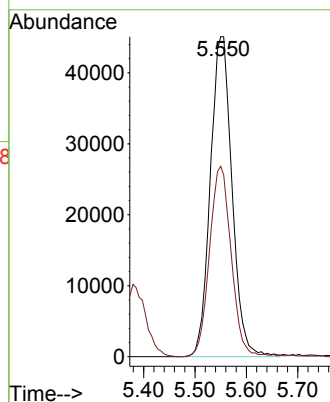
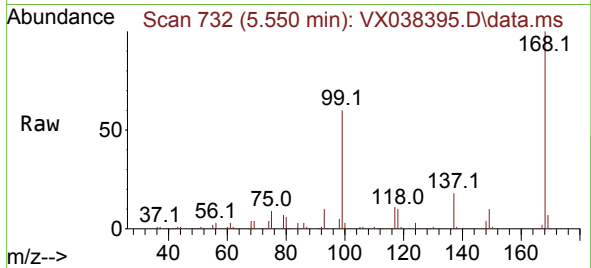
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

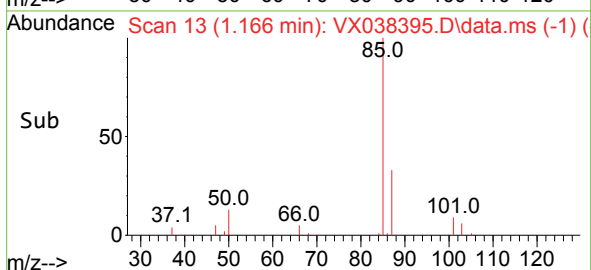
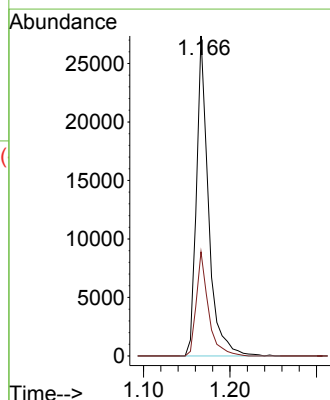
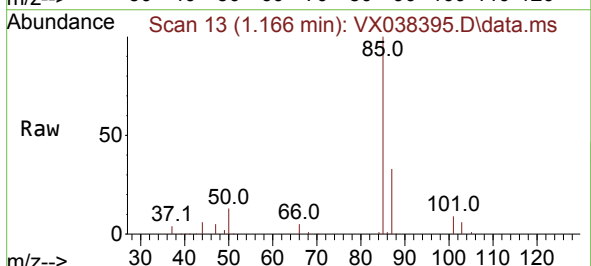
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MSVOA_X
ClientSampleId :
VX1020WBSD01

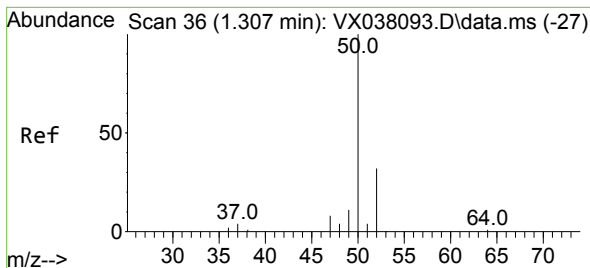
Tgt Ion:168 Resp: 132175
Ion Ratio Lower Upper
168 100
99 59.5 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 20.744 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion: 85 Resp: 26466
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1





#3

Chloromethane

Concen: 19.046 ug/l

RT: 1.301 min Scan# 3

Delta R.T. -0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

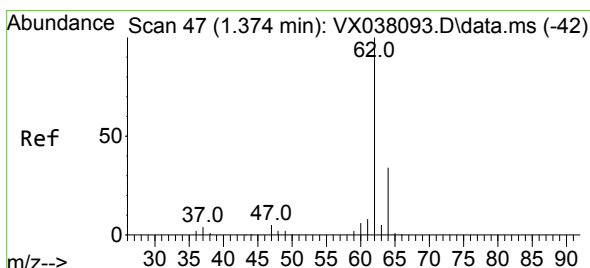
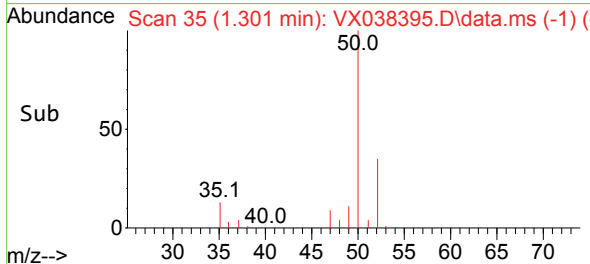
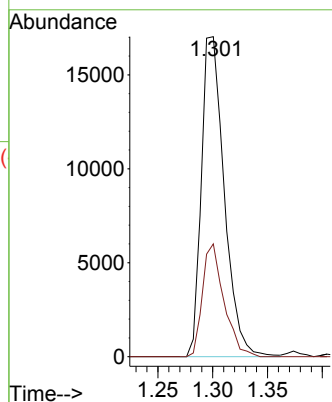
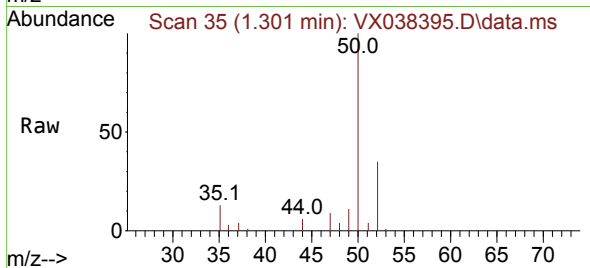
VX1020WBSD01

Tgt Ion: 50 Resp: 24766

Ion Ratio Lower Upper

50 100

52 35.3 25.5 38.3



#4

Vinyl Chloride

Concen: 20.198 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038395.D

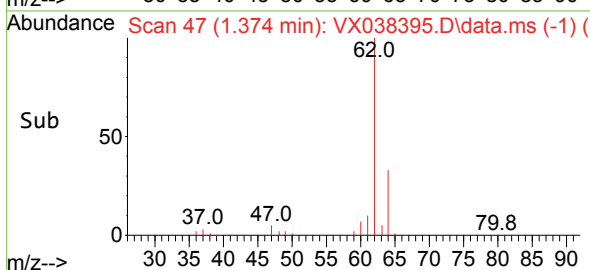
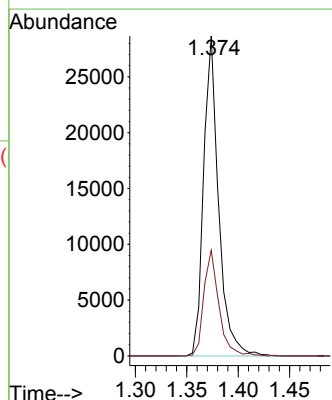
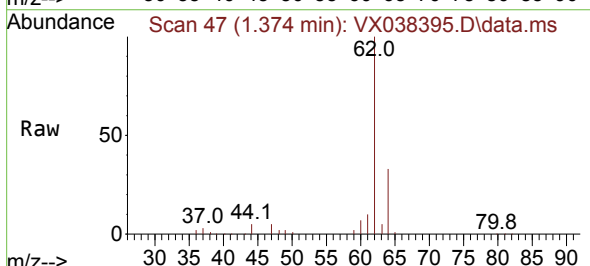
Acq: 20 Oct 2023 11:50

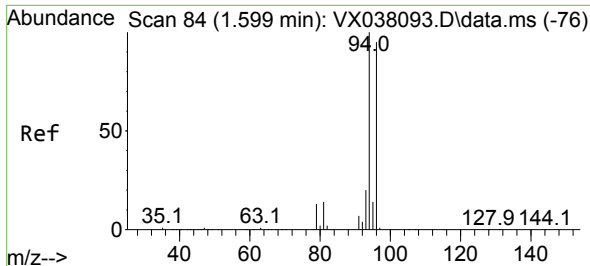
Tgt Ion: 62 Resp: 29120

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.0

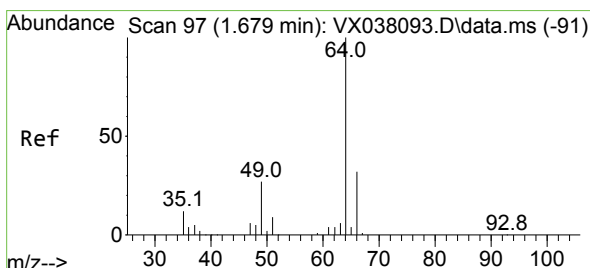
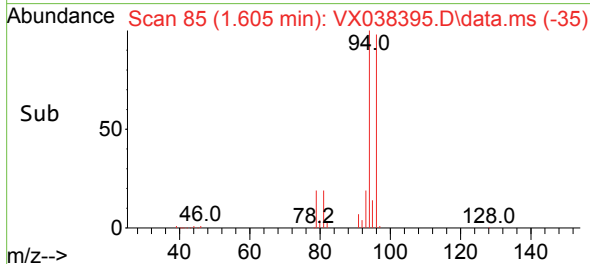
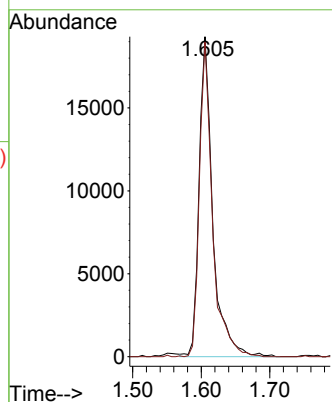
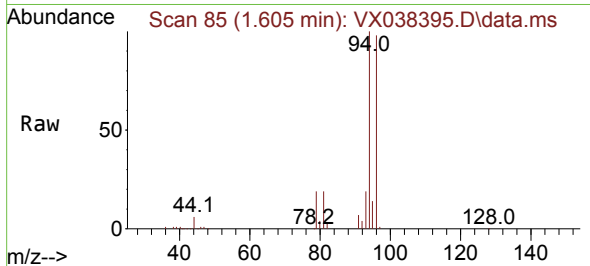




#5
Bromomethane
Concen: 13.518 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

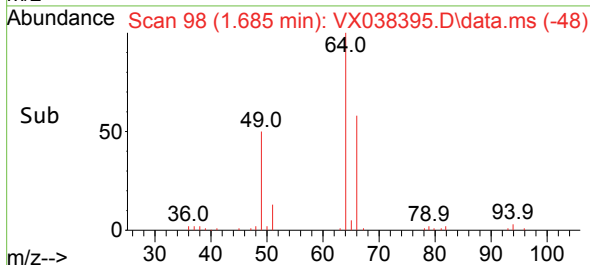
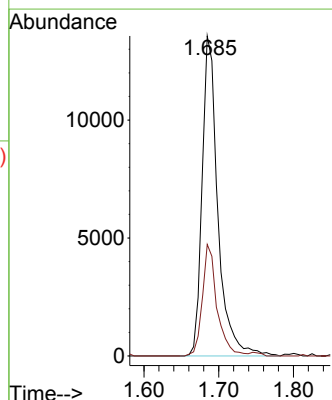
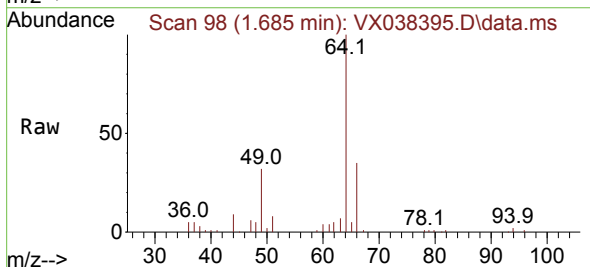
Instrument :
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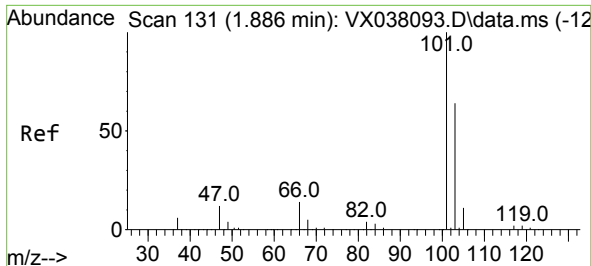
Tgt Ion: 94 Resp: 26775
Ion Ratio Lower Upper
94 100
96 98.3 74.6 111.8



#6
Chloroethane
Concen: 18.820 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion: 64 Resp: 19818
Ion Ratio Lower Upper
64 100
66 34.8 25.1 37.7

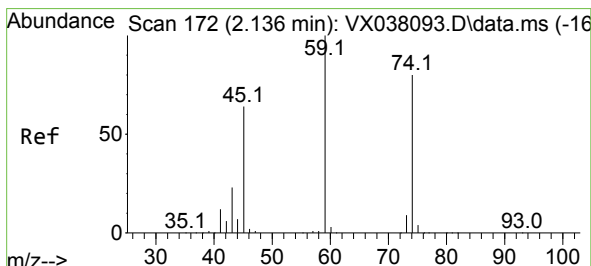
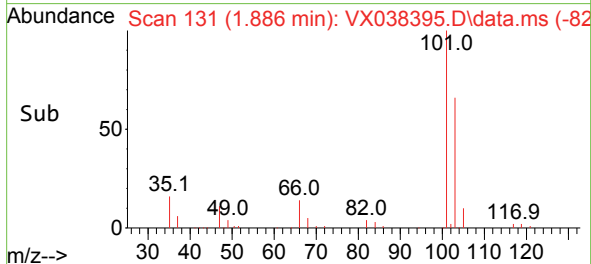
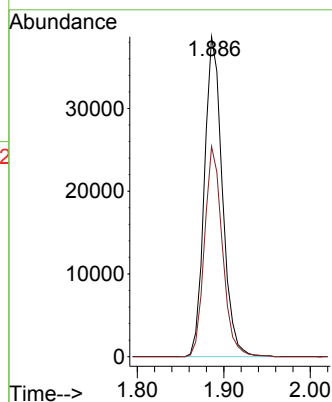
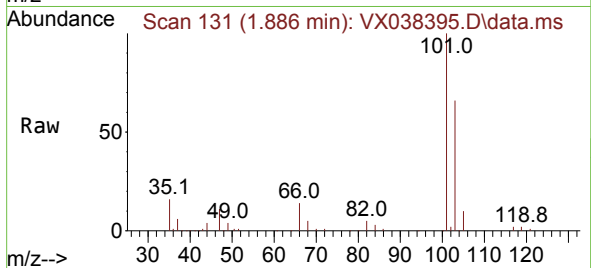




#7
Trichlorofluoromethane
Concen: 19.540 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

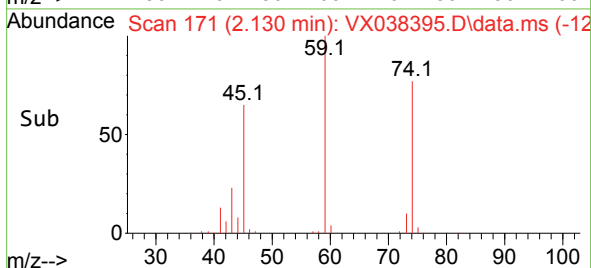
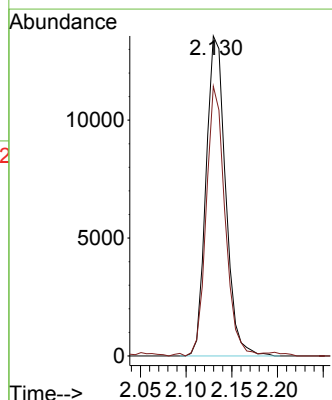
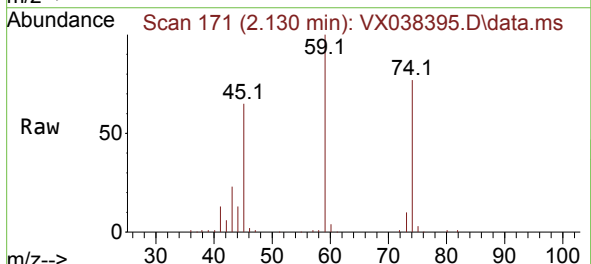
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

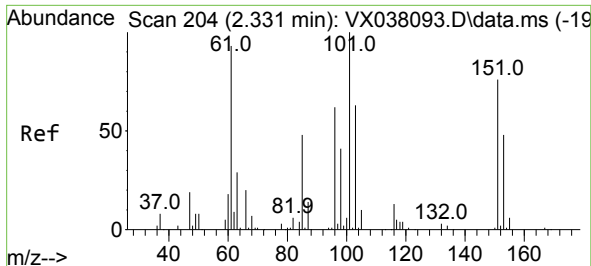
Tgt Ion:101 Resp: 55646
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.2



#8
Diethyl Ether
Concen: 18.989 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion: 74 Resp: 20168
Ion Ratio Lower Upper
74 100
45 81.3 53.3 159.8

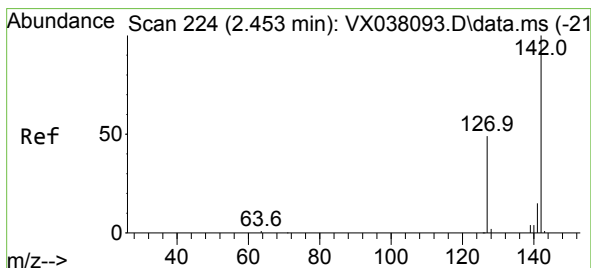
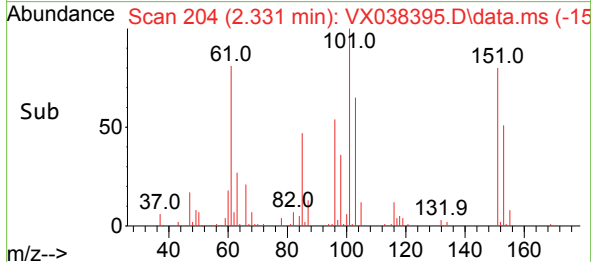
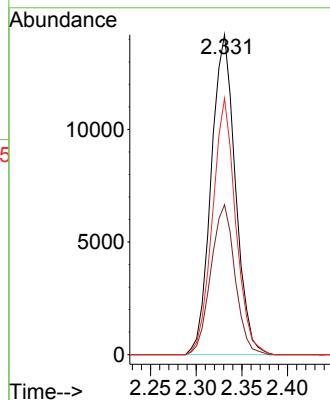
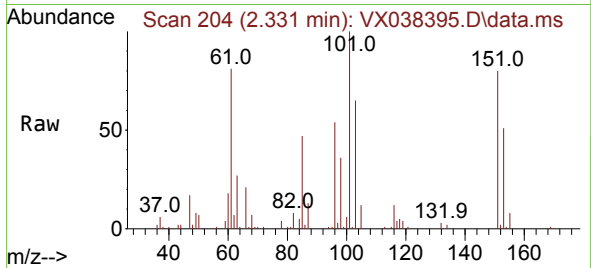




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.013 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038395.D
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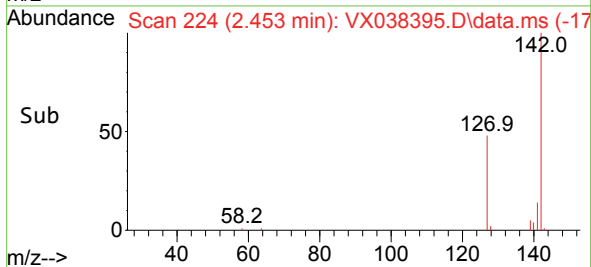
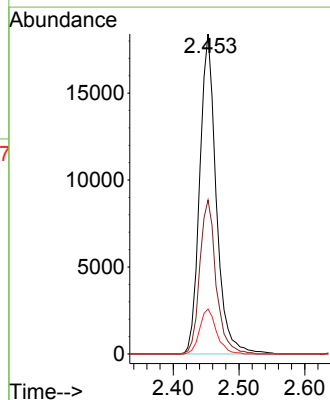
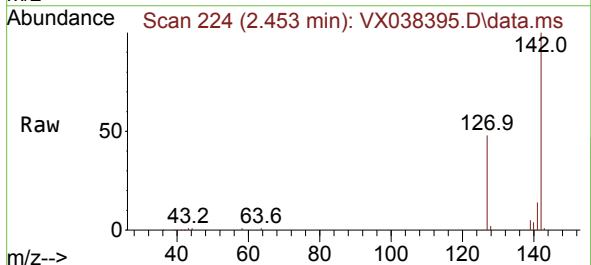
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

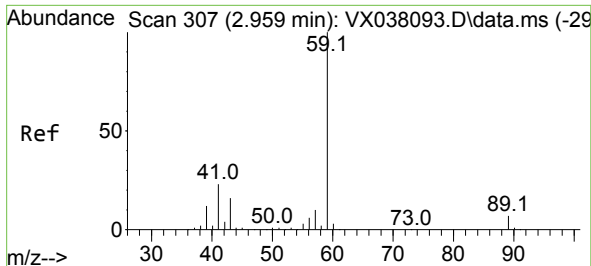
Tgt Ion:101 Resp: 26124
Ion Ratio Lower Upper
101 100
85 46.7 37.0 55.6
151 77.1 58.6 87.8



#10
Methyl Iodide
Concen: 17.958 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion:142 Resp: 32122
Ion Ratio Lower Upper
142 100
127 47.7 41.6 62.4
141 14.3 11.6 17.4

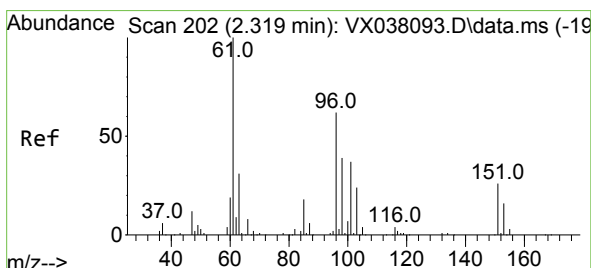
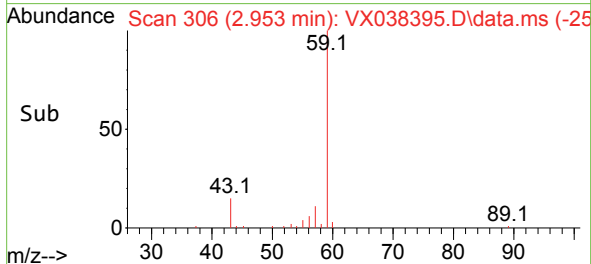
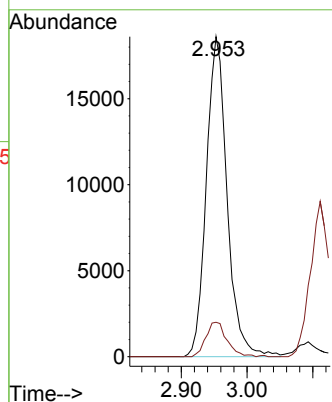
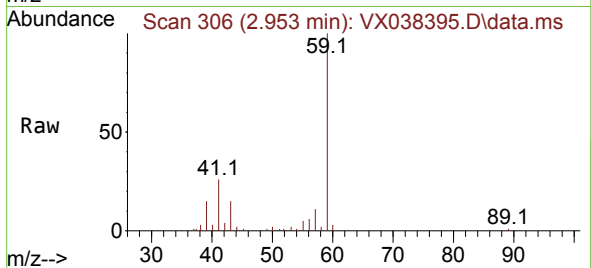




#11
Tert butyl alcohol
Concen: 79.525 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

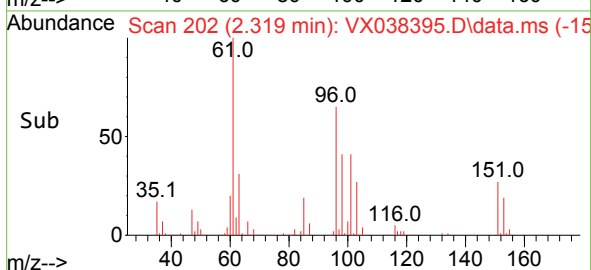
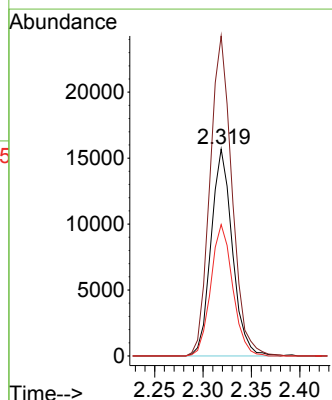
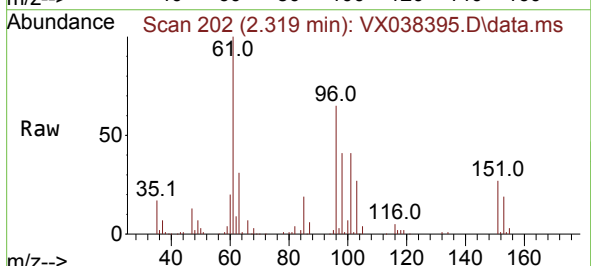
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

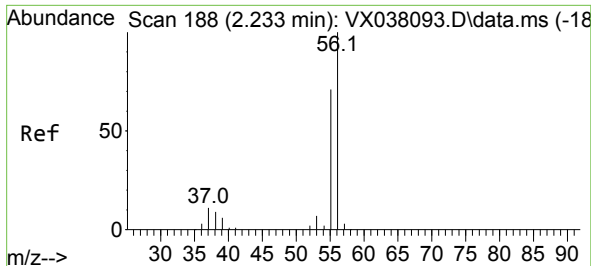
Tgt Ion: 59 Resp: 40870
Ion Ratio Lower Upper
59 100
57 10.9 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 19.885 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion: 96 Resp: 24047
Ion Ratio Lower Upper
96 100
61 154.7 144.6 216.8
98 63.5 50.4 75.6





#13

Acrolein

Concen: 92.639 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

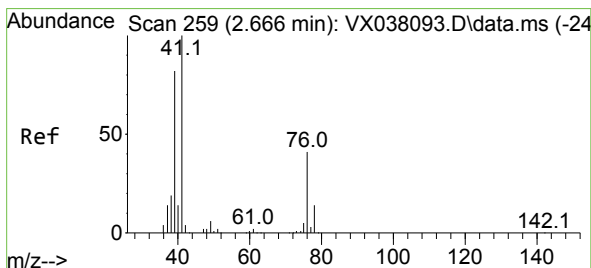
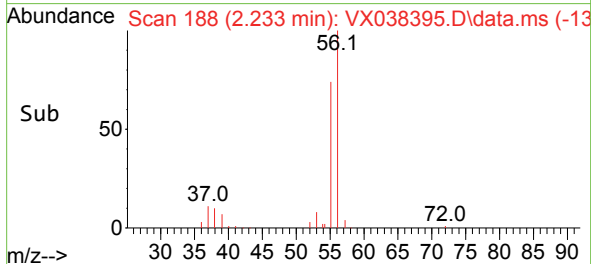
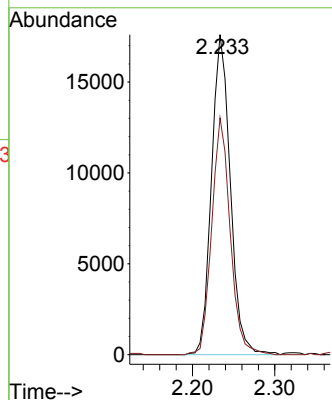
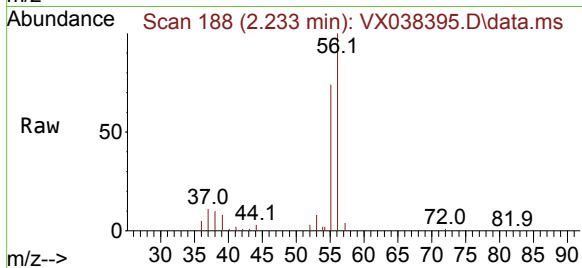
VX1020WBSD01

Tgt Ion: 56 Resp: 27998

Ion Ratio Lower Upper

56 100

55 72.6 57.1 85.7



#14

Allyl chloride

Concen: 17.973 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

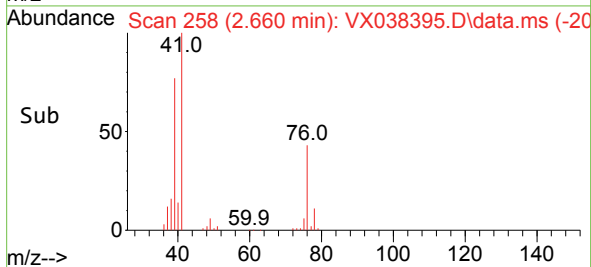
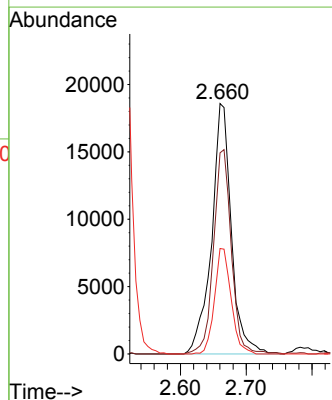
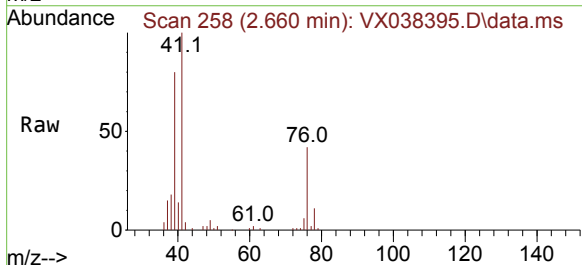
Tgt Ion: 41 Resp: 38875

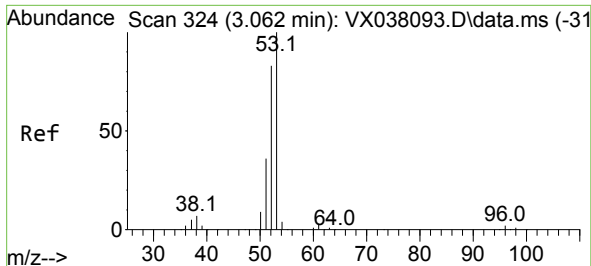
Ion Ratio Lower Upper

41 100

39 73.6 55.8 83.6

76 35.4 24.3 36.5

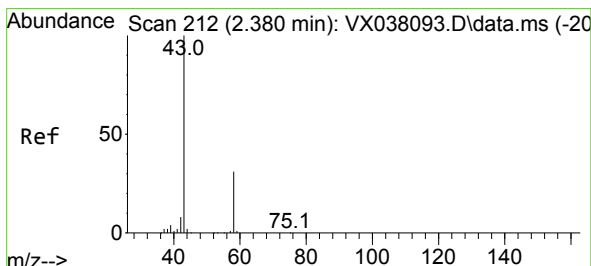
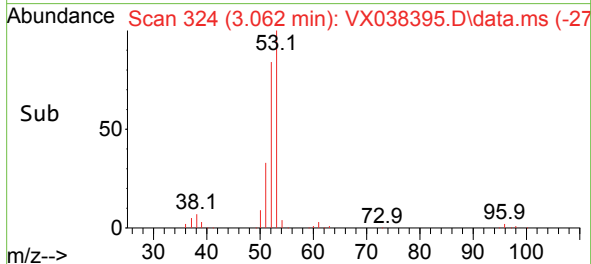
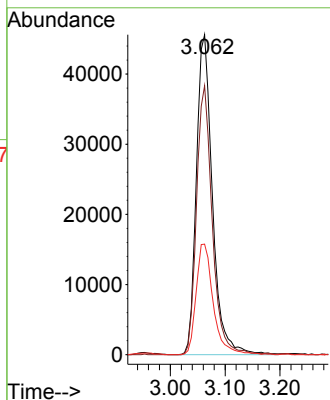
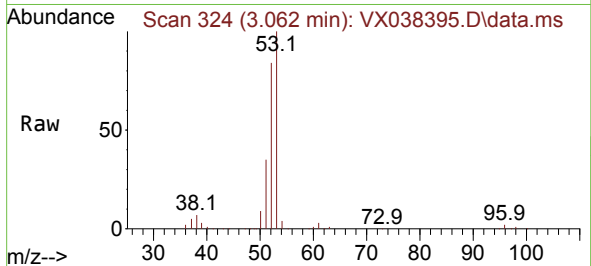




#15
Acrylonitrile
Concen: 96.414 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

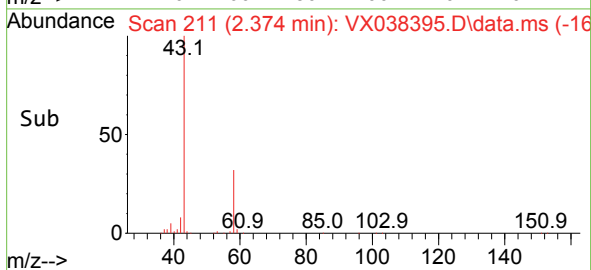
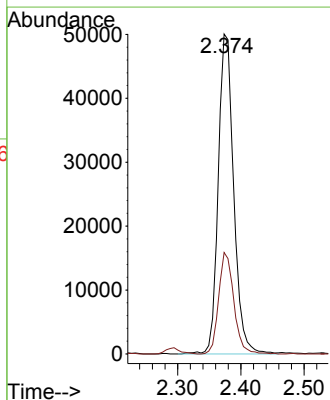
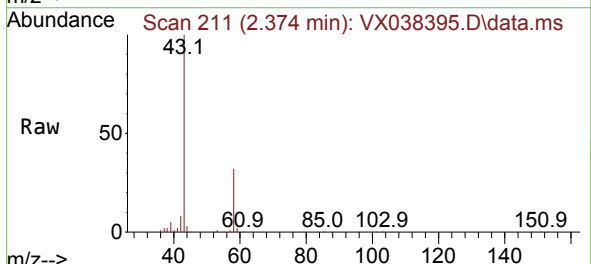
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

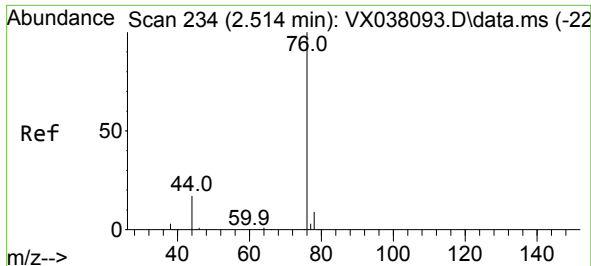
Tgt Ion: 53 Resp: 93278
Ion Ratio Lower Upper
53 100
52 82.0 66.0 99.0
51 36.8 29.8 44.6



#16
Acetone
Concen: 95.533 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion: 43 Resp: 84763
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9

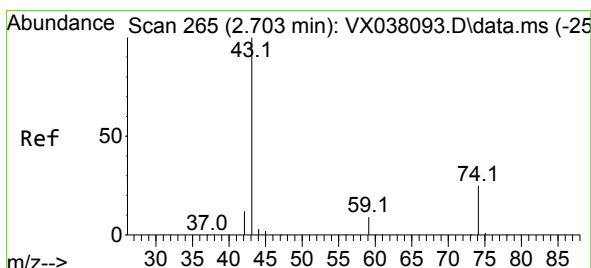
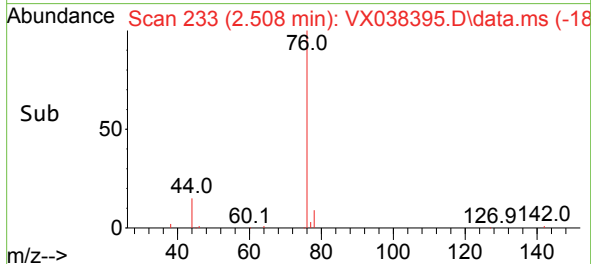
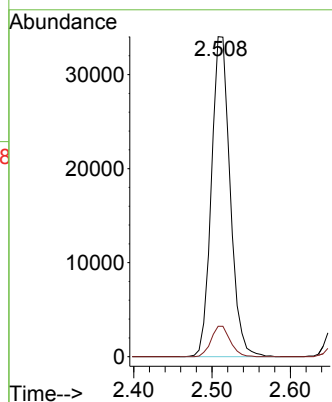
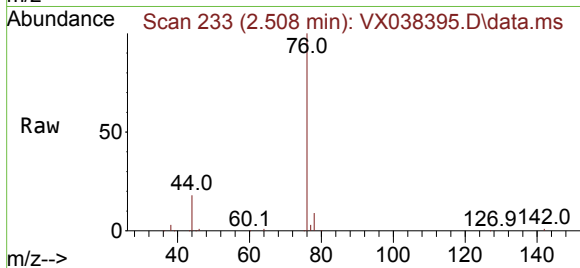




#17
Carbon Disulfide
Concen: 16.187 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

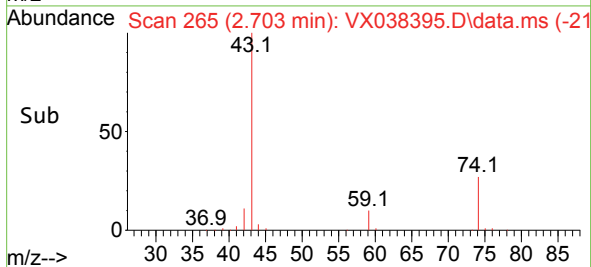
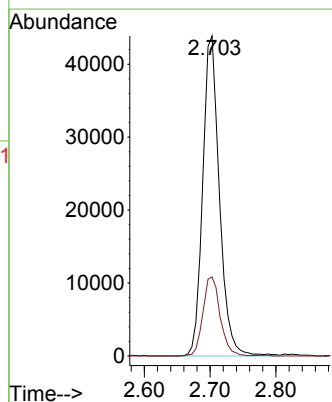
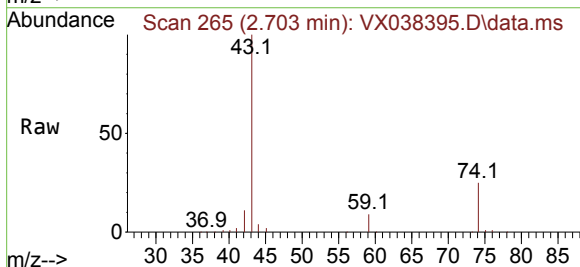
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

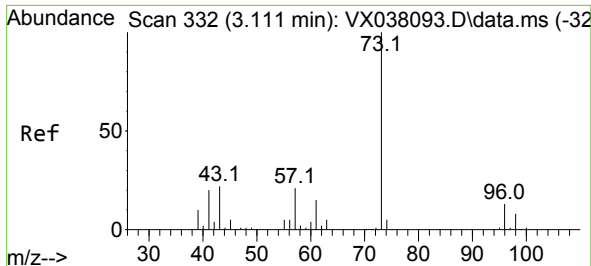
Tgt Ion: 76 Resp: 56419
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 20.367 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion: 43 Resp: 77493
Ion Ratio Lower Upper
43 100
74 25.5 17.8 26.8

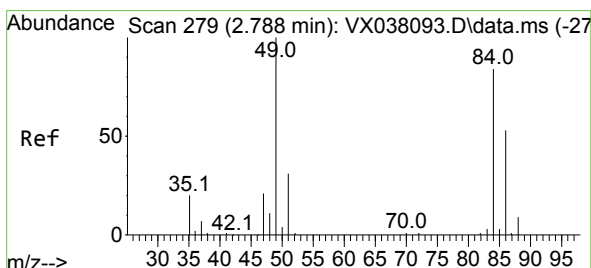
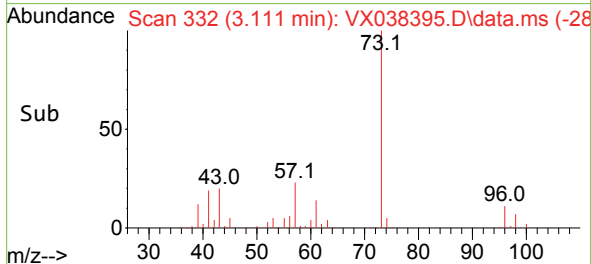
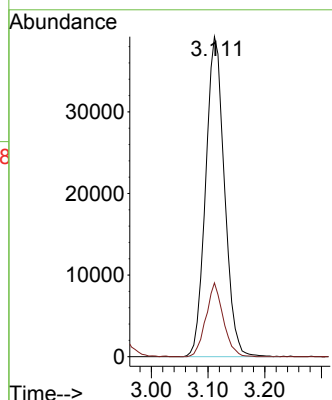
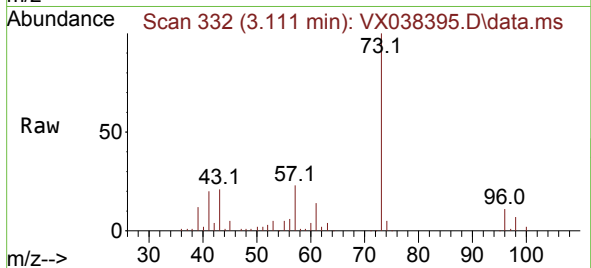




#19
Methyl tert-butyl Ether
Concen: 18.761 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

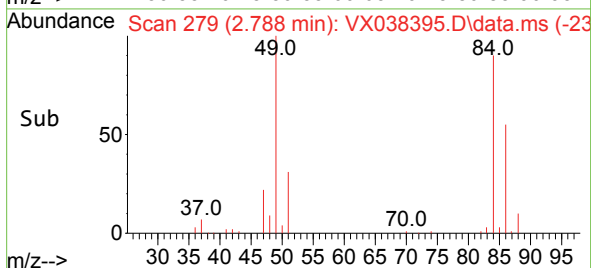
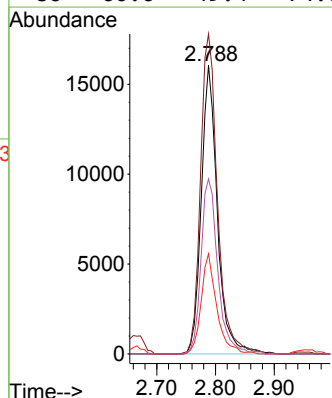
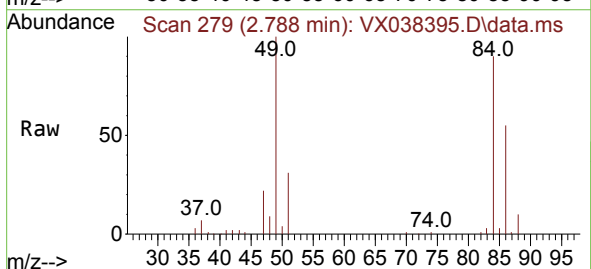
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

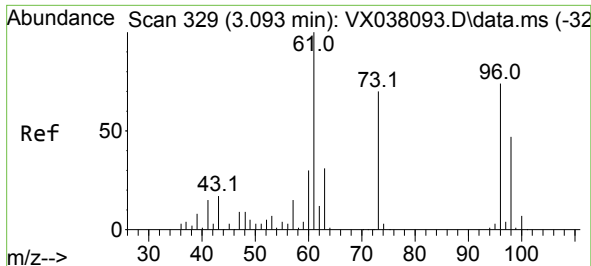
Tgt Ion: 73 Resp: 90357
Ion Ratio Lower Upper
73 100
57 23.0 17.3 25.9



#20
Methylene Chloride
Concen: 18.354 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion: 84 Resp: 30632
Ion Ratio Lower Upper
84 100
49 110.9 103.6 155.4
51 34.7 33.8 50.6
86 60.6 49.4 74.0

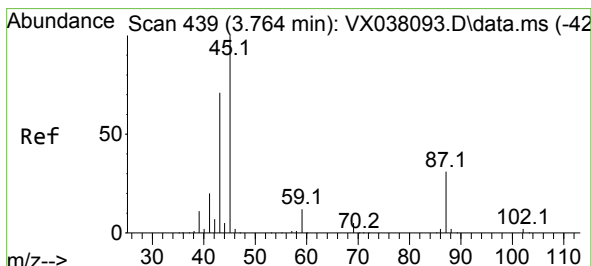
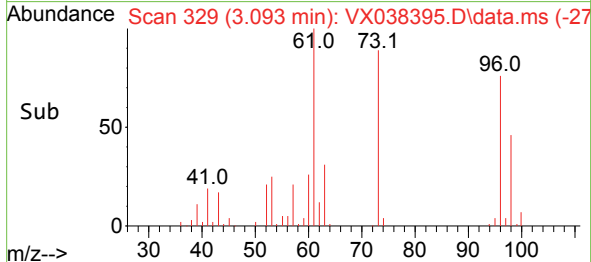
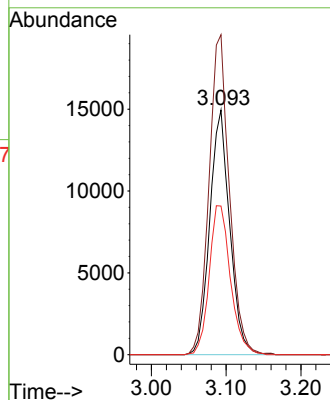
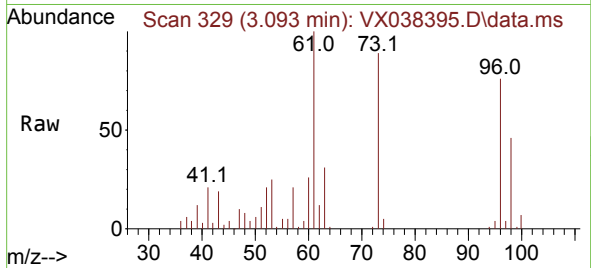




#21
trans-1,2-Dichloroethene
Concen: 18.590 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

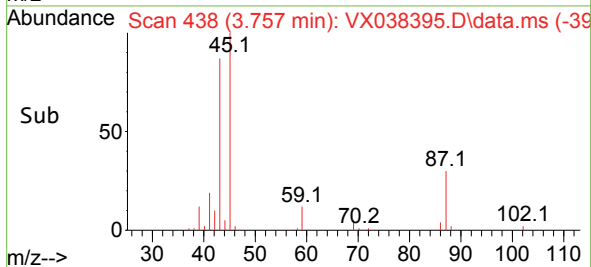
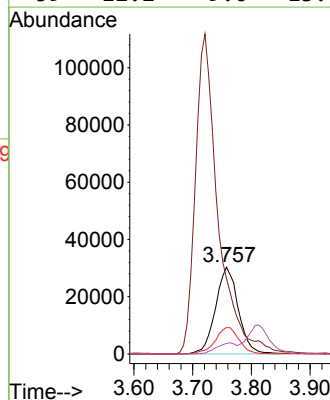
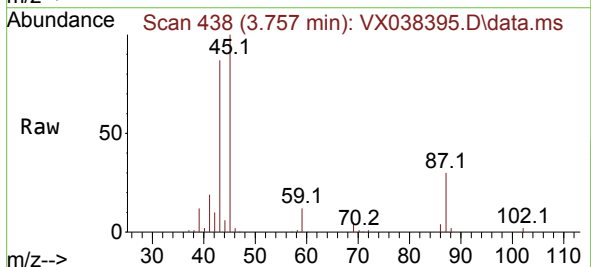
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

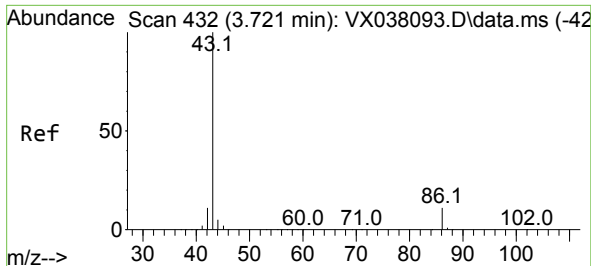
Tgt Ion: 96 Resp: 27835
Ion Ratio Lower Upper
96 100
61 130.8 119.2 178.8
98 60.7 48.7 73.1



#22
Diisopropyl ether
Concen: 18.000 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion: 45 Resp: 81602
Ion Ratio Lower Upper
45 100
43 84.8 69.7 104.5
87 30.4 20.8 31.2
59 12.2 9.0 13.4

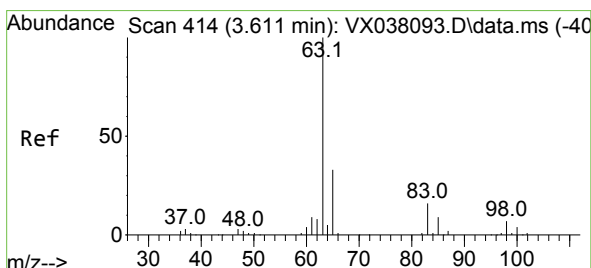
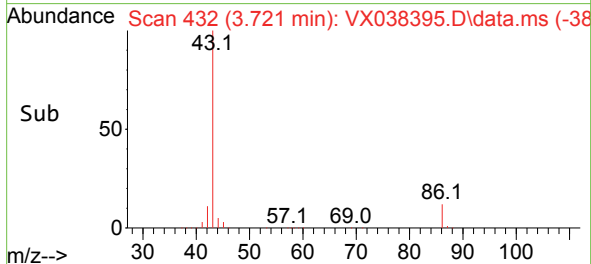
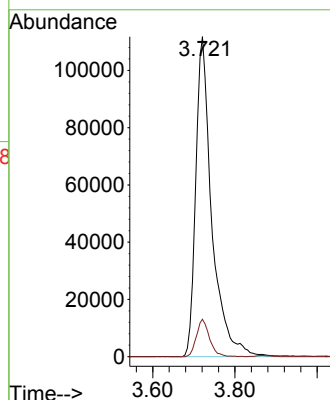
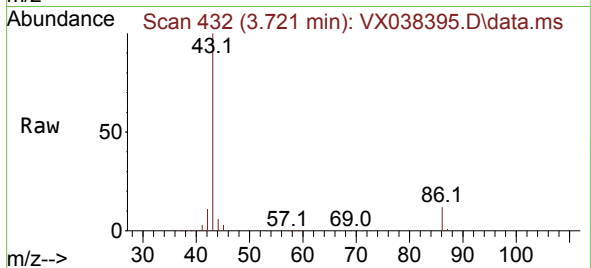




#23
 Vinyl Acetate
 Concen: 91.166 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VX038395.D
 Acq: 20 Oct 2023 11:50

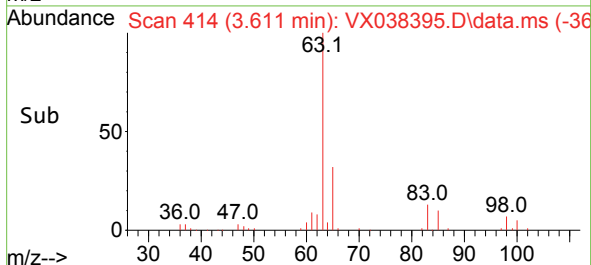
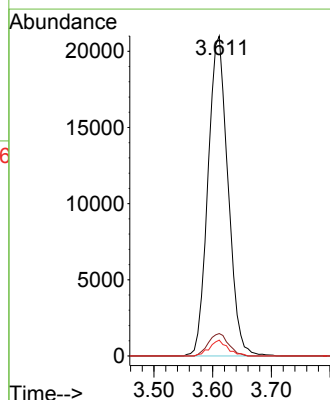
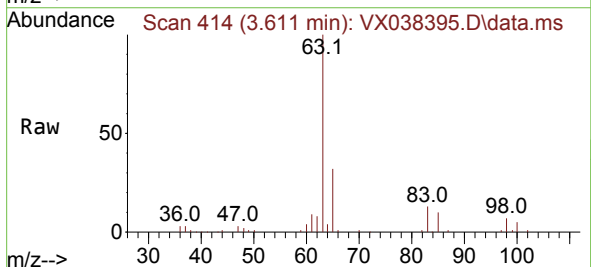
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBSD01

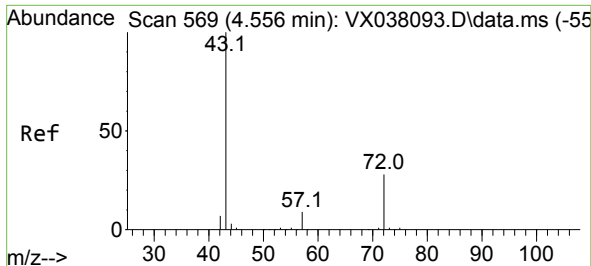
Tgt Ion: 43 Resp: 303083
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 18.043 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038395.D
 Acq: 20 Oct 2023 11:50

Tgt Ion: 63 Resp: 49640
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 5.0 2.1 6.5





#25

2-Butanone

Concen: 93.104 ug/l

RT: 4.550 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

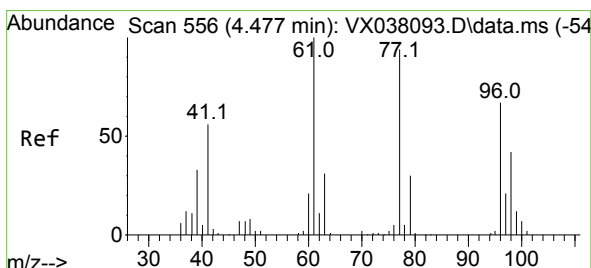
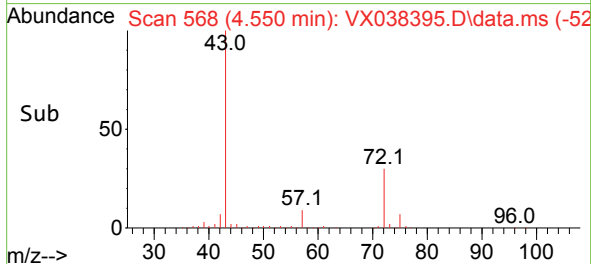
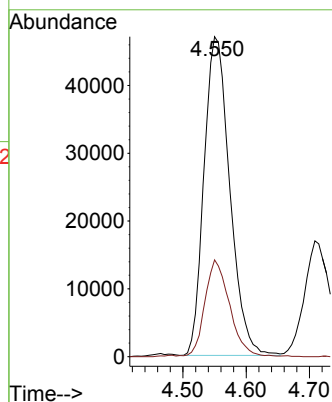
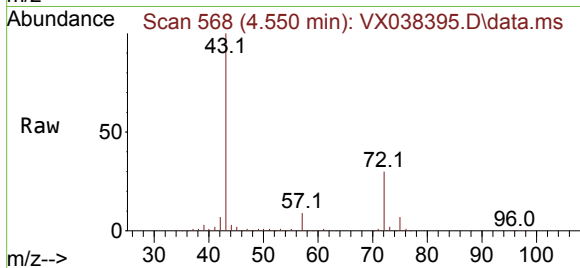
VX1020WBSD01

Tgt Ion: 43 Resp: 133286

Ion Ratio Lower Upper

43 100

72 30.2 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 17.864 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX038395.D

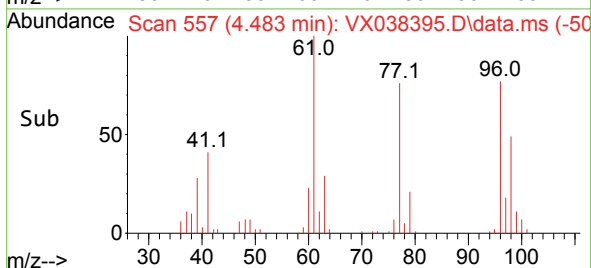
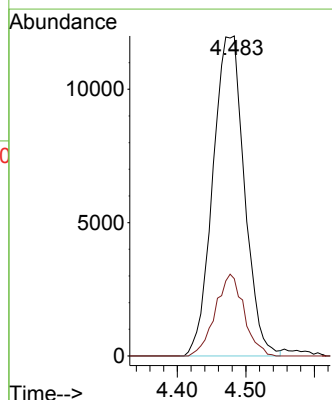
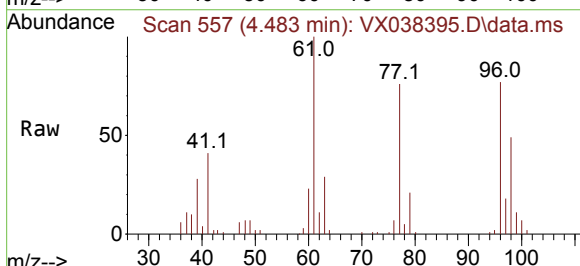
Acq: 20 Oct 2023 11:50

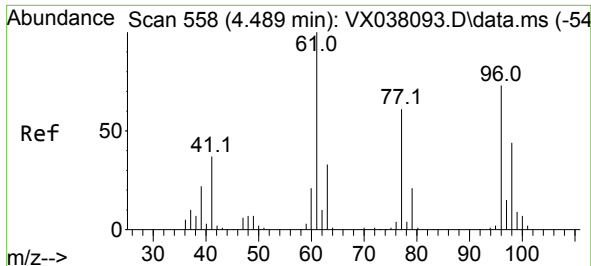
Tgt Ion: 77 Resp: 38372

Ion Ratio Lower Upper

77 100

97 23.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.876 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

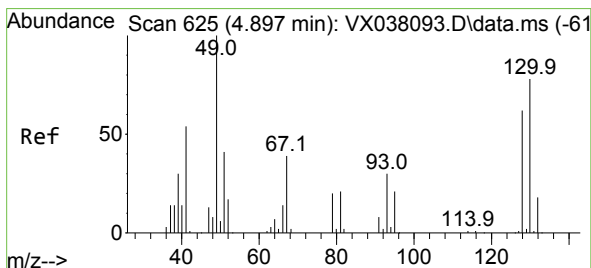
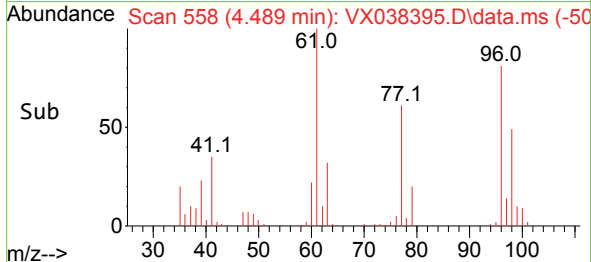
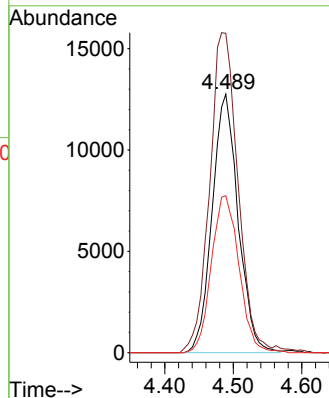
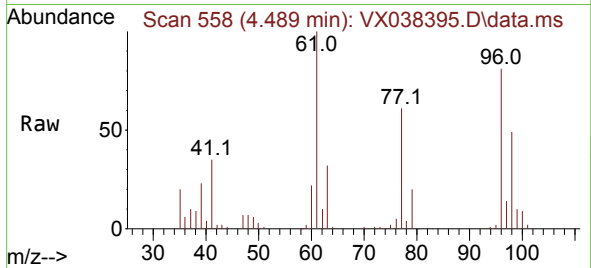
Tgt Ion: 96 Resp: 33660

Ion Ratio Lower Upper

96 100

61 135.5 0.0 312.2

98 64.4 0.0 129.0



#28

Bromochloromethane

Concen: 19.238 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.001 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

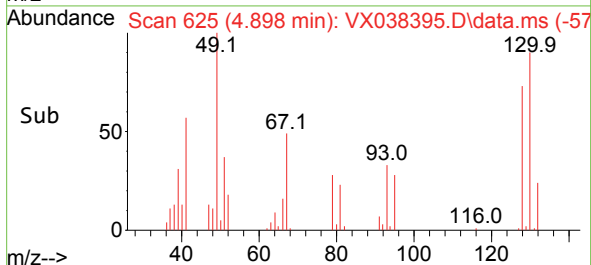
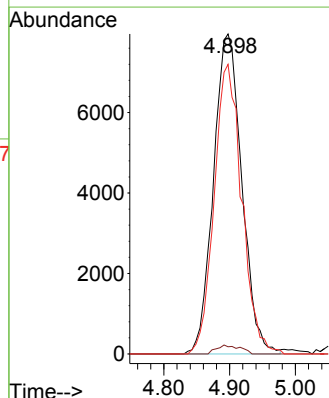
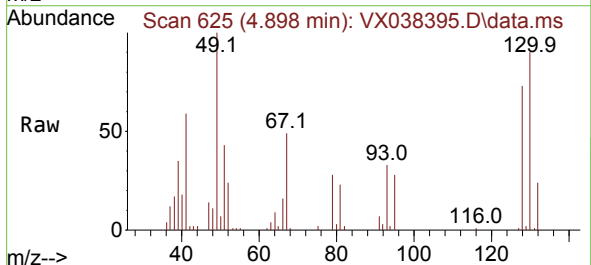
Tgt Ion: 49 Resp: 23893

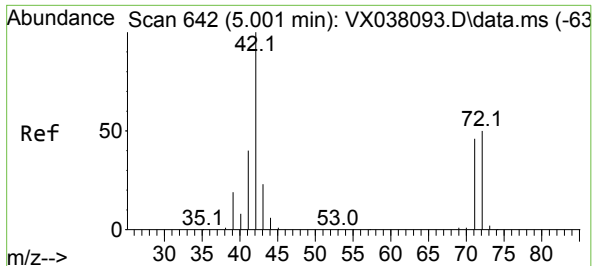
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 88.1 57.5 86.3#





#29

Tetrahydrofuran

Concen: 91.019 ug/l

RT: 5.001 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

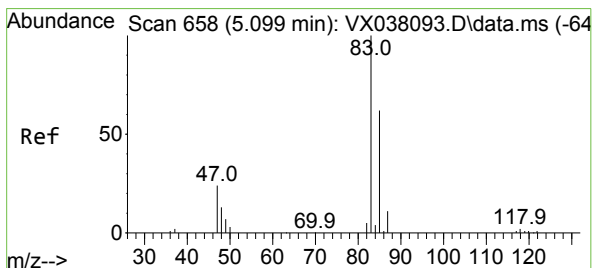
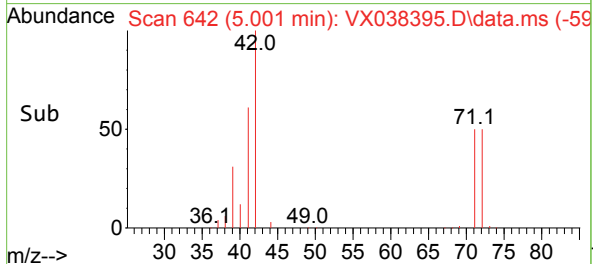
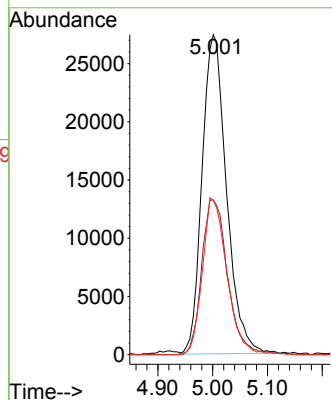
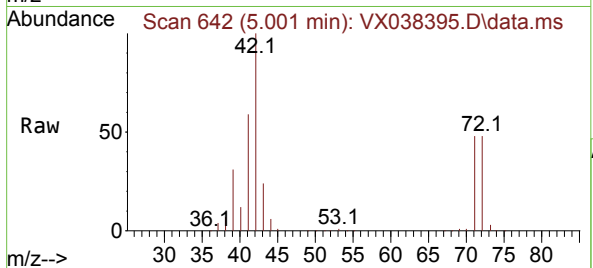
Tgt Ion: 42 Resp: 84834

Ion Ratio Lower Upper

42 100

72 51.4 34.2 51.4#

71 48.9 32.2 48.2#



#30

Chloroform

Concen: 19.410 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX038395.D

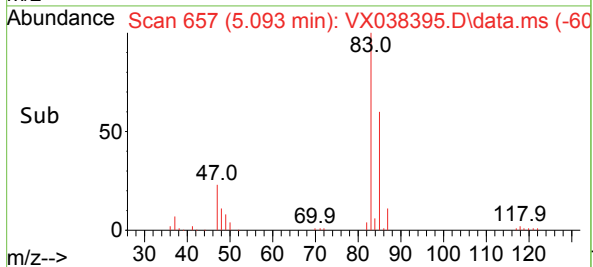
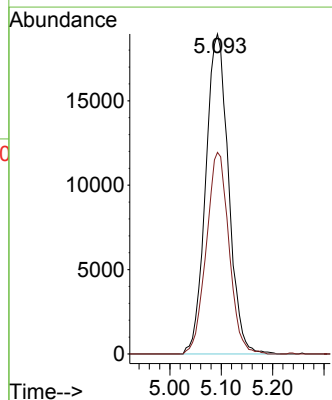
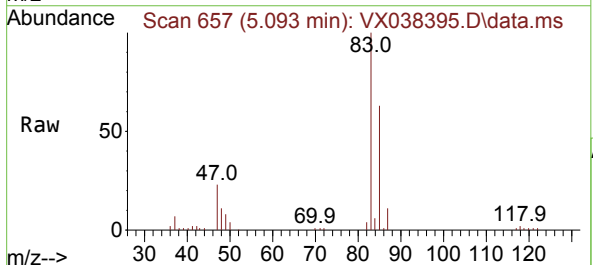
Acq: 20 Oct 2023 11:50

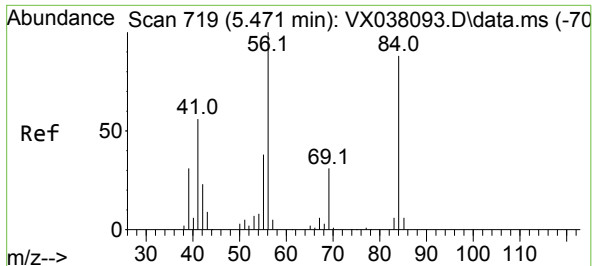
Tgt Ion: 83 Resp: 58395

Ion Ratio Lower Upper

83 100

85 63.0 50.3 75.5

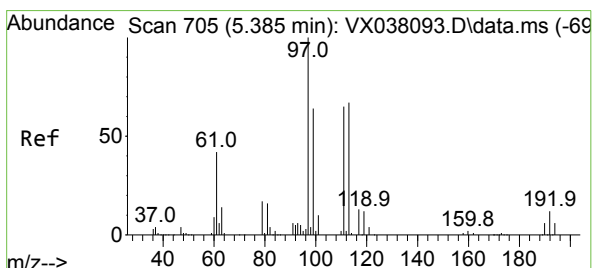
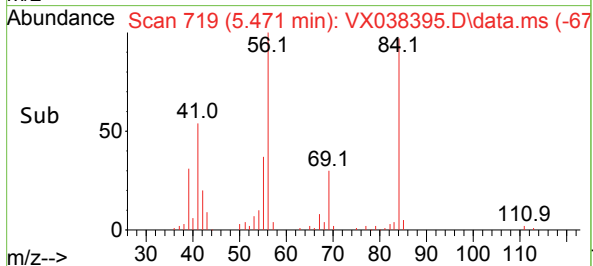
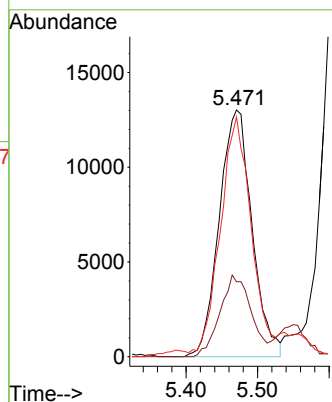
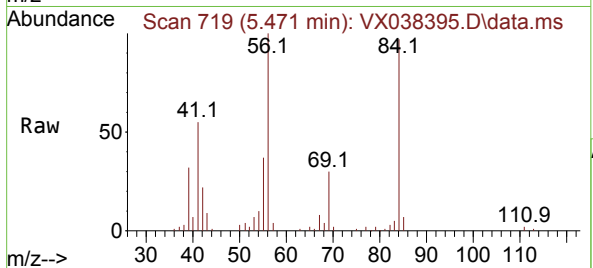




#31
Cyclohexane
Concen: 18.011 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

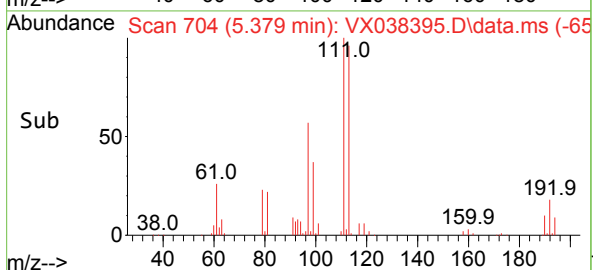
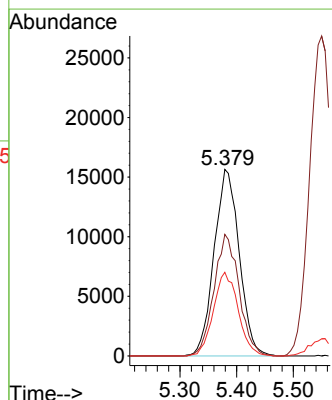
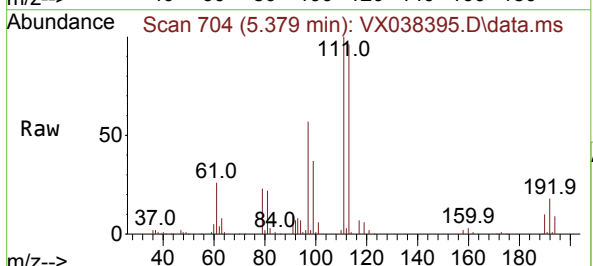
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

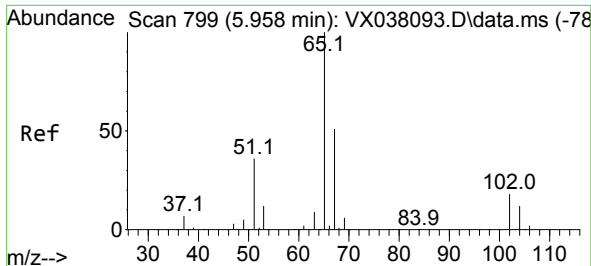
Tgt Ion:	56	Resp:	41486
Ion	Ratio	Lower	Upper
56	100		
69	30.4	23.4	35.2
84	94.7	65.9	98.9



#32
1,1,1-Trichloroethane
Concen: 18.680 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion:	97	Resp:	48135
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.1	76.7
61	44.2	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 46.010 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

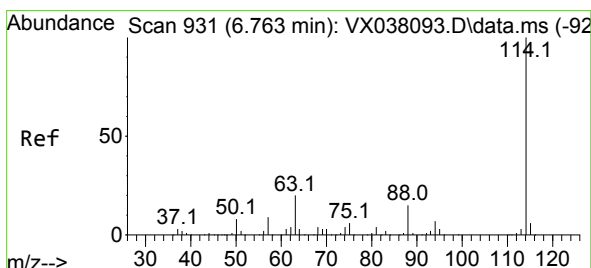
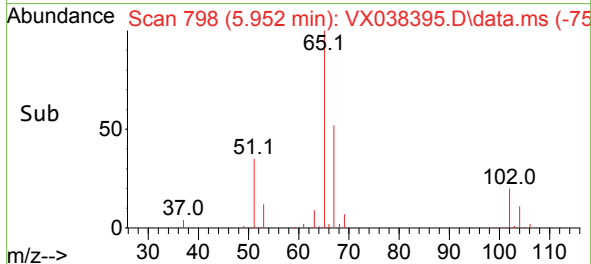
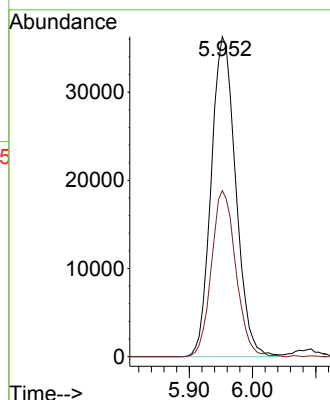
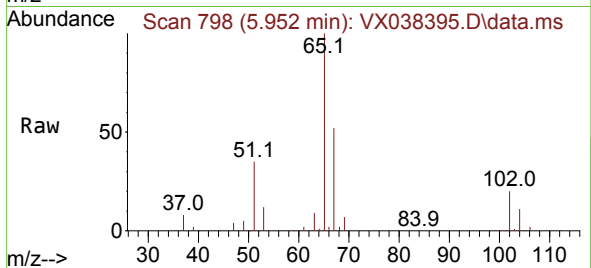
VX1020WBSD01

Tgt Ion: 65 Resp: 97814

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

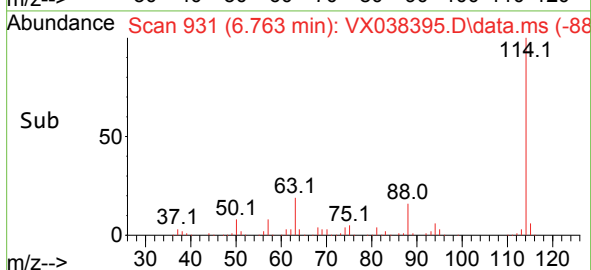
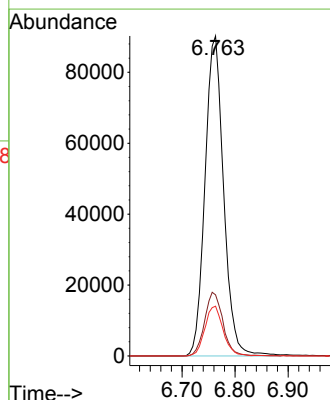
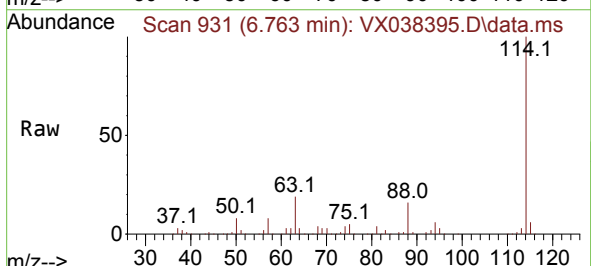
Tgt Ion:114 Resp: 219858

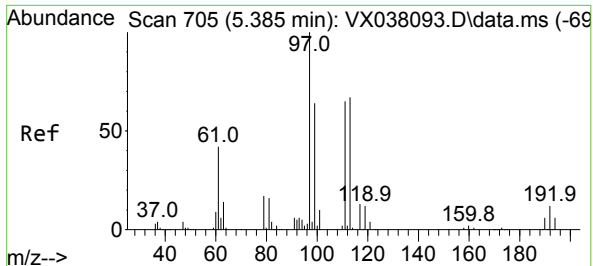
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

88 15.5 0.0 36.6

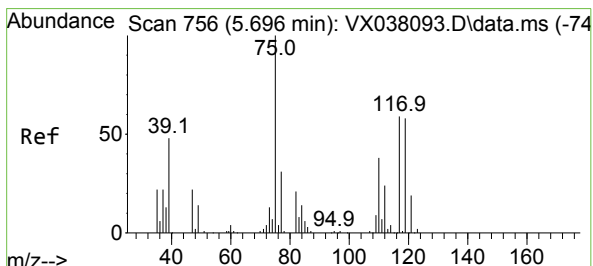
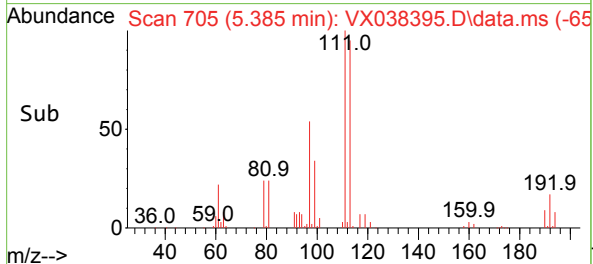
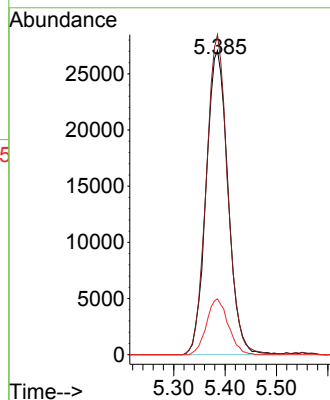
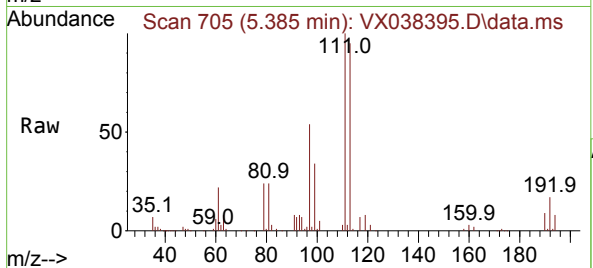




#35
Dibromofluoromethane
Concen: 50.641 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

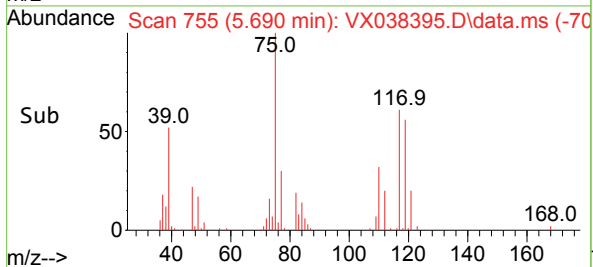
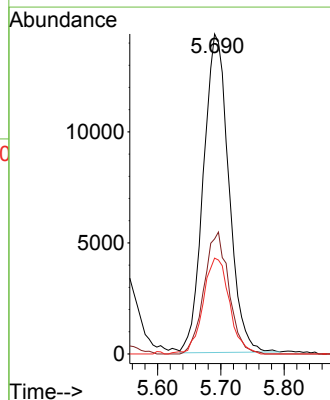
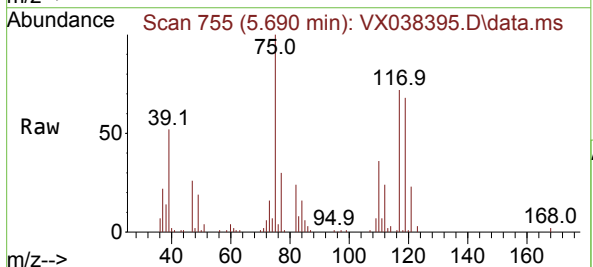
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

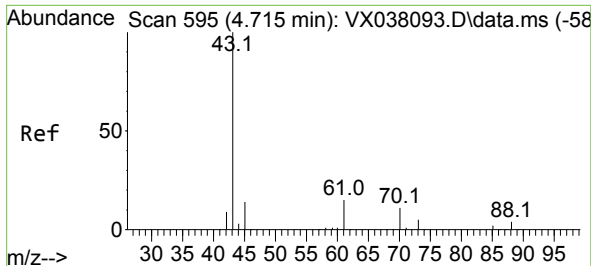
Tgt Ion:113 Resp: 80227
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 18.341 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion: 75 Resp: 40068
Ion Ratio Lower Upper
75 100
110 37.4 17.0 50.9
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 18.606 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

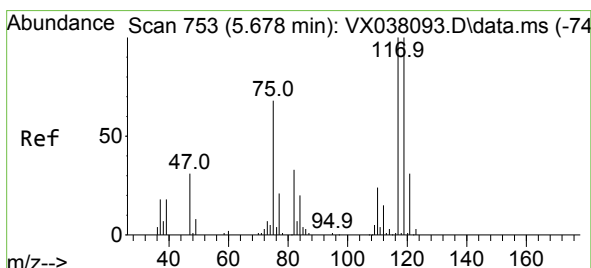
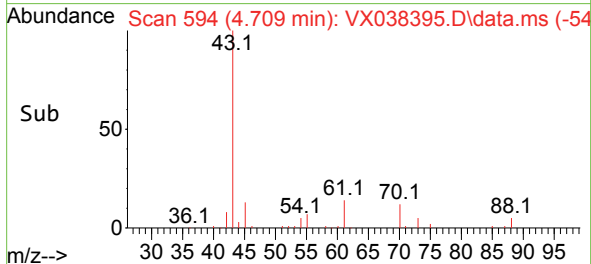
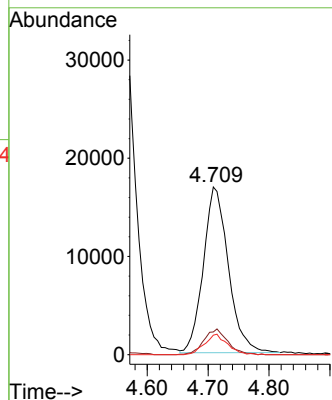
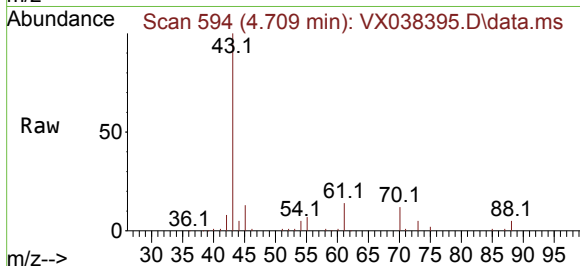
Tgt Ion: 43 Resp: 48273

Ion Ratio Lower Upper

43 100

61 14.8 10.6 16.0

70 11.2 8.3 12.5



#38

Carbon Tetrachloride

Concen: 18.553 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

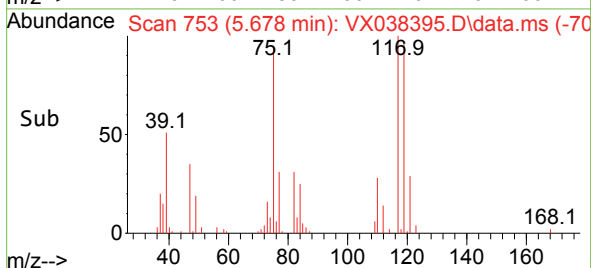
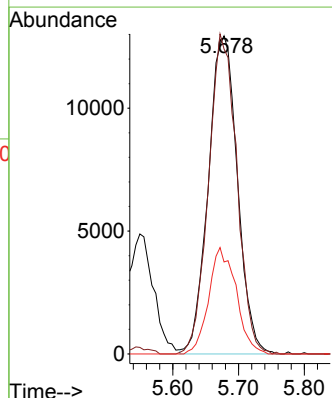
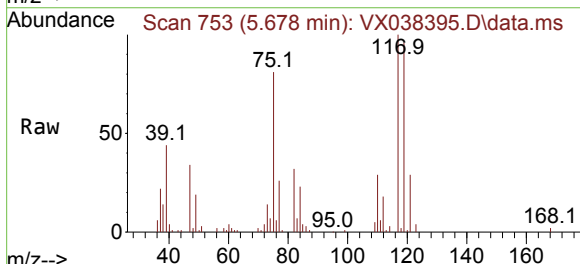
Tgt Ion: 117 Resp: 39873

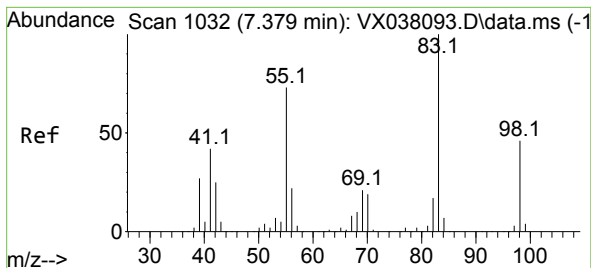
Ion Ratio Lower Upper

117 100

119 95.9 78.2 117.2

121 28.9 24.4 36.6





#39

Methylcyclohexane

Concen: 18.783 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

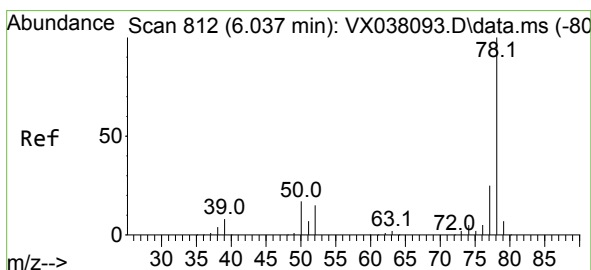
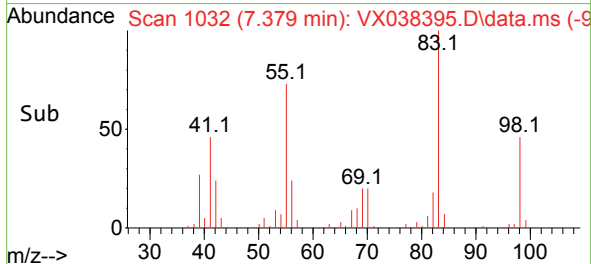
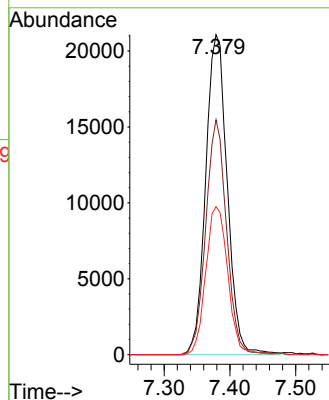
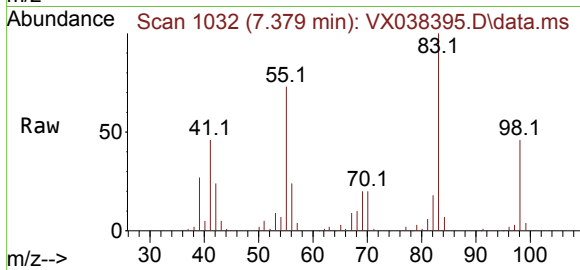
Tgt Ion: 83 Resp: 48062

Ion Ratio Lower Upper

83 100

55 73.4 64.6 97.0

98 46.2 36.7 55.1



#40

Benzene

Concen: 19.454 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX038395.D

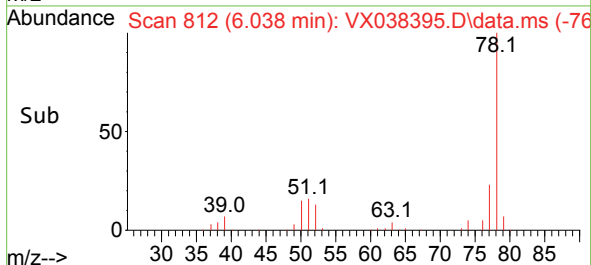
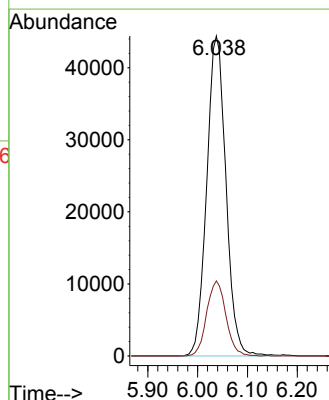
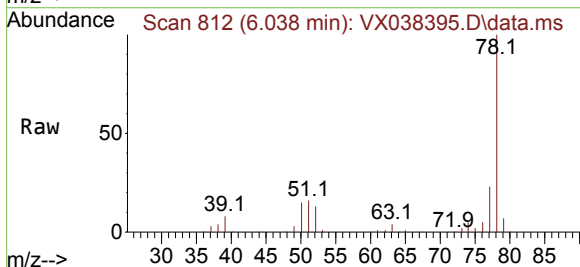
Acq: 20 Oct 2023 11:50

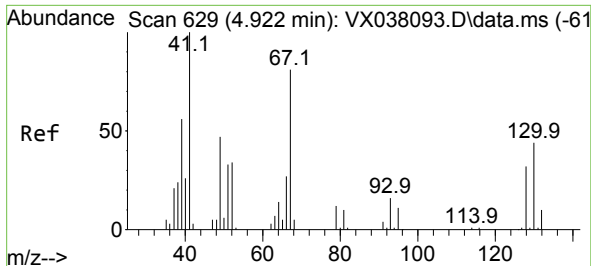
Tgt Ion: 78 Resp: 118869

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9

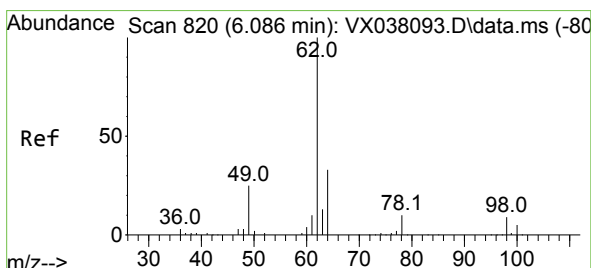
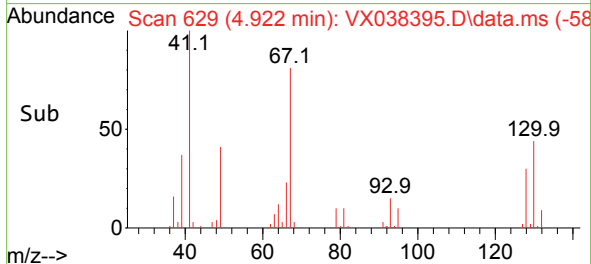
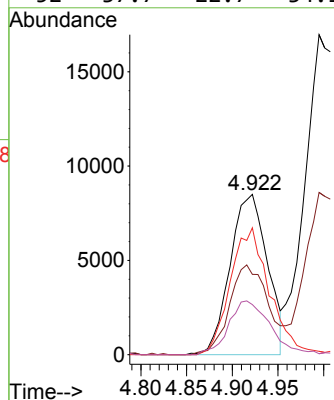
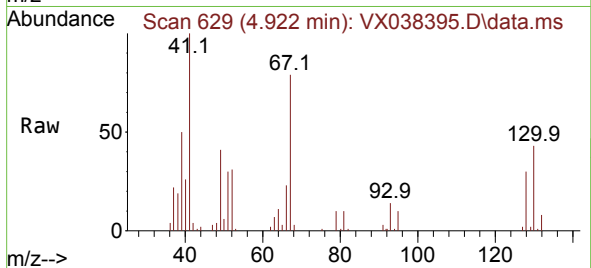




#41
Methacrylonitrile
Concen: 18.696 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

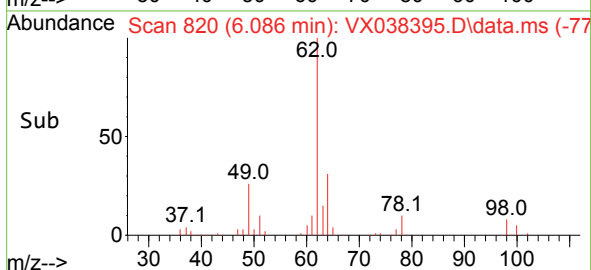
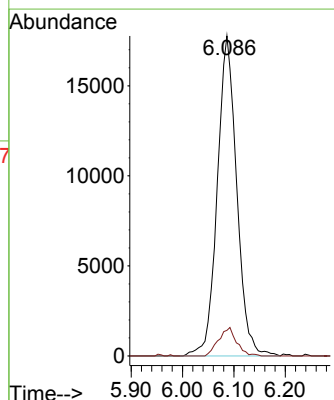
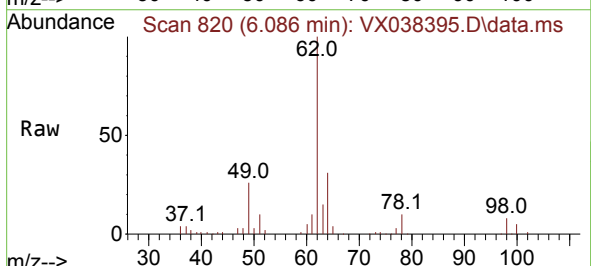
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

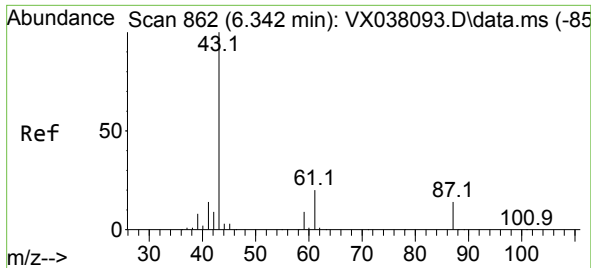
Tgt Ion:	41	Resp:	24131
Ion	Ratio	Lower	Upper
41	100		
39	59.3	45.2	67.8
67	84.0	52.6	78.8#
52	37.7	22.7	34.1#



#42
1,2-Dichloroethane
Concen: 19.142 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion:	62	Resp:	46731
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.0

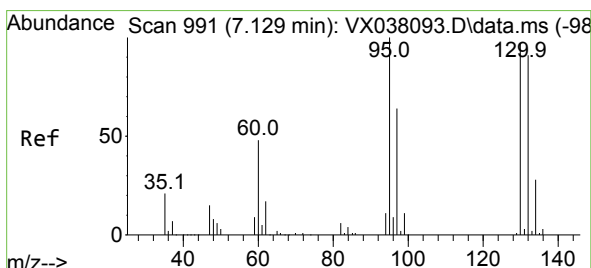
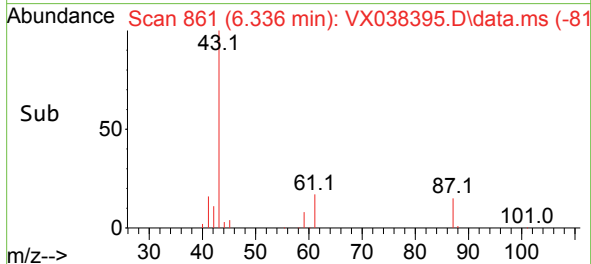
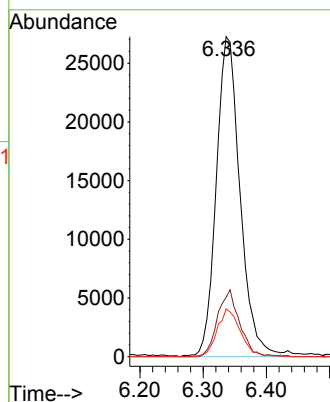
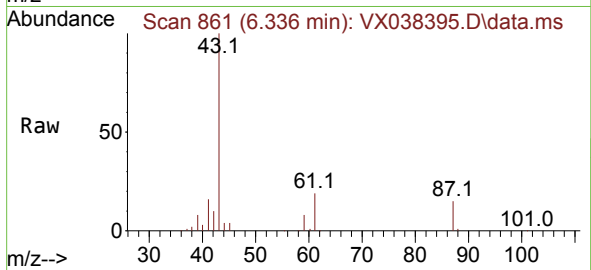




#43
Isopropyl Acetate
Concen: 18.301 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

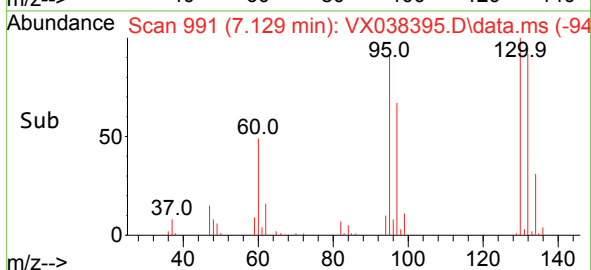
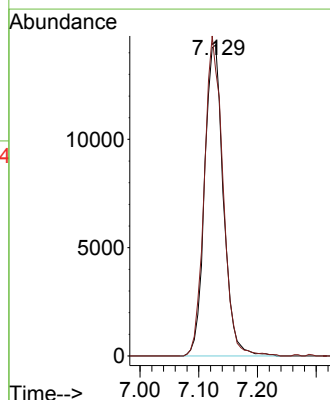
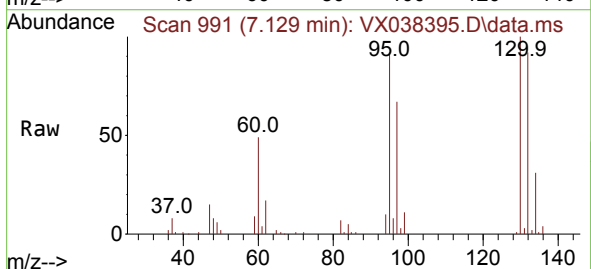
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

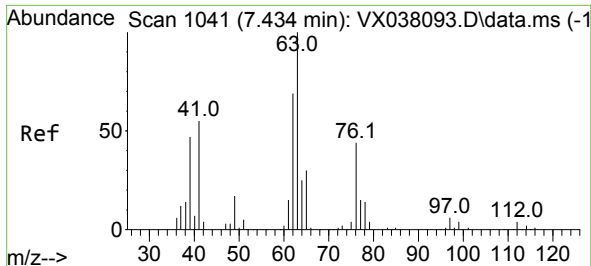
Tgt Ion: 43 Resp: 70882
Ion Ratio Lower Upper
43 100
61 19.6 15.2 22.8
87 14.6 9.8 14.6



#44
Trichloroethene
Concen: 20.014 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion:130 Resp: 31985
Ion Ratio Lower Upper
130 100
95 91.6 0.0 204.4

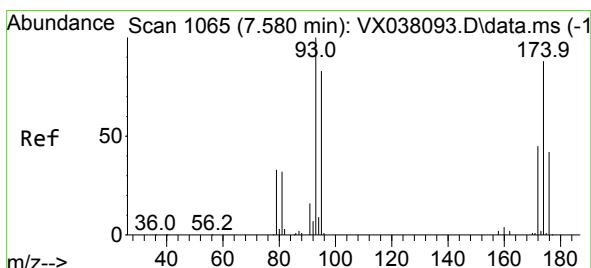
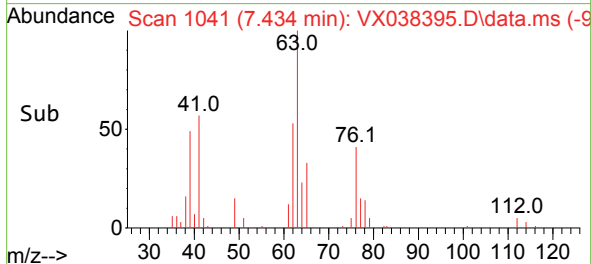
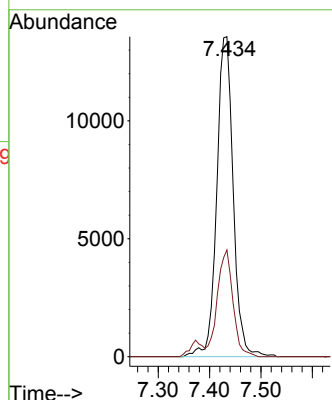
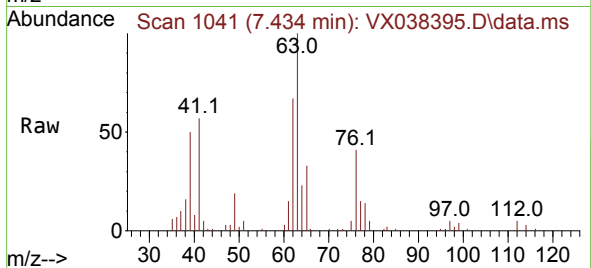




#45
1,2-Dichloropropane
Concen: 19.079 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

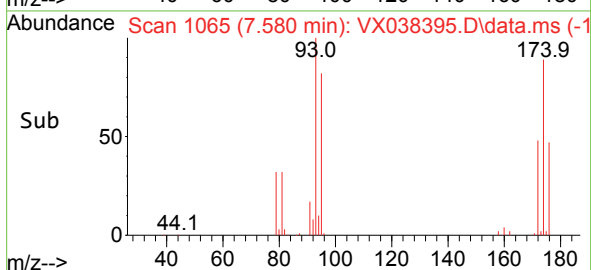
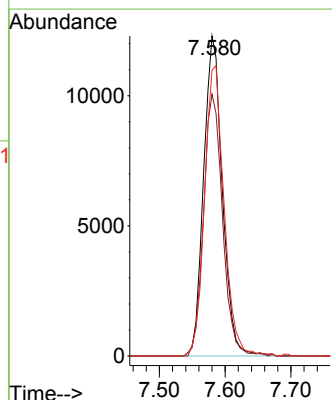
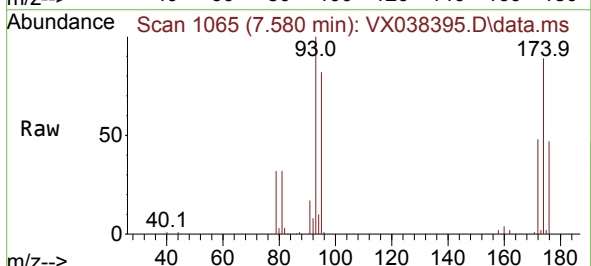
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

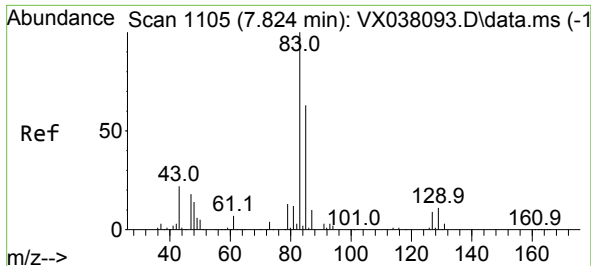
Tgt Ion: 63 Resp: 30172
Ion Ratio Lower Upper
63 100
65 33.3 24.3 36.5



#46
Dibromomethane
Concen: 19.859 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion: 93 Resp: 24358
Ion Ratio Lower Upper
93 100
95 83.0 66.6 100.0
174 94.3 69.4 104.0

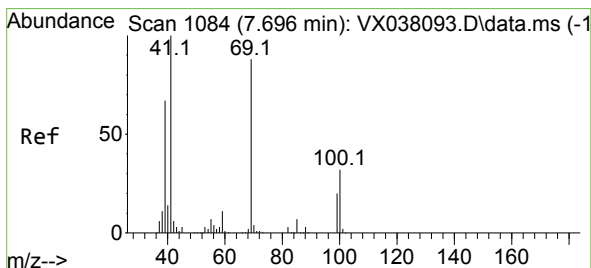
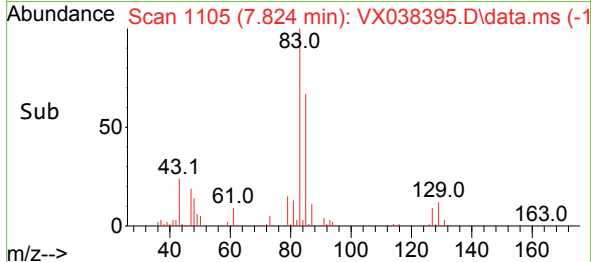
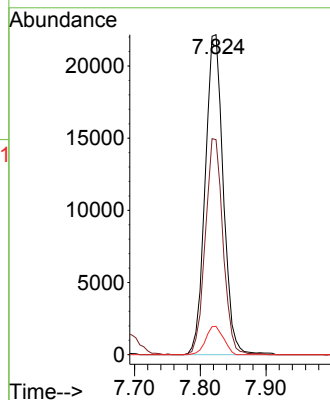
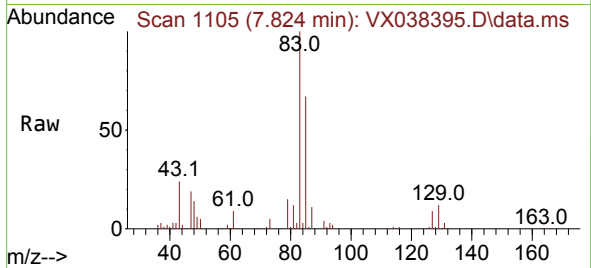




#47
Bromodichloromethane
Concen: 19.388 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

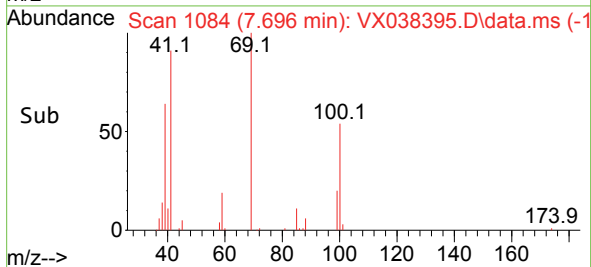
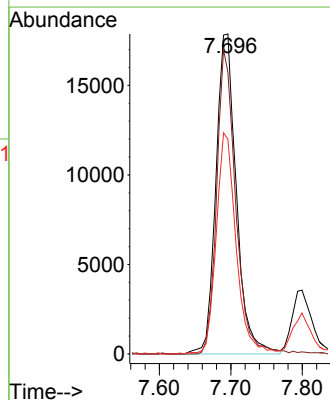
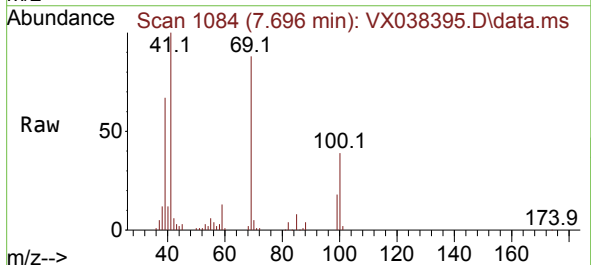
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

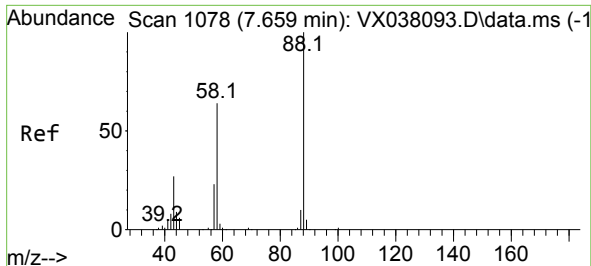
Tgt Ion:	83	Resp:	42304
Ion	Ratio	Lower	Upper
83	100		
85	67.2	49.8	74.6
127	8.8	7.1	10.7



#48
Methyl methacrylate
Concen: 19.172 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion:	41	Resp:	35449
Ion	Ratio	Lower	Upper
41	100		
69	88.5	59.2	88.8
39	67.2	47.7	71.5

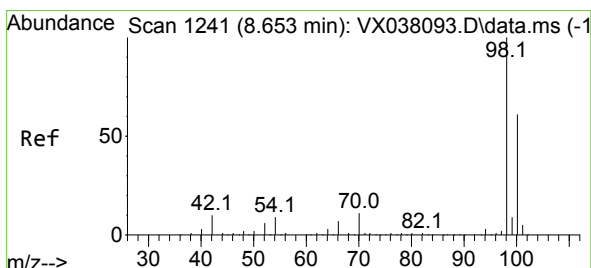
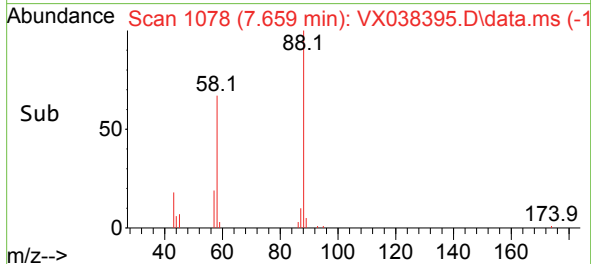
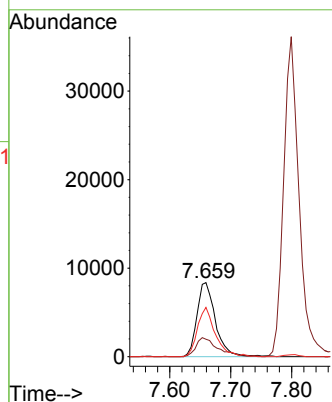
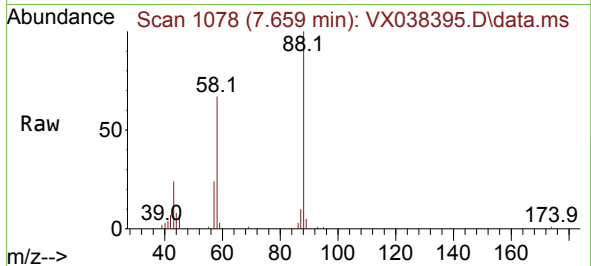




#49
1,4-Dioxane
Concen: 387.373 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

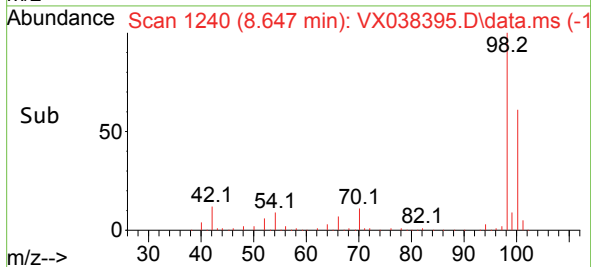
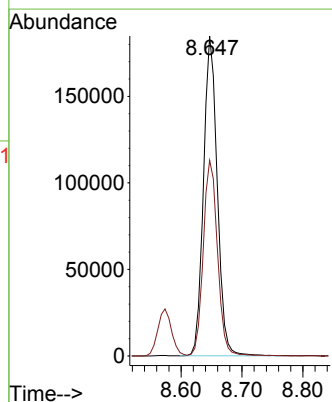
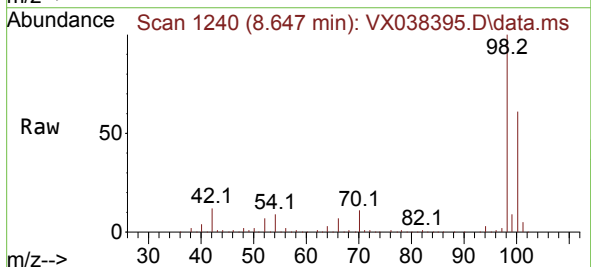
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

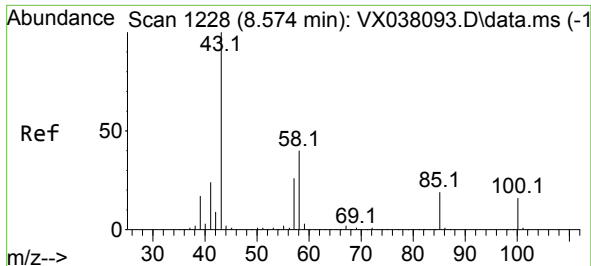
Tgt Ion: 88 Resp: 17650
Ion Ratio Lower Upper
88 100
43 29.8 0.0 0.0#
58 64.3 60.1 90.1



#50
Toluene-d8
Concen: 48.067 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion: 98 Resp: 290980
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7

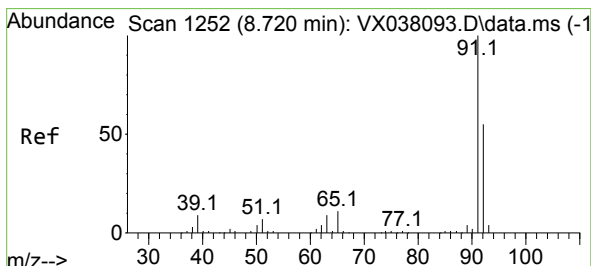
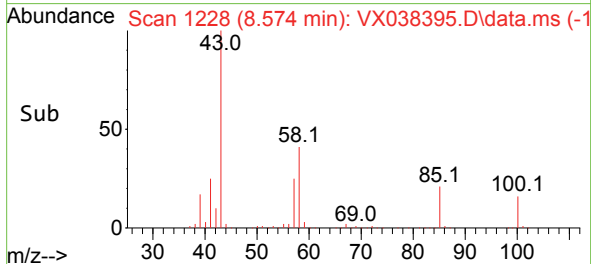
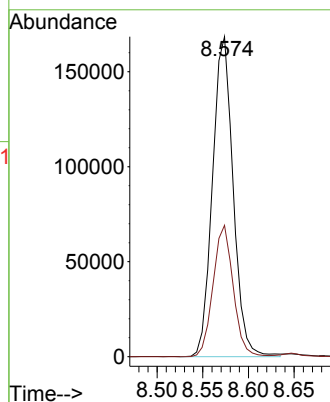
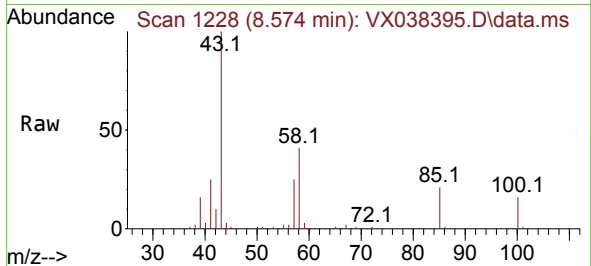




#51
4-Methyl-2-Pentanone
Concen: 99.076 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

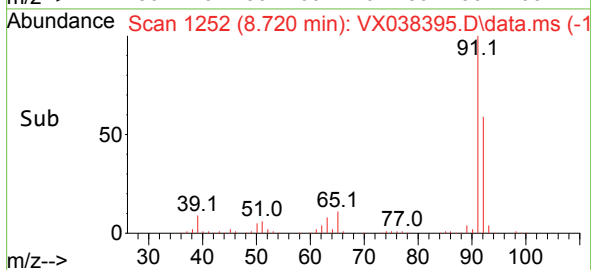
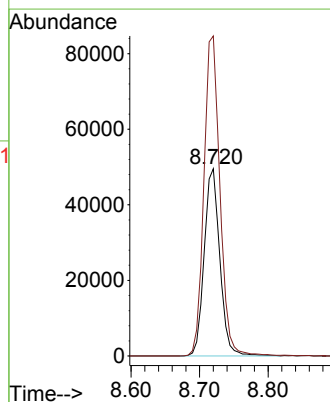
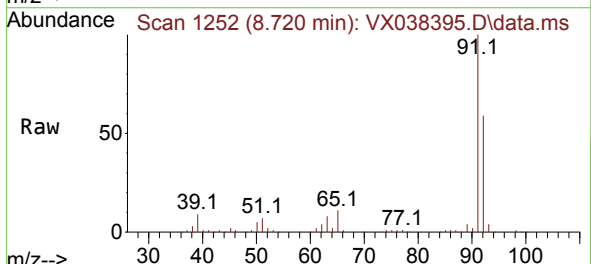
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

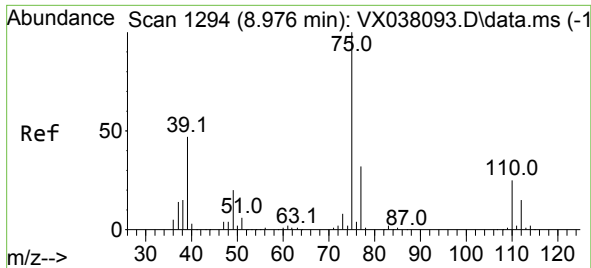
Tgt Ion: 43 Resp: 264687
Ion Ratio Lower Upper
43 100
58 40.0 30.4 45.6



#52
Toluene
Concen: 19.809 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion: 92 Resp: 78843
Ion Ratio Lower Upper
92 100
91 175.4 134.2 201.2

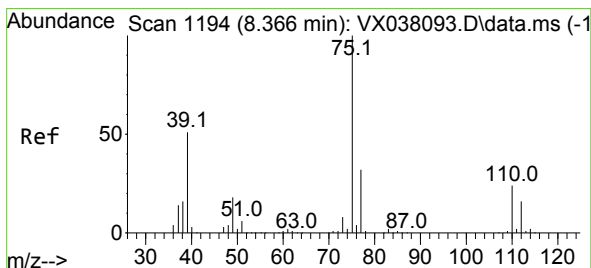
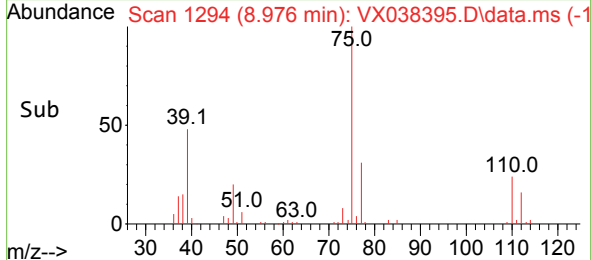
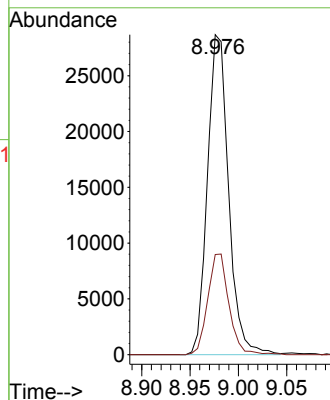
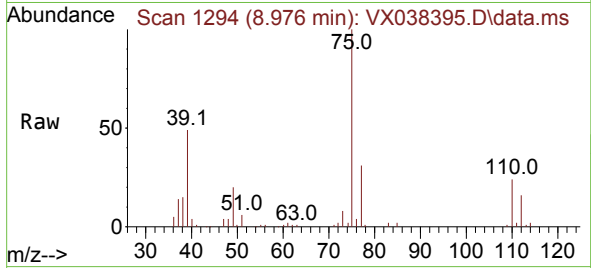




#53
 t-1,3-Dichloropropene
 Concen: 18.634 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX038395.D
 Acq: 20 Oct 2023 11:50

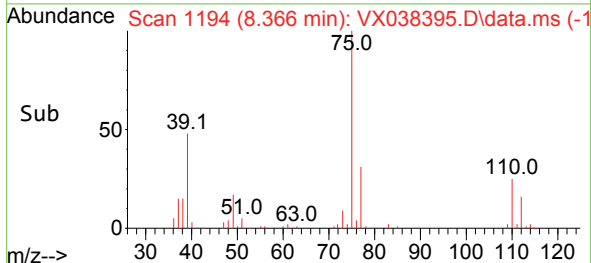
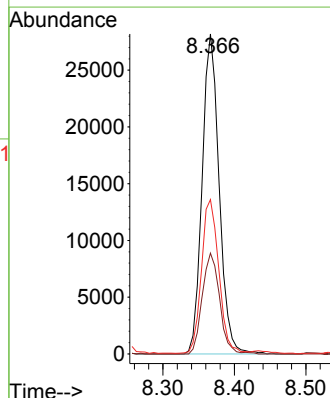
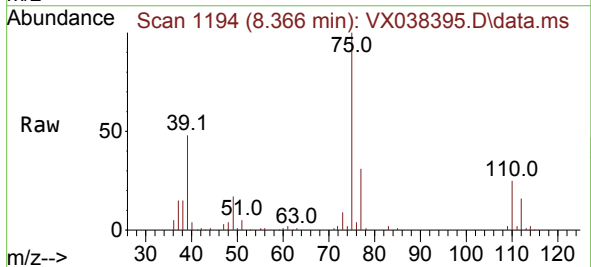
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBSD01

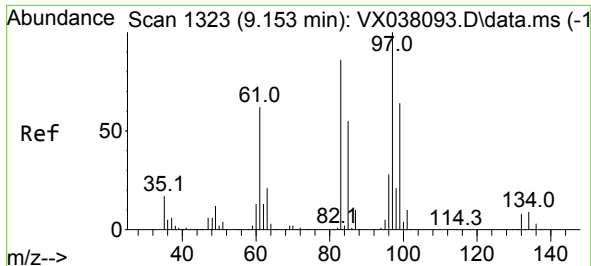
Tgt Ion: 75 Resp: 43643
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 18.936 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX038395.D
 Acq: 20 Oct 2023 11:50

Tgt Ion: 75 Resp: 46597
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 48.0 46.7 70.1

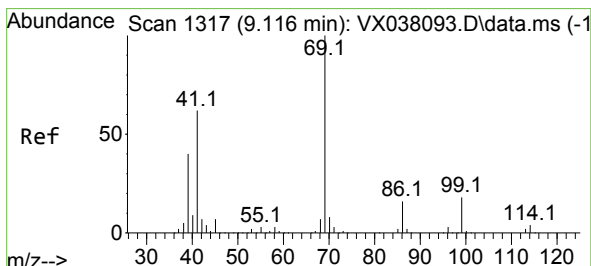
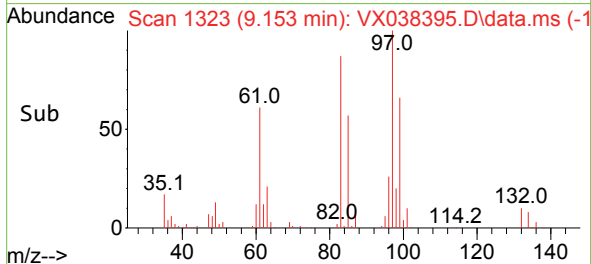
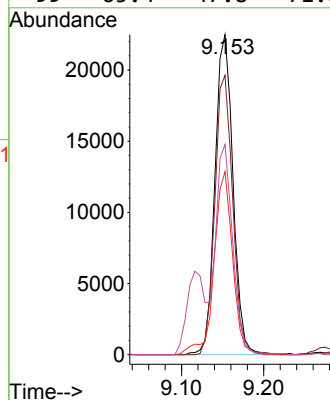
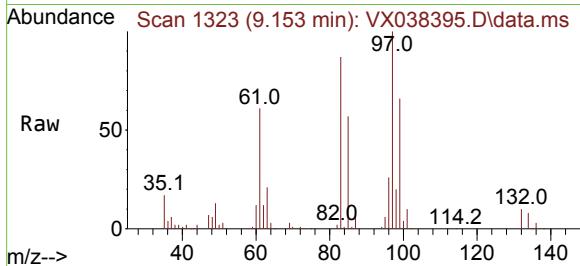




#55
1,1,2-Trichloroethane
Concen: 20.137 ug/l
RT: 9.153 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

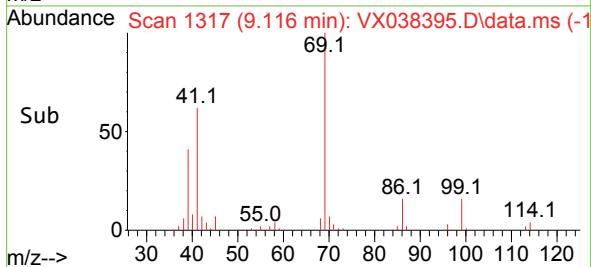
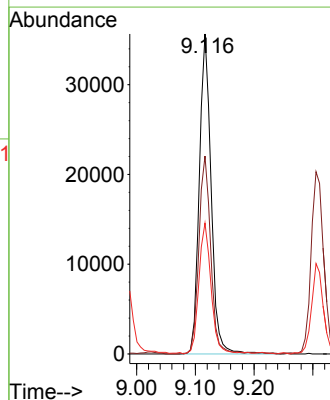
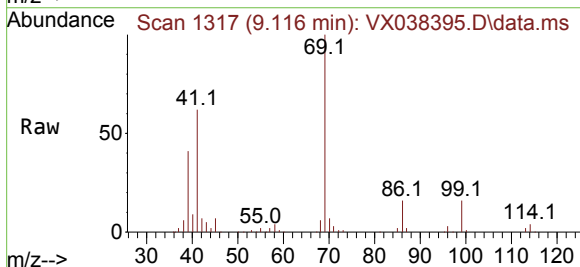
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

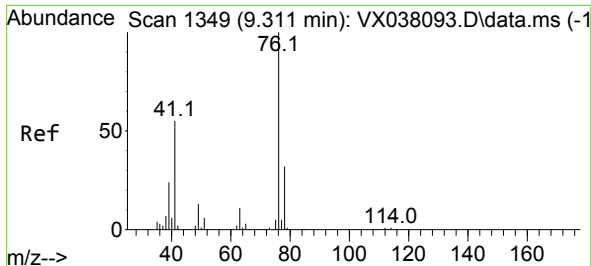
Tgt Ion: 97	Resp: 34282
Ion Ratio	Lower Upper
97 100	
83 87.3	65.8 98.8
85 57.2	41.6 62.4
99 65.4	47.8 71.8



#56
Ethyl methacrylate
Concen: 19.011 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion: 69	Resp: 49623
Ion Ratio	Lower Upper
69 100	
41 62.4	56.8 85.2
39 42.2	32.0 48.0





#57

1,3-Dichloropropane

Concen: 20.197 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

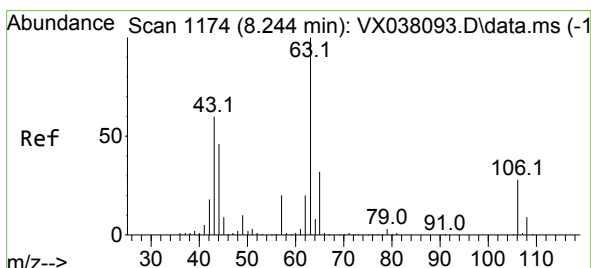
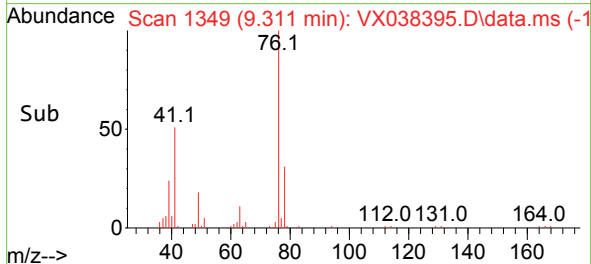
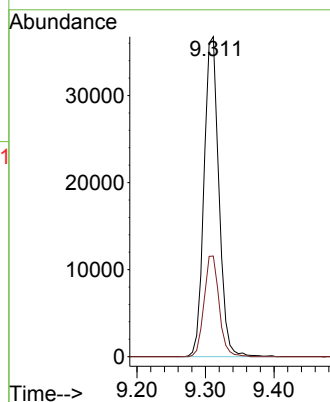
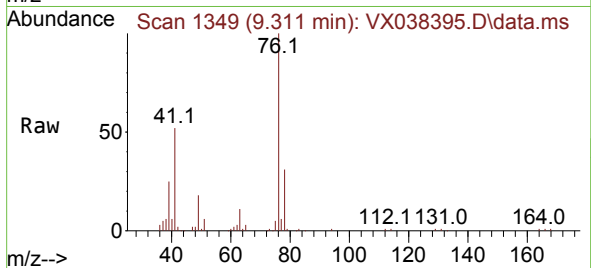
VX1020WBSD01

Tgt Ion: 76 Resp: 55613

Ion Ratio Lower Upper

76 100

78 31.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 96.579 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038395.D

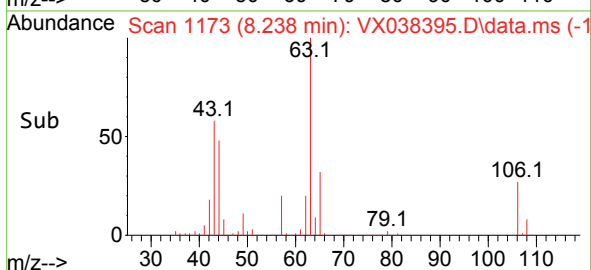
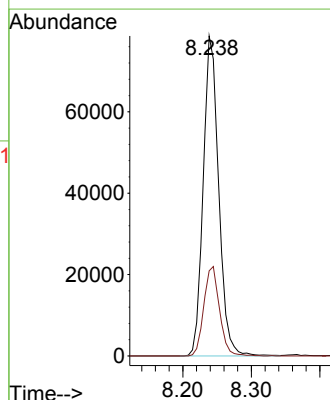
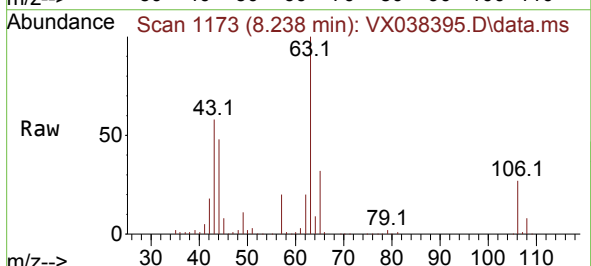
Acq: 20 Oct 2023 11:50

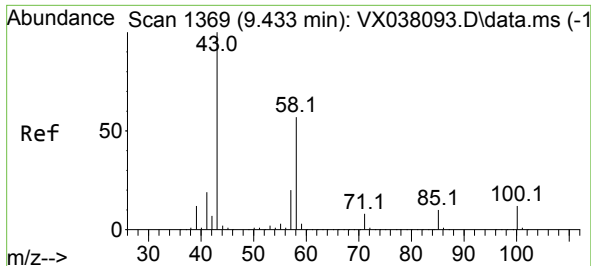
Tgt Ion: 63 Resp: 123743

Ion Ratio Lower Upper

63 100

106 28.3 22.5 33.7

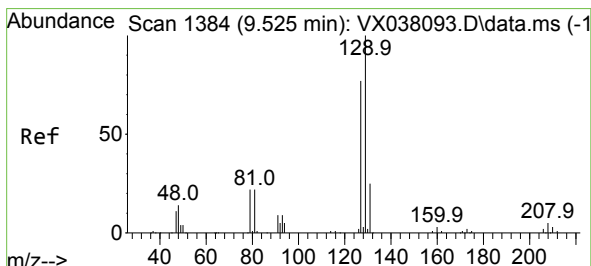
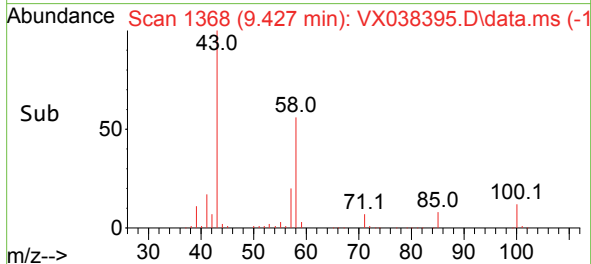
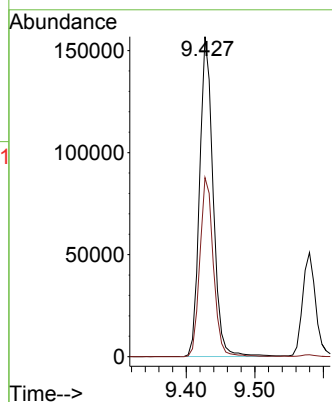
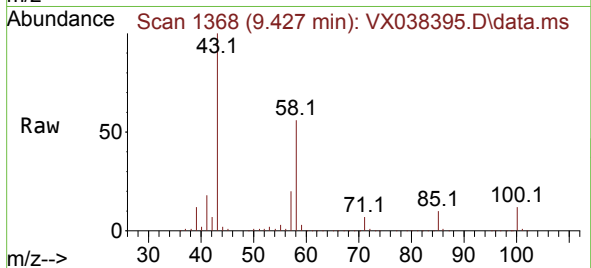




#59
2-Hexanone
Concen: 100.029 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

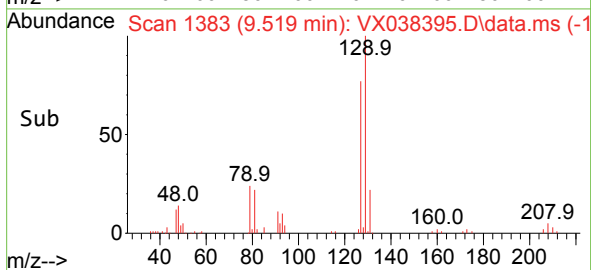
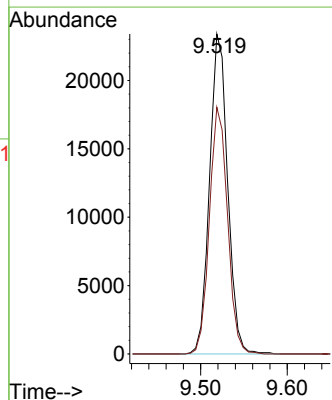
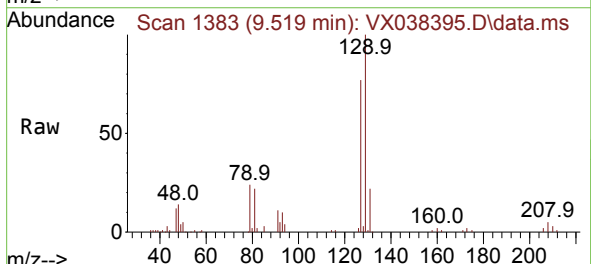
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

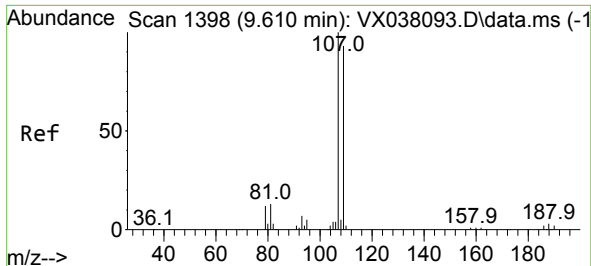
Tgt Ion: 43 Resp: 214835
Ion Ratio Lower Upper
43 100
58 56.3 26.2 78.5



#60
Dibromochloromethane
Concen: 20.373 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion: 129 Resp: 33945
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4

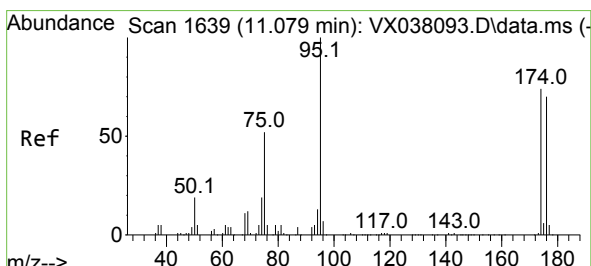
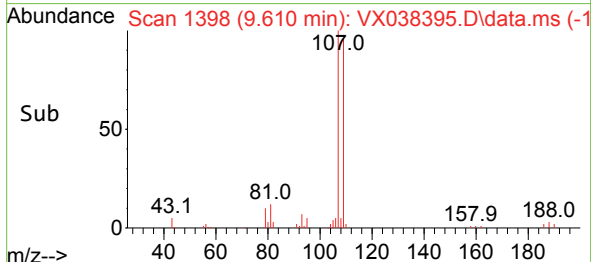
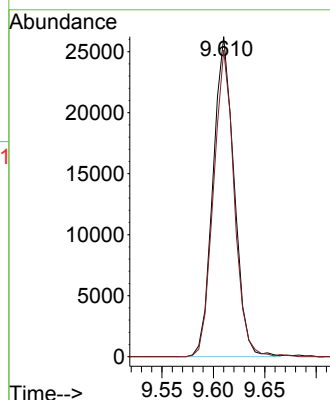
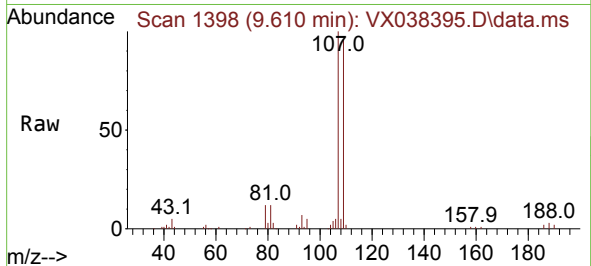




#61
1,2-Dibromoethane
Concen: 20.343 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

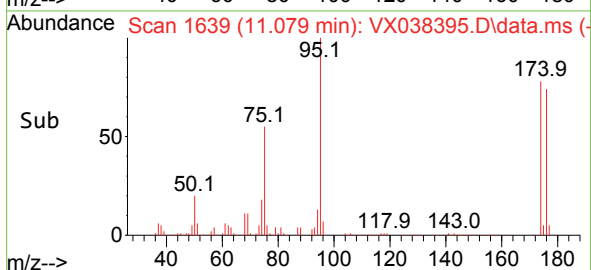
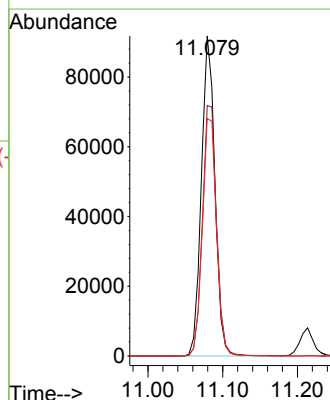
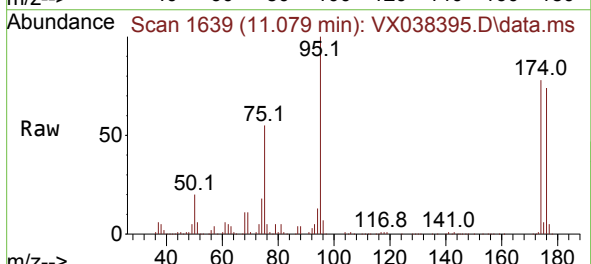
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

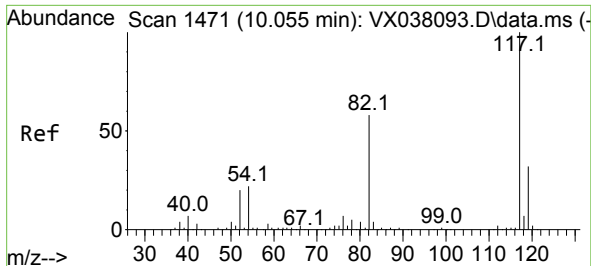
Tgt Ion:107 Resp: 37453
Ion Ratio Lower Upper
107 100
109 93.8 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 50.001 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion: 95 Resp: 114754
Ion Ratio Lower Upper
95 100
174 82.2 0.0 135.6
176 77.9 0.0 131.0

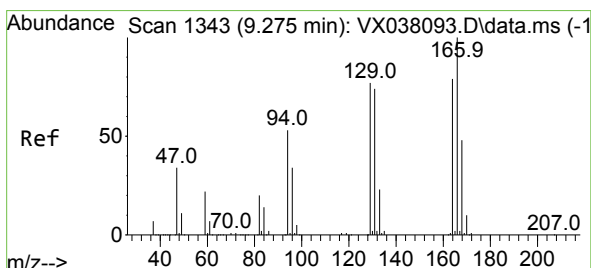
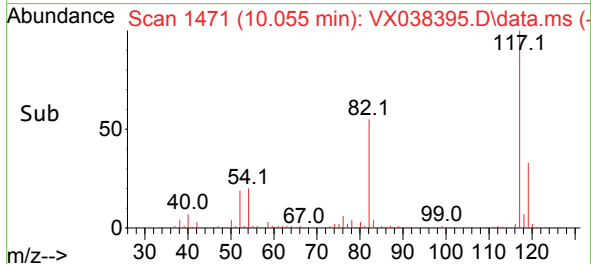
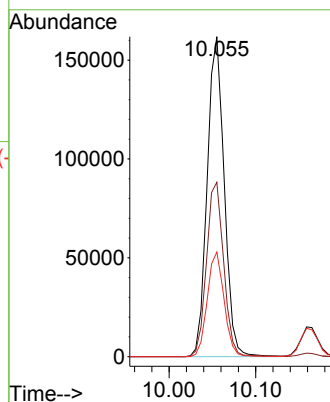
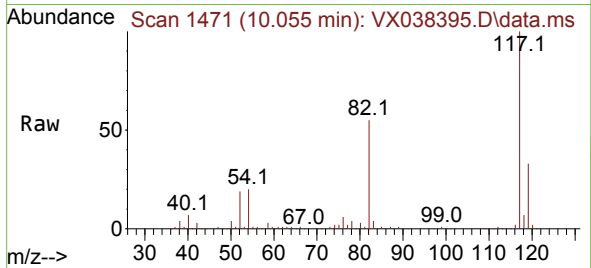




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

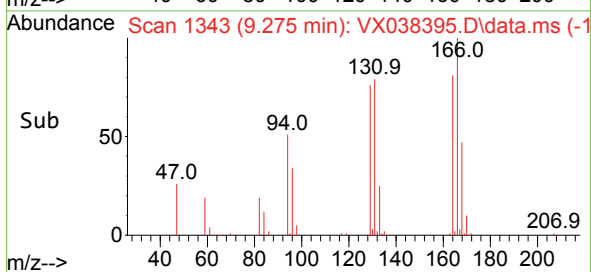
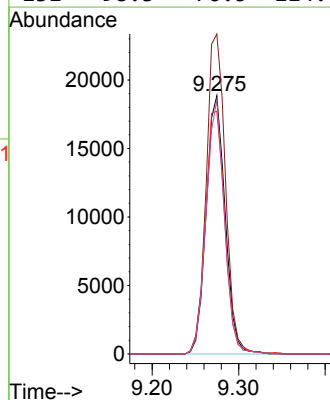
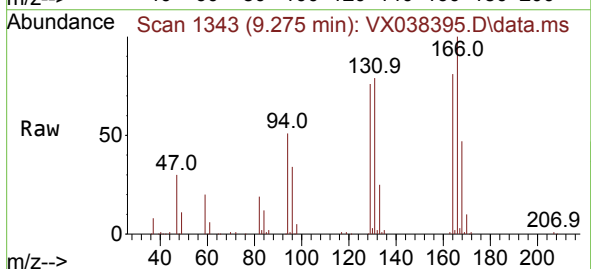
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

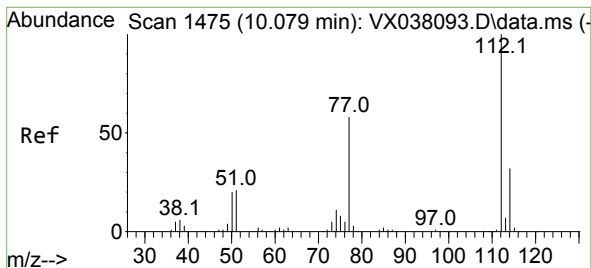
Tgt Ion:117 Resp: 220831
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 20.050 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion:164 Resp: 28664
Ion Ratio Lower Upper
164 100
166 123.9 102.7 154.1
129 94.0 80.4 120.6
131 98.3 76.5 114.7

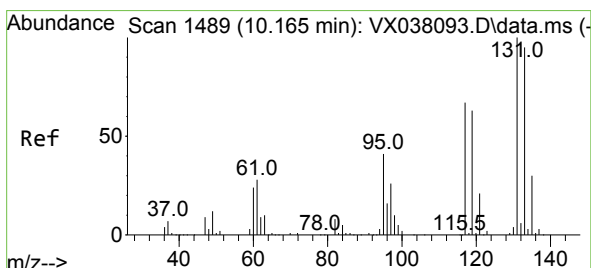
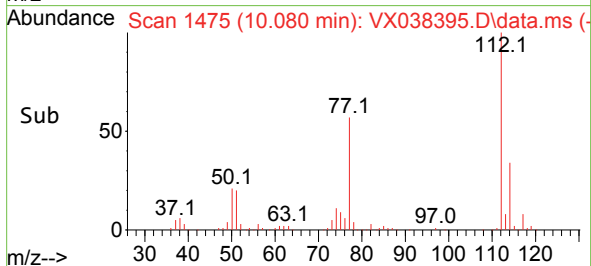
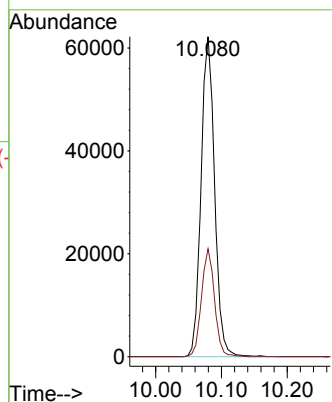
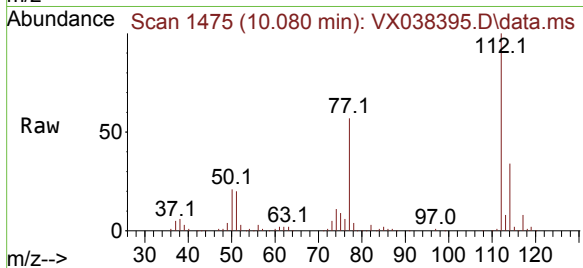




#65
Chlorobenzene
Concen: 19.236 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

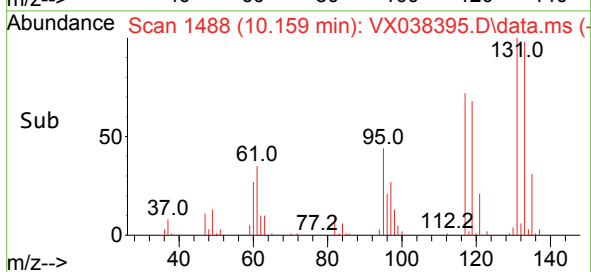
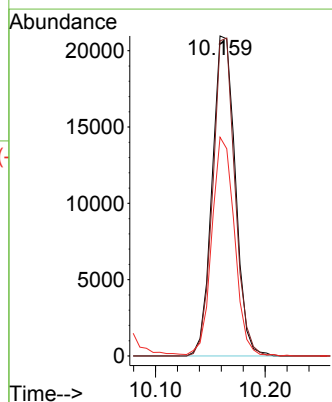
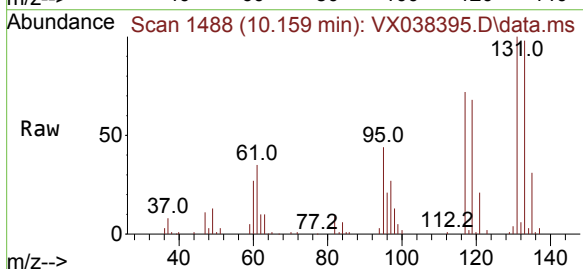
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

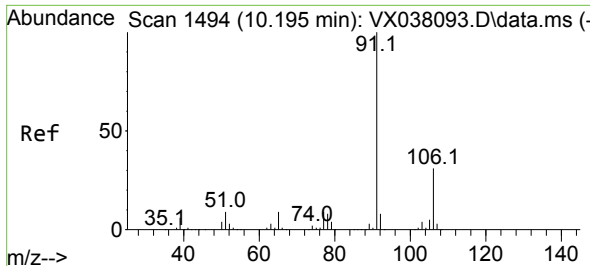
Tgt Ion:112 Resp: 88889
Ion Ratio Lower Upper
112 100
114 33.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.657 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion:131 Resp: 30716
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.4
119 66.9 32.2 96.6





#67

Ethyl Benzene

Concen: 18.745 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

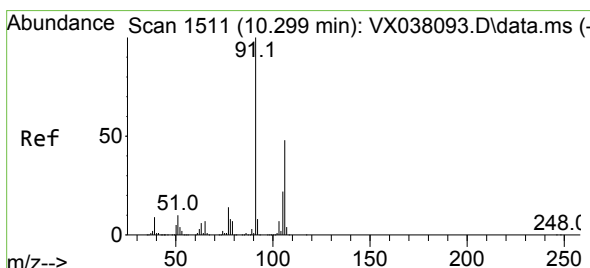
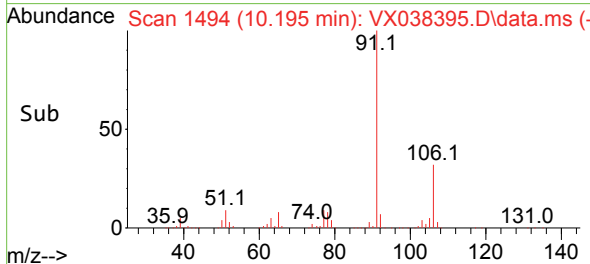
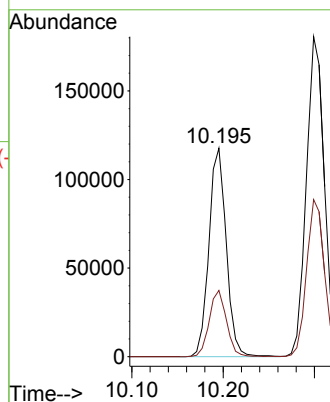
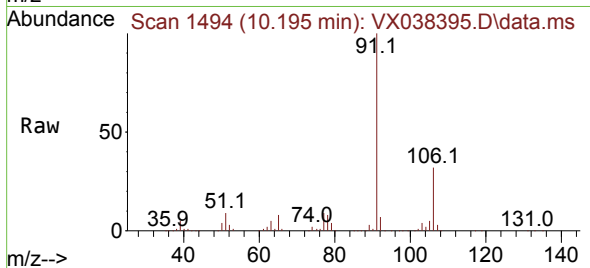
VX1020WBSD01

Tgt Ion: 91 Resp: 154617

Ion Ratio Lower Upper

91 100

106 31.8 24.9 37.3



#68

m/p-Xylenes

Concen: 38.269 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX038395.D

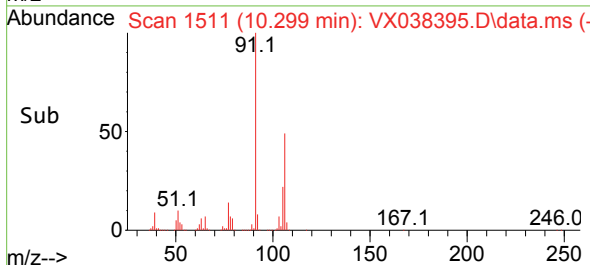
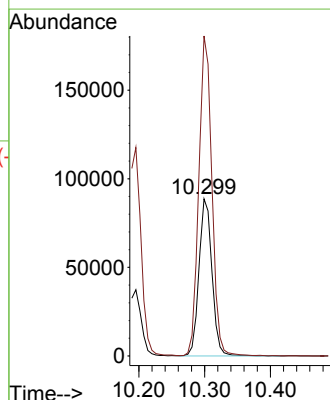
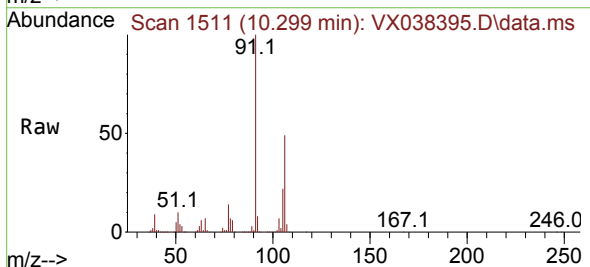
Acq: 20 Oct 2023 11:50

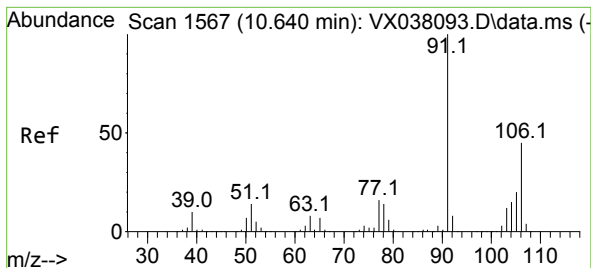
Tgt Ion: 106 Resp: 122054

Ion Ratio Lower Upper

106 100

91 204.8 165.5 248.3





#69

o-Xylene

Concen: 19.091 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

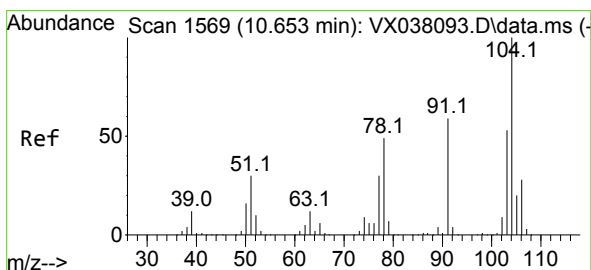
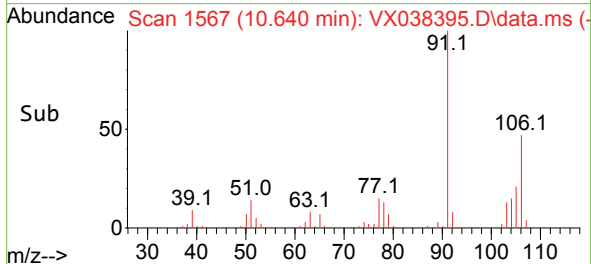
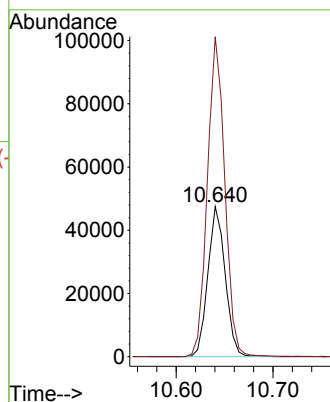
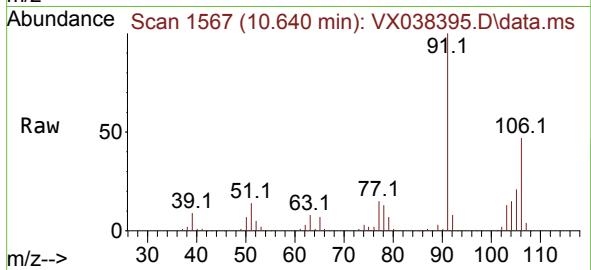
VX1020WBSD01

Tgt Ion:106 Resp: 59426

Ion Ratio Lower Upper

106 100

91 213.4 108.9 326.8



#70

Styrene

Concen: 19.366 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

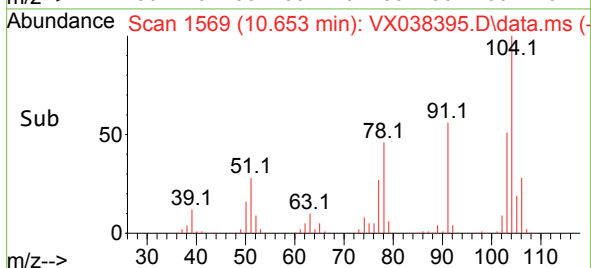
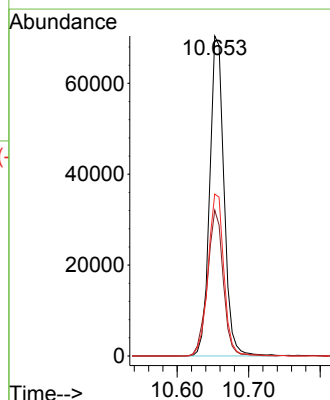
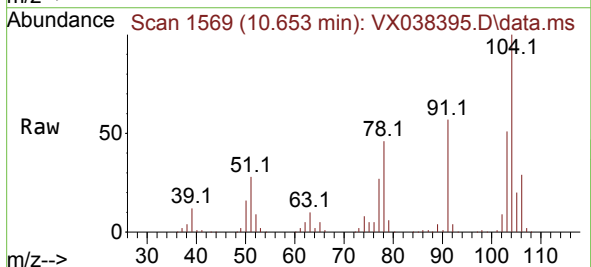
Tgt Ion:104 Resp: 98174

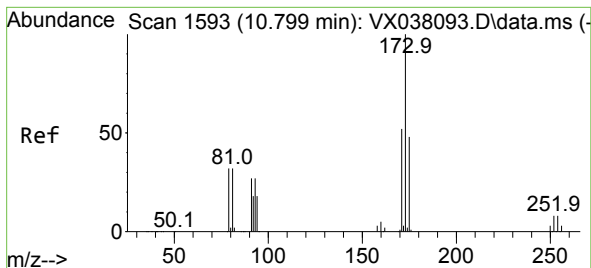
Ion Ratio Lower Upper

104 100

78 50.1 43.6 65.4

103 55.9 43.6 65.4





#71

Bromoform

Concen: 18.679 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

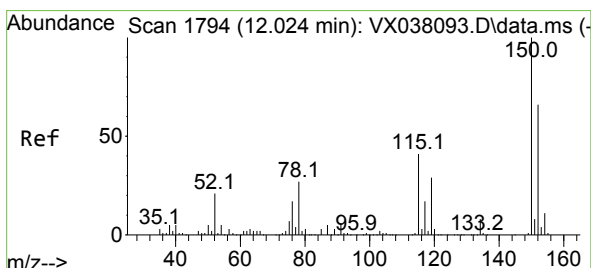
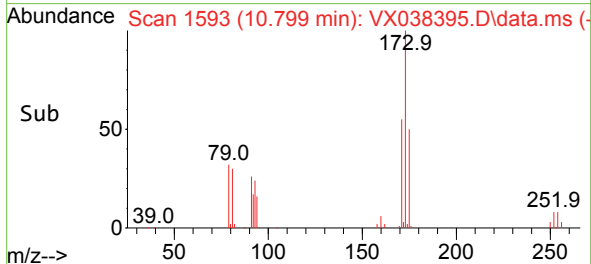
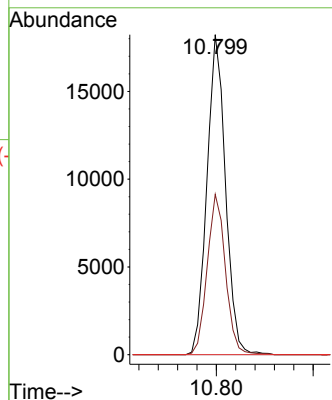
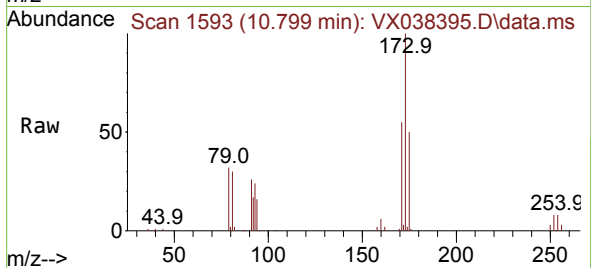
Tgt Ion:173 Resp: 24319

Ion Ratio Lower Upper

173 100

175 49.5 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

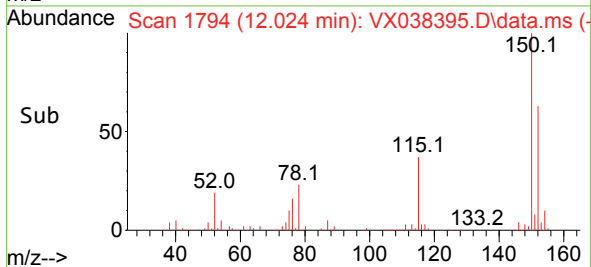
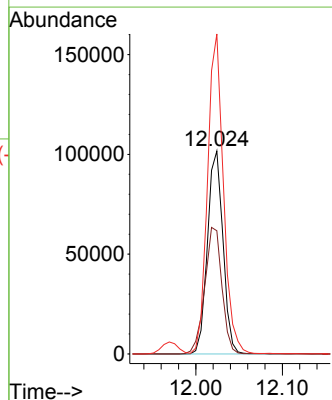
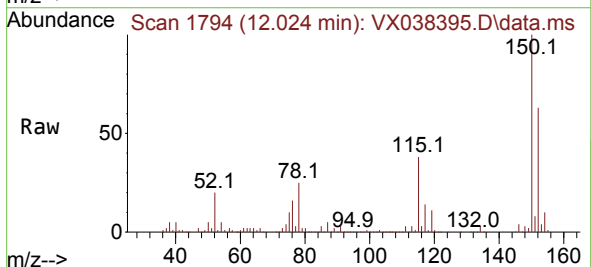
Tgt Ion:152 Resp: 126737

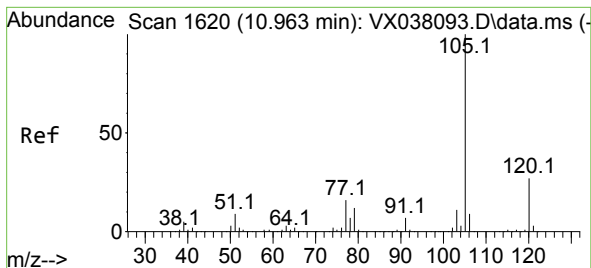
Ion Ratio Lower Upper

152 100

115 69.2 43.3 129.9

150 161.6 0.0 345.0





#73

Isopropylbenzene

Concen: 18.437 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

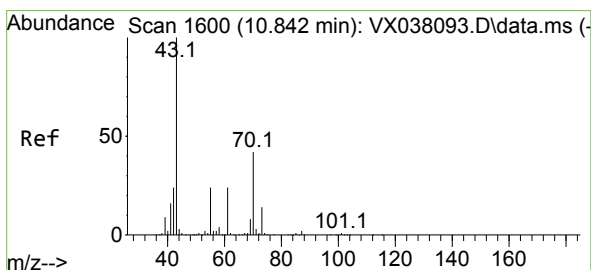
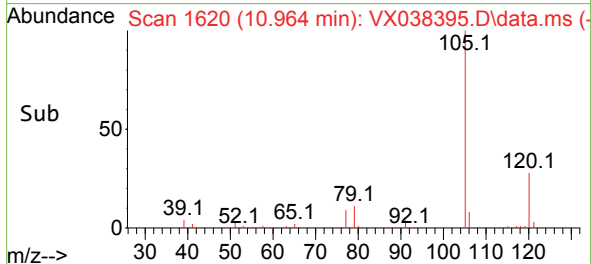
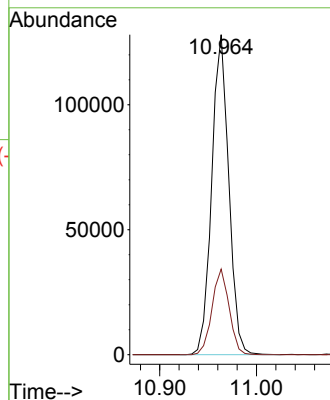
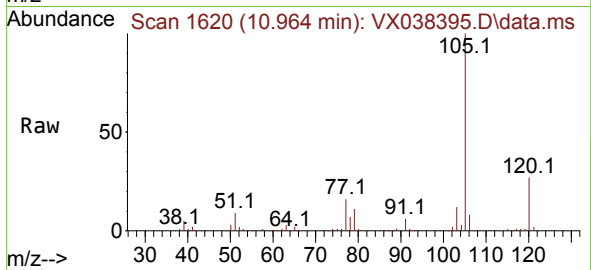
VX1020WBSD01

Tgt Ion:105 Resp: 156707

Ion Ratio Lower Upper

105 100

120 26.7 12.9 38.6



#74

N-ethyl acetate

Concen: 17.486 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

Tgt Ion: 43 Resp: 63467

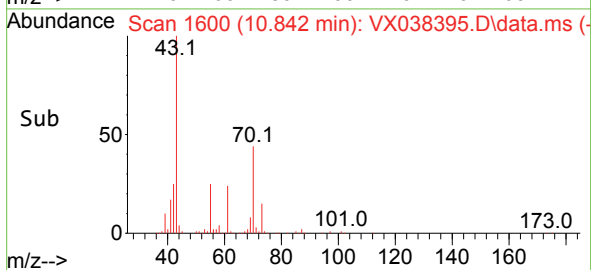
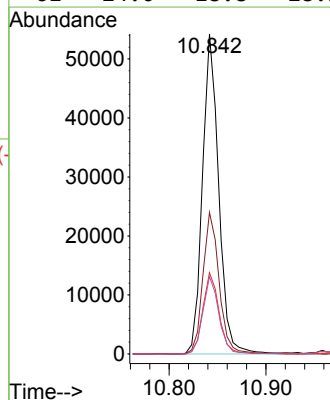
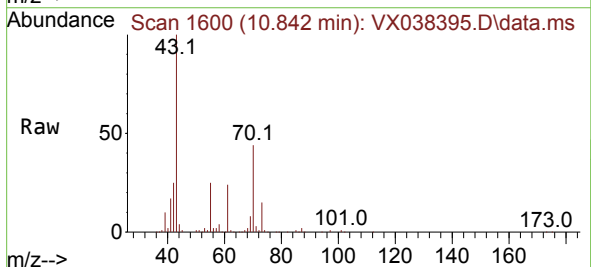
Ion Ratio Lower Upper

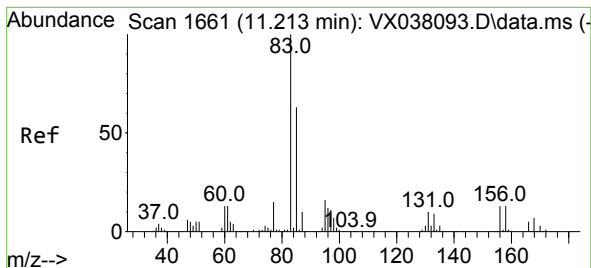
43 100

70 44.3 32.9 49.3

55 25.8 19.3 28.9

61 24.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.136 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

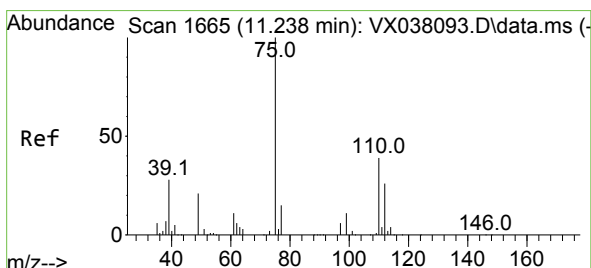
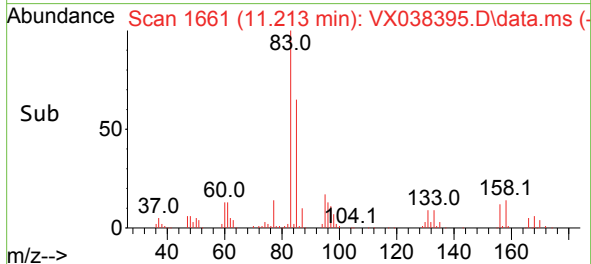
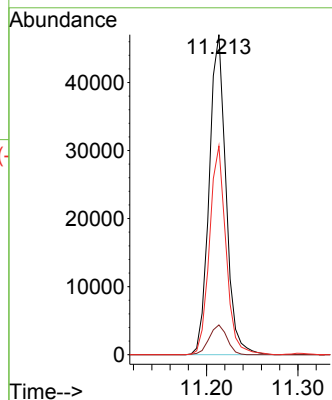
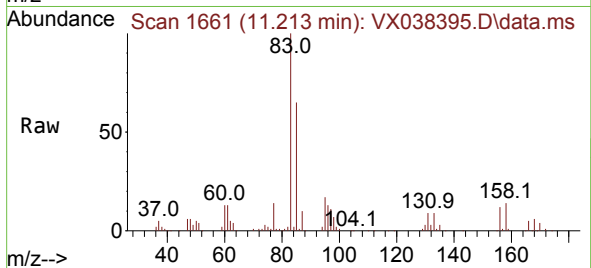
Tgt Ion: 83 Resp: 59680

Ion Ratio Lower Upper

83 100

131 9.9 5.3 15.8

85 64.4 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 21.280 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX038395.D

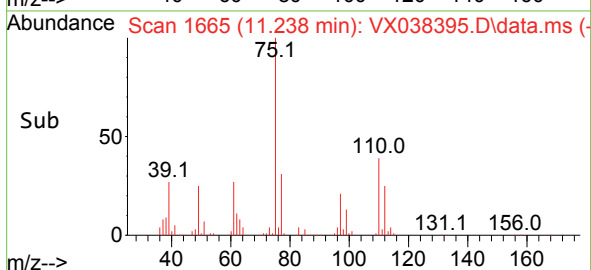
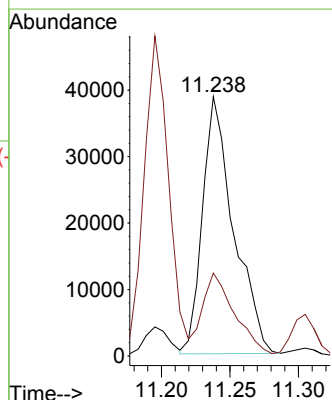
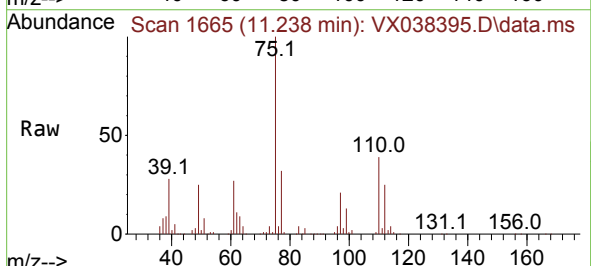
Acq: 20 Oct 2023 11:50

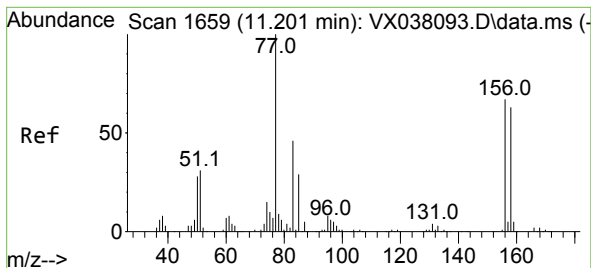
Tgt Ion: 75 Resp: 61313

Ion Ratio Lower Upper

75 100

77 33.5 19.1 57.5





#77

Bromobenzene

Concen: 19.066 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

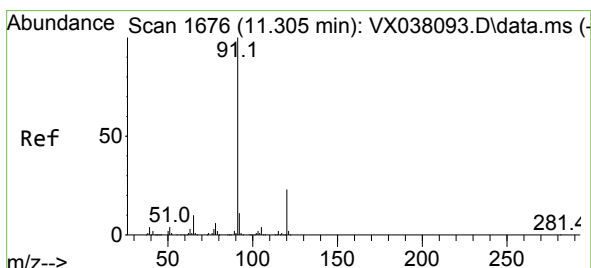
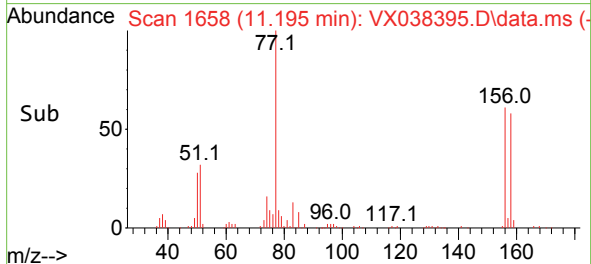
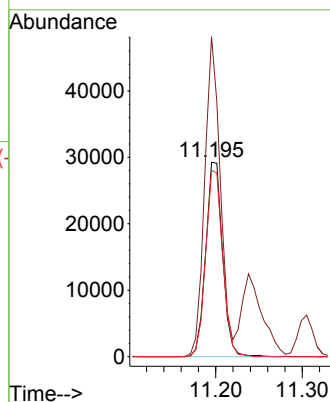
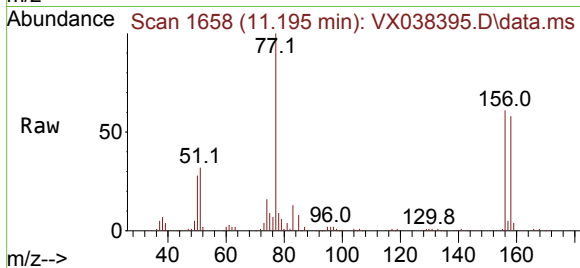
Tgt Ion:156 Resp: 39563

Ion Ratio Lower Upper

156 100

77 152.5 88.4 265.3

158 96.3 48.0 144.0



#78

n-propylbenzene

Concen: 18.096 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038395.D

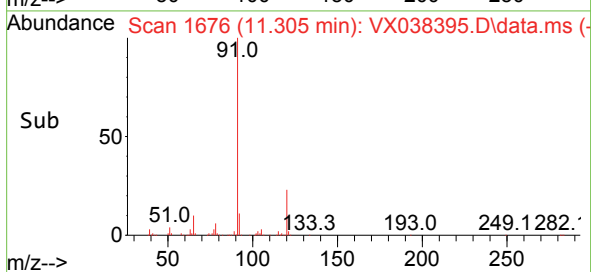
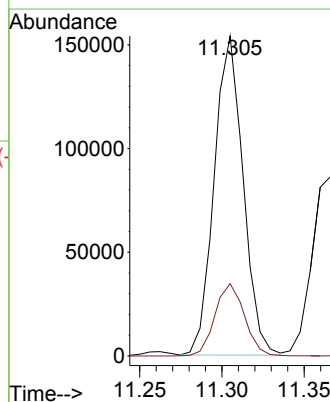
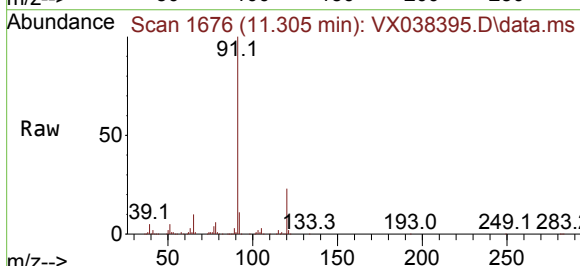
Acq: 20 Oct 2023 11:50

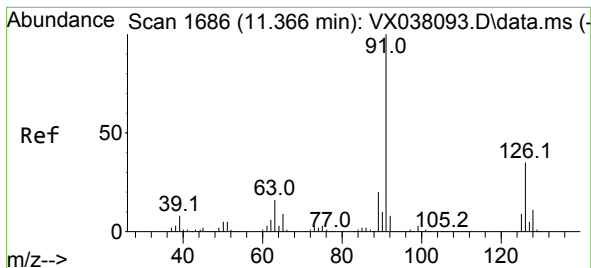
Tgt Ion: 91 Resp: 188062

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

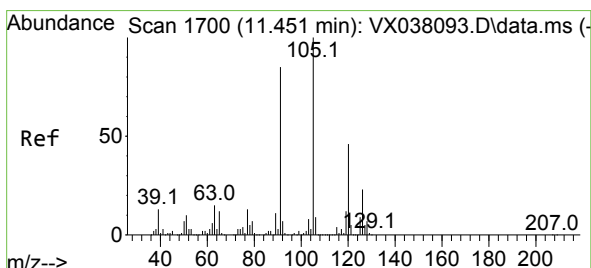
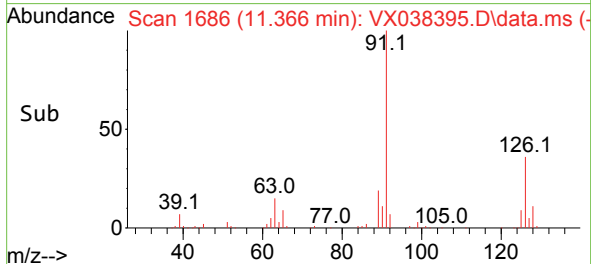
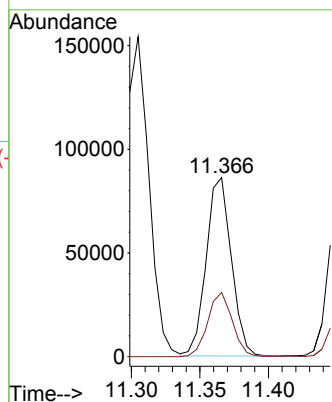
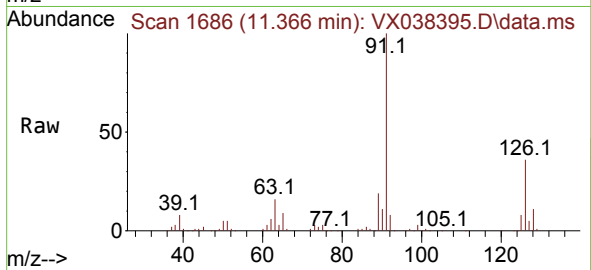




#79
2-Chlorotoluene
Concen: 17.793 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

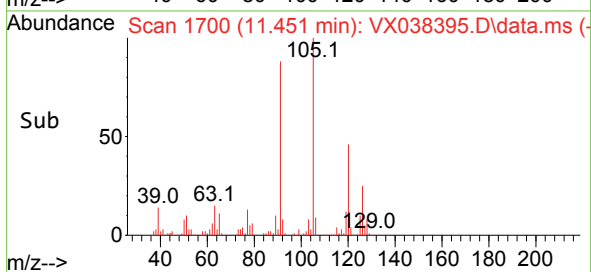
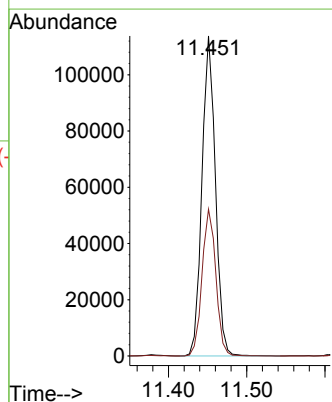
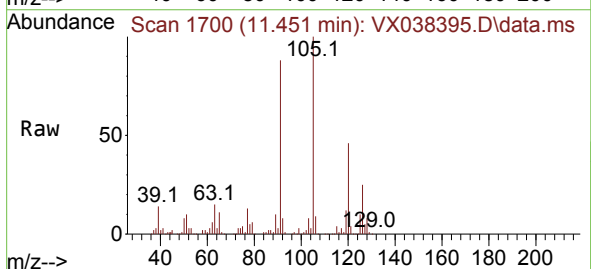
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

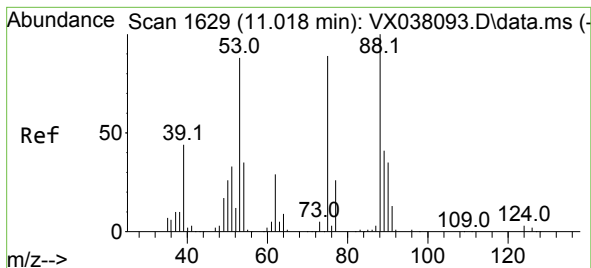
Tgt Ion: 91 Resp: 109667
Ion Ratio Lower Upper
91 100
126 35.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 18.484 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion: 105 Resp: 135536
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.3

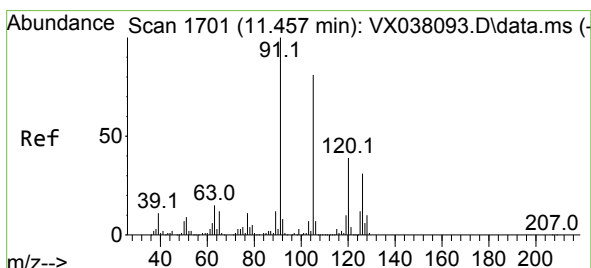
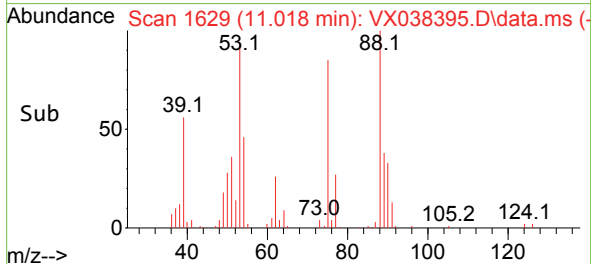
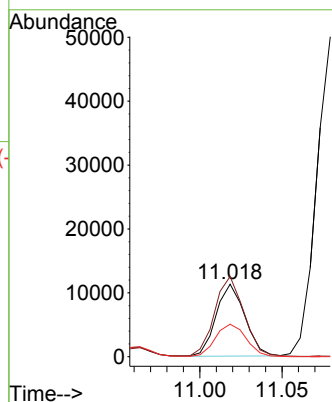
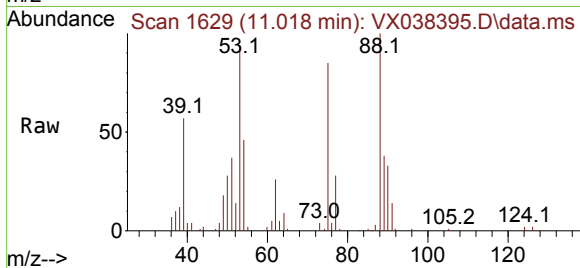




#81
trans-1,4-Dichloro-2-butene
Concen: 16.775 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

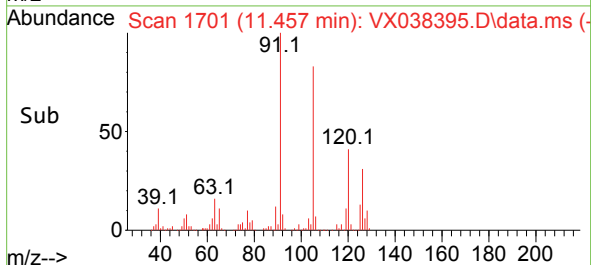
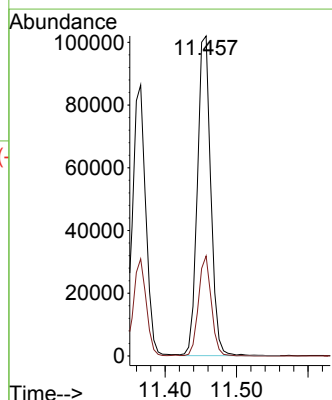
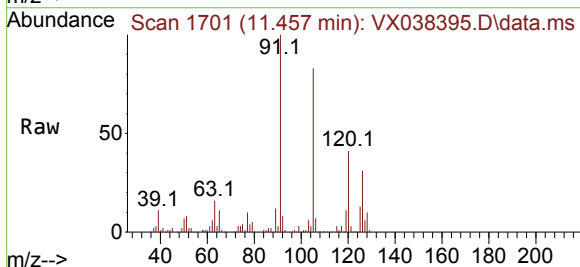
Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

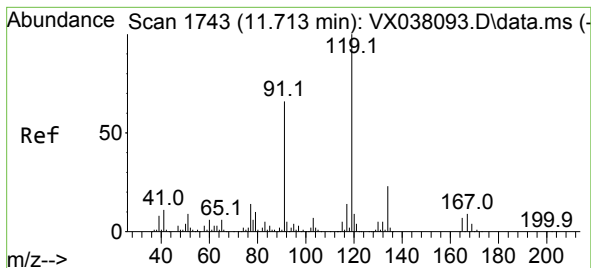
Tgt Ion: 75 Resp: 13675
Ion Ratio Lower Upper
75 100
53 113.9 90.5 135.7
89 48.4 36.9 55.3



#82
4-Chlorotoluene
Concen: 18.091 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion: 91 Resp: 131945
Ion Ratio Lower Upper
91 100
126 30.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.311 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

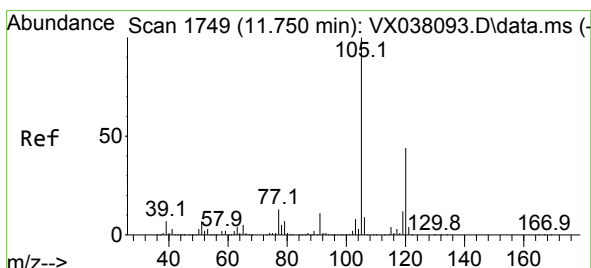
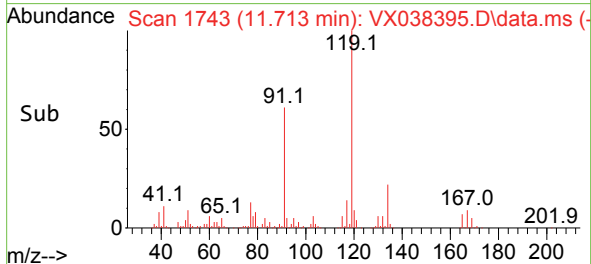
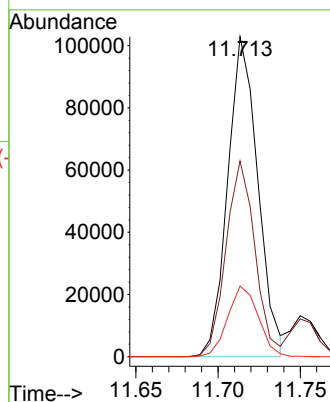
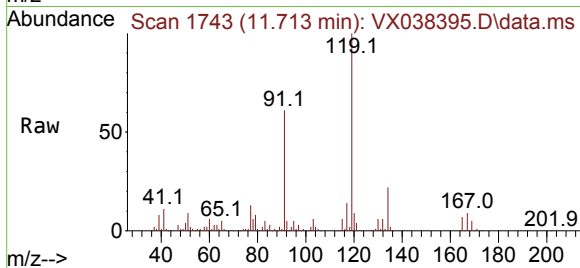
Tgt Ion:119 Resp: 131197

Ion Ratio Lower Upper

119 100

91 59.2 31.2 93.6

134 22.5 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 18.629 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038395.D

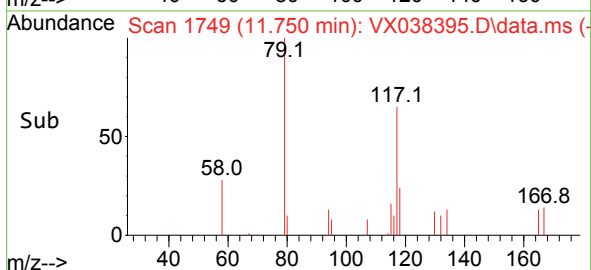
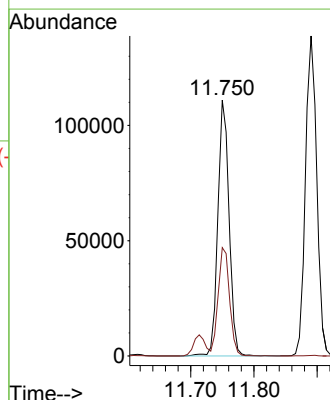
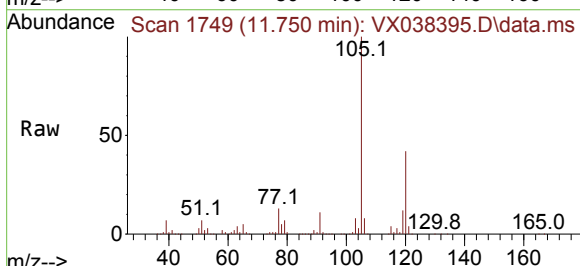
Acq: 20 Oct 2023 11:50

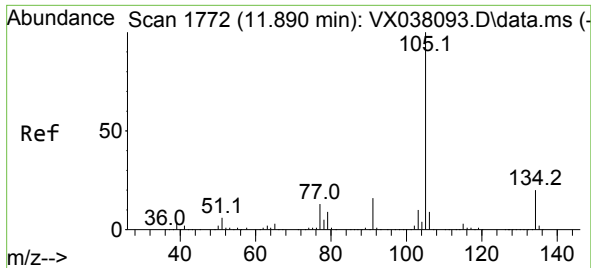
Tgt Ion:105 Resp: 136198

Ion Ratio Lower Upper

105 100

120 43.1 21.2 63.6

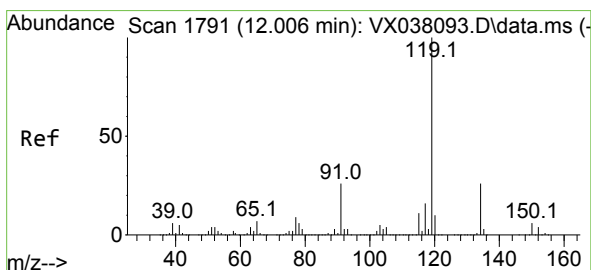
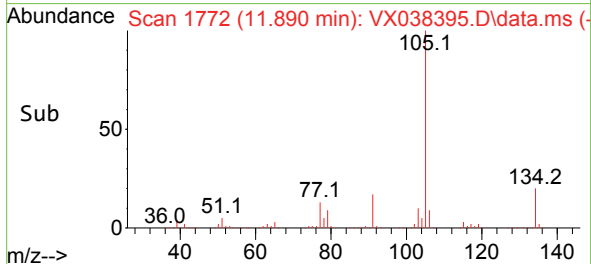
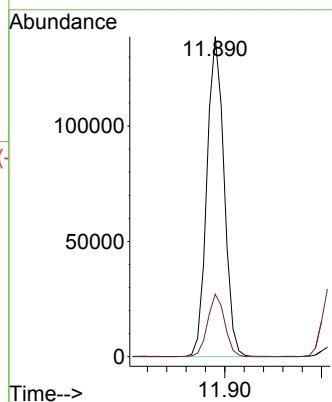
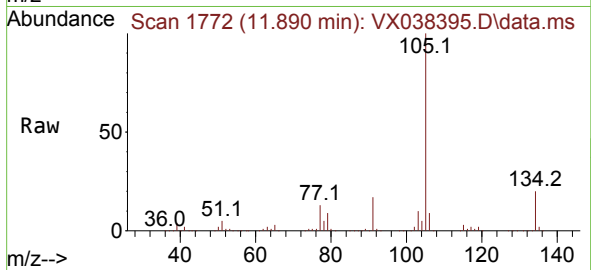




#85
 sec-Butylbenzene
 Concen: 18.447 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038395.D
 Acq: 20 Oct 2023 11:50

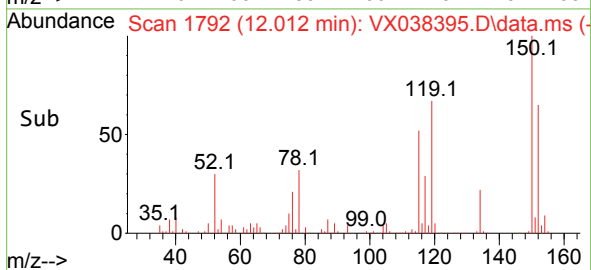
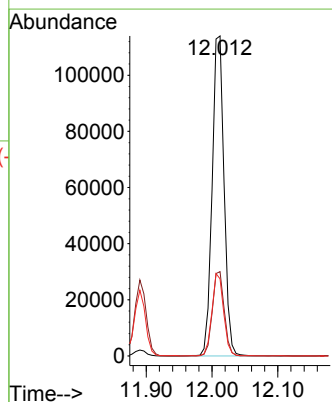
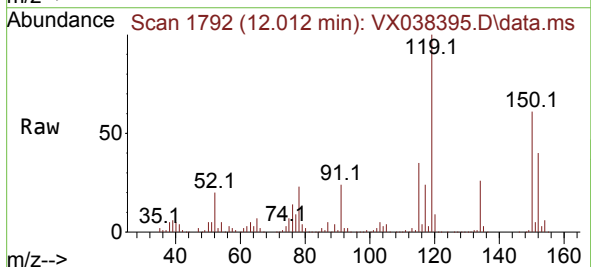
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBSD01

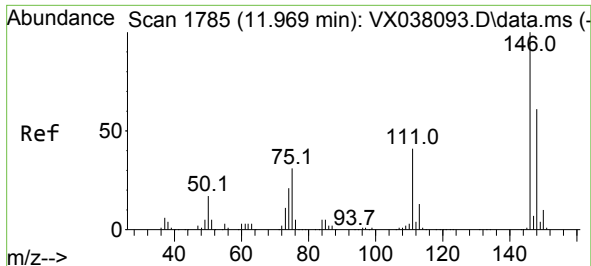
Tgt Ion:105 Resp: 171213
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 18.768 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038395.D
 Acq: 20 Oct 2023 11:50

Tgt Ion:119 Resp: 143716
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 25.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.545 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

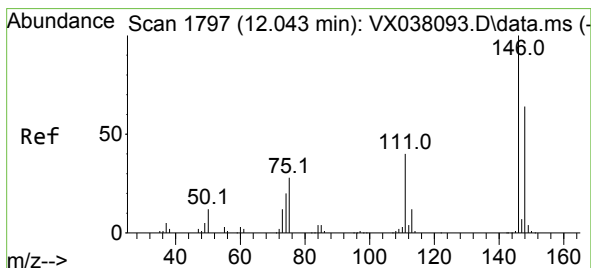
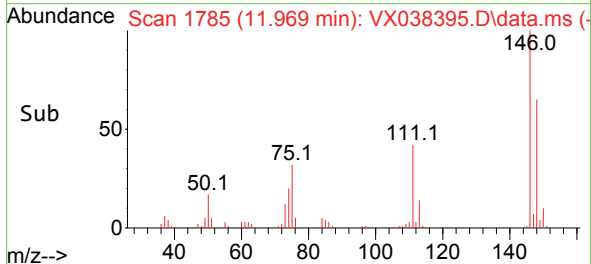
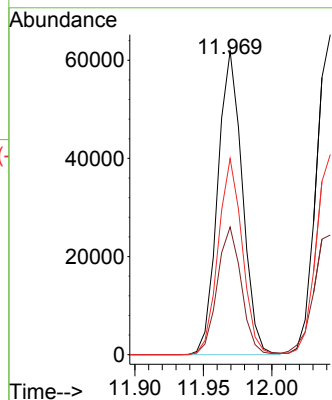
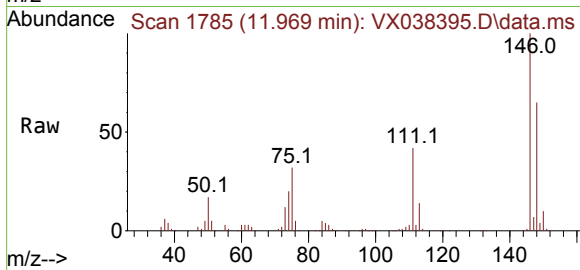
Tgt Ion:146 Resp: 77291

Ion Ratio Lower Upper

146 100

111 41.2 22.1 66.1

148 63.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 18.937 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

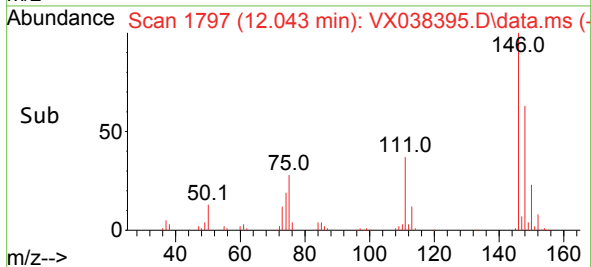
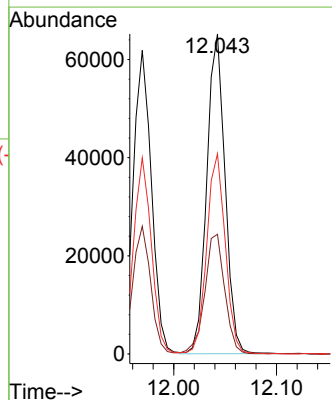
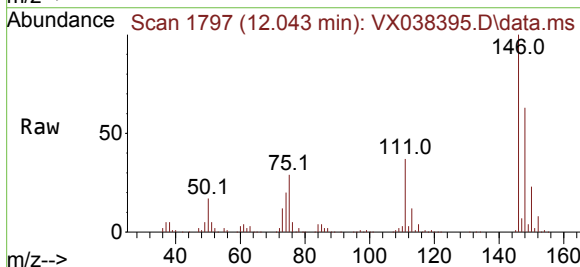
Tgt Ion:146 Resp: 80577

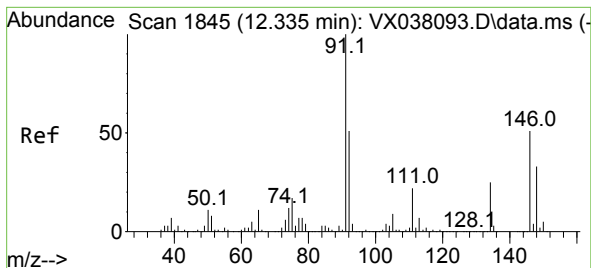
Ion Ratio Lower Upper

146 100

111 40.7 21.3 63.7

148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 17.451 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

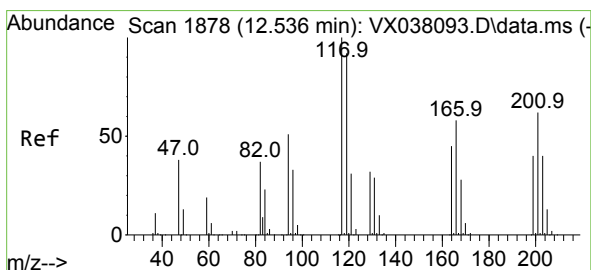
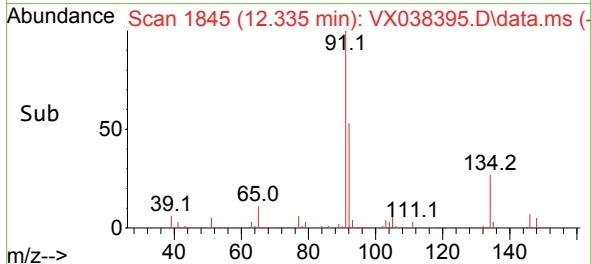
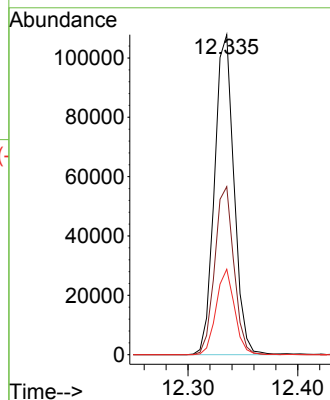
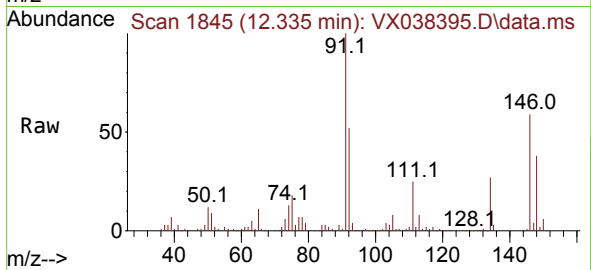
Tgt Ion: 91 Resp: 133087

Ion Ratio Lower Upper

91 100

92 51.8 27.4 82.0

134 25.4 12.6 37.8



#90

Hexachloroethane

Concen: 17.483 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038395.D

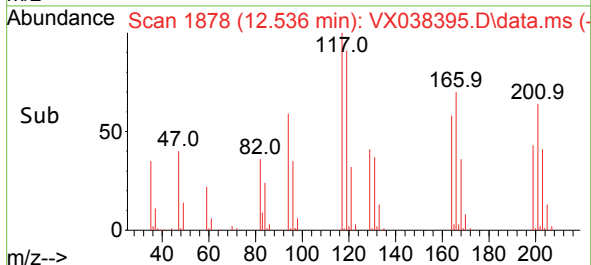
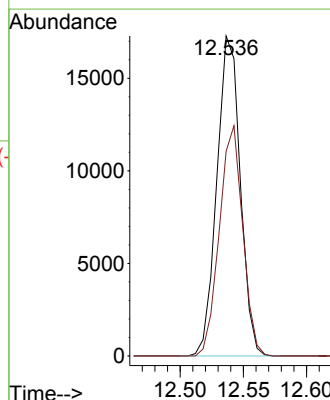
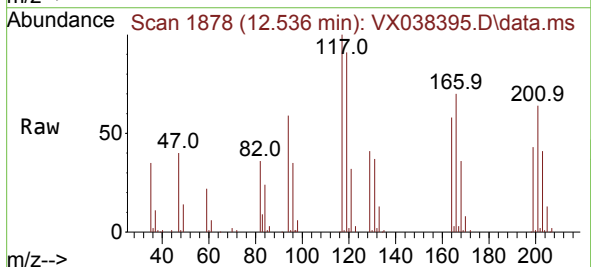
Acq: 20 Oct 2023 11:50

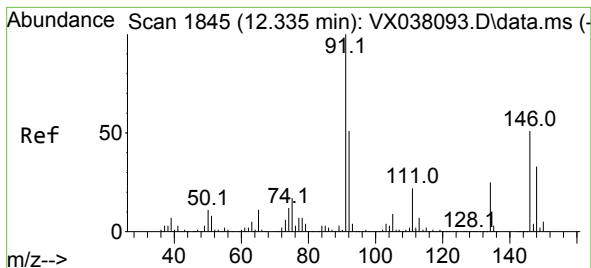
Tgt Ion: 117 Resp: 22197

Ion Ratio Lower Upper

117 100

201 71.8 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 19.033 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

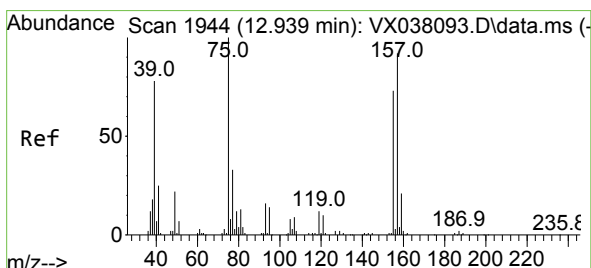
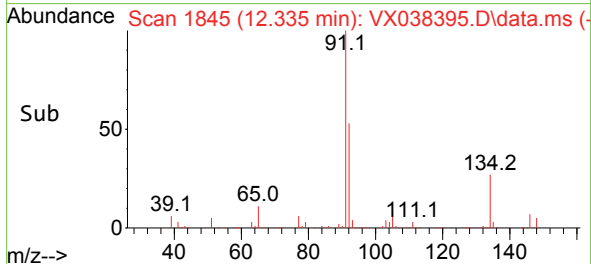
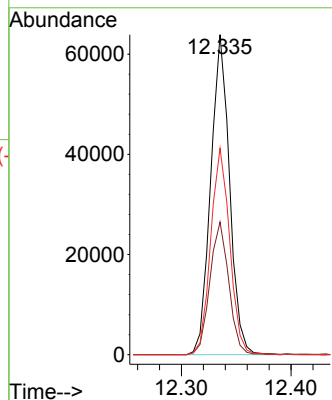
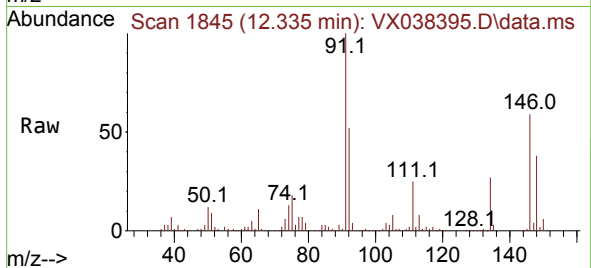
Tgt Ion:146 Resp: 76252

Ion Ratio Lower Upper

146 100

111 41.7 22.4 67.0

148 65.3 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.191 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

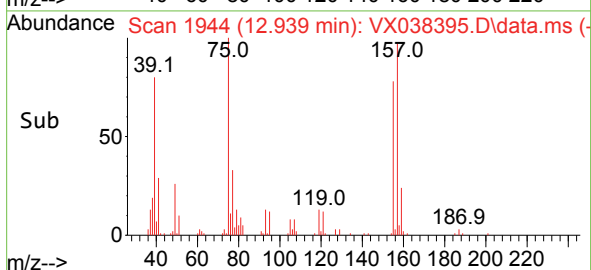
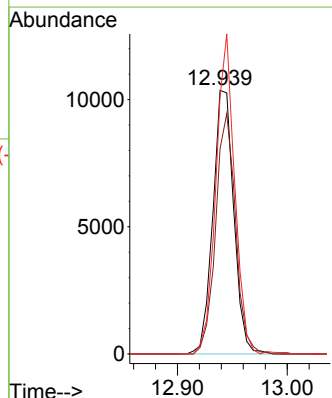
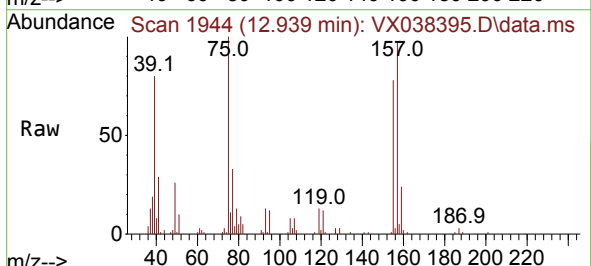
Tgt Ion: 75 Resp: 13717

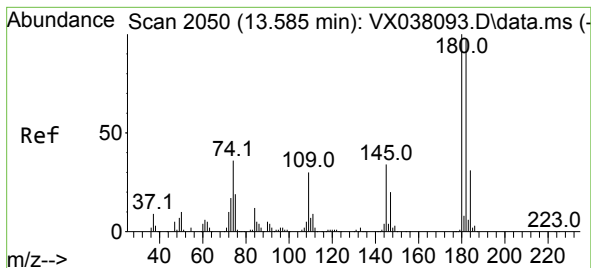
Ion Ratio Lower Upper

75 100

155 87.1 36.1 108.5

157 108.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.632 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

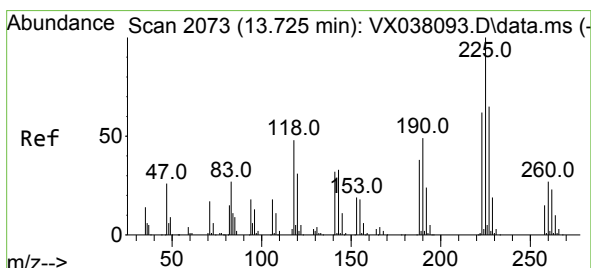
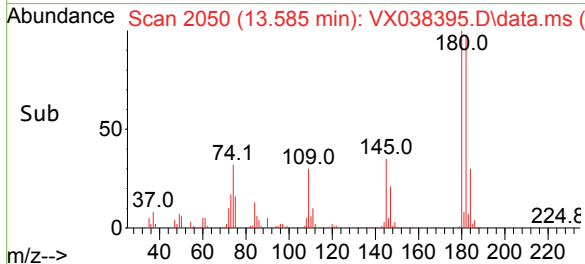
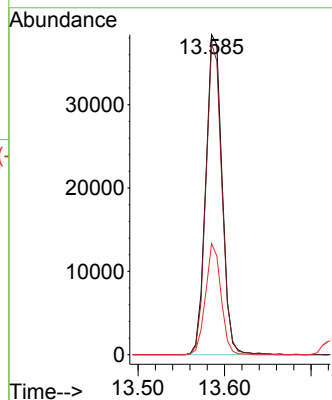
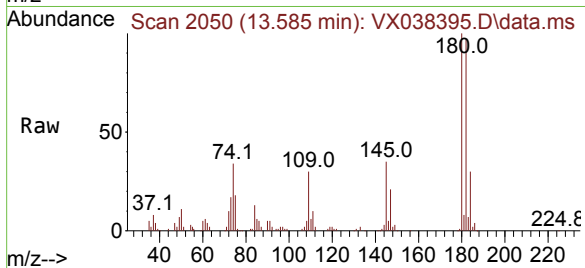
Tgt Ion:180 Resp: 50065

Ion Ratio Lower Upper

180 100

182 95.7 48.3 144.8

145 33.0 18.0 54.0



#94

Hexachlorobutadiene

Concen: 19.360 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038395.D

Acq: 20 Oct 2023 11:50

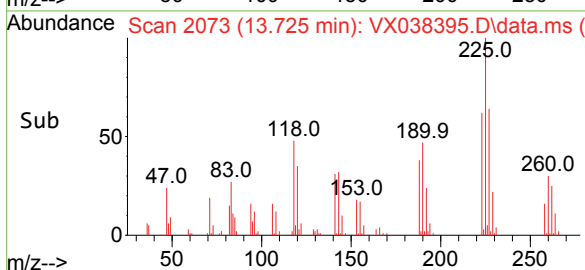
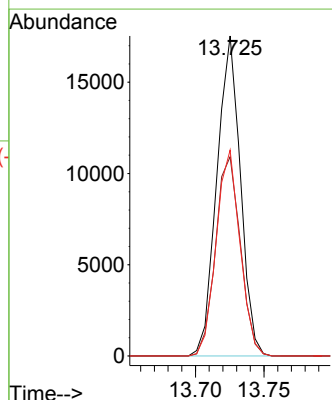
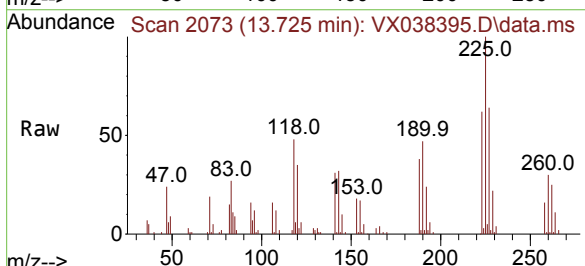
Tgt Ion:225 Resp: 20938

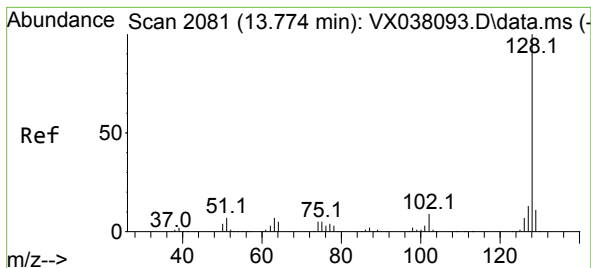
Ion Ratio Lower Upper

225 100

223 65.7 31.1 93.2

227 65.1 32.5 97.5

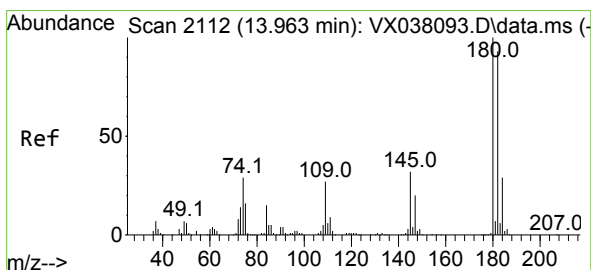
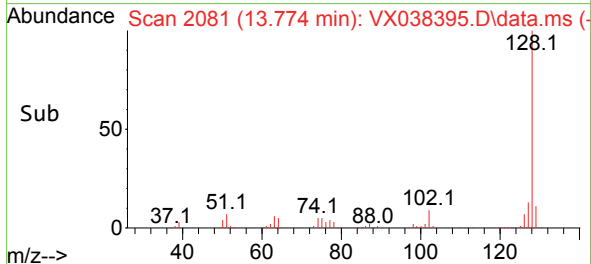
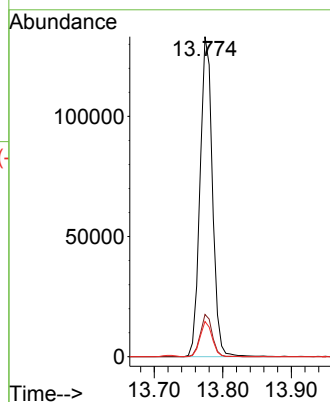
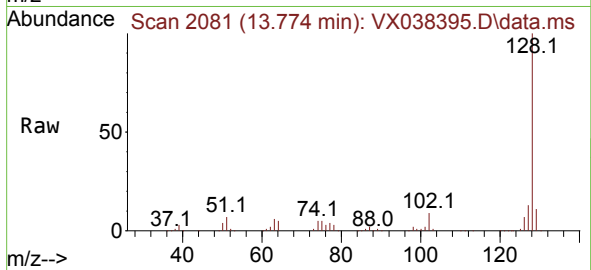




#95
Naphthalene
Concen: 17.985 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

Tgt Ion:128 Resp: 168298
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.985 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038395.D
Acq: 20 Oct 2023 11:50

Tgt Ion:180 Resp: 49394
Ion Ratio Lower Upper
180 100
182 96.1 46.9 140.6
145 33.2 17.8 53.5

