

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038151.D
 Acq On : 07 Oct 2023 01:47
 Operator : JC/MD
 Sample : VX1006WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1006WBS02

Quant Time: Oct 07 06:35:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100623W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Oct 07 06:30:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	11175	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	86424	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	111255	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	47362	31.023	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.400%	
60) 4-Bromofluorobenzene	11.079	95	69686	30.068	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.233%	
63) Toluene-d8	8.647	98	131736	30.578	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.933%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	29268	21.764	ug/l	100
3) Chloromethane	1.301	50	27902	20.947	ug/l	92
4) Vinyl Chloride	1.374	62	33821	21.677	ug/l	100
5) Bromomethane	1.605	94	34955	18.516	ug/l	97
6) Chloroethane	1.691	64	26457	19.921	ug/l	91
7) Trichlorofluoromethane	1.892	101	68234	20.534	ug/l	100
8) Diethyl Ether	2.136	74	25718	21.215	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	26569	20.933	ug/l	97
10) 1,1-Dichloroethene	2.319	96	26513	21.440	ug/l	94
11) Methyl Iodide	2.453	142	38682	20.992	ug/l	98
12) Methyl Acetate	2.703	43	83578	19.859	ug/l	100
13) Acrolein	2.233	56	27073	102.617	ug/l	96
14) Acrylonitrile	3.062	53	101905	103.316	ug/l	96
15) Acetone	2.380	58	28016	106.671	ug/l	89
16) Carbon Disulfide	2.514	76	68834	20.832	ug/l	100
17) Allyl chloride	2.666	41	42897	20.643	ug/l	94
18) Methylene Chloride	2.788	84	33497	20.776	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	31833	20.556	ug/l	96
20) Diisopropyl ether	3.764	45	94785	20.785	ug/l	96
21) 1,1-Dichloroethane	3.611	63	57392	20.679	ug/l	98
22) cis-1,2-Dichloroethene	4.495	96	37490	20.555	ug/l	97
24) Methyl tert-Butyl Ether	3.111	73	100250	20.651	ug/l	99
25) Chloroform	5.093	83	63867	20.266	ug/l	100
26) Cyclohexane	5.471	56	48403	20.618	ug/l #	98
29) 1,1-Dichloropropene	5.696	75	46921	20.520	ug/l	100
30) 2-Butanone	4.556	43	150210	102.205	ug/l	98
31) 2,2-Dichloropropane	4.477	77	30794	18.231	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	54240	19.852	ug/l	99
33) Carbon Tetrachloride	5.684	117	45454	19.636	ug/l	97
34) Benzene	6.038	78	135105	19.974	ug/l	98
35) Methacrylonitrile	4.916	41	27647	20.093	ug/l	96
36) 1,2-Dichloroethane	6.086	62	53581	20.419	ug/l	98
37) Trichloroethene	7.129	130	35390	19.866	ug/l	100
38) Methylcyclohexane	7.379	83	54216	19.906	ug/l	96
39) 1,2-Dichloropropane	7.428	63	34516	20.357	ug/l	94
40) Dibromomethane	7.586	93	26878	20.287	ug/l	96
41) Bromodichloromethane	7.824	83	47252	19.895	ug/l	96
42) Vinyl Acetate	3.721	43	342279	105.814	ug/l	100
43) Ethyl Acetate	4.715	43	54285	20.189	ug/l	99

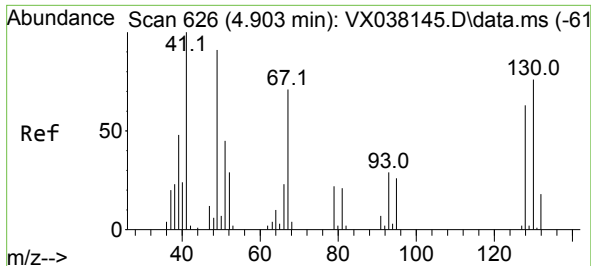
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038151.D
 Acq On : 07 Oct 2023 01:47
 Operator : JC/MD
 Sample : VX1006WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1006WBS02

Quant Time: Oct 07 06:35:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100623W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Oct 07 06:30:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	6.342	43	81258	20.078	ug/l	99
45) 1,4-Dioxane	7.659	88	19678	382.615	ug/l #	1
46) Methyl methacrylate	7.696	41	39352	19.722	ug/l	99
47) n-amyl Acetate	10.842	43	69920	19.901	ug/l	96
48) t-1,3-Dichloropropene	8.982	75	45876	18.791	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	49815	19.246	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	37626	20.115	ug/l	95
51) Ethyl methacrylate	9.116	69	55744	19.899	ug/l	98
52) 1,3-Dichloropropane	9.311	76	60098	19.757	ug/l	98
53) Dibromochloromethane	9.525	129	34711	18.732	ug/l	100
54) 1,2-Dibromoethane	9.610	107	40327	19.730	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	143468	101.468	ug/l	99
56) Bromoform	10.799	173	24627	17.783	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	297413	106.803	ug/l	98
59) 2-Hexanone	9.427	43	238361	106.467	ug/l	99
61) Tetrachloroethene	9.275	164	31768	20.898	ug/l	98
62) Toluene	8.720	91	153580	20.719	ug/l	98
64) Chlorobenzene	10.080	112	93835	20.215	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	33327	20.596	ug/l	98
66) Ethyl Benzene	10.195	91	173683	20.663	ug/l	99
67) m/p-Xylenes	10.305	106	131274	40.258	ug/l	95
68) o-Xylene	10.640	106	63128	19.952	ug/l	93
69) Styrene	10.659	104	106459	20.249	ug/l	99
70) Isopropylbenzene	10.964	105	170345	20.415	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	63104	20.518	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	65411	23.385	ug/l	91
73) Bromobenzene	11.195	156	41170	19.926	ug/l	98
74) n-propylbenzene	11.305	91	205797	20.296	ug/l	98
75) 2-Chlorotoluene	11.366	91	121117	20.328	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	145540	19.960	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	14034	18.432	ug/l	99
78) 4-Chlorotoluene	11.457	91	144337	20.371	ug/l	99
79) tert-butylbenzene	11.713	119	138970	20.063	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	144513	20.298	ug/l	98
81) sec-Butylbenzene	11.890	105	185771	20.501	ug/l	97
82) p-Isopropyltoluene	12.012	119	150397	20.077	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	79596	19.753	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	80227	19.554	ug/l	99
85) n-Butylbenzene	12.335	91	140594	19.670	ug/l	98
86) Hexachloroethane	12.536	117	24072	19.439	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	77776	19.913	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	14907	20.929	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	50775	20.025	ug/l	99
90) Hexachlorobutadiene	13.725	225	20431	20.032	ug/l	99
91) Naphthalene	13.774	128	177124	20.397	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	49056	19.764	ug/l	99

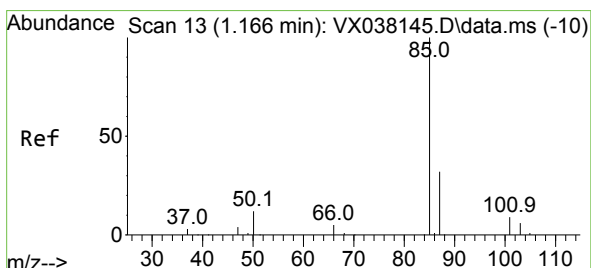
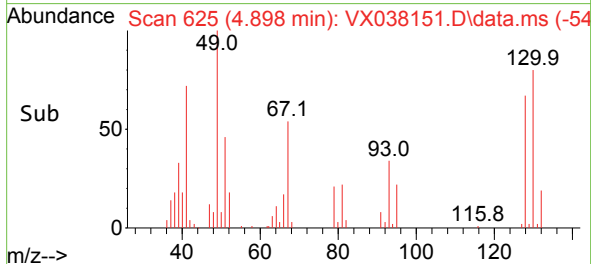
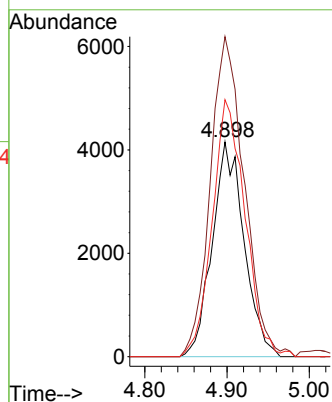
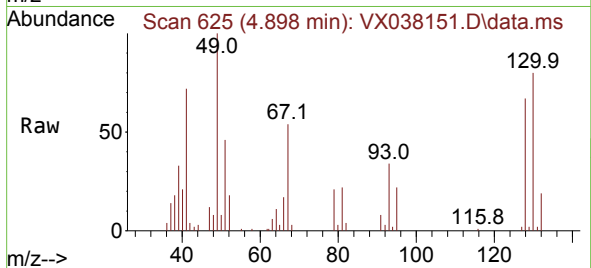
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.005 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

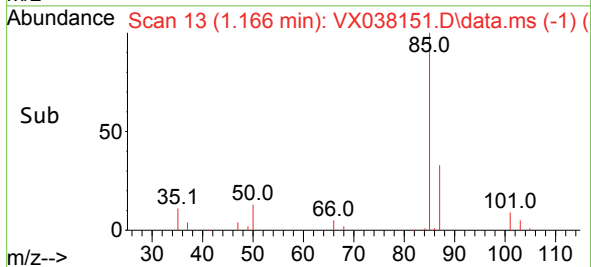
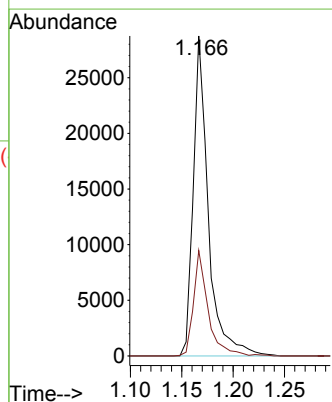
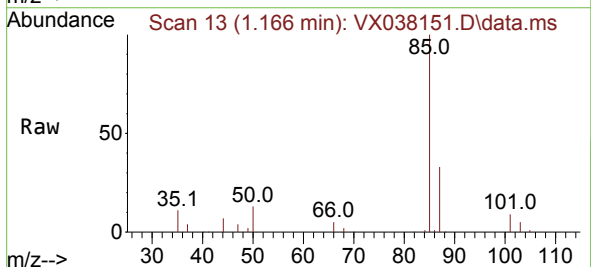
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

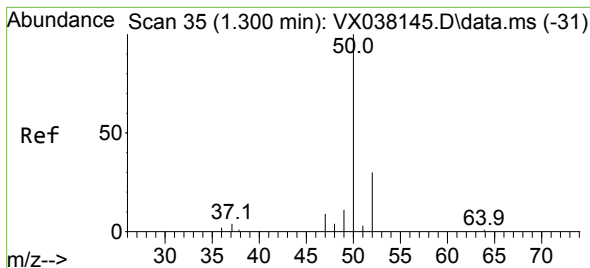
Tgt Ion:128 Resp: 11175
Ion Ratio Lower Upper
128 100
49 158.1 0.0 406.3
130 122.6 0.0 328.0



#2
Dichlorodifluoromethane
Concen: 21.764 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion: 85 Resp: 29268
Ion Ratio Lower Upper
85 100
87 32.9 16.4 49.4





#3

Chloromethane

Concen: 20.947 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

Instrument :

MSVOA_X

ClientSampleId :

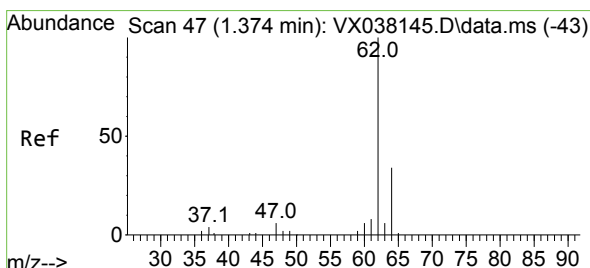
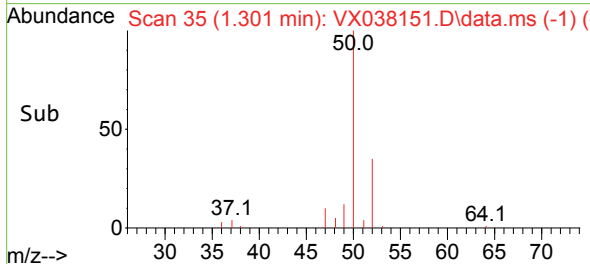
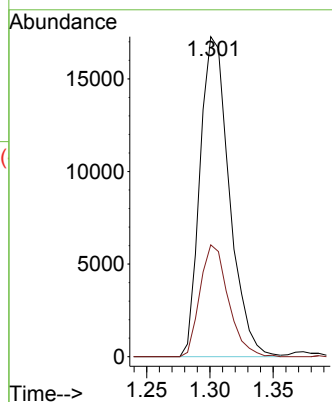
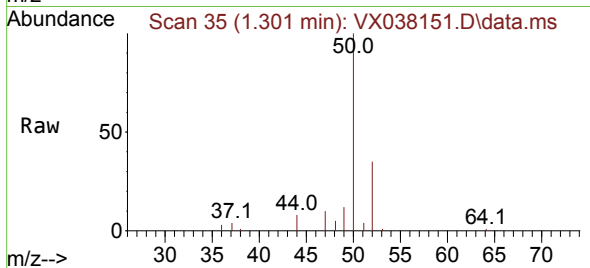
VX1006WBS02

Tgt Ion: 50 Resp: 27902

Ion Ratio Lower Upper

50 100

52 34.9 24.5 36.7



#4

Vinyl Chloride

Concen: 21.677 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX038151.D

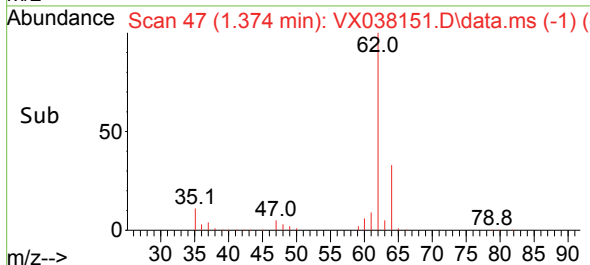
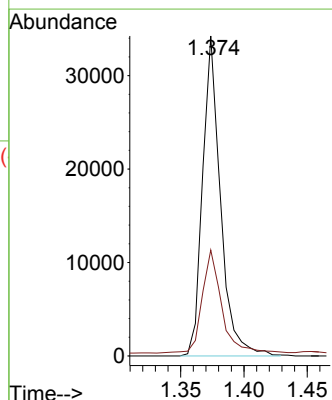
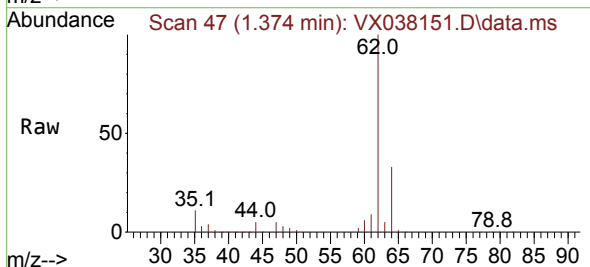
Acq: 07 Oct 2023 01:47

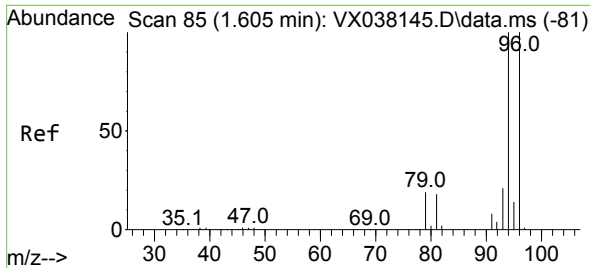
Tgt Ion: 62 Resp: 33821

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9

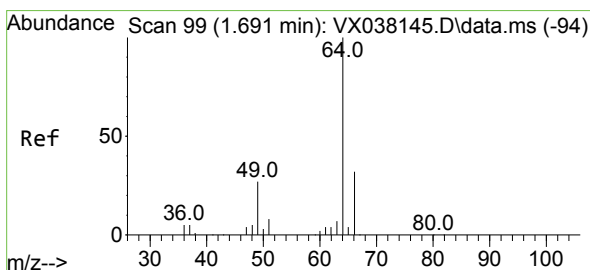
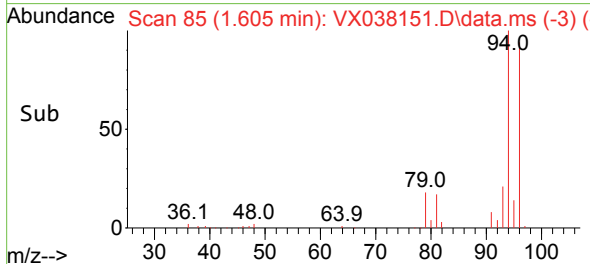
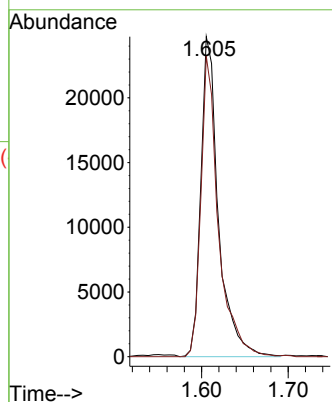
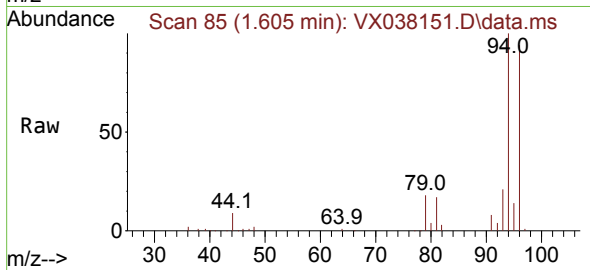




#5
Bromomethane
Concen: 18.516 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

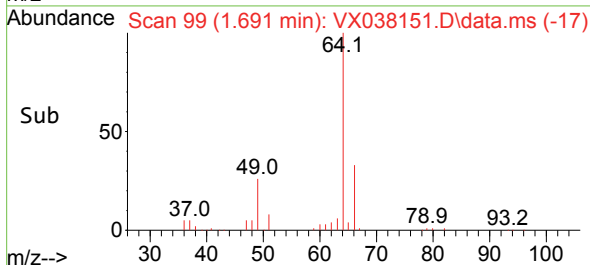
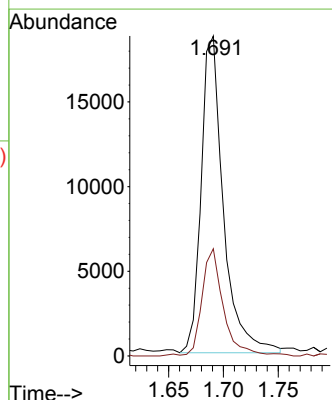
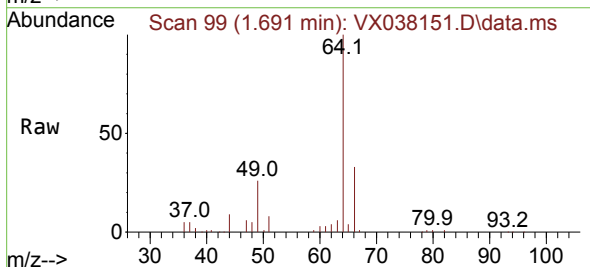
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

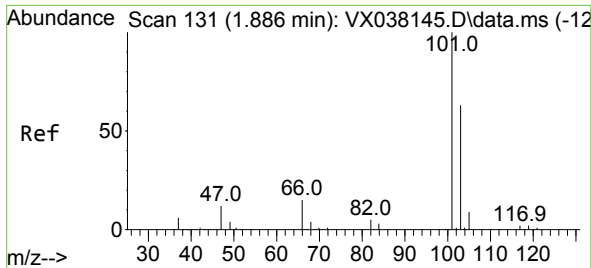
Tgt Ion: 94 Resp: 34955
Ion Ratio Lower Upper
94 100
96 93.9 77.4 116.2



#6
Chloroethane
Concen: 19.921 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion: 64 Resp: 26457
Ion Ratio Lower Upper
64 100
66 33.6 23.1 34.7

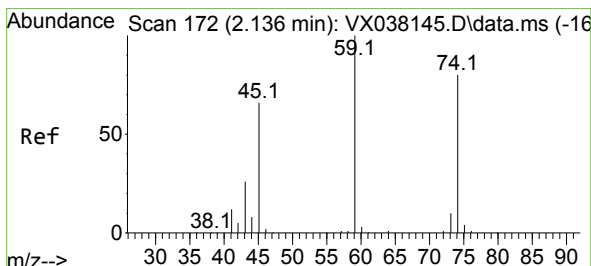
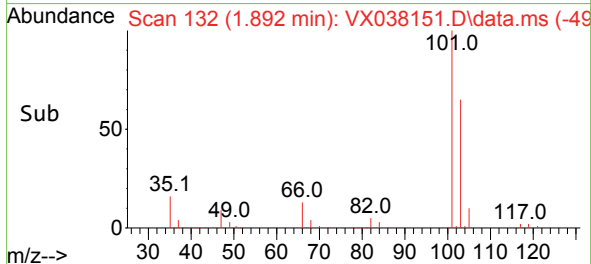
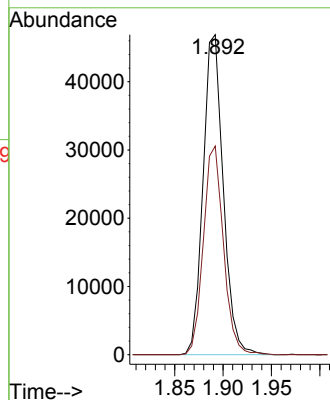
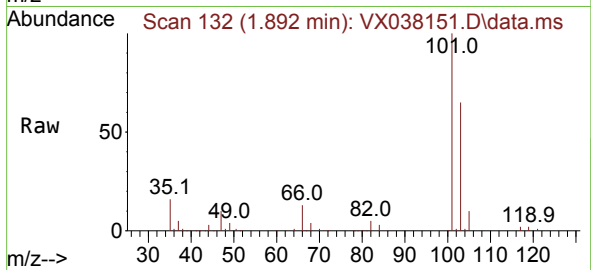




#7
 Trichlorofluoromethane
 Concen: 20.534 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038151.D
 Acq: 07 Oct 2023 01:47

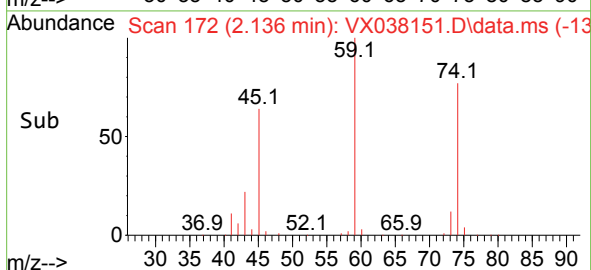
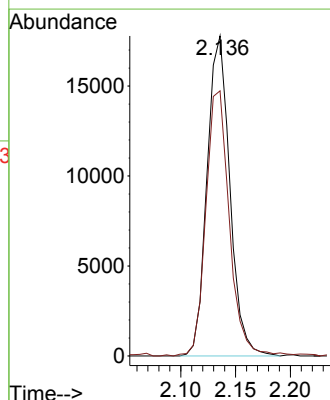
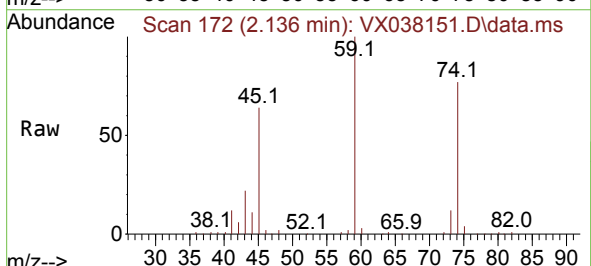
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1006WBS02

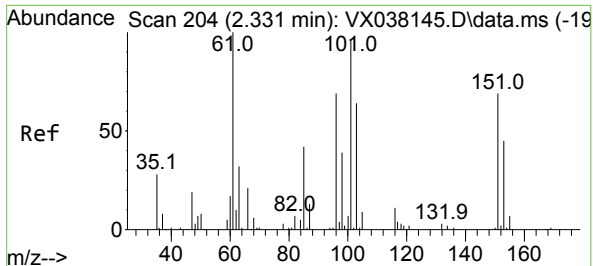
Tgt Ion:101 Resp: 68234
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.2 78.2



#8
 Diethyl Ether
 Concen: 21.215 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX038151.D
 Acq: 07 Oct 2023 01:47

Tgt Ion: 74 Resp: 25718
 Ion Ratio Lower Upper
 74 100
 45 85.5 19.9 178.9

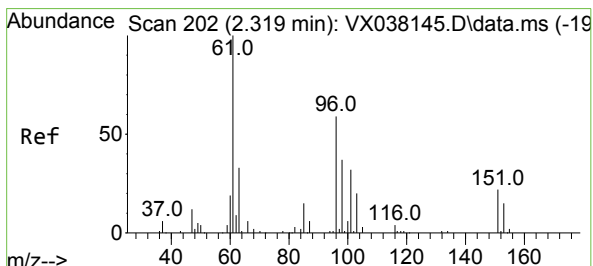
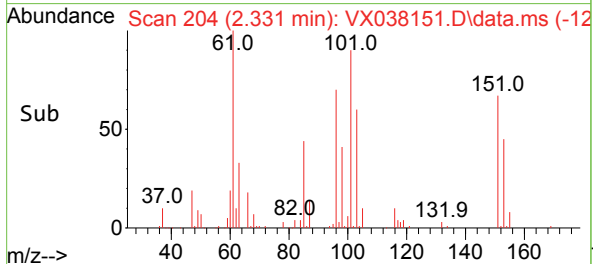
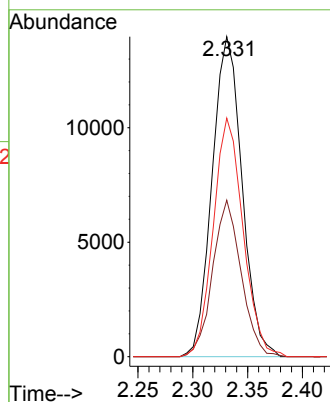
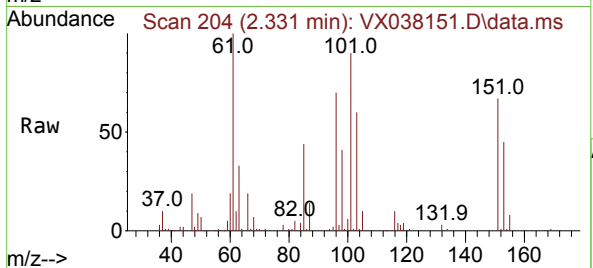




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.933 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX038151.D
 Acq: 07 Oct 2023 01:47

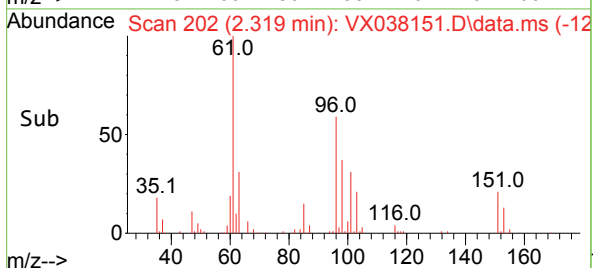
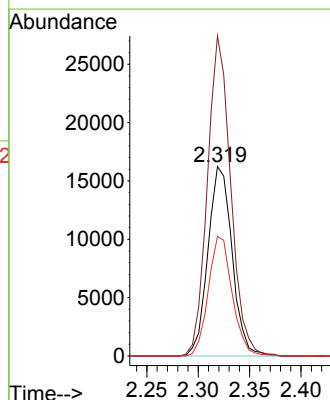
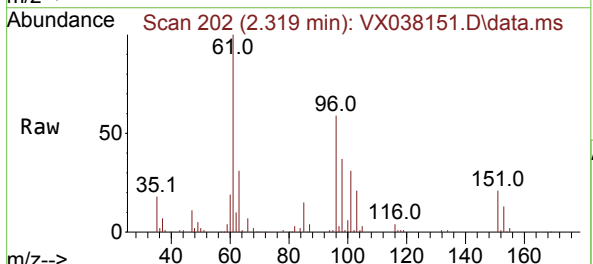
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1006WBS02

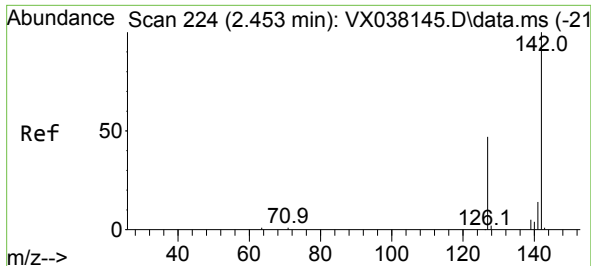
Tgt Ion:101 Resp: 26569
 Ion Ratio Lower Upper
 101 100
 85 46.6 0.0 91.0
 151 74.2 0.0 155.4



#10
 1,1-Dichloroethene
 Concen: 21.440 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX038151.D
 Acq: 07 Oct 2023 01:47

Tgt Ion: 96 Resp: 26513
 Ion Ratio Lower Upper
 96 100
 61 168.9 127.2 190.8
 98 63.1 52.7 79.1





#11

Methyl Iodide

Concen: 20.992 ug/l

RT: 2.453 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX038151.D

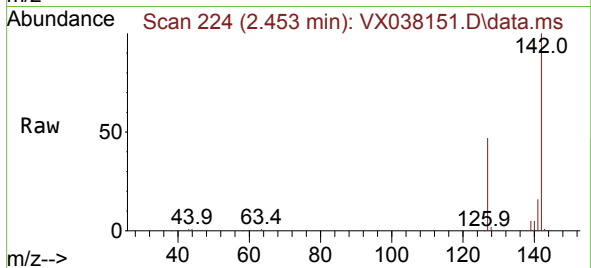
Acq: 07 Oct 2023 01:47

Instrument :

MSVOA_X

ClientSampleId :

VX1006WBS02



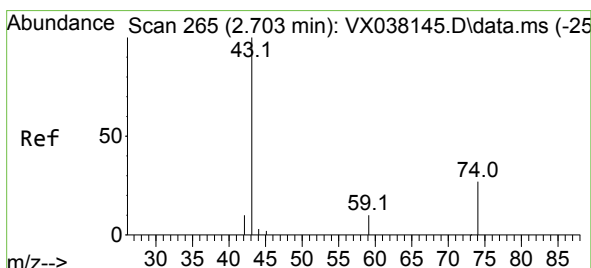
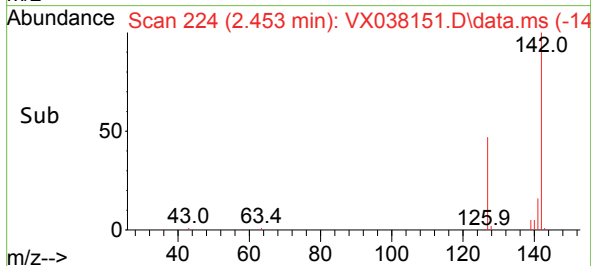
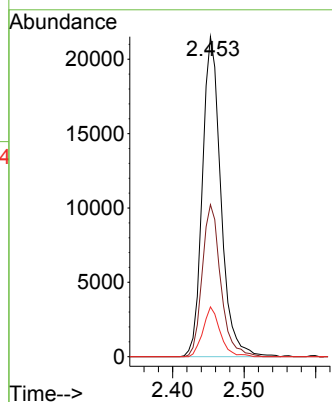
Tgt Ion:142 Resp: 38682

Ion Ratio Lower Upper

142 100

127 47.5 22.9 68.8

141 15.5 7.5 22.6



#12

Methyl Acetate

Concen: 19.859 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX038151.D

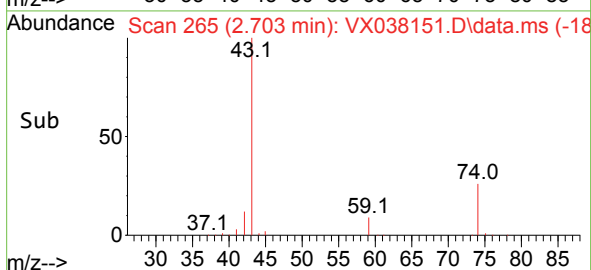
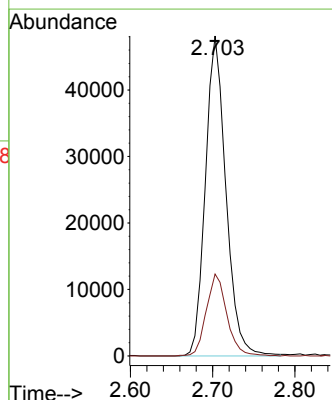
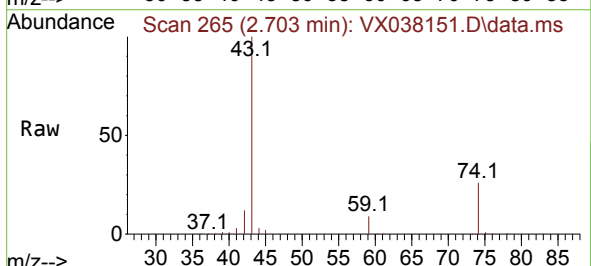
Acq: 07 Oct 2023 01:47

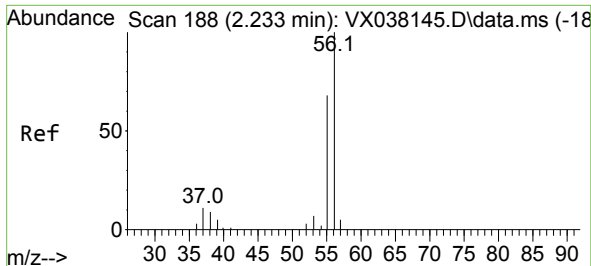
Tgt Ion: 43 Resp: 83578

Ion Ratio Lower Upper

43 100

74 25.6 20.3 30.5

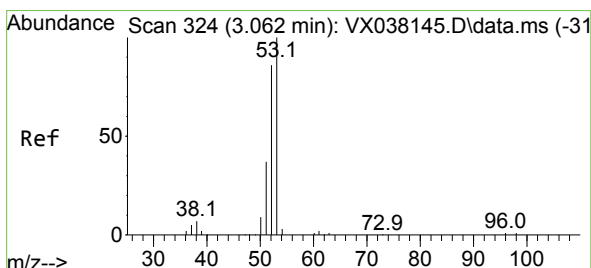
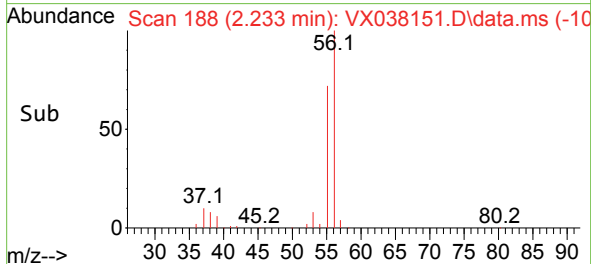
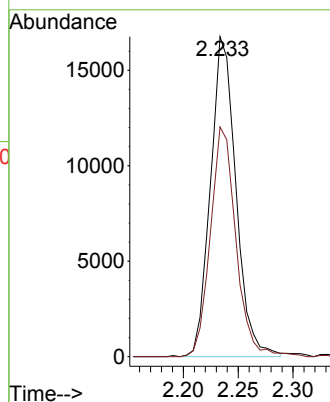
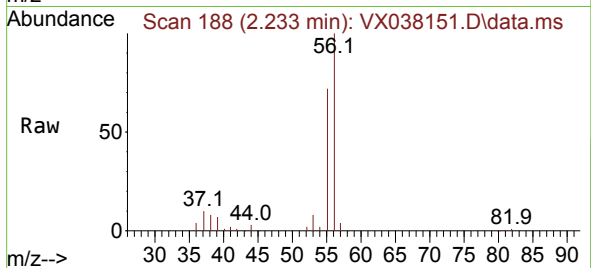




#13
Acrolein
Concen: 102.617 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

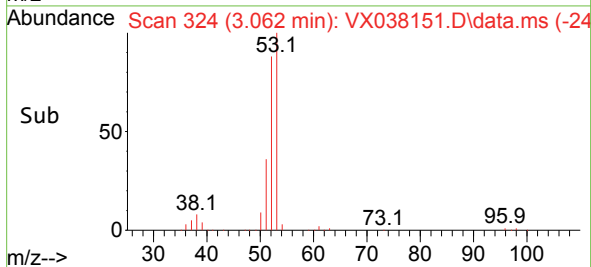
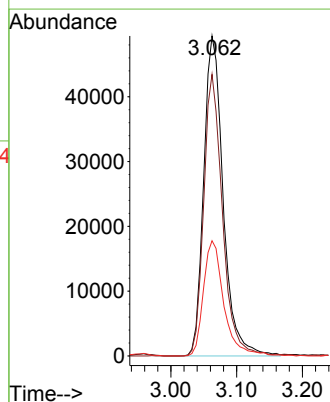
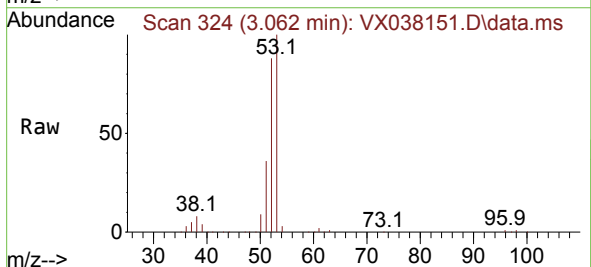
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

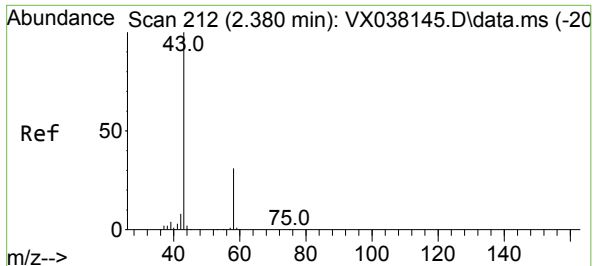
Tgt Ion: 56 Resp: 27073
Ion Ratio Lower Upper
56 100
55 71.6 59.7 89.5



#14
Acrylonitrile
Concen: 103.316 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion: 53 Resp: 101905
Ion Ratio Lower Upper
53 100
52 84.6 40.0 119.9
51 37.6 18.2 54.6





#15

Acetone

Concen: 106.671 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

Instrument :

MSVOA_X

ClientSampleId :

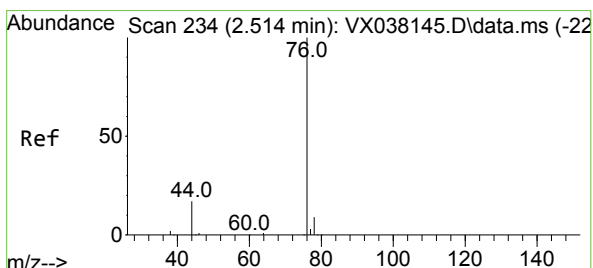
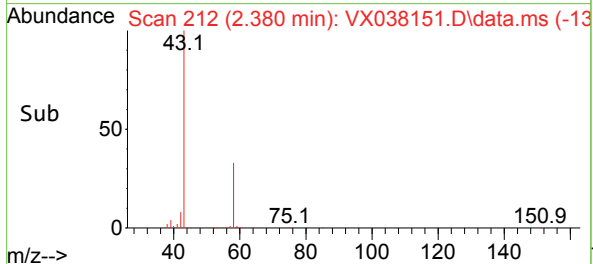
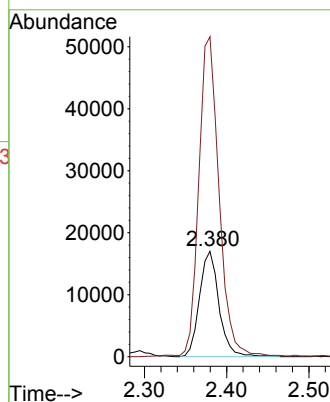
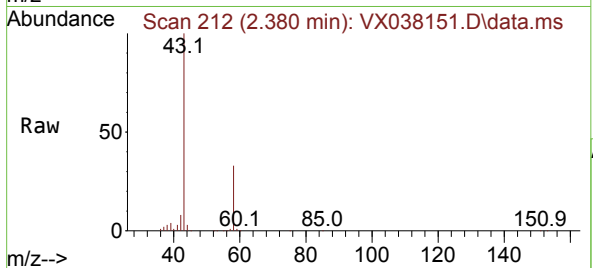
VX1006WBS02

Tgt Ion: 58 Resp: 28016

Ion Ratio Lower Upper

58 100

43 302.7 261.0 391.4



#16

Carbon Disulfide

Concen: 20.832 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX038151.D

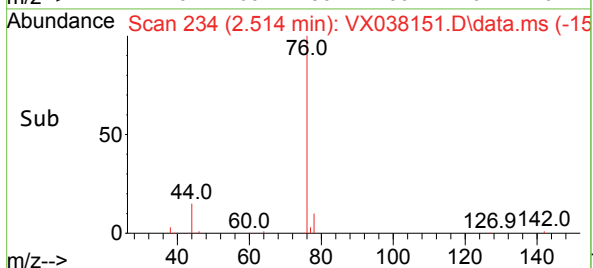
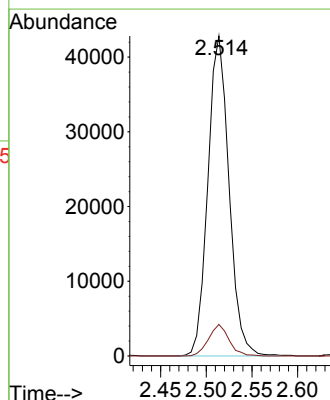
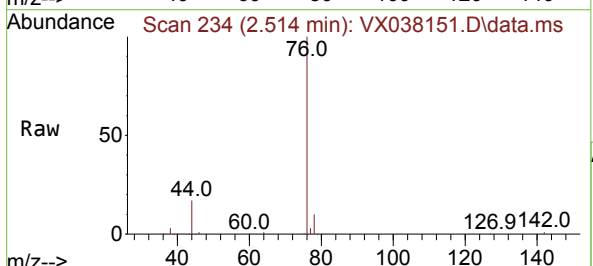
Acq: 07 Oct 2023 01:47

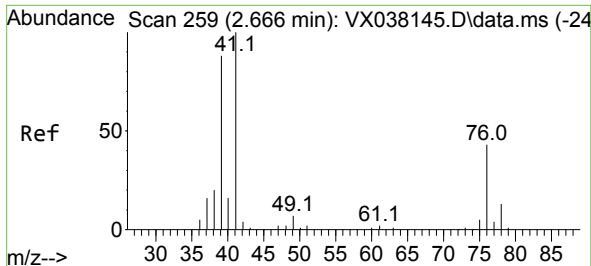
Tgt Ion: 76 Resp: 68834

Ion Ratio Lower Upper

76 100

78 9.8 8.0 12.0





#17

Allyl chloride

Concen: 20.643 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

Instrument :

MSVOA_X

ClientSampleId :

VX1006WBS02

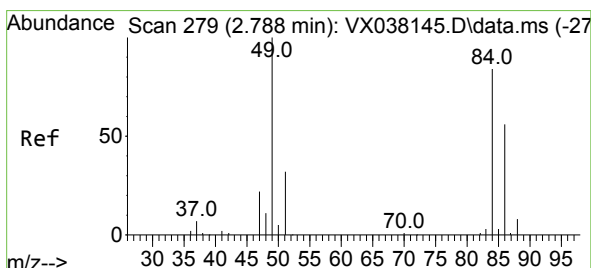
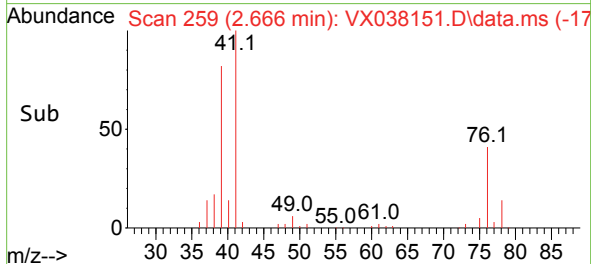
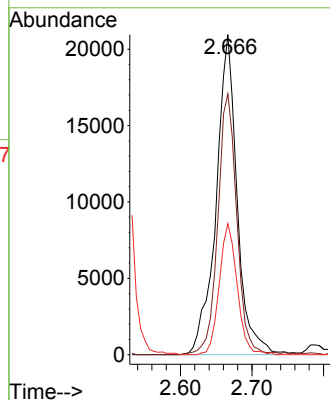
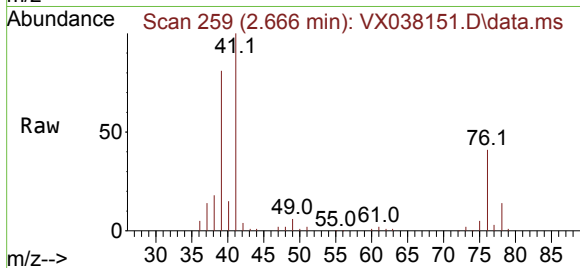
Tgt Ion: 41 Resp: 42897

Ion Ratio Lower Upper

41 100

39 81.5 38.5 115.3

76 41.0 18.6 55.8



#18

Methylene Chloride

Concen: 20.776 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

Tgt Ion: 84 Resp: 33497

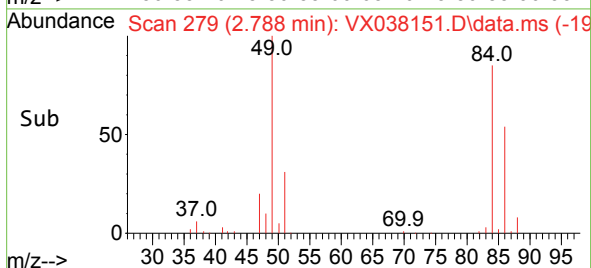
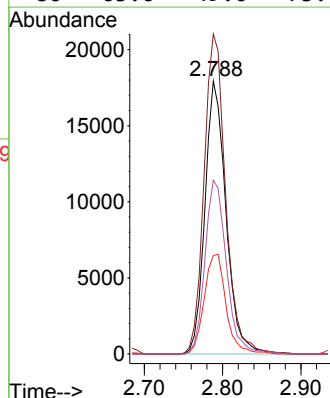
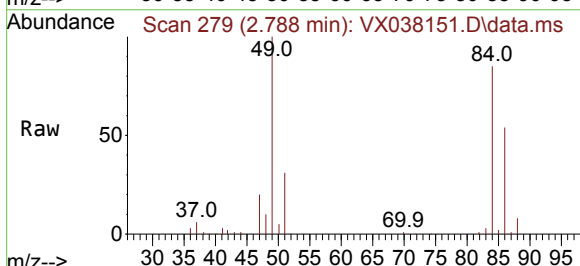
Ion Ratio Lower Upper

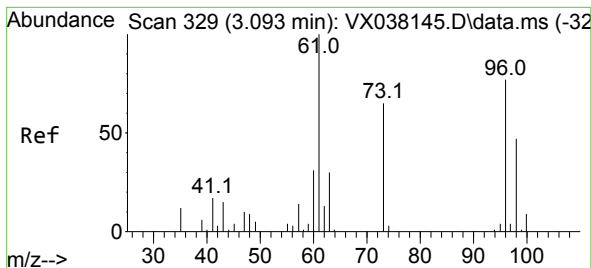
84 100

49 117.2 95.4 143.0

51 36.0 28.3 42.5

86 63.6 49.0 73.6





#19

trans-1,2-Dichloroethene

Concen: 20.556 ug/l

RT: 3.093 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

Instrument :

MSVOA_X

ClientSampleId :

VX1006WBS02

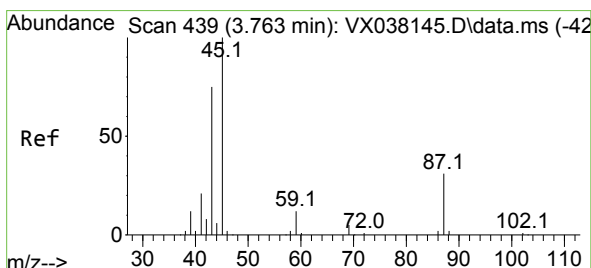
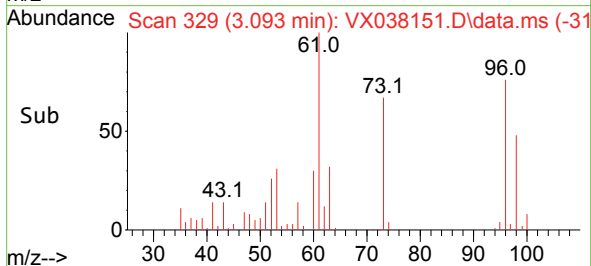
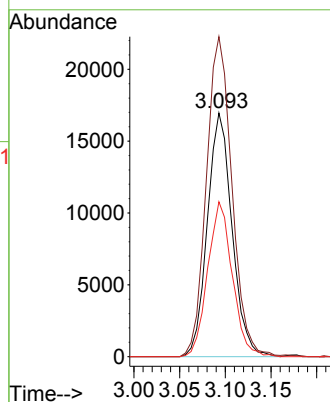
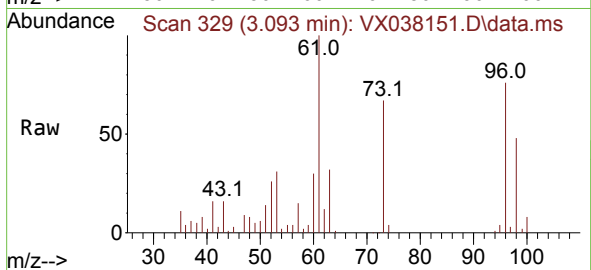
Tgt Ion: 96 Resp: 31833

Ion Ratio Lower Upper

96 100

61 131.3 108.7 163.1

98 63.6 49.1 73.7



#20

Diisopropyl ether

Concen: 20.785 ug/l

RT: 3.764 min Scan# 439

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

Tgt Ion: 45 Resp: 94785

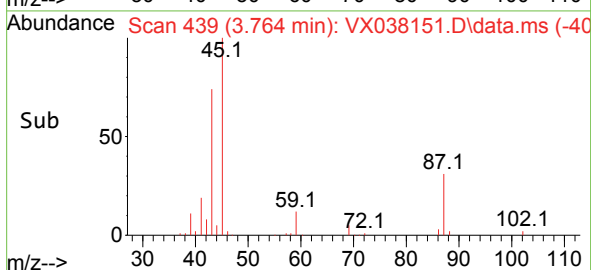
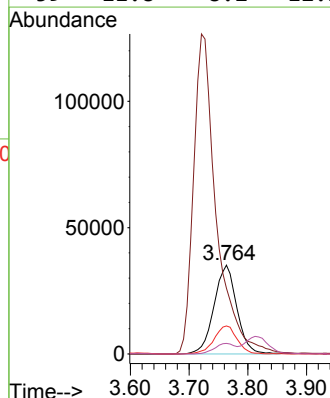
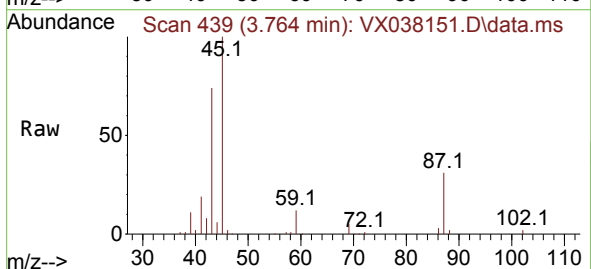
Ion Ratio Lower Upper

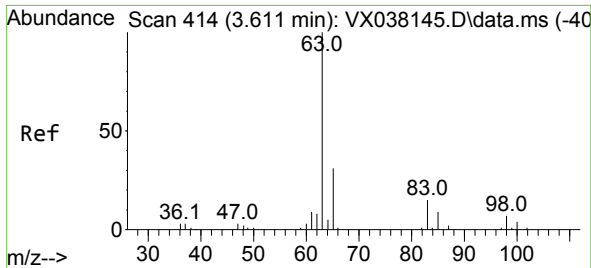
45 100

43 72.0 55.8 83.6

87 31.5 23.0 34.4

59 11.8 8.2 12.2

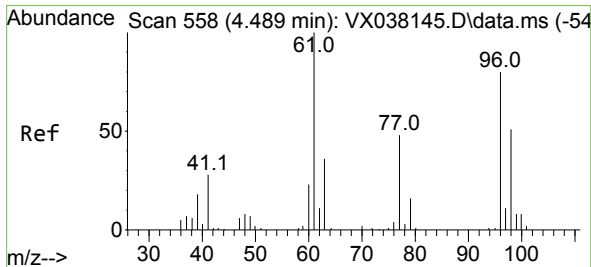
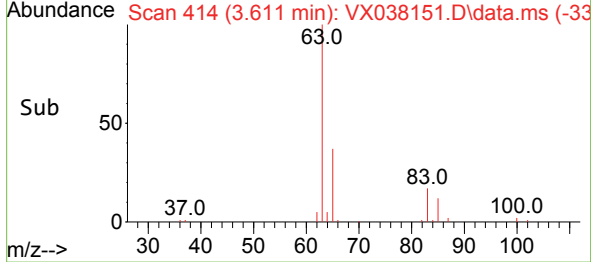
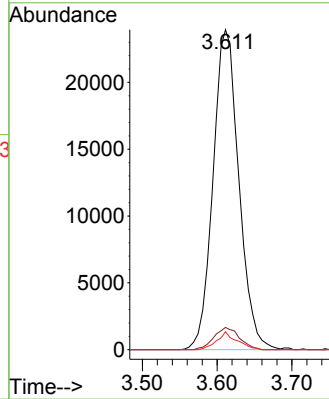
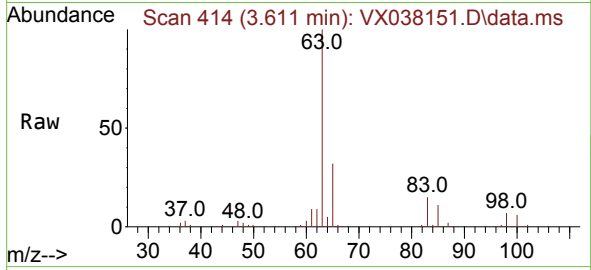




#21
1,1-Dichloroethane
Concen: 20.679 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

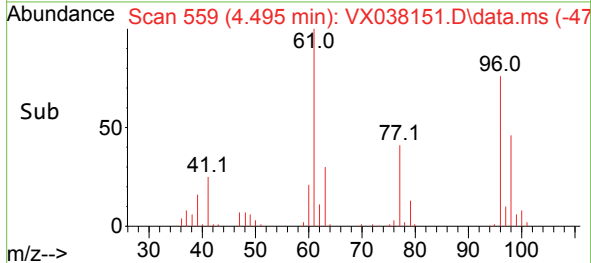
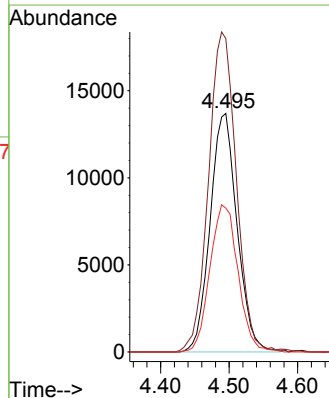
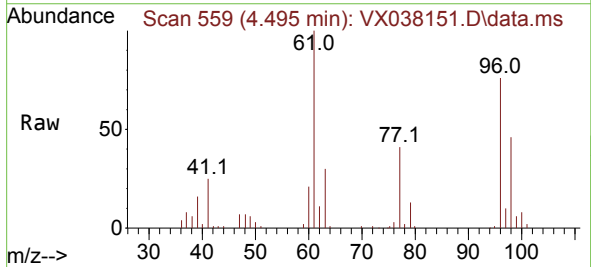
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

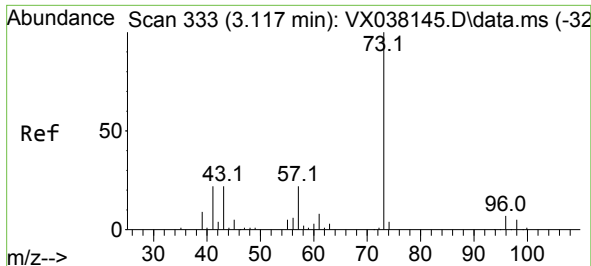
Tgt Ion: 63 Resp: 57392
Ion Ratio Lower Upper
63 100
98 6.9 3.2 9.6
100 5.6 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 20.555 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion: 96 Resp: 37490
Ion Ratio Lower Upper
96 100
61 137.8 114.0 171.0
98 64.1 51.6 77.4

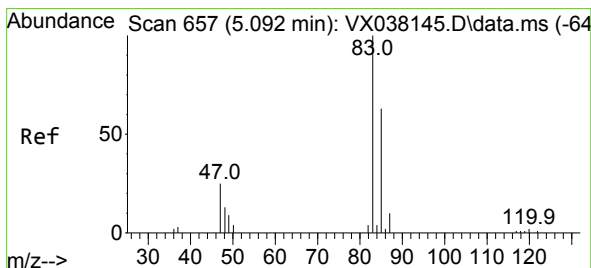
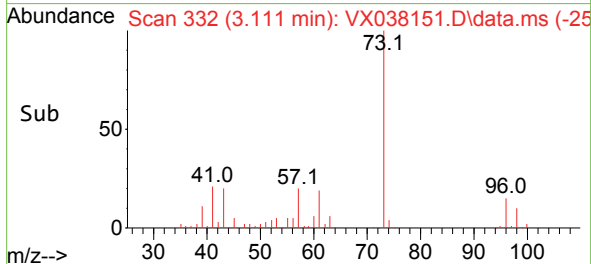
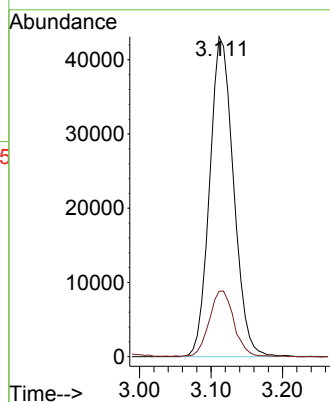
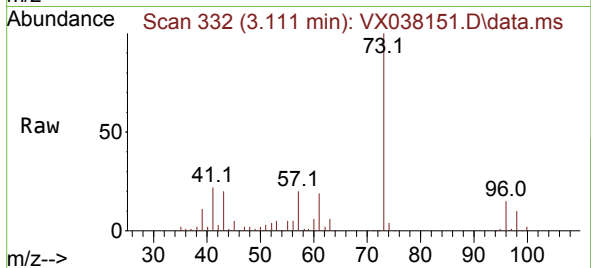




#24
Methyl tert-Butyl Ether
Concen: 20.651 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

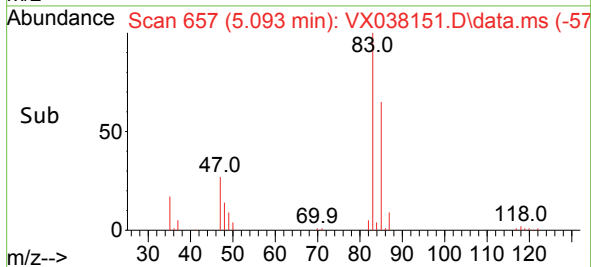
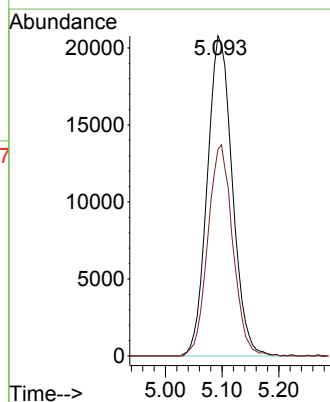
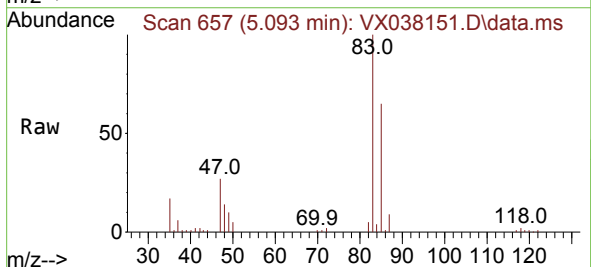
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

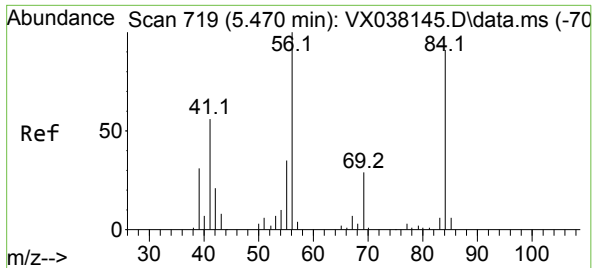
Tgt Ion: 73 Resp: 100250
Ion Ratio Lower Upper
73 100
43 21.3 16.8 25.2



#25
Chloroform
Concen: 20.266 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion: 83 Resp: 63867
Ion Ratio Lower Upper
83 100
85 64.5 51.5 77.3

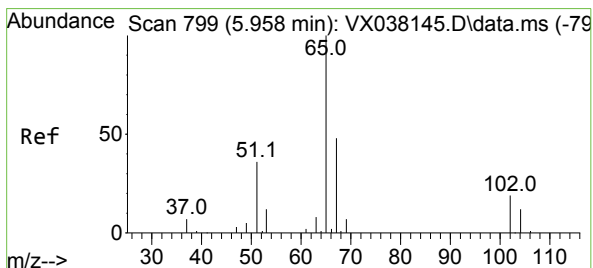
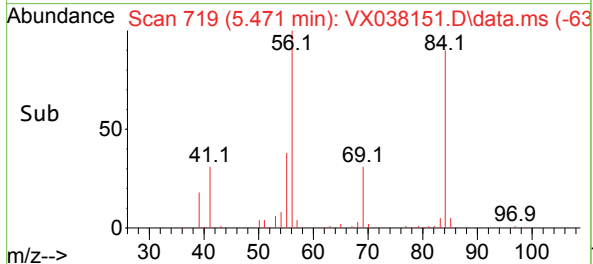
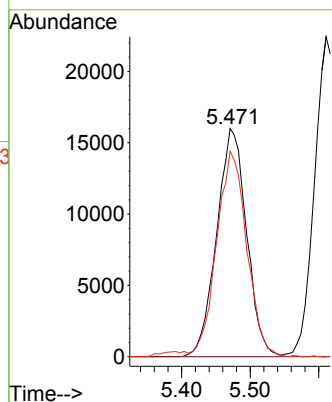
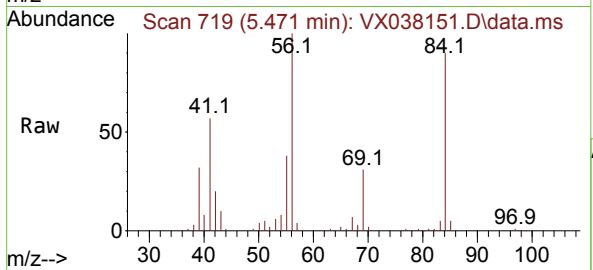




#26
Cyclohexane
Concen: 20.618 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

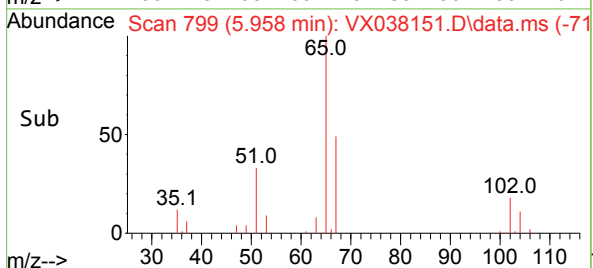
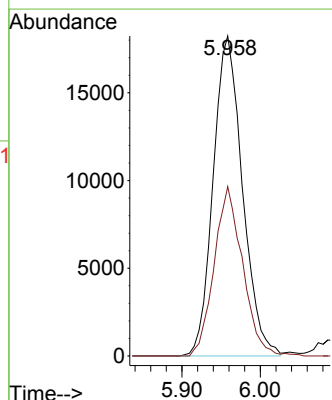
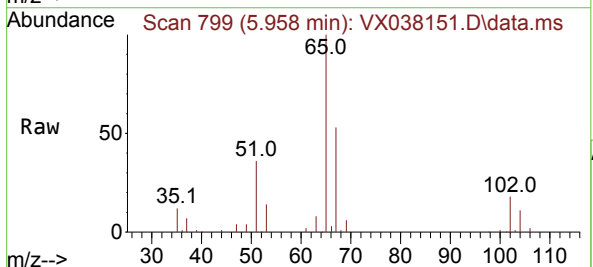
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

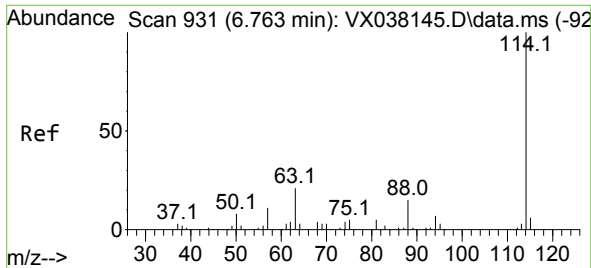
Tgt Ion: 56 Resp: 48403
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.8 71.4 107.2



#27
1,2-Dichloroethane-d4
Concen: 31.023 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion: 65 Resp: 47362
Ion Ratio Lower Upper
65 100
67 51.1 42.1 63.1

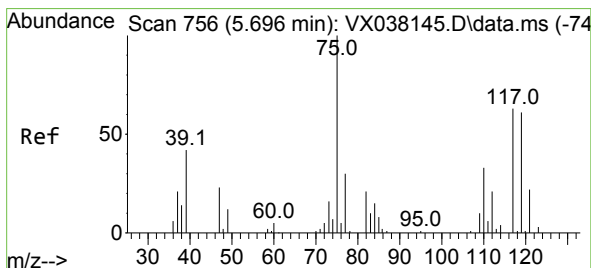
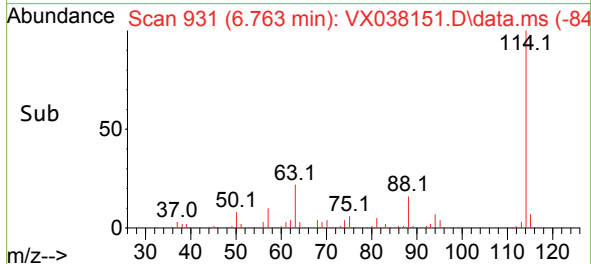
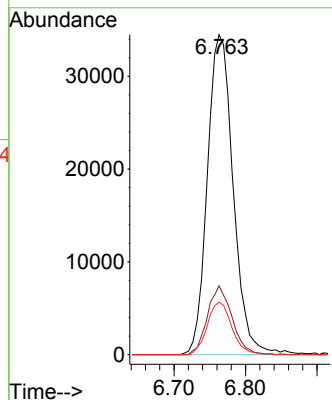
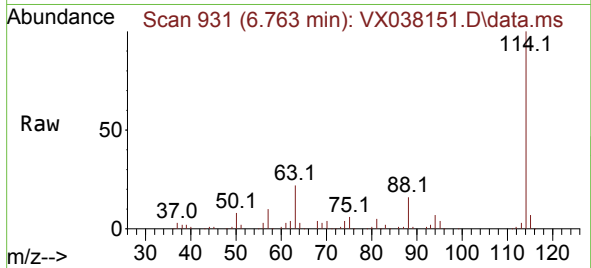




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

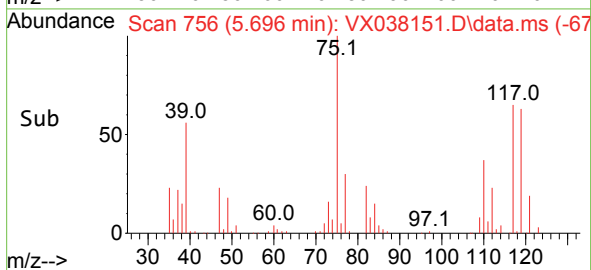
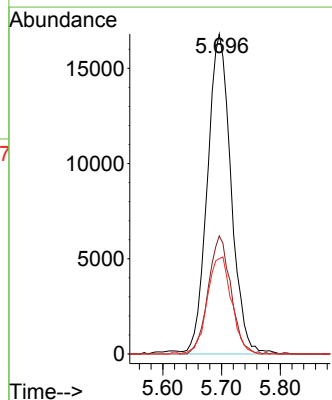
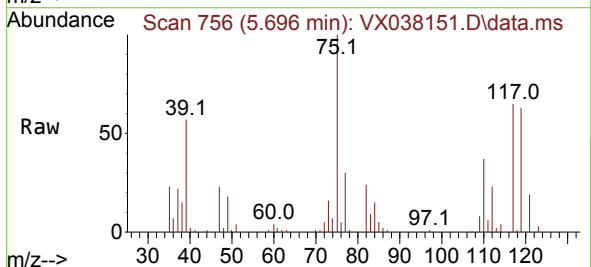
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

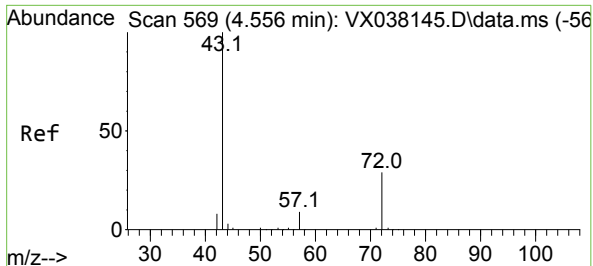
Tgt Ion:114 Resp: 86424
Ion Ratio Lower Upper
114 100
63 20.5 16.6 24.8
88 15.6 12.9 19.3



#29
1,1-Dichloropropene
Concen: 20.520 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion: 75 Resp: 46921
Ion Ratio Lower Upper
75 100
110 35.3 0.0 70.4
77 31.3 0.0 62.8





#30

2-Butanone

Concen: 102.205 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

Instrument :

MSVOA_X

ClientSampleId :

VX1006WBS02

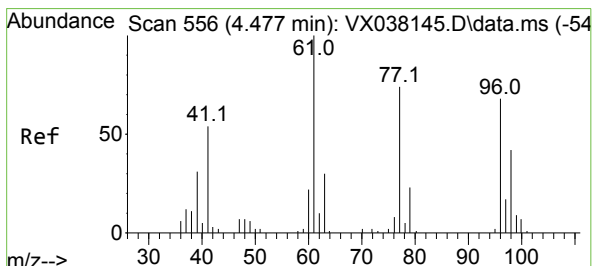
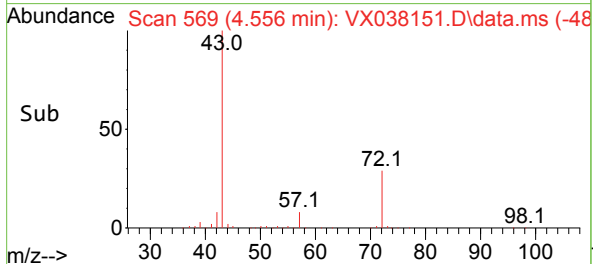
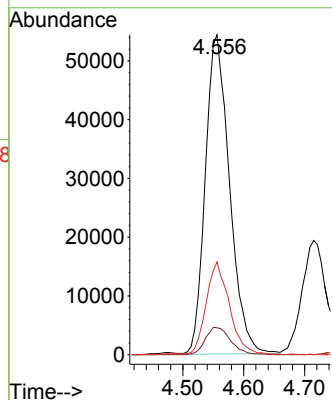
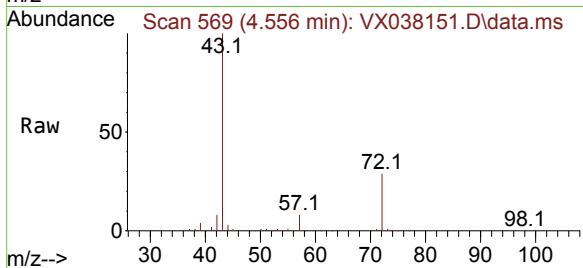
Tgt Ion: 43 Resp: 150210

Ion Ratio Lower Upper

43 100

57 8.9 6.4 9.6

72 27.9 21.6 32.4



#31

2,2-Dichloropropane

Concen: 18.231 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX038151.D

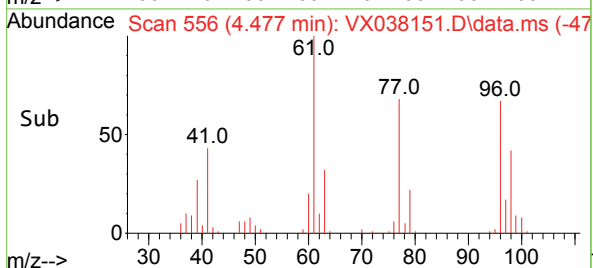
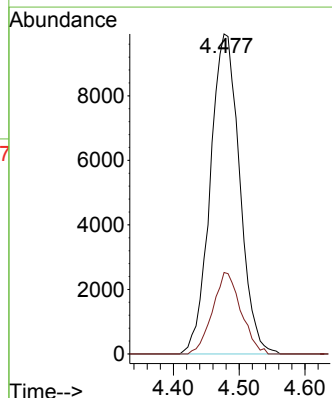
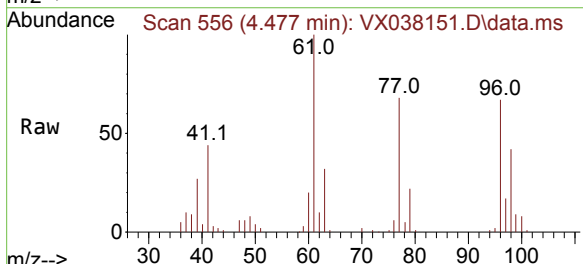
Acq: 07 Oct 2023 01:47

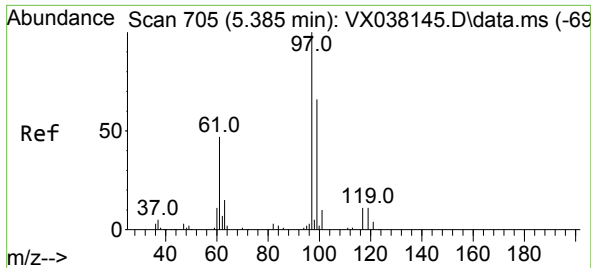
Tgt Ion: 77 Resp: 30794

Ion Ratio Lower Upper

77 100

97 24.6 18.6 27.8

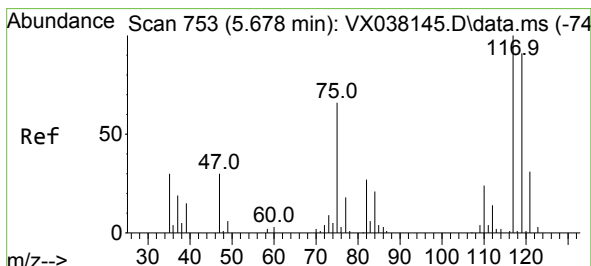
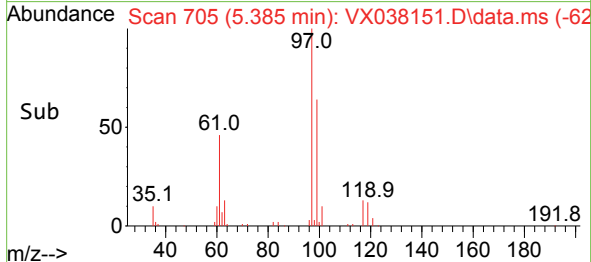
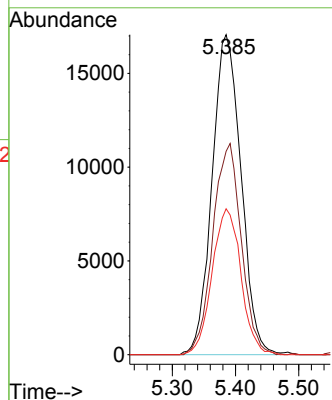
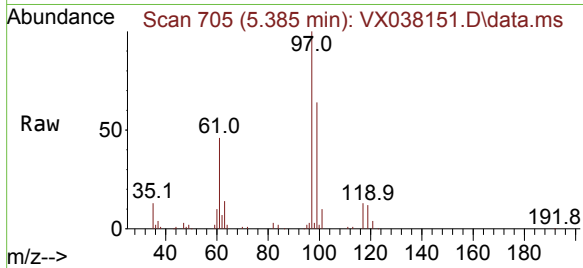




#32
1,1,1-Trichloroethane
Concen: 19.852 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

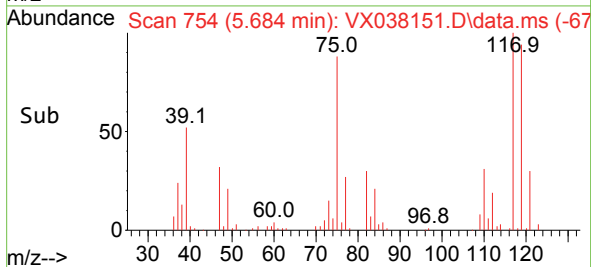
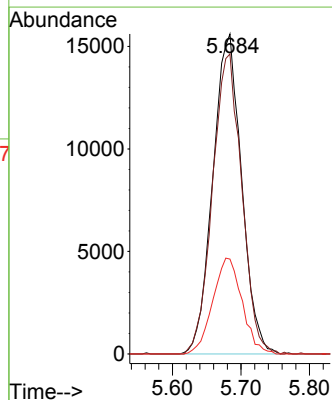
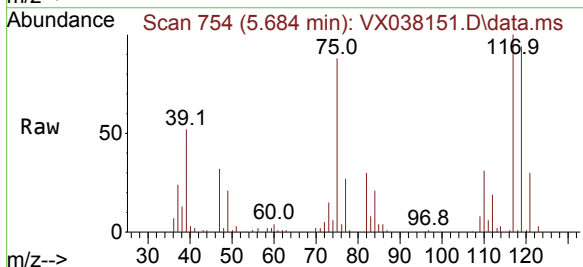
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

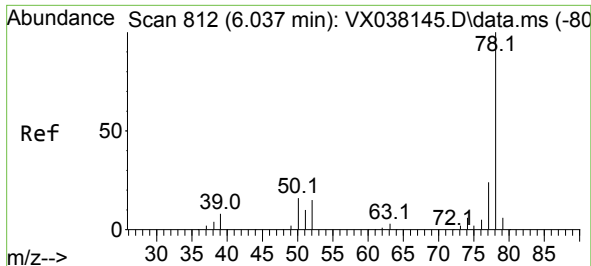
Tgt Ion: 97	Resp: 54240
Ion Ratio	Lower Upper
97 100	
99 64.8	51.5 77.3
61 45.5	35.8 53.8



#33
Carbon Tetrachloride
Concen: 19.636 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion:117	Resp:	45454	
Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.6	115.0
121	29.7	26.5	39.7

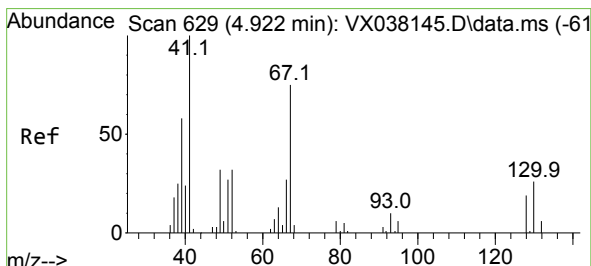
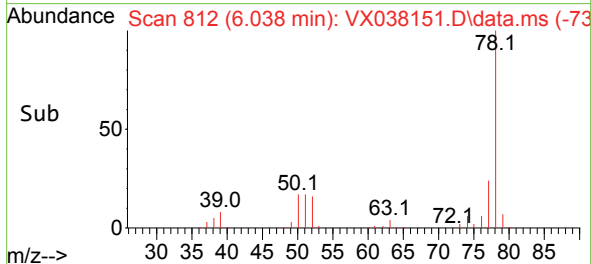
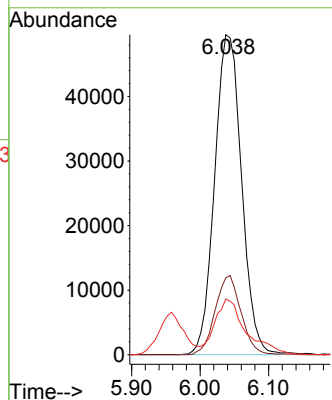
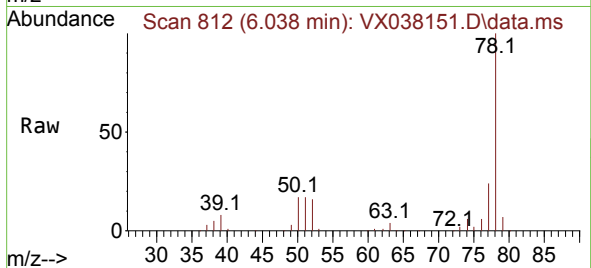




#34
Benzene
Concen: 19.974 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

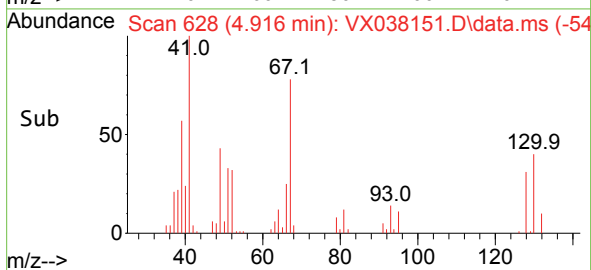
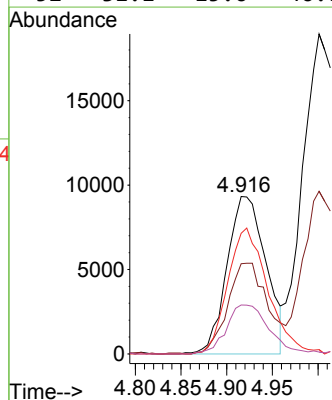
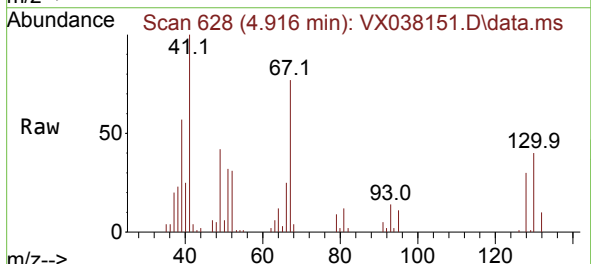
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

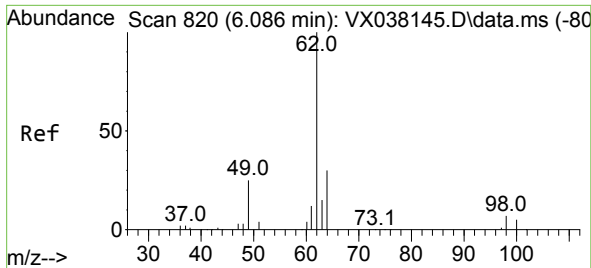
Tgt Ion: 78 Resp: 135105
Ion Ratio Lower Upper
78 100
77 24.0 18.7 28.1
51 16.1 14.2 21.4



#35
Methacrylonitrile
Concen: 20.093 ug/l
RT: 4.916 min Scan# 628
Delta R.T. -0.006 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion: 41 Resp: 27647
Ion Ratio Lower Upper
41 100
39 56.7 28.2 84.7
67 76.6 35.0 105.1
52 31.1 15.6 46.7

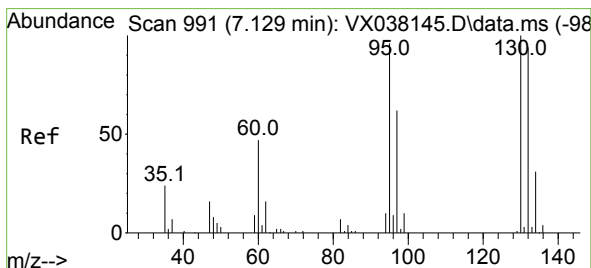
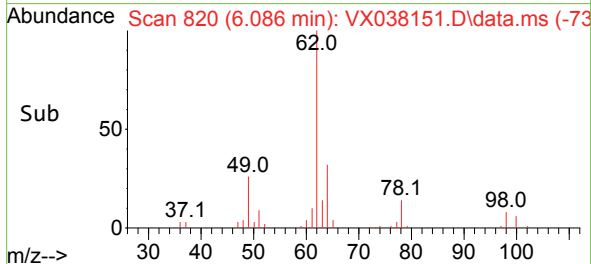
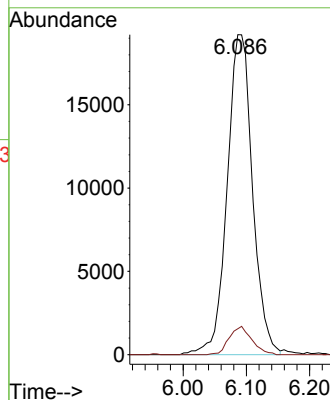
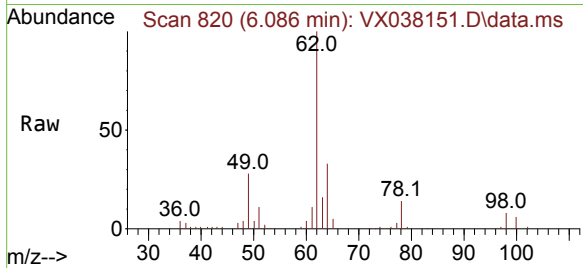




#36
1,2-Dichloroethane
Concen: 20.419 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

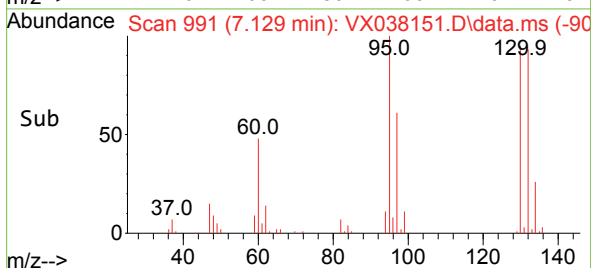
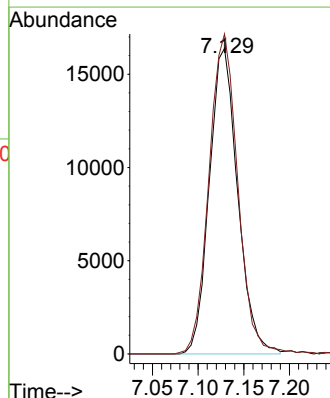
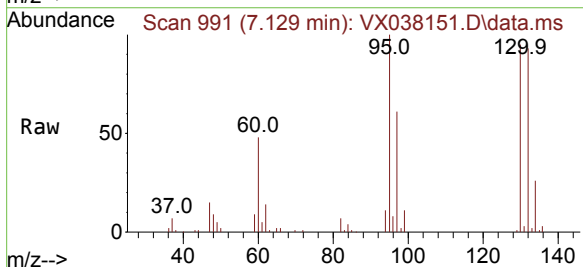
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

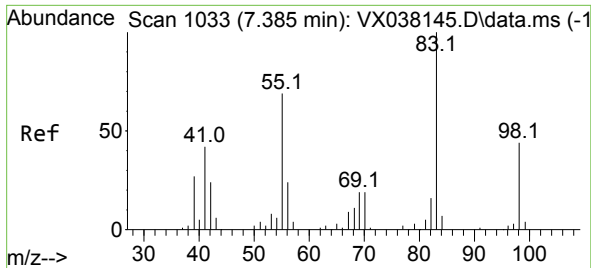
Tgt Ion: 62 Resp: 53581
Ion Ratio Lower Upper
62 100
98 7.9 7.0 10.6



#37
Trichloroethene
Concen: 19.866 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion:130 Resp: 35390
Ion Ratio Lower Upper
130 100
95 104.2 83.2 124.8

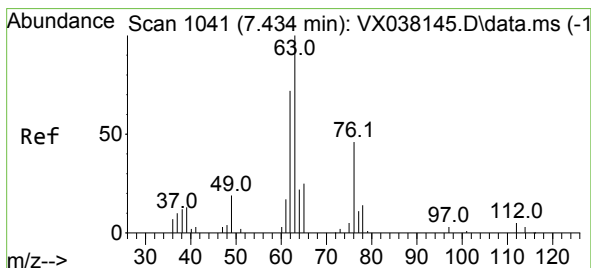
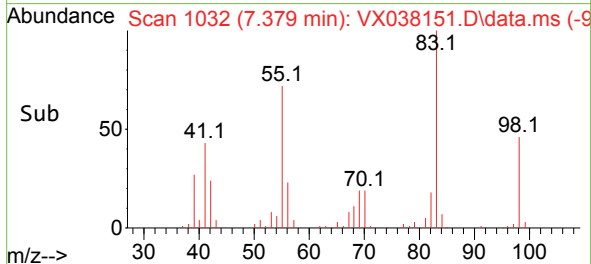
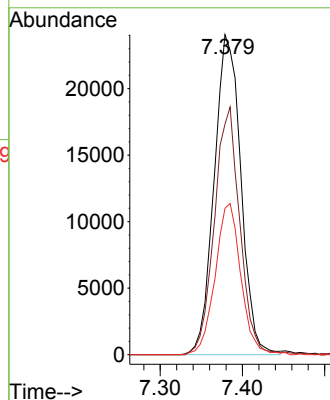
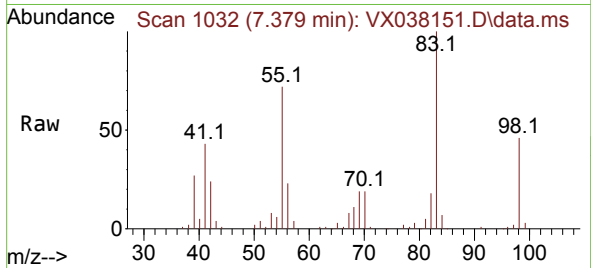




#38
Methylcyclohexane
Concen: 19.906 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

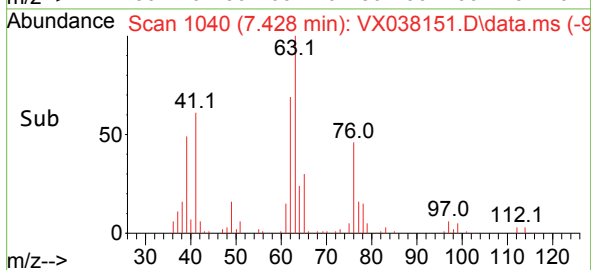
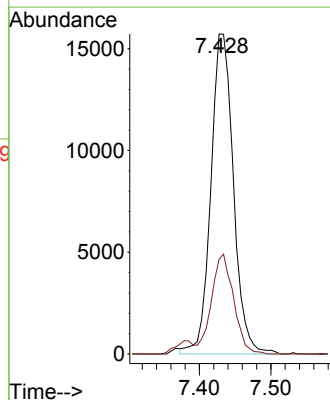
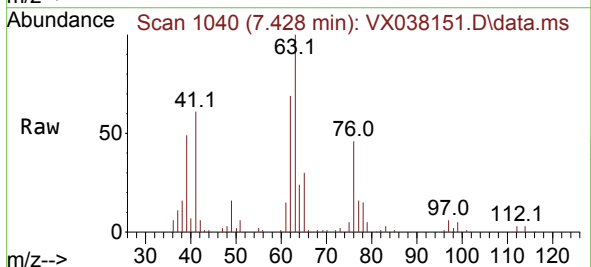
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

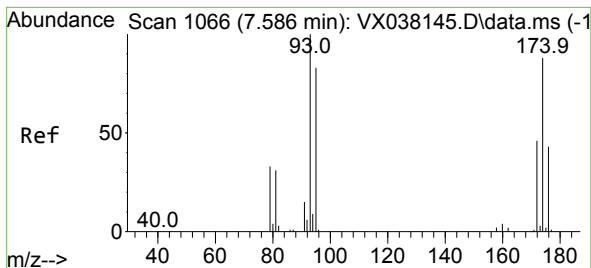
Tgt Ion: 83 Resp: 54216
Ion Ratio Lower Upper
83 100
55 73.6 38.1 114.5
98 45.5 24.4 73.4



#39
1,2-Dichloropropane
Concen: 20.357 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion: 63 Resp: 34516
Ion Ratio Lower Upper
63 100
65 29.6 26.4 39.6





#40

Dibromomethane

Concen: 20.287 ug/l

RT: 7.586 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

Instrument :

MSVOA_X

ClientSampleId :

VX1006WBS02

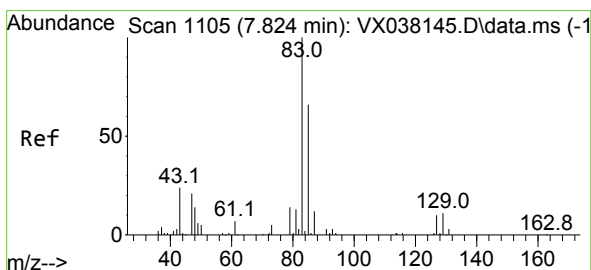
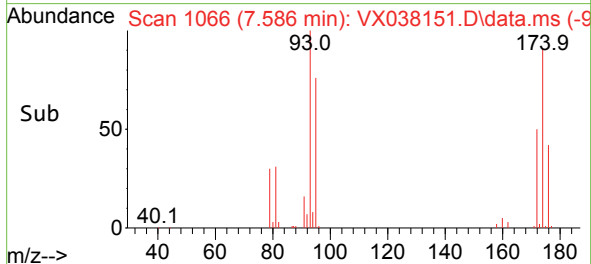
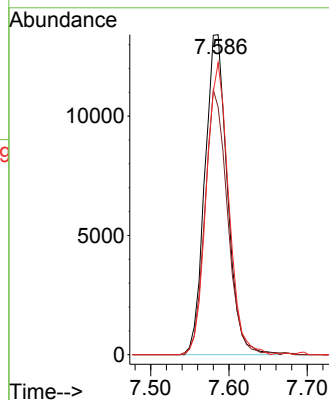
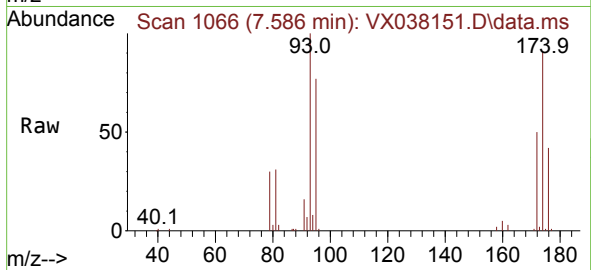
Tgt Ion: 93 Resp: 26878

Ion Ratio Lower Upper

93 100

95 82.0 0.0 166.8

174 90.7 0.0 191.6



#41

Bromodichloromethane

Concen: 19.895 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

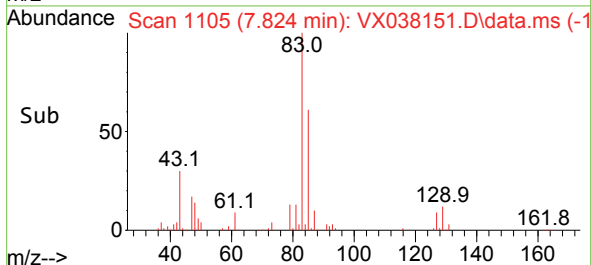
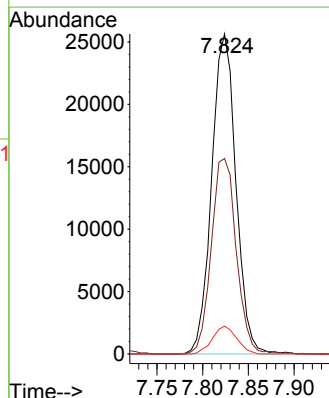
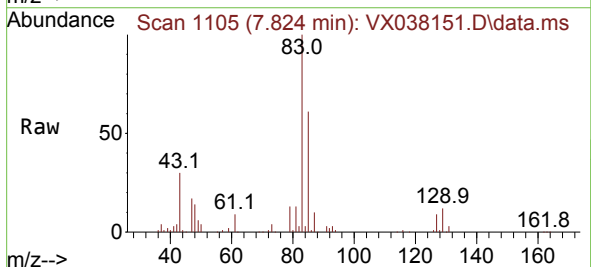
Tgt Ion: 83 Resp: 47252

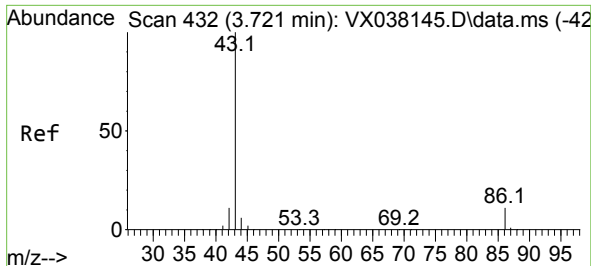
Ion Ratio Lower Upper

83 100

85 61.1 51.5 77.3

127 8.7 6.4 9.6

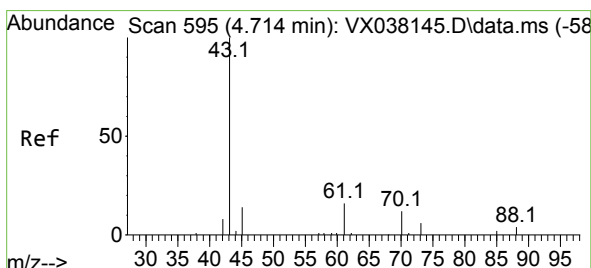
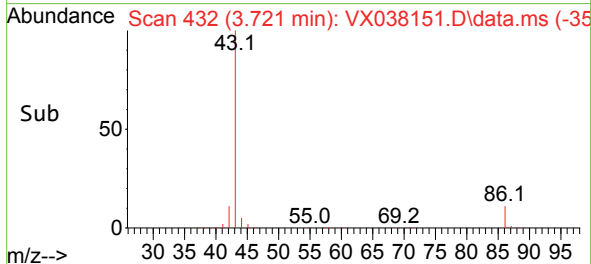
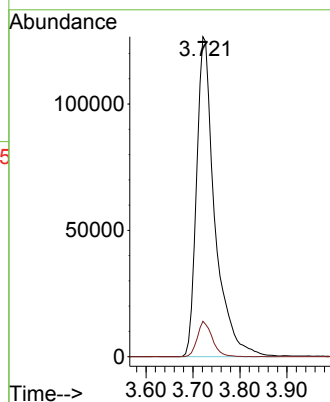
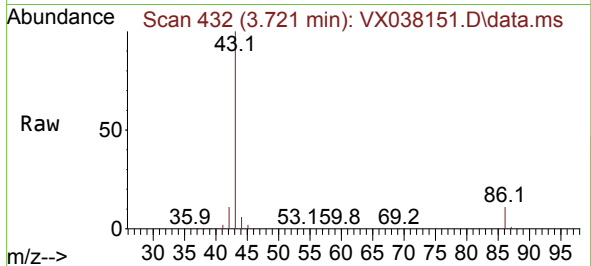




#42
 Vinyl Acetate
 Concen: 105.814 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038151.D
 Acq: 07 Oct 2023 01:47

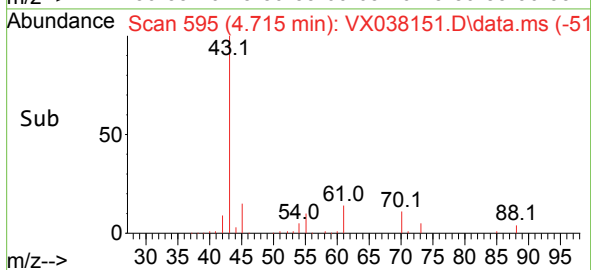
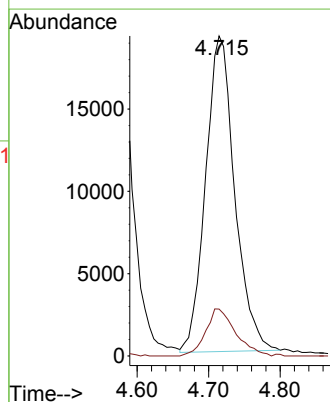
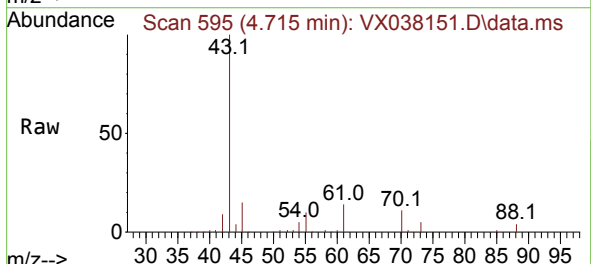
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1006WBS02

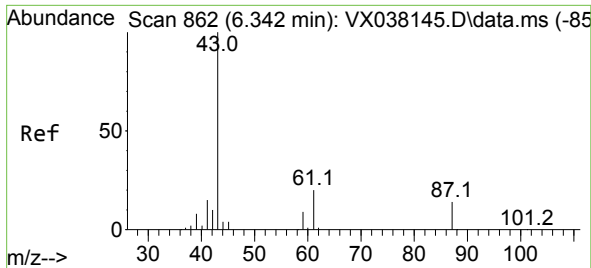
Tgt Ion: 43 Resp: 342279
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.4 11.0



#43
 Ethyl Acetate
 Concen: 20.189 ug/l
 RT: 4.715 min Scan# 595
 Delta R.T. 0.000 min
 Lab File: VX038151.D
 Acq: 07 Oct 2023 01:47

Tgt Ion: 43 Resp: 54285
 Ion Ratio Lower Upper
 43 100
 45 15.3 12.6 18.8

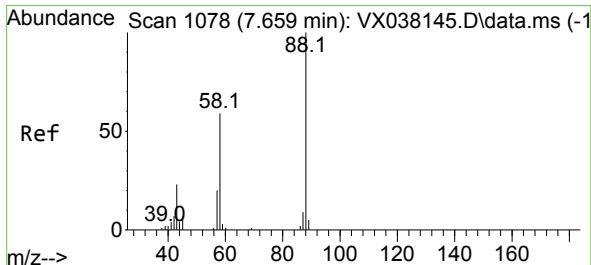
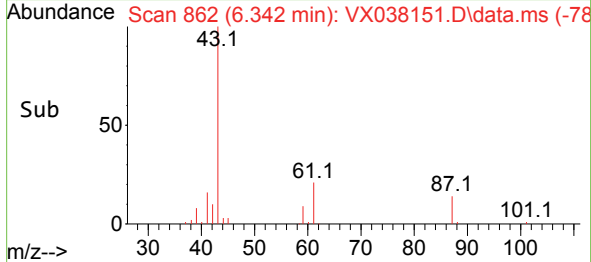
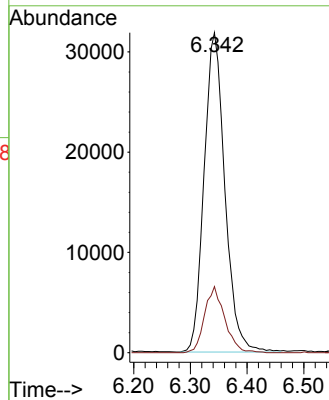
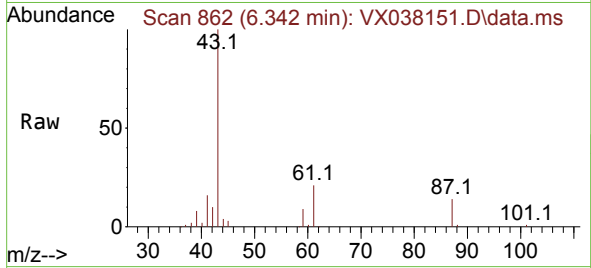




#44
Isopropyl Acetate
Concen: 20.078 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

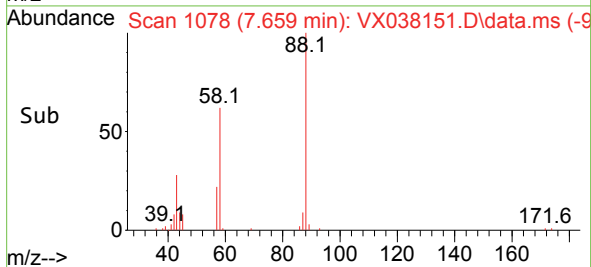
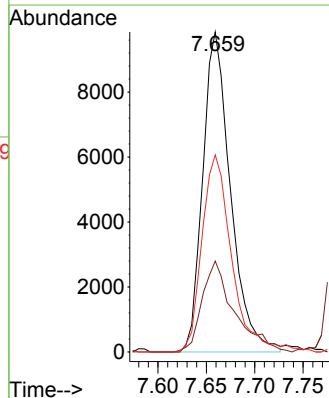
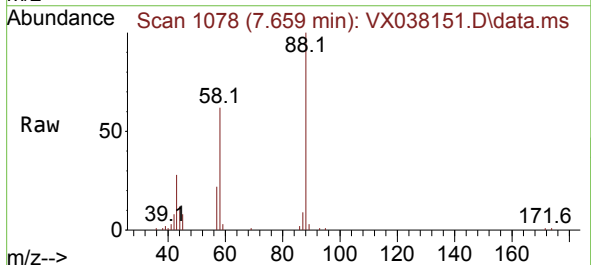
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

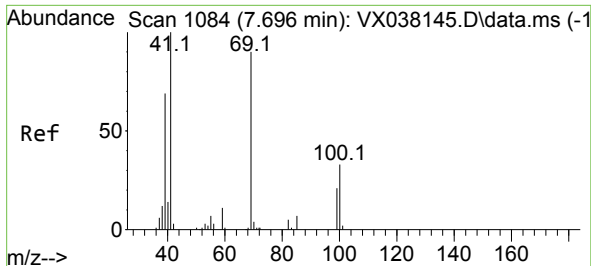
Tgt Ion: 43 Resp: 81258
Ion Ratio Lower Upper
43 100
61 19.7 15.4 23.0



#45
1,4-Dioxane
Concen: 382.615 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion: 88 Resp: 19678
Ion Ratio Lower Upper
88 100
43 30.8 297.5 446.3#
58 66.3 1.0 1.4#

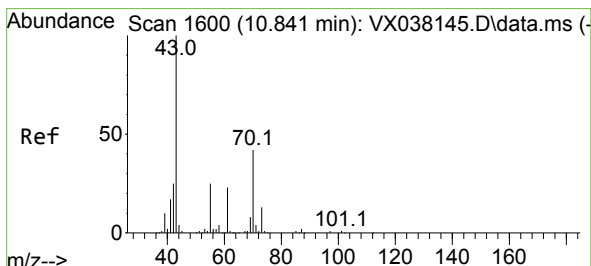
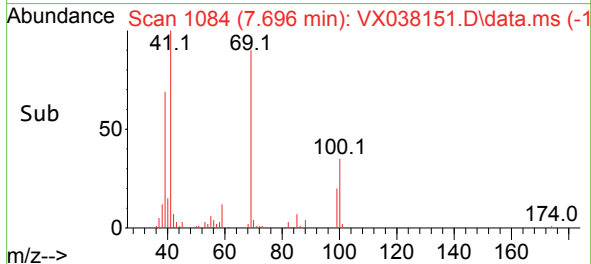
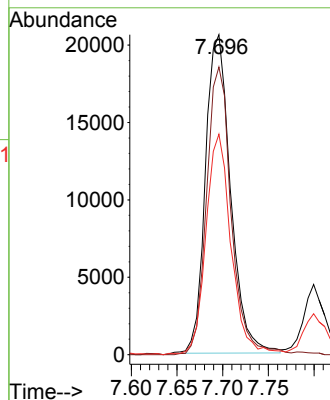
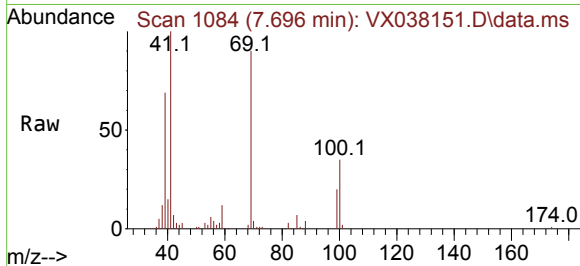




#46
Methyl methacrylate
Concen: 19.722 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

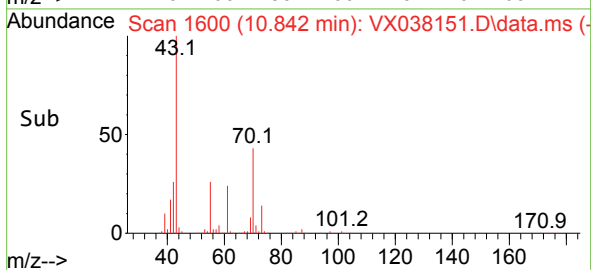
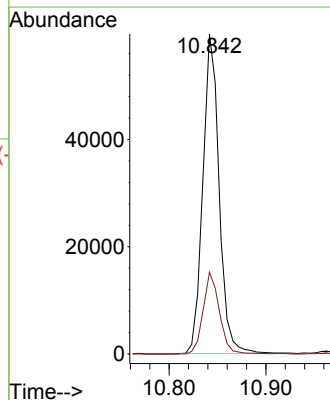
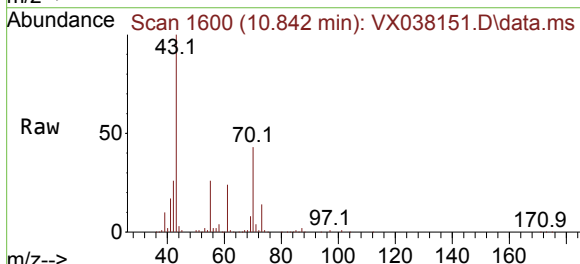
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

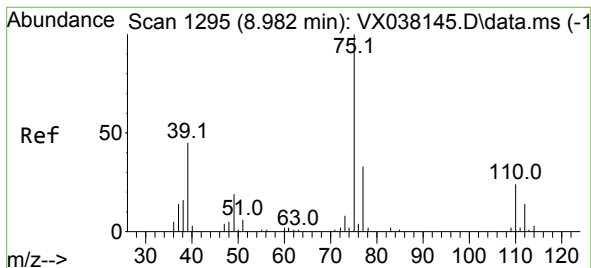
Tgt Ion: 41 Resp: 39352
Ion Ratio Lower Upper
41 100
69 90.3 44.4 133.1
39 69.0 34.9 104.7



#47
n-amy1 Acetate
Concen: 19.901 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion: 43 Resp: 69920
Ion Ratio Lower Upper
43 100
55 25.5 18.6 28.0





#48

t-1,3-Dichloropropene

Concen: 18.791 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

Instrument :

MSVOA_X

ClientSampleId :

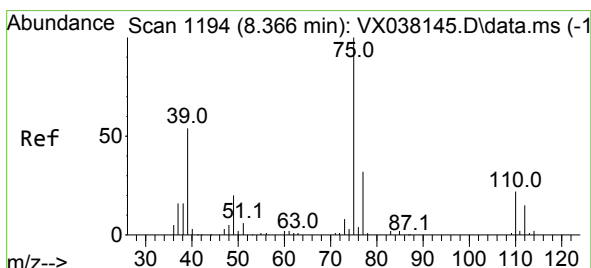
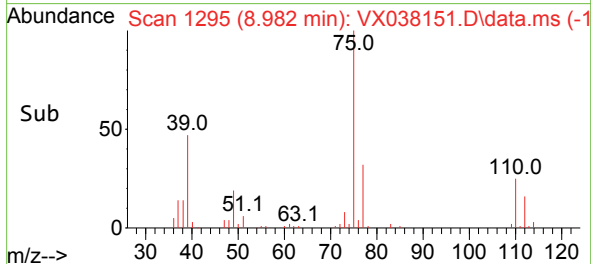
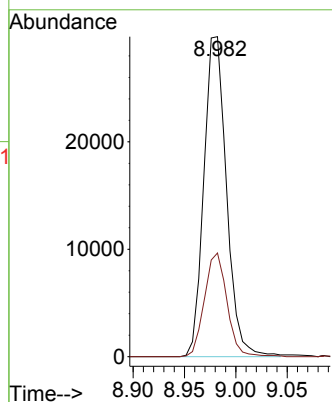
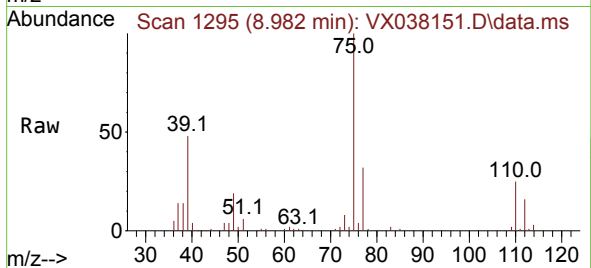
VX1006WBS02

Tgt Ion: 75 Resp: 45876

Ion Ratio Lower Upper

75 100

77 32.4 26.8 40.2



#49

cis-1,3-Dichloropropene

Concen: 19.246 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

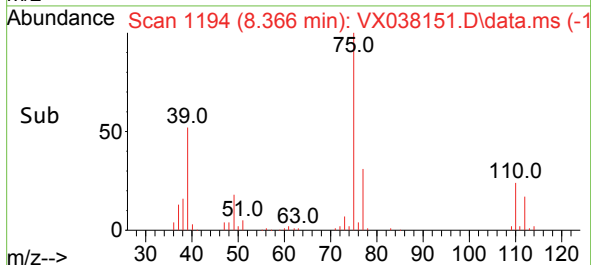
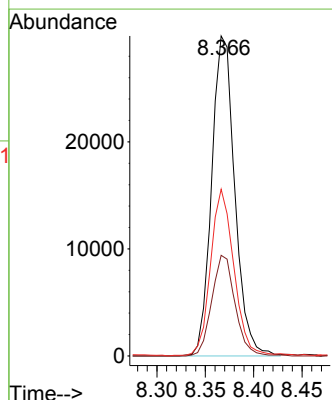
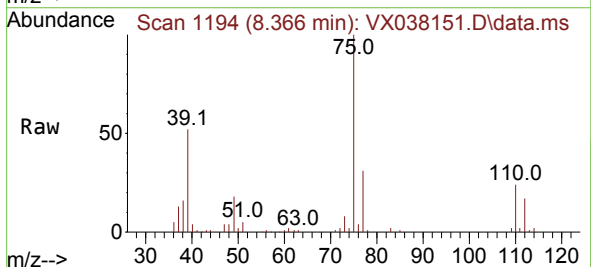
Tgt Ion: 75 Resp: 49815

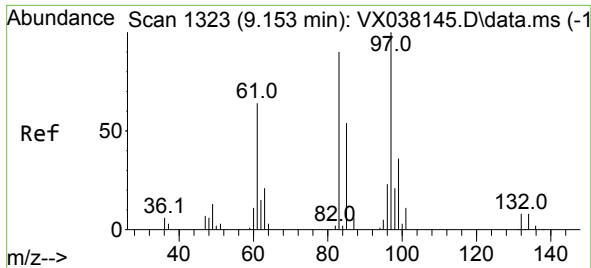
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2

39 51.9 40.2 60.4

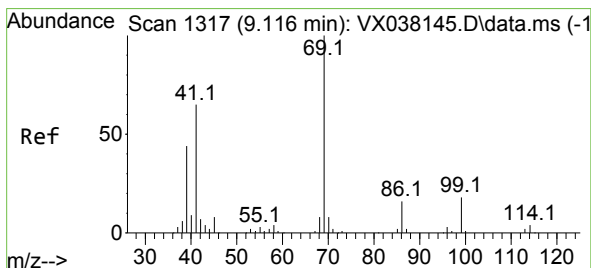
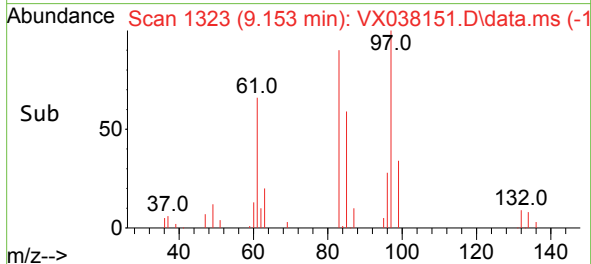
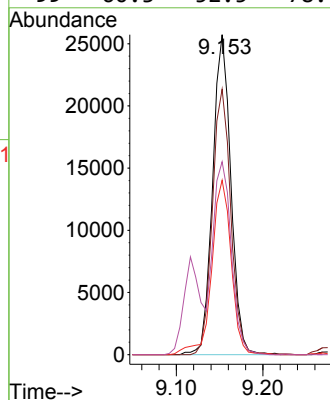
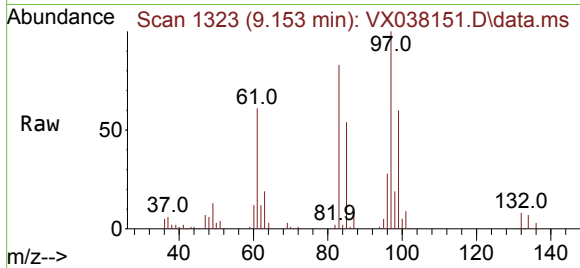




#50
1,1,2-Trichloroethane
Concen: 20.115 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

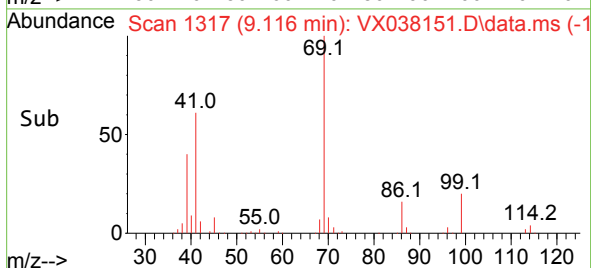
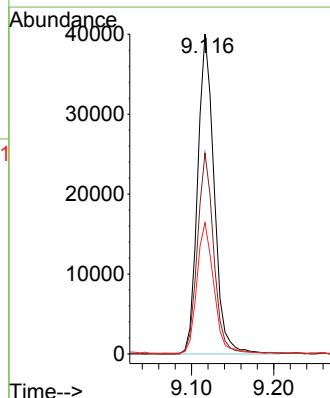
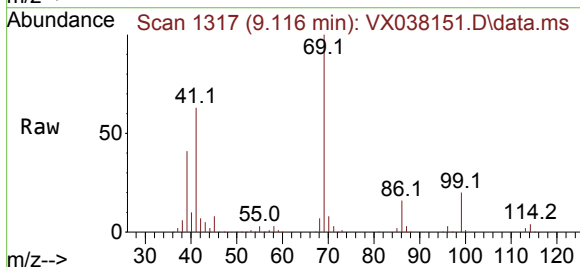
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

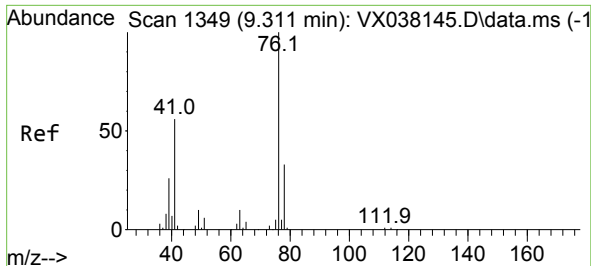
Tgt Ion:	97	Resp:	37626
Ion	Ratio	Lower	Upper
97	100		
83	82.9	70.0	105.0
85	54.5	46.1	69.1
99	60.3	52.5	78.7



#51
Ethyl methacrylate
Concen: 19.899 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion:	69	Resp:	55744
Ion	Ratio	Lower	Upper
69	100		
41	62.4	32.0	96.0
39	40.7	19.4	58.4





#52

1,3-Dichloropropane

Concen: 19.757 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

Instrument :

MSVOA_X

ClientSampleId :

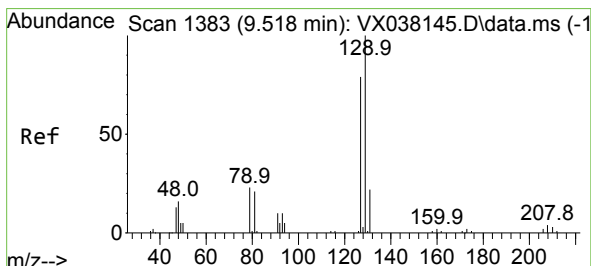
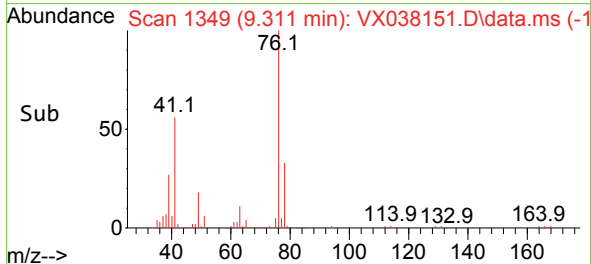
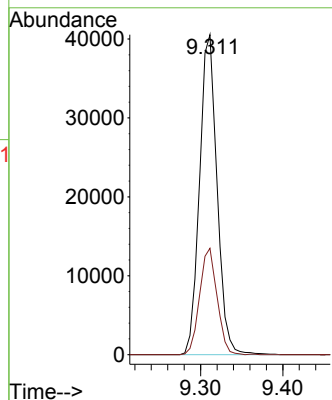
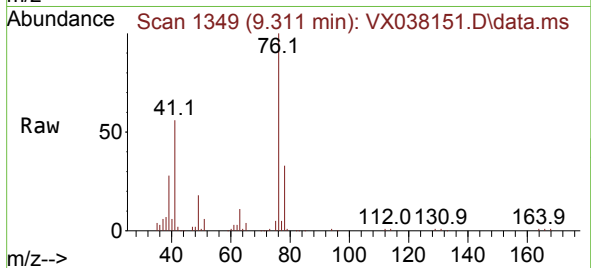
VX1006WBS02

Tgt Ion: 76 Resp: 60098

Ion Ratio Lower Upper

76 100

78 33.1 0.0 63.6



#53

Dibromochloromethane

Concen: 18.732 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX038151.D

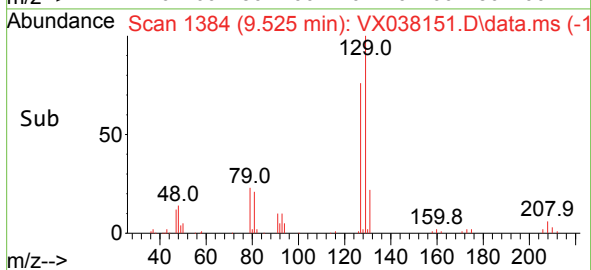
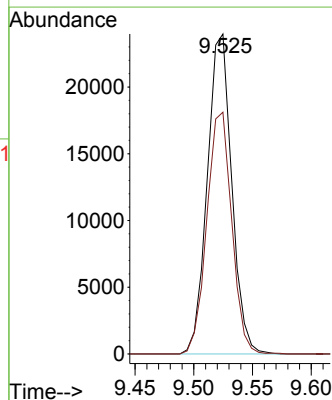
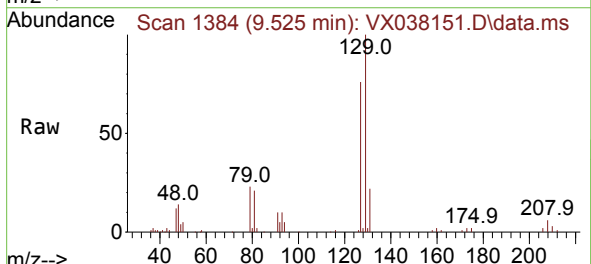
Acq: 07 Oct 2023 01:47

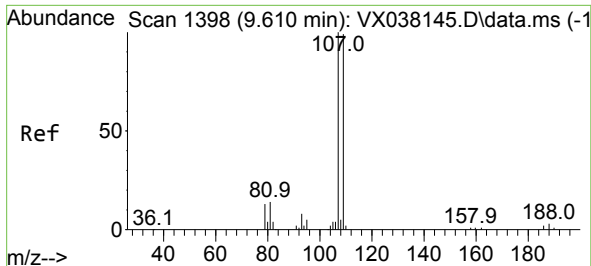
Tgt Ion: 129 Resp: 34711

Ion Ratio Lower Upper

129 100

127 76.9 38.6 115.8

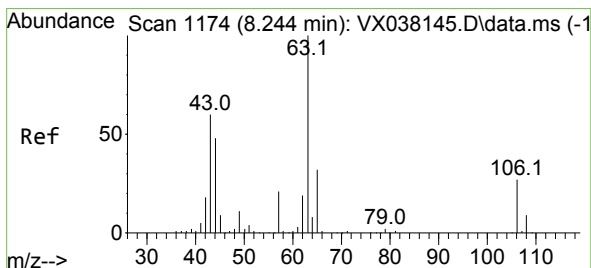
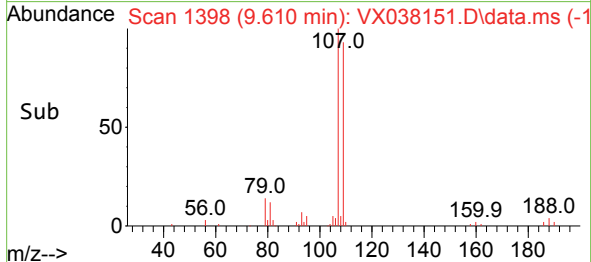
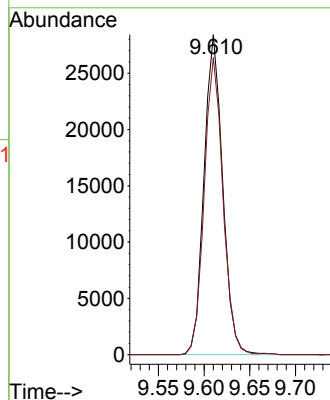
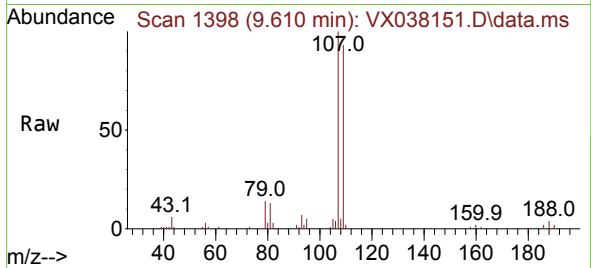




#54
1,2-Dibromoethane
Concen: 19.730 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

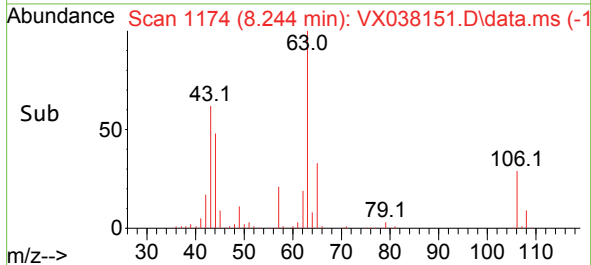
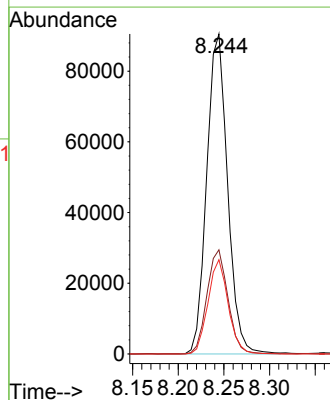
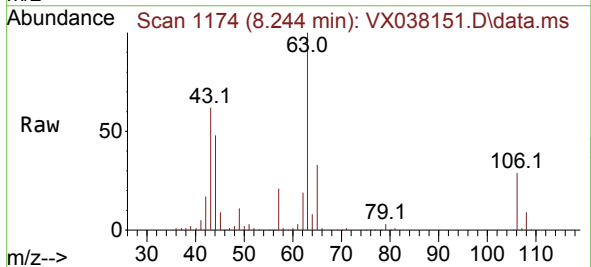
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

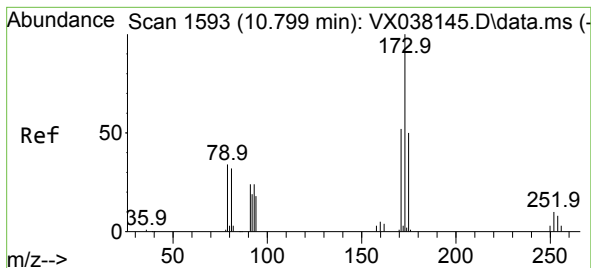
Tgt Ion:107 Resp: 40327
Ion Ratio Lower Upper
107 100
109 93.0 74.7 112.1



#55
2-Chloroethyl vinyl ether
Concen: 101.468 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion: 63 Resp: 143468
Ion Ratio Lower Upper
63 100
65 32.7 25.9 38.9
106 28.6 21.8 32.8





#56

Bromoform

Concen: 17.783 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

Instrument :

MSVOA_X

ClientSampleId :

VX1006WBS02

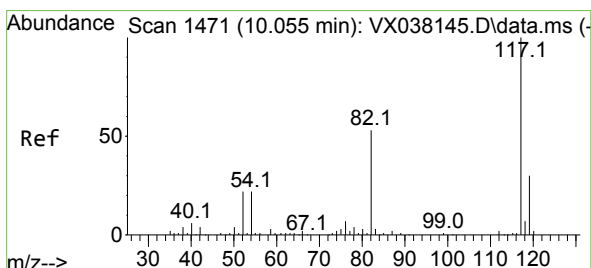
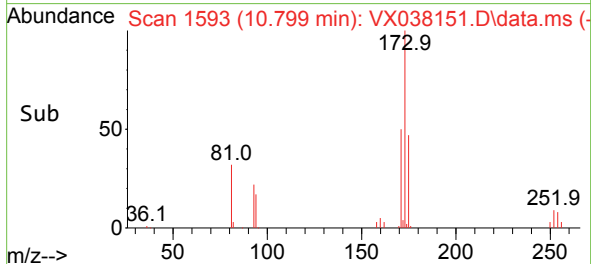
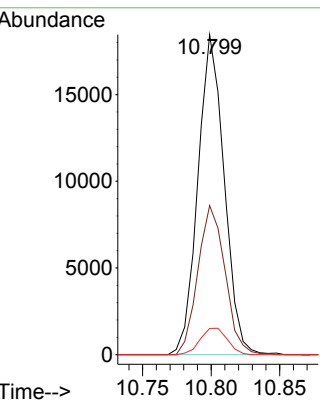
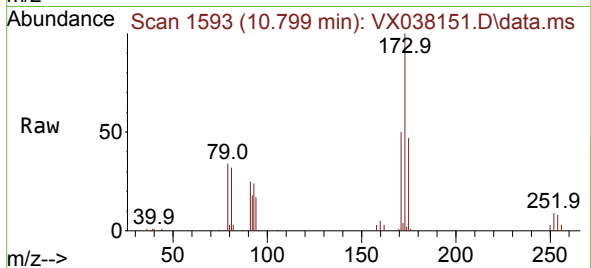
Tgt Ion:173 Resp: 24627

Ion Ratio Lower Upper

173 100

175 48.2 38.1 57.1

254 8.6 6.7 10.1



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

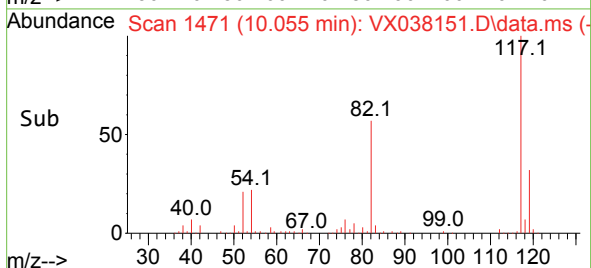
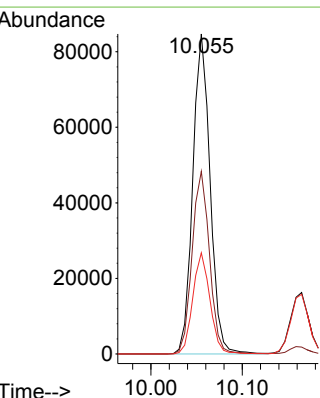
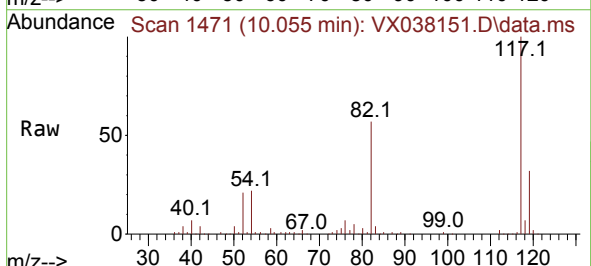
Tgt Ion:117 Resp: 111255

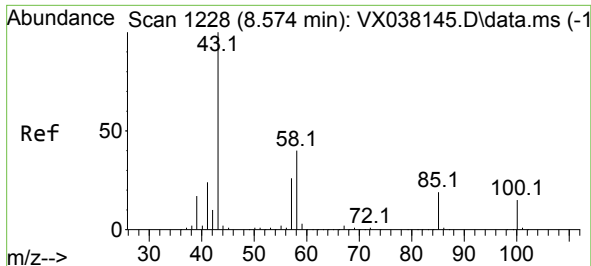
Ion Ratio Lower Upper

117 100

82 57.5 44.7 67.1

119 31.4 25.6 38.4

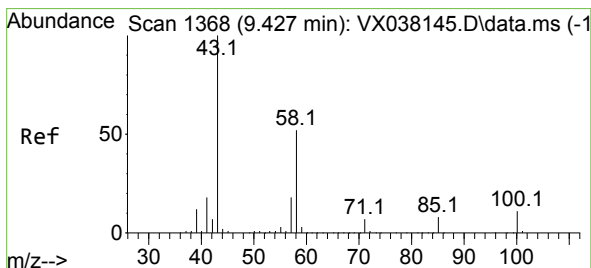
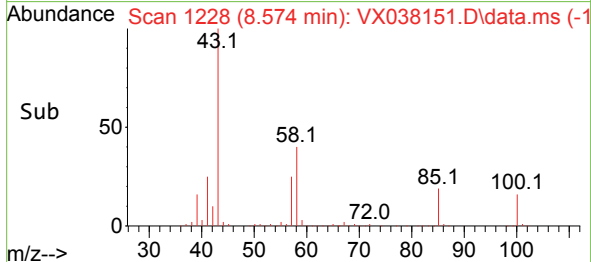
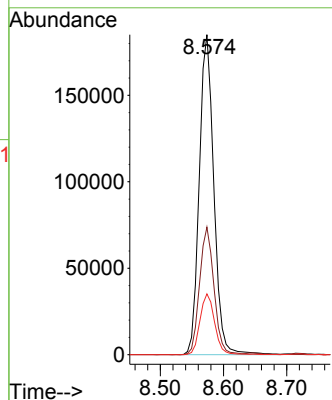
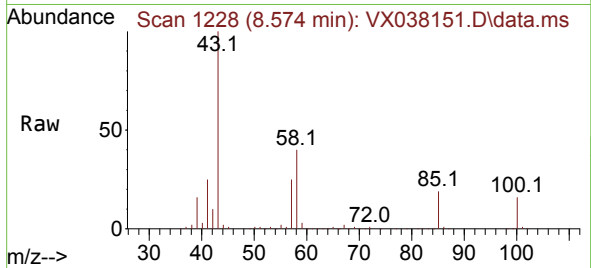




#58
4-Methyl-2-Pentanone
Concen: 106.803 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

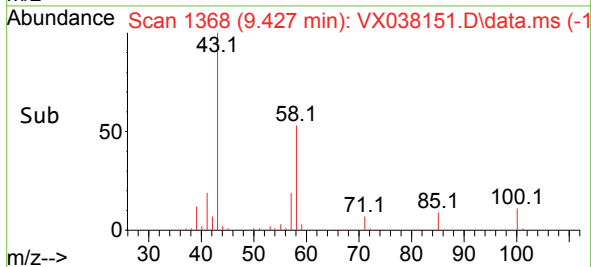
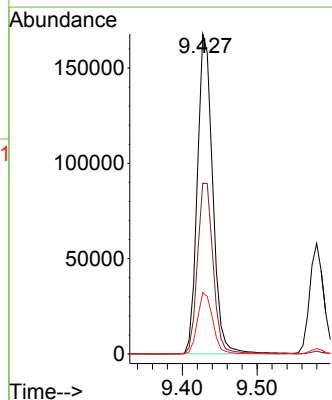
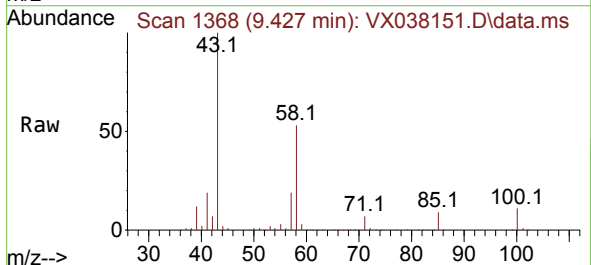
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

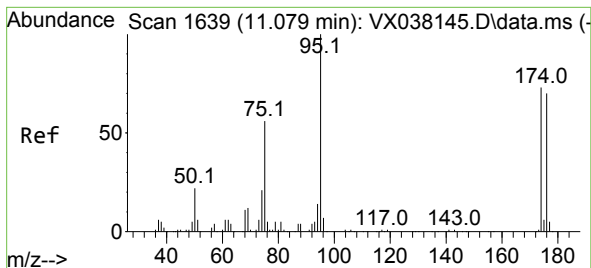
Tgt Ion: 43 Resp: 297413
Ion Ratio Lower Upper
43 100
58 39.3 30.9 46.3
85 19.1 14.4 21.6



#59
2-Hexanone
Concen: 106.467 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion: 43 Resp: 238361
Ion Ratio Lower Upper
43 100
58 54.9 43.4 65.2
57 19.1 15.1 22.7

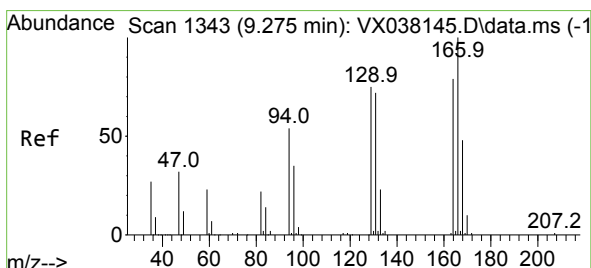
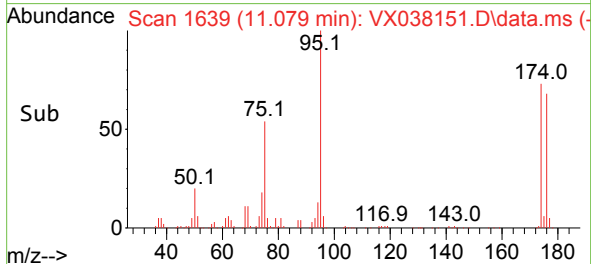
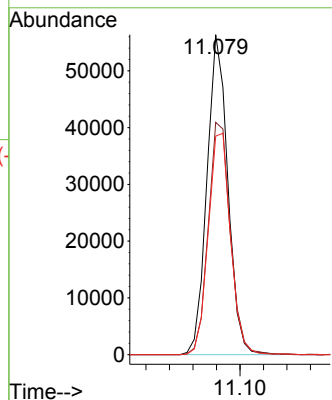
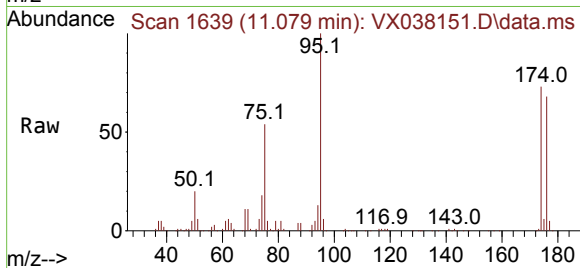




#60
4-Bromofluorobenzene
Concen: 30.068 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

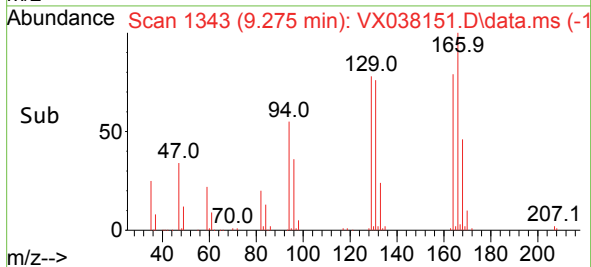
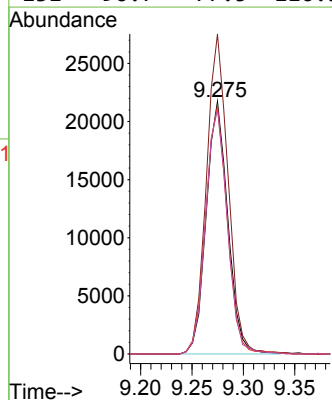
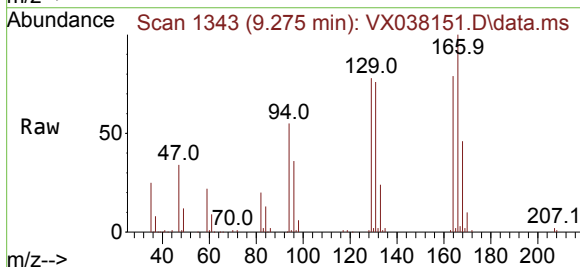
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

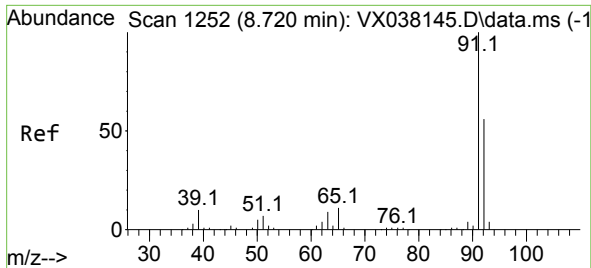
Tgt Ion: 95 Resp: 69686
Ion Ratio Lower Upper
95 100
174 76.5 60.5 90.7
176 74.0 58.2 87.4



#61
Tetrachloroethene
Concen: 20.898 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion: 164 Resp: 31768
Ion Ratio Lower Upper
164 100
166 126.7 104.5 156.7
129 98.2 78.0 117.0
131 96.7 77.5 116.3





#62

Toluene

Concen: 20.719 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

Instrument :

MSVOA_X

ClientSampleId :

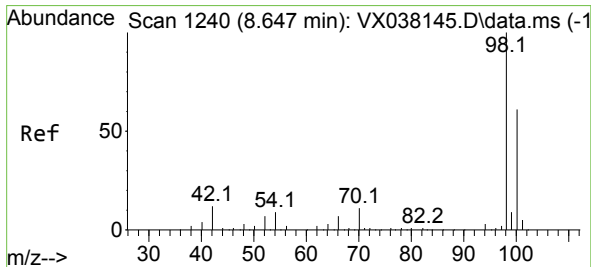
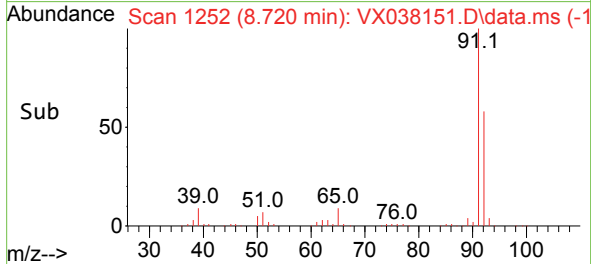
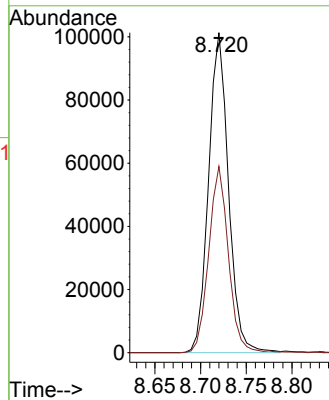
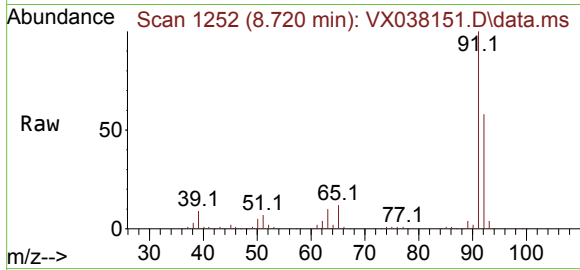
VX1006WBS02

Tgt Ion: 91 Resp: 153580

Ion Ratio Lower Upper

91 100

92 57.8 44.9 67.3



#63

Toluene-d8

Concen: 30.578 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038151.D

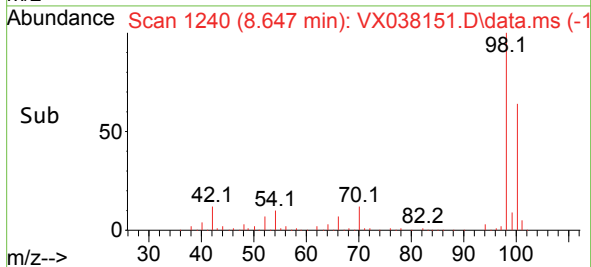
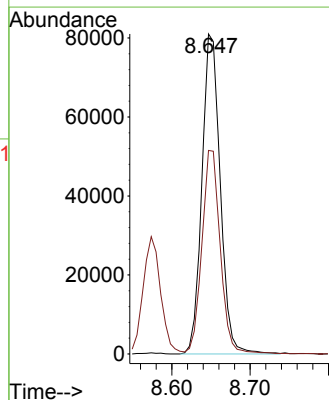
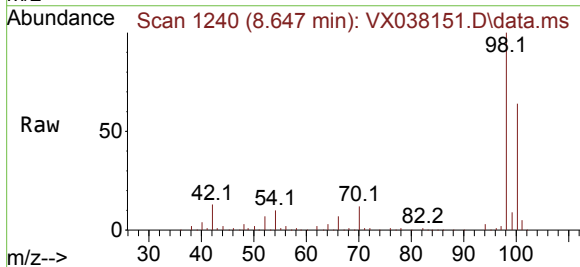
Acq: 07 Oct 2023 01:47

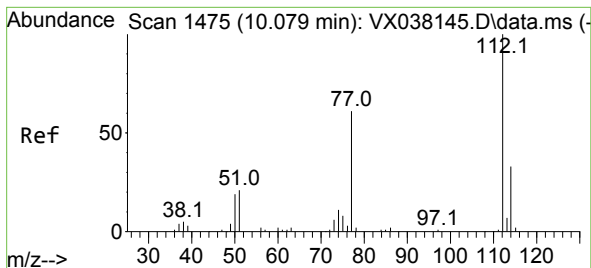
Tgt Ion: 98 Resp: 131736

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4





#64

Chlorobenzene

Concen: 20.215 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

Instrument :

MSVOA_X

ClientSampleId :

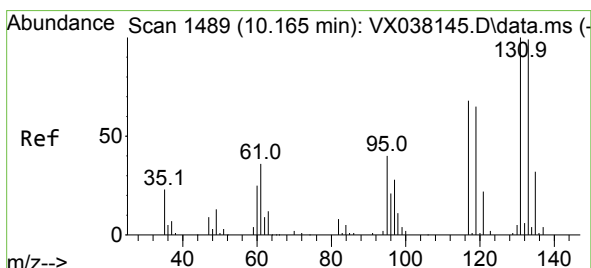
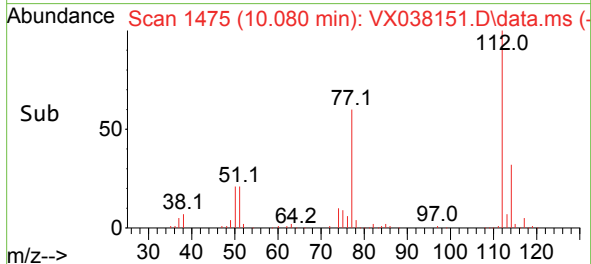
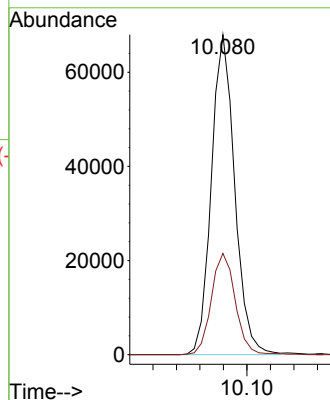
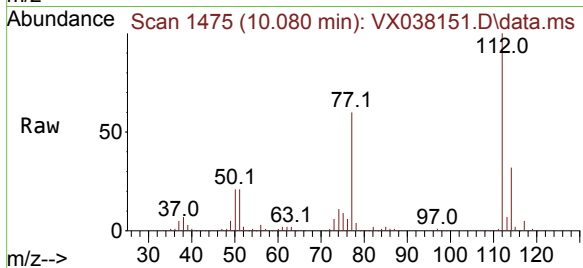
VX1006WBS02

Tgt Ion:112 Resp: 93835

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.6



#65

1,1,1,2-Tetrachloroethane

Concen: 20.596 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

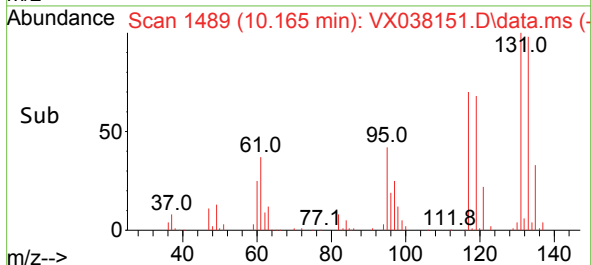
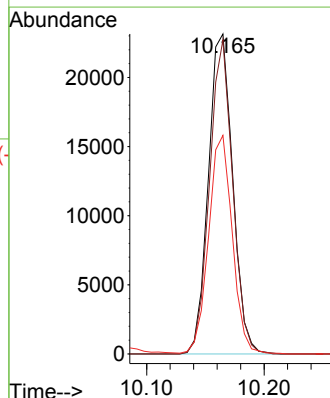
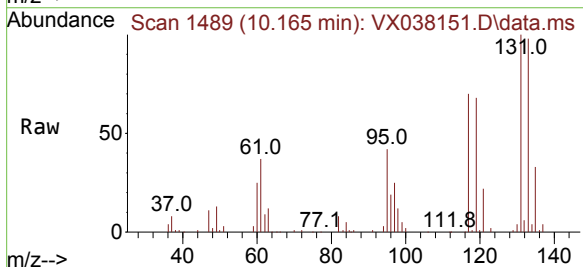
Tgt Ion:131 Resp: 33327

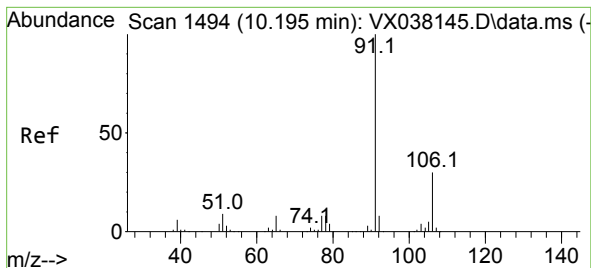
Ion Ratio Lower Upper

131 100

133 93.2 0.0 192.0

119 66.8 0.0 132.8





#66

Ethyl Benzene

Concen: 20.663 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

Instrument :

MSVOA_X

ClientSampleId :

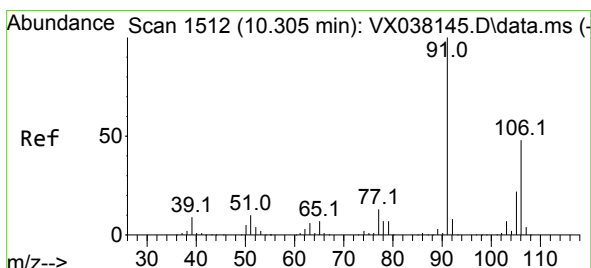
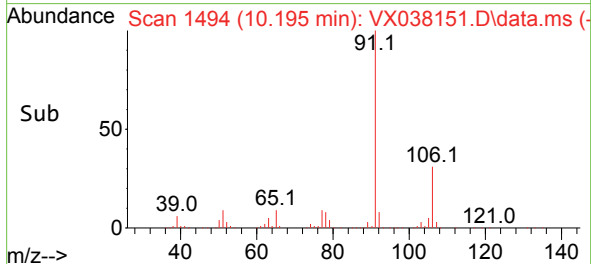
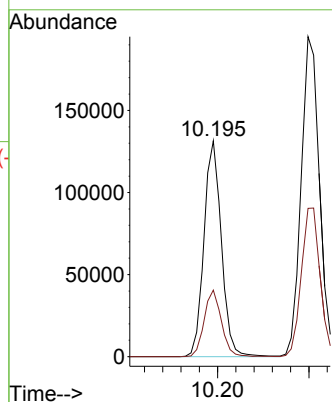
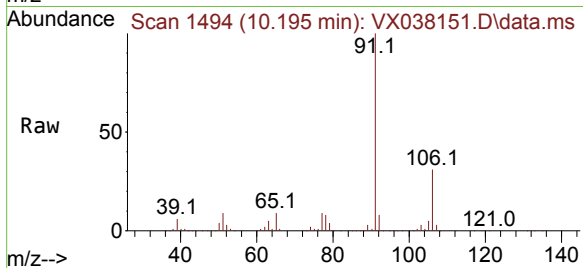
VX1006WBS02

Tgt Ion: 91 Resp: 173683

Ion Ratio Lower Upper

91 100

106 30.9 24.2 36.4



#67

m/p-Xylenes

Concen: 40.258 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX038151.D

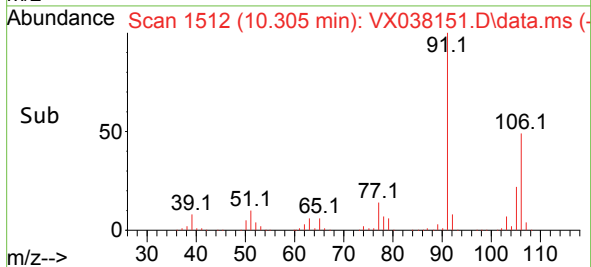
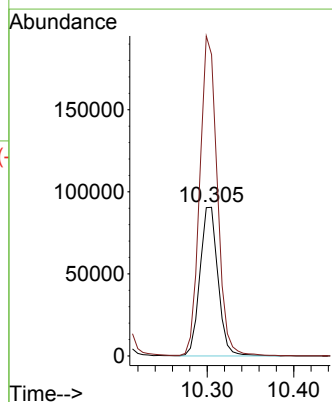
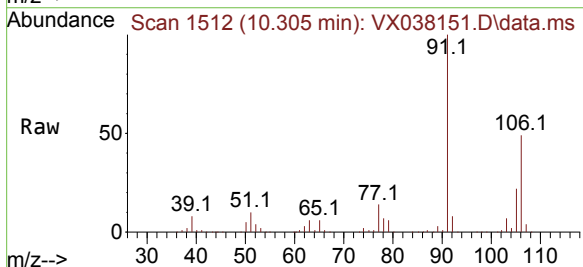
Acq: 07 Oct 2023 01:47

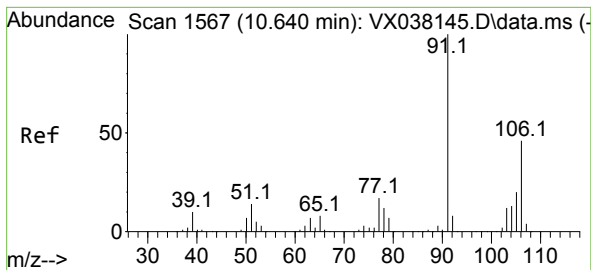
Tgt Ion: 106 Resp: 131274

Ion Ratio Lower Upper

106 100

91 208.5 160.5 240.7





#68

o-Xylene

Concen: 19.952 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

Instrument :

MSVOA_X

ClientSampleId :

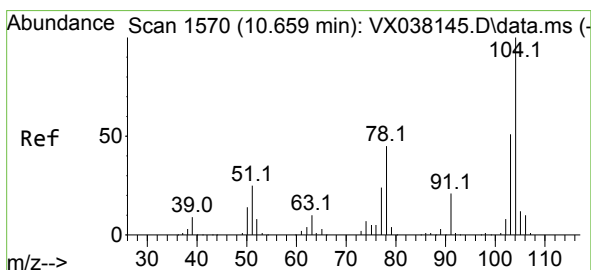
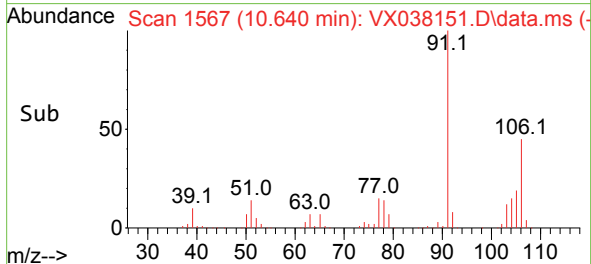
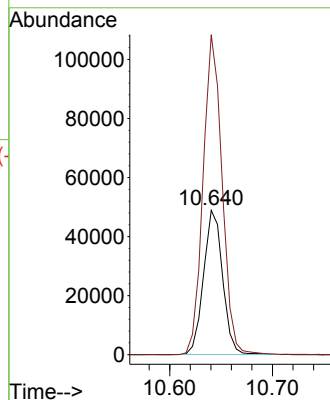
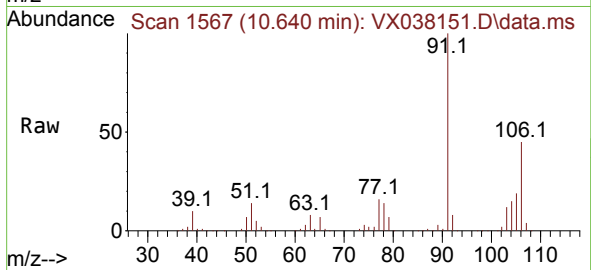
VX1006WBS02

Tgt Ion:106 Resp: 63128

Ion Ratio Lower Upper

106 100

91 221.7 105.4 316.1



#69

Styrene

Concen: 20.249 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

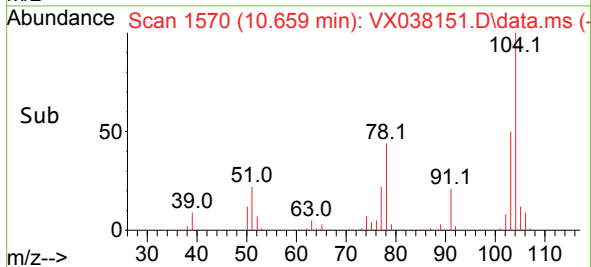
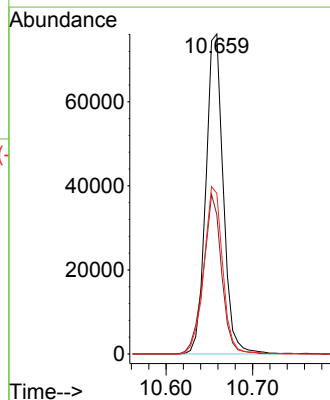
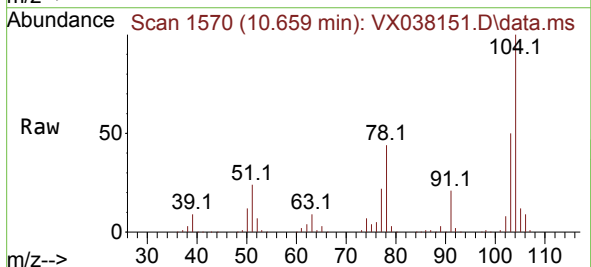
Tgt Ion:104 Resp: 106459

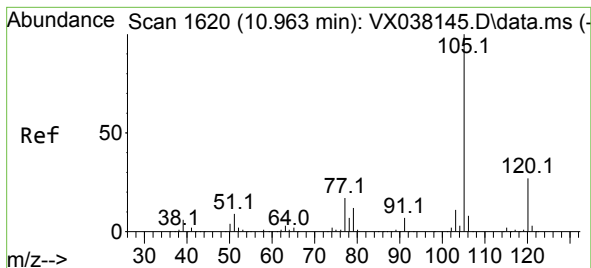
Ion Ratio Lower Upper

104 100

78 52.3 41.0 61.4

103 56.2 45.5 68.3





#70

Isopropylbenzene

Concen: 20.415 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

Instrument :

MSVOA_X

ClientSampleId :

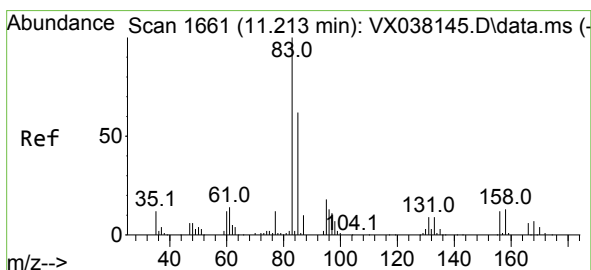
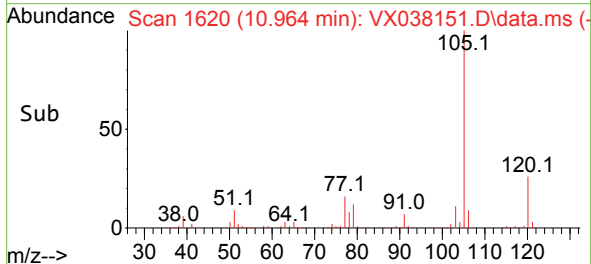
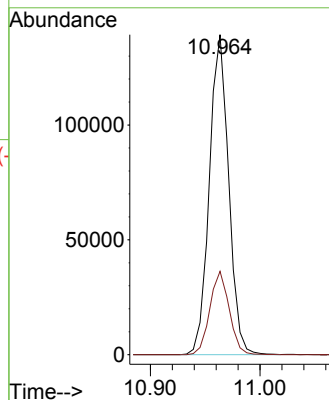
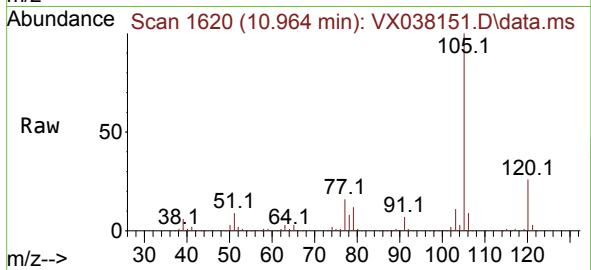
VX1006WBS02

Tgt Ion:105 Resp: 170345

Ion Ratio Lower Upper

105 100

120 26.2 19.5 36.3



#71

1,1,2,2-Tetrachloroethane

Concen: 20.518 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

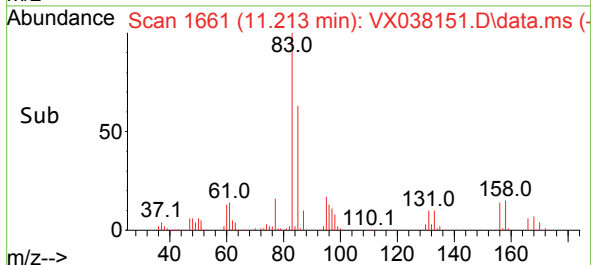
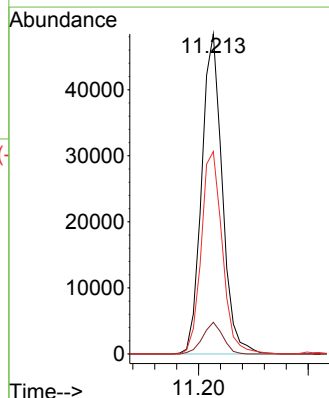
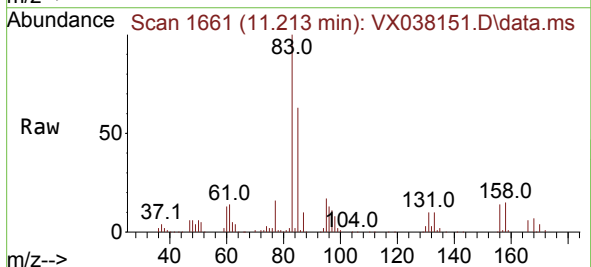
Tgt Ion: 83 Resp: 63104

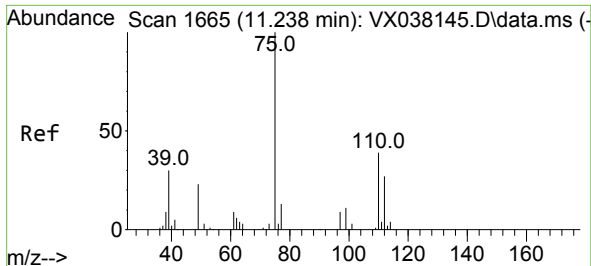
Ion Ratio Lower Upper

83 100

131 9.7 5.3 15.8

85 64.9 32.4 97.0

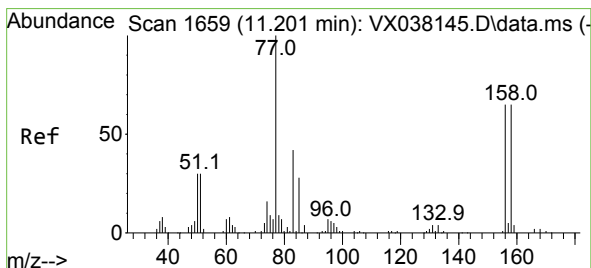
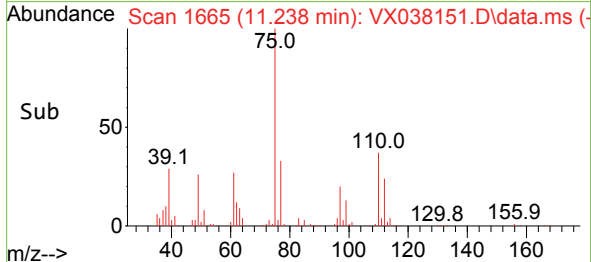
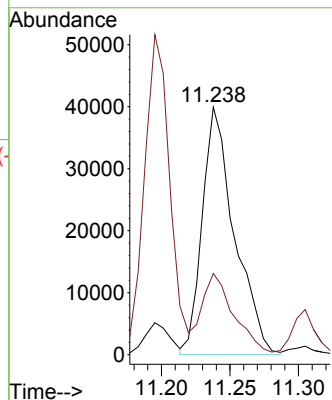
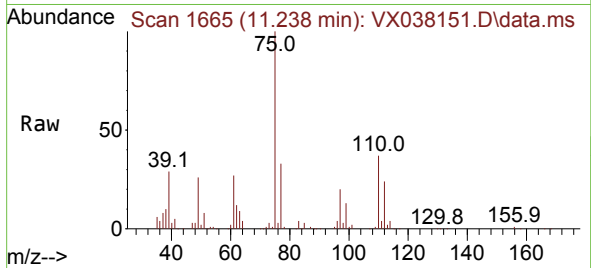




#72
1,2,3-Trichloropropane
Concen: 23.385 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

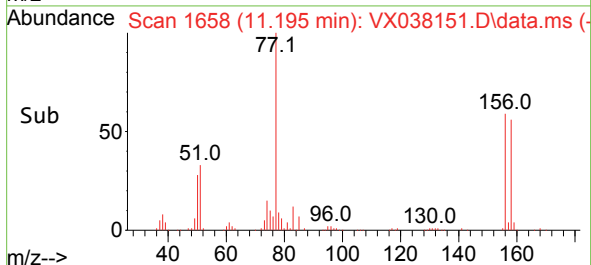
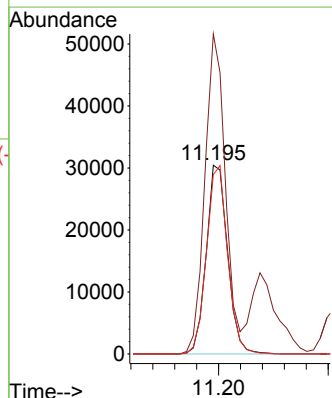
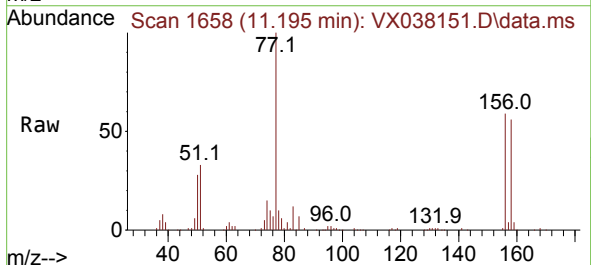
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

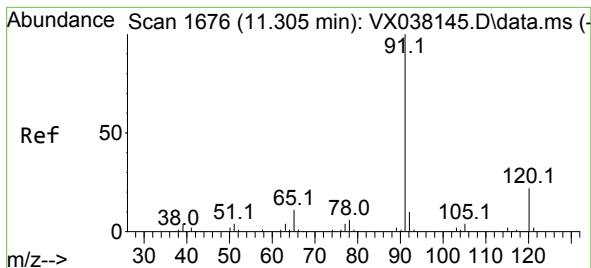
Tgt Ion: 75 Resp: 65411
Ion Ratio Lower Upper
75 100
77 33.0 0.0 77.2



#73
Bromobenzene
Concen: 19.926 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion: 156 Resp: 41170
Ion Ratio Lower Upper
156 100
77 162.2 0.0 333.0
158 98.5 0.0 196.4





#74

n-propylbenzene

Concen: 20.296 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

Instrument :

MSVOA_X

ClientSampleId :

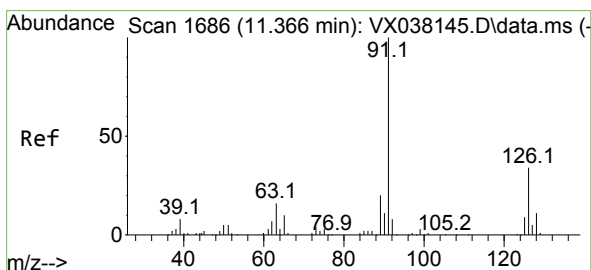
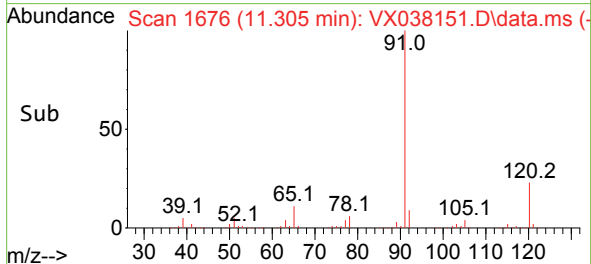
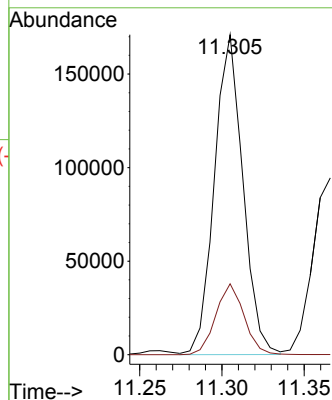
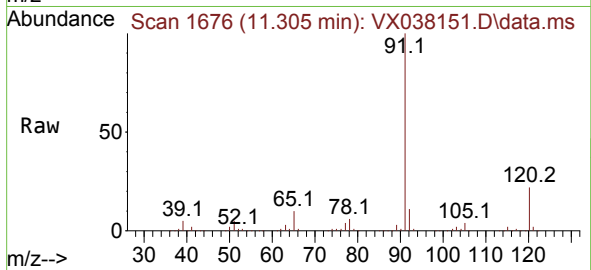
VX1006WBS02

Tgt Ion: 91 Resp: 205797

Ion Ratio Lower Upper

91 100

120 22.1 0.0 46.6



#75

2-Chlorotoluene

Concen: 20.328 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX038151.D

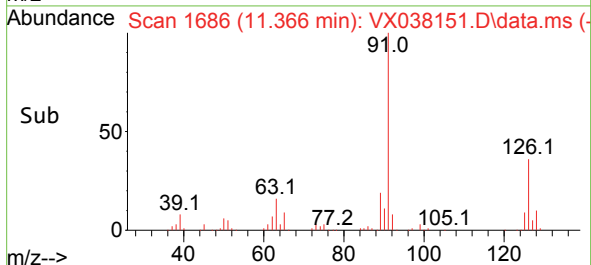
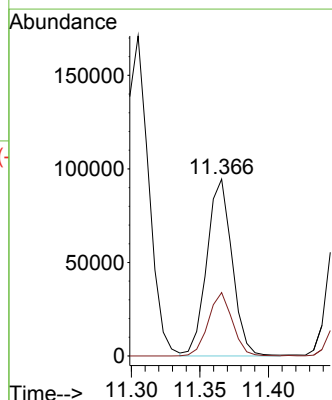
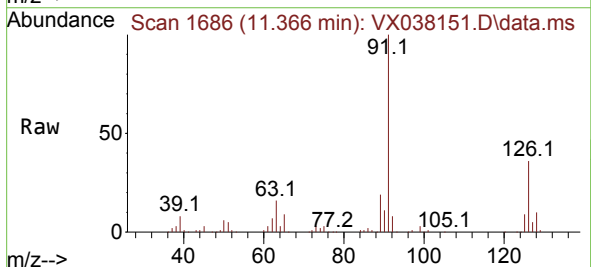
Acq: 07 Oct 2023 01:47

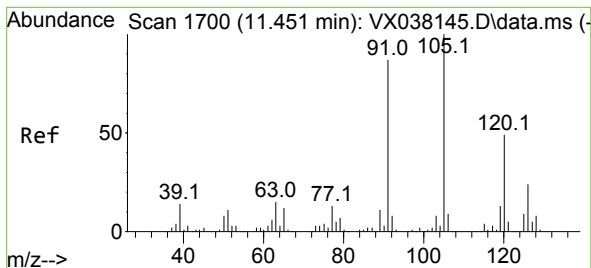
Tgt Ion: 91 Resp: 121117

Ion Ratio Lower Upper

91 100

126 34.1 0.0 66.2





#76

1,3,5-Trimethylbenzene

Concen: 19.960 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

Instrument :

MSVOA_X

ClientSampleId :

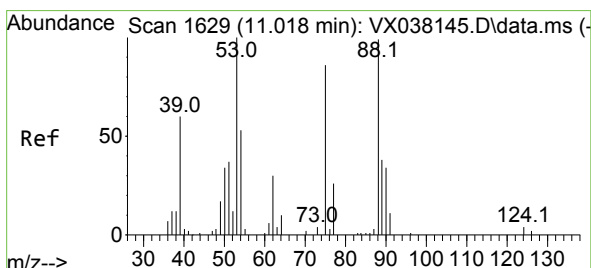
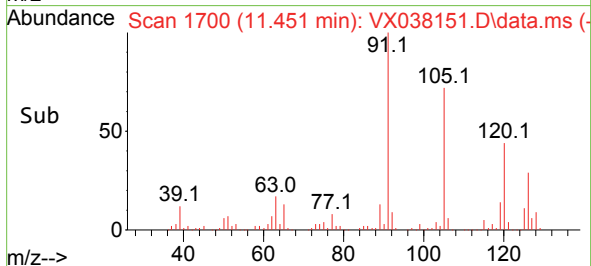
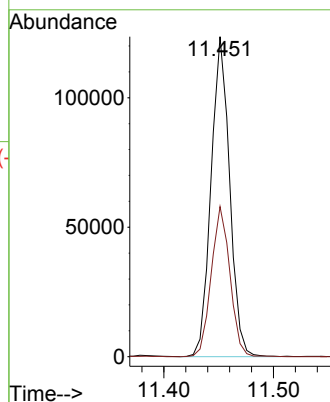
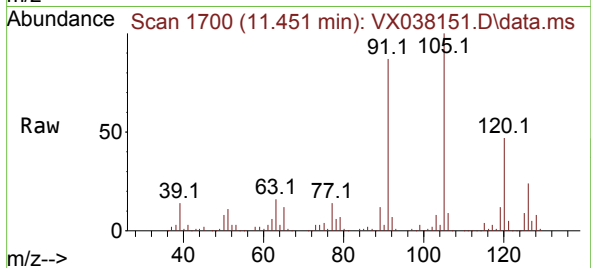
VX1006WBS02

Tgt Ion:105 Resp: 145540

Ion Ratio Lower Upper

105 100

120 47.1 0.0 96.4



#77

t-1,4-Dichloro-2-butene

Concen: 18.432 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

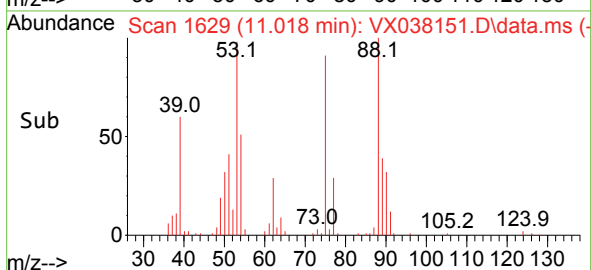
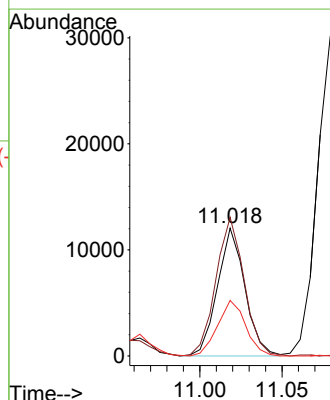
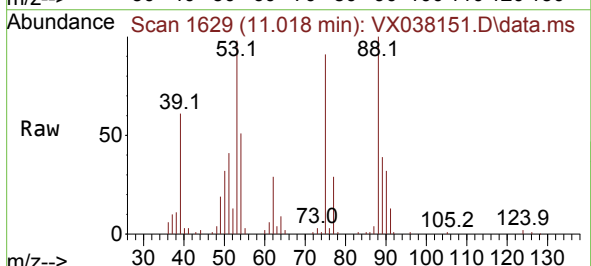
Tgt Ion: 75 Resp: 14034

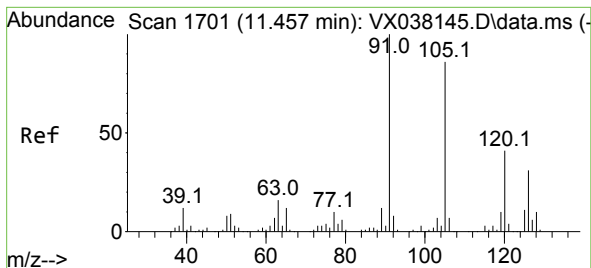
Ion Ratio Lower Upper

75 100

53 108.3 53.9 161.7

89 43.3 22.1 66.1

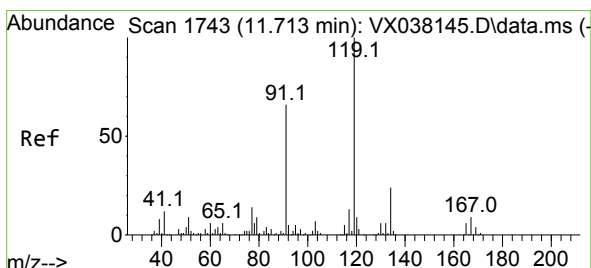
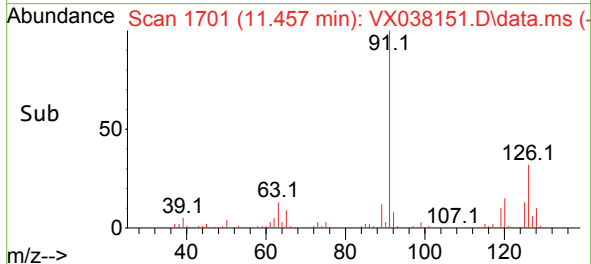
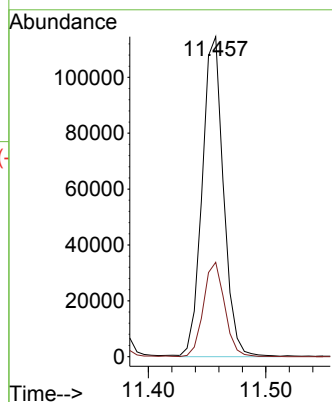
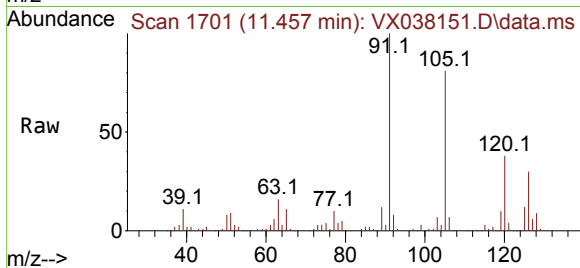




#78
4-Chlorotoluene
Concen: 20.371 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

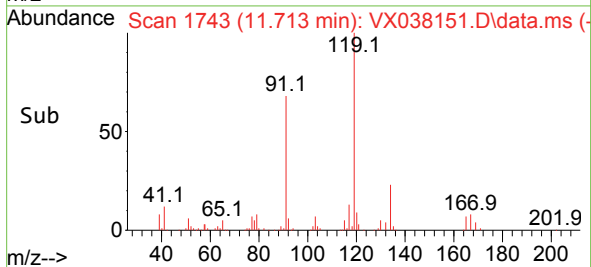
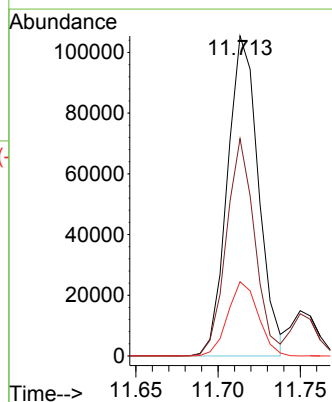
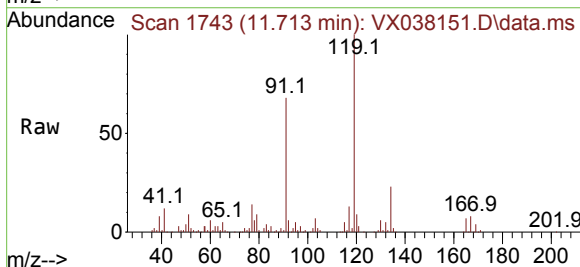
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

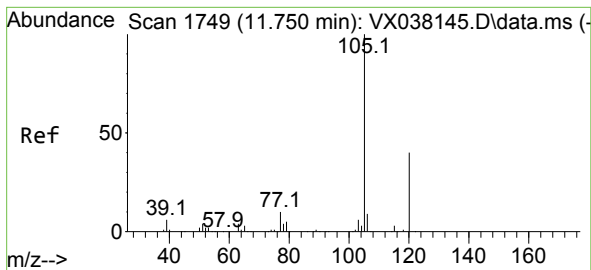
Tgt Ion: 91 Resp: 144337
Ion Ratio Lower Upper
91 100
126 29.0 0.0 59.4



#79
tert-butylbenzene
Concen: 20.063 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion: 119 Resp: 138970
Ion Ratio Lower Upper
119 100
91 62.1 0.0 124.4
134 22.7 0.0 47.2

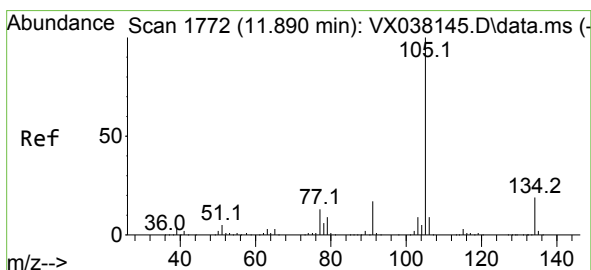
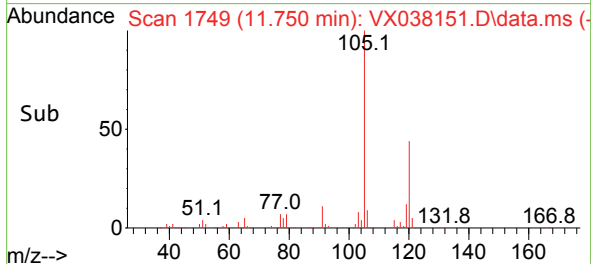
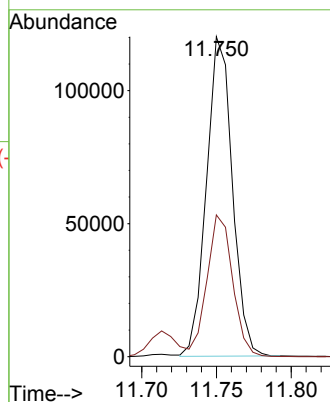
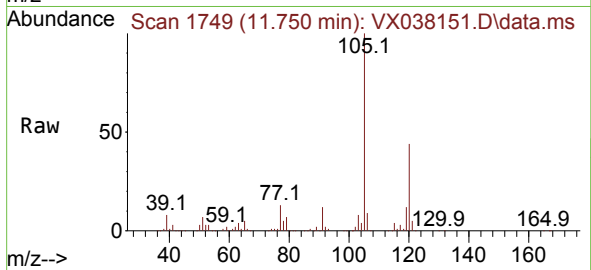




#80
1,2,4-Trimethylbenzene
Concen: 20.298 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

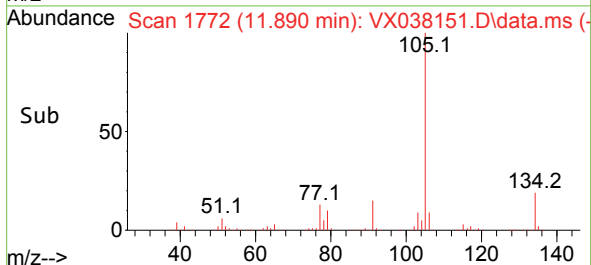
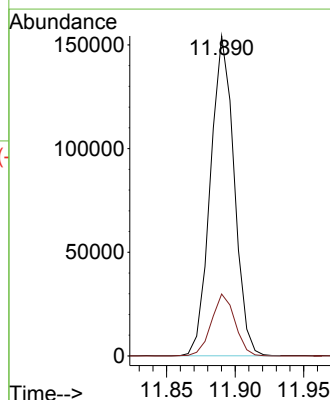
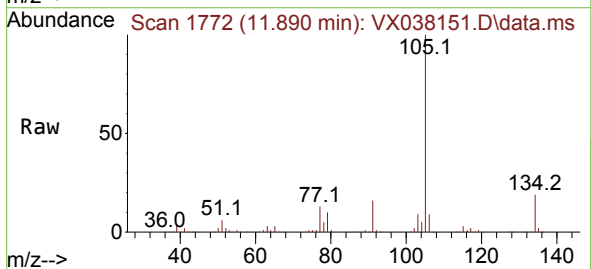
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

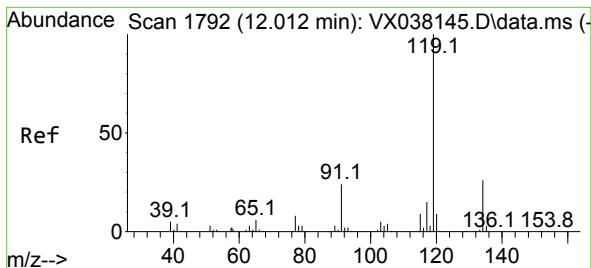
Tgt Ion:105 Resp: 144513
Ion Ratio Lower Upper
105 100
120 43.9 0.0 90.2



#81
sec-Butylbenzene
Concen: 20.501 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion:105 Resp: 185771
Ion Ratio Lower Upper
105 100
134 19.3 0.0 41.2

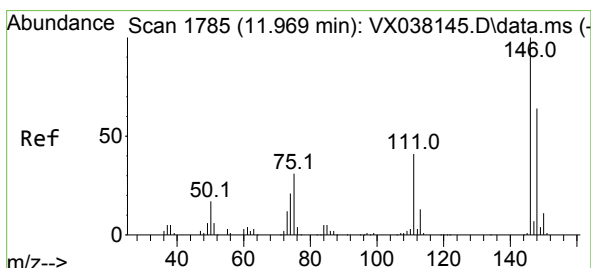
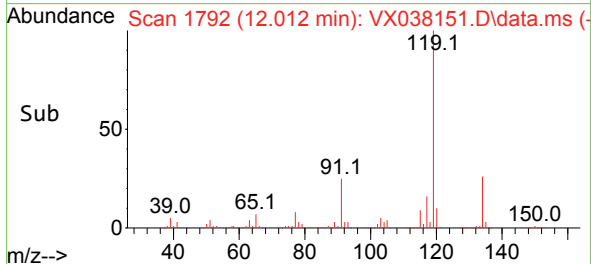
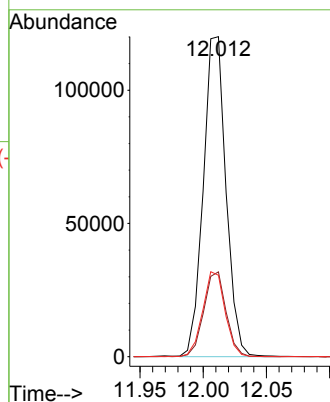
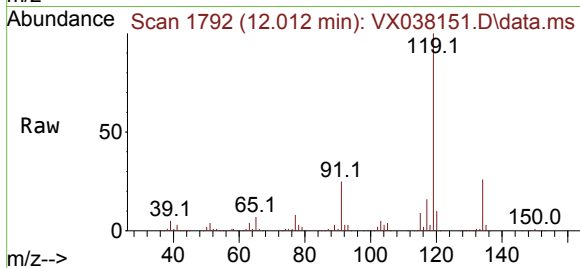




#82
p-Isopropyltoluene
Concen: 20.077 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

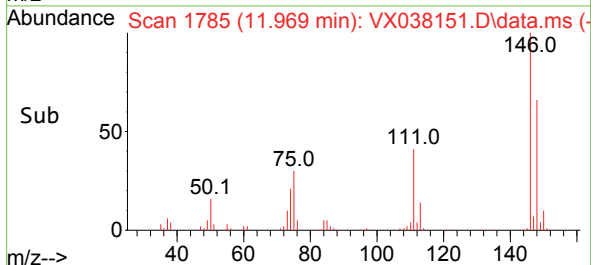
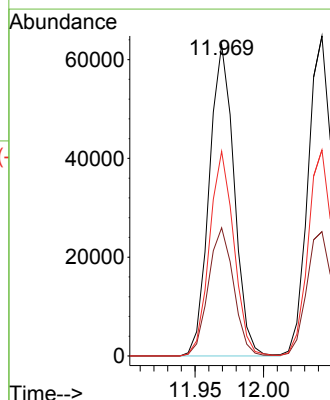
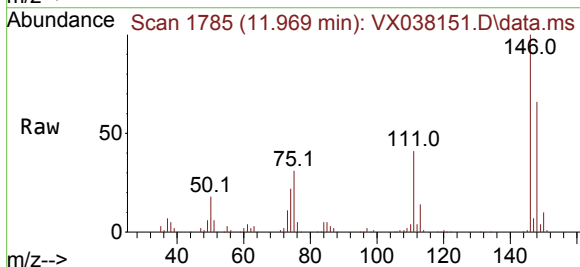
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

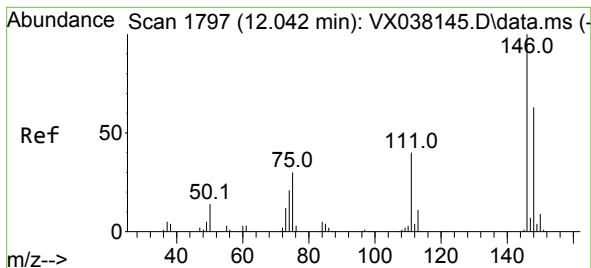
Tgt Ion:119 Resp: 150397
Ion Ratio Lower Upper
119 100
134 25.9 0.0 53.2
91 26.1 0.0 49.4



#83
1,3-Dichlorobenzene
Concen: 19.753 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion:146 Resp: 79596
Ion Ratio Lower Upper
146 100
111 41.8 20.4 61.2
148 64.5 31.6 94.8





#84

1,4-Dichlorobenzene

Concen: 19.554 ug/l

RT: 12.043 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

Instrument :

MSVOA_X

ClientSampleId :

VX1006WBS02

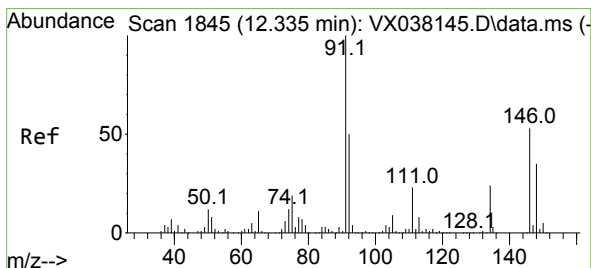
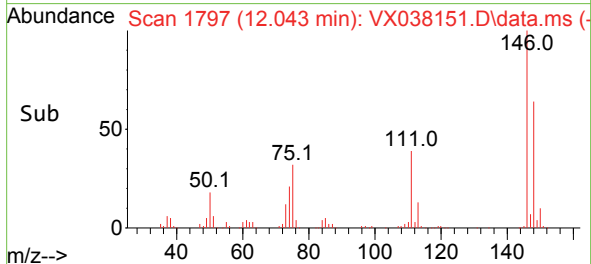
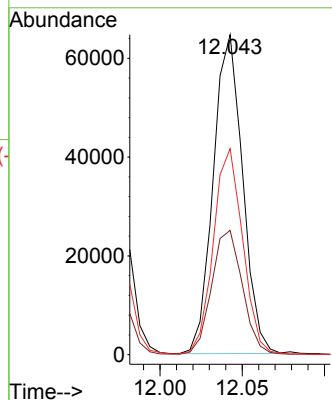
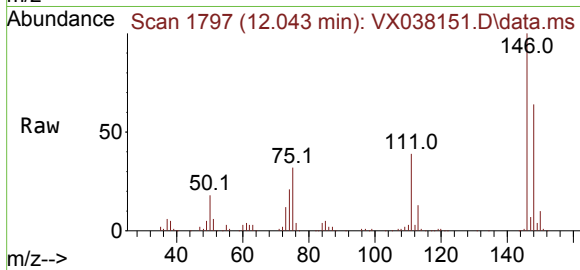
Tgt Ion:146 Resp: 80227

Ion Ratio Lower Upper

146 100

111 41.0 20.2 60.6

148 64.9 32.1 96.3



#85

n-Butylbenzene

Concen: 19.670 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

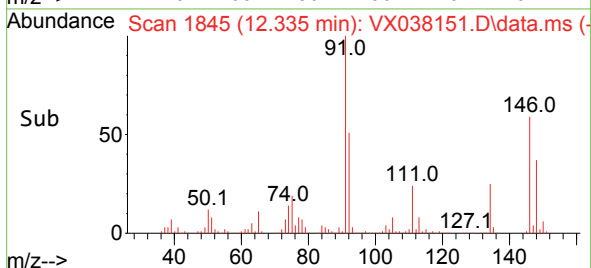
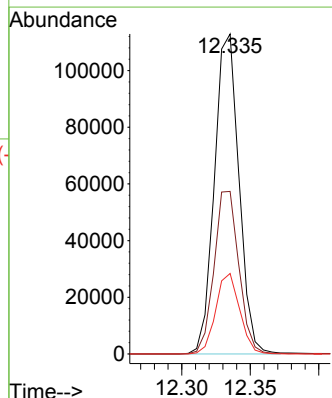
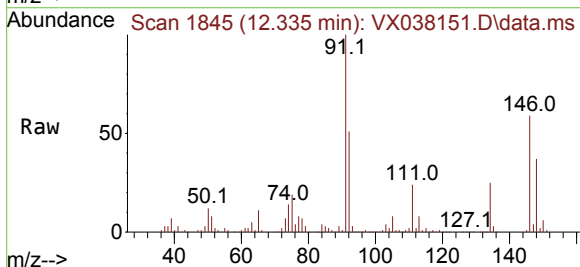
Tgt Ion: 91 Resp: 140594

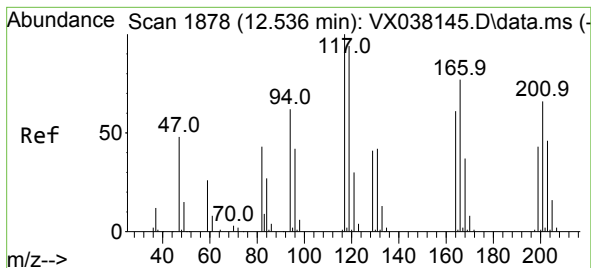
Ion Ratio Lower Upper

91 100

92 51.5 0.0 105.2

134 24.6 0.0 51.4

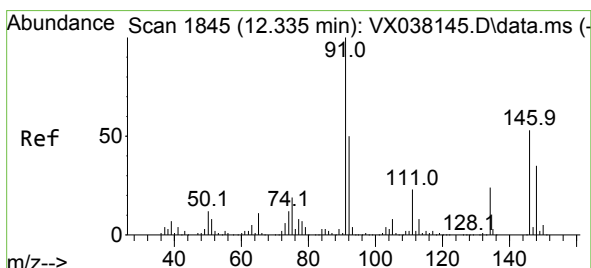
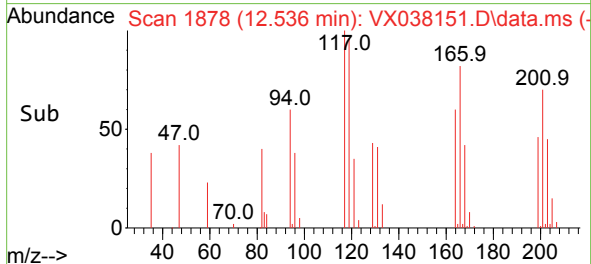
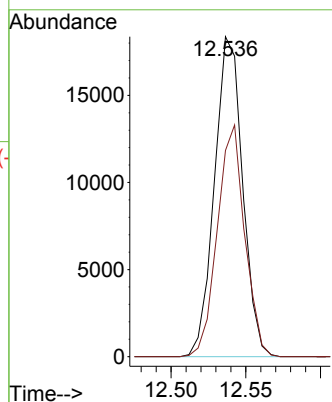
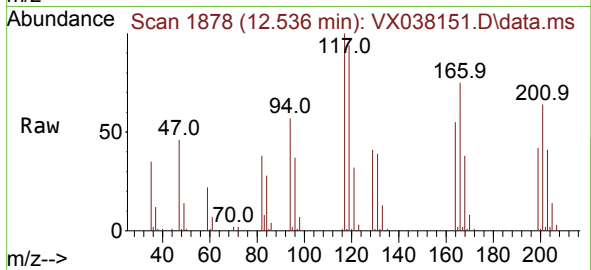




#86
Hexachloroethane
Concen: 19.439 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

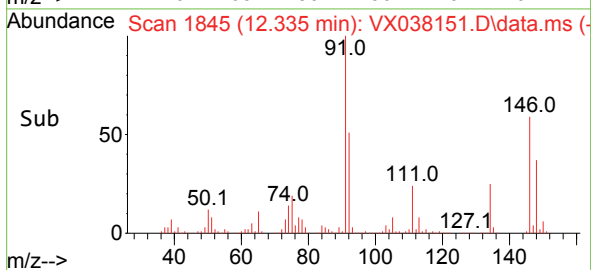
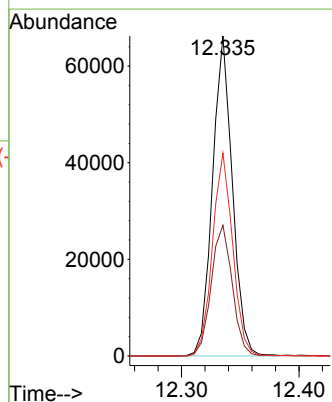
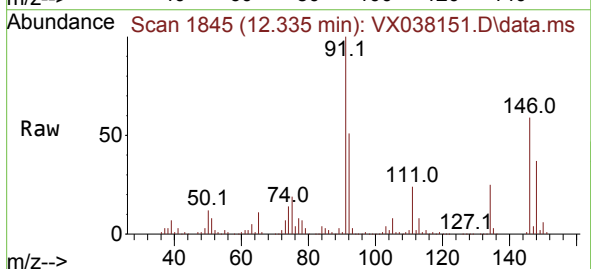
Instrument :
MSVOA_X
ClientSampleId :
VX1006WBS02

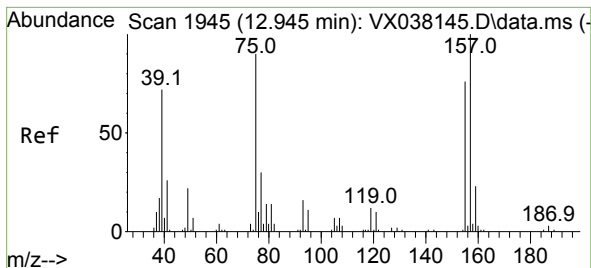
Tgt Ion:117 Resp: 24072
Ion Ratio Lower Upper
117 100
201 70.4 36.0 108.0



#87
1,2-Dichlorobenzene
Concen: 19.913 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038151.D
Acq: 07 Oct 2023 01:47

Tgt Ion:146 Resp: 77776
Ion Ratio Lower Upper
146 100
111 43.3 21.4 64.3
148 64.6 33.2 99.6





#88

1,2-Dibromo-3-Chloropropane

Concen: 20.929 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

Instrument :

MSVOA_X

ClientSampleId :

VX1006WBS02

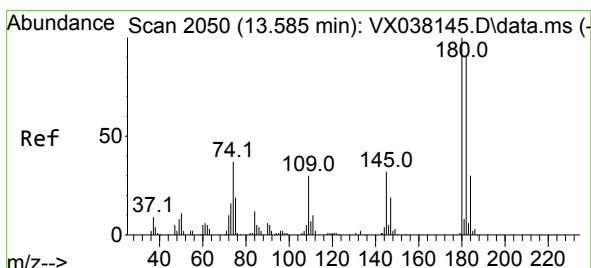
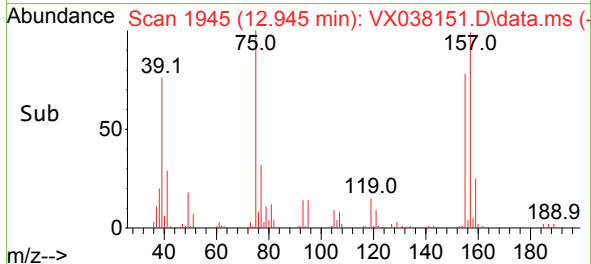
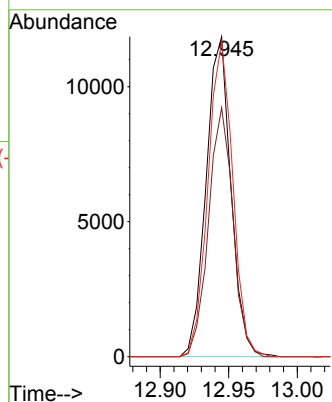
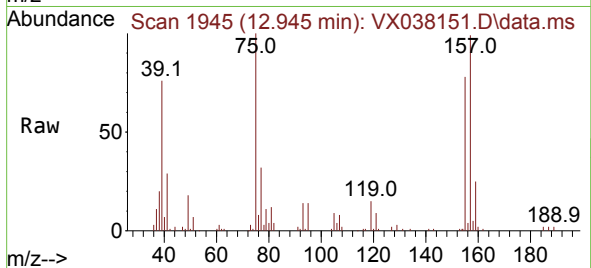
Tgt Ion: 75 Resp: 14907

Ion Ratio Lower Upper

75 100

155 76.5 62.7 94.1

157 98.3 81.5 122.3



#89

1,2,4-Trichlorobenzene

Concen: 20.025 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

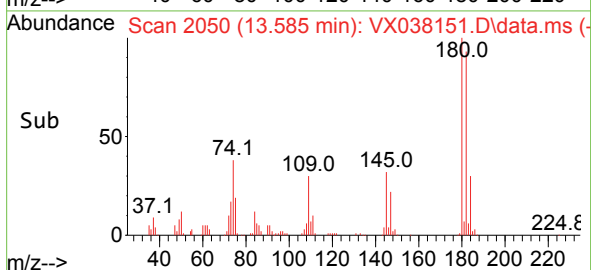
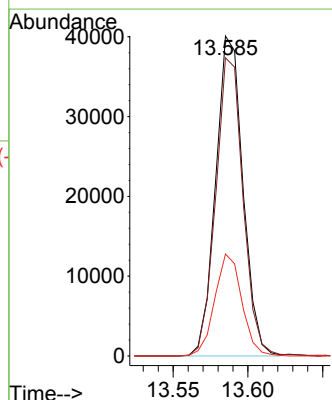
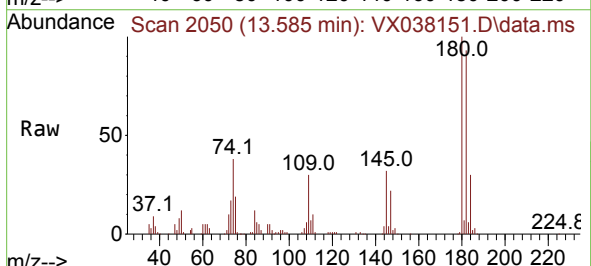
Tgt Ion: 180 Resp: 50775

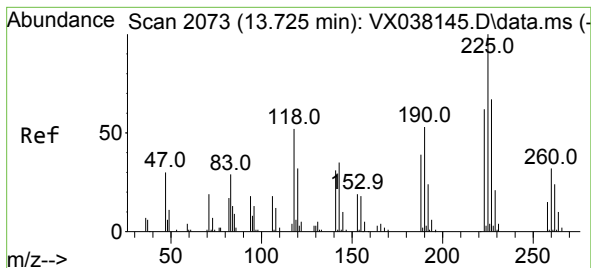
Ion Ratio Lower Upper

180 100

182 93.4 75.6 113.4

145 31.7 25.4 38.2





#90

Hexachlorobutadiene

Concen: 20.032 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

Instrument :

MSVOA_X

ClientSampleId :

VX1006WBS02

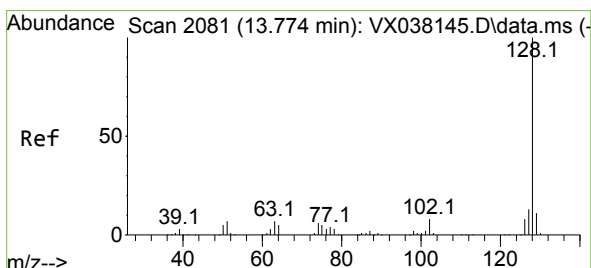
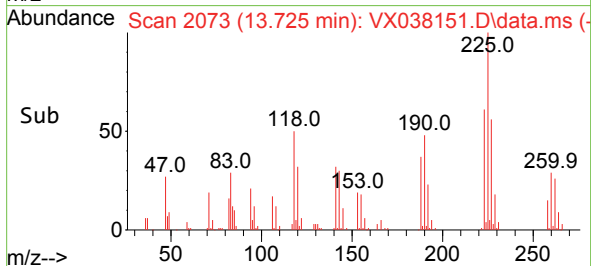
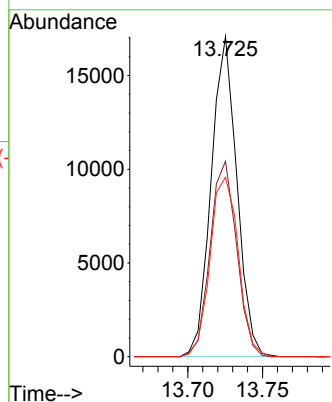
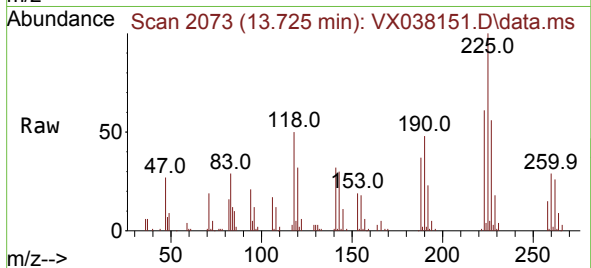
Tgt Ion:225 Resp: 20431

Ion Ratio Lower Upper

225 100

223 63.0 0.0 124.2

227 61.5 0.0 120.4



#91

Naphthalene

Concen: 20.397 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038151.D

Acq: 07 Oct 2023 01:47

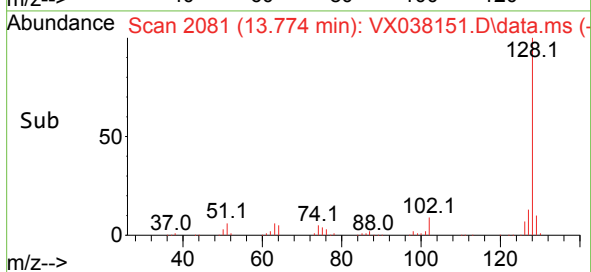
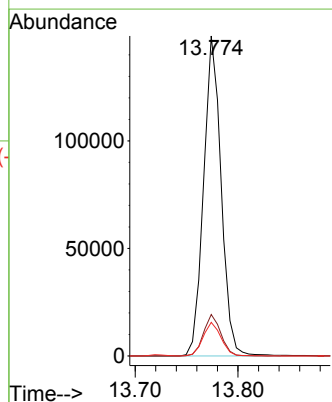
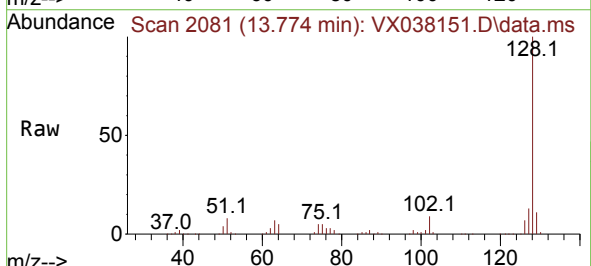
Tgt Ion:128 Resp: 177124

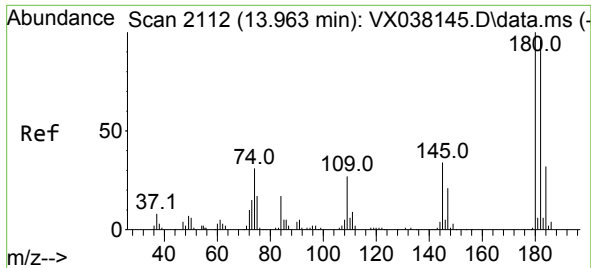
Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.7 13.1





#92

1,2,3-Trichlorobenzene

Concen: 19.764 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX038151.D

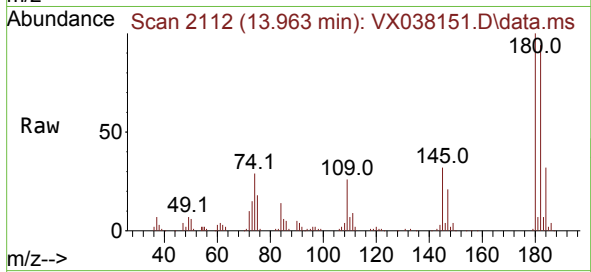
Acq: 07 Oct 2023 01:47

Instrument :

MSVOA_X

ClientSampleId :

VX1006WBS02



Tgt Ion:180 Resp: 49056

Ion Ratio Lower Upper

180 100

182 94.3 0.0 190.6

145 33.5 0.0 66.8

