

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038150.D
 Acq On : 07 Oct 2023 01:01
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100623

Quant Time: Oct 07 06:34:24 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	4.904	128	11019	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	85998	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	109820	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	47172	31.336	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 104.467%	
60) 4-Bromofluorobenzene	11.079	95	67964	29.708	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.033%	
63) Toluene-d8	8.647	98	130041	30.579	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.933%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	28731	21.667	ug/l	99
3) Chloromethane	1.301	50	28249	21.508	ug/l	92
4) Vinyl Chloride	1.374	62	32905	21.389	ug/l	97
5) Bromomethane	1.605	94	33963	18.245	ug/l	95
6) Chloroethane	1.685	64	25650	19.587	ug/l	97
7) Trichlorofluoromethane	1.886	101	69134	21.099	ug/l	97
8) Diethyl Ether	2.130	74	25139	21.031	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	25594	20.450	ug/l	97
10) 1,1-Dichloroethene	2.319	96	25962	21.292	ug/l	95
11) Methyl Iodide	2.453	142	39012	21.470	ug/l	99
12) Methyl Acetate	2.703	43	83132	20.033	ug/l	98
13) Acrolein	2.233	56	27625	106.192	ug/l	100
14) Acrylonitrile	3.062	53	103817	106.744	ug/l	98
15) Acetone	2.380	58	27426	105.903	ug/l	95
16) Carbon Disulfide	2.514	76	68539	21.036	ug/l	99
17) Allyl chloride	2.666	41	42799	20.888	ug/l	91
18) Methylene Chloride	2.788	84	32867	20.673	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	31788	20.818	ug/l	95
20) Diisopropyl ether	3.757	45	96653	21.495	ug/l #	84
21) 1,1-Dichloroethane	3.611	63	56568	20.671	ug/l	100
22) cis-1,2-Dichloroethene	4.489	96	37524	20.865	ug/l	96
23) tert-Butyl Alcohol	2.953	59	45345	106.078	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	99223	20.729	ug/l	99
25) Chloroform	5.099	83	63670	20.490	ug/l	97
26) Cyclohexane	5.471	56	47589	20.558	ug/l #	98
29) 1,1-Dichloropropene	5.696	75	46289	20.344	ug/l	99
30) 2-Butanone	4.550	43	149472	102.207	ug/l	98
31) 2,2-Dichloropropane	4.477	77	30846	18.352	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	53545	19.695	ug/l	99
33) Carbon Tetrachloride	5.678	117	45056	19.560	ug/l	97
34) Benzene	6.037	78	135744	20.168	ug/l	98
35) Methacrylonitrile	4.922	41	27155	19.833	ug/l	96
36) 1,2-Dichloroethane	6.086	62	53699	20.565	ug/l	99
37) Trichloroethene	7.129	130	35549	20.054	ug/l	97
38) Methylcyclohexane	7.385	83	52476	19.362	ug/l	96
39) 1,2-Dichloropropane	7.434	63	33578	19.902	ug/l	96
40) Dibromomethane	7.580	93	26773	20.308	ug/l	96
41) Bromodichloromethane	7.824	83	46361	19.616	ug/l	99
42) Vinyl Acetate	3.721	43	337074	104.721	ug/l	100

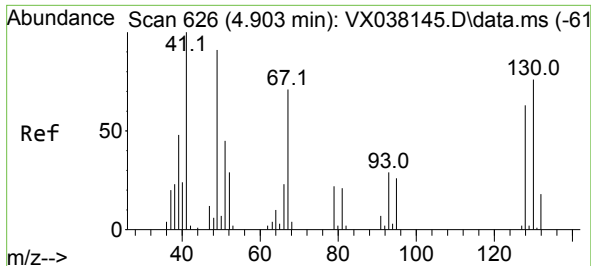
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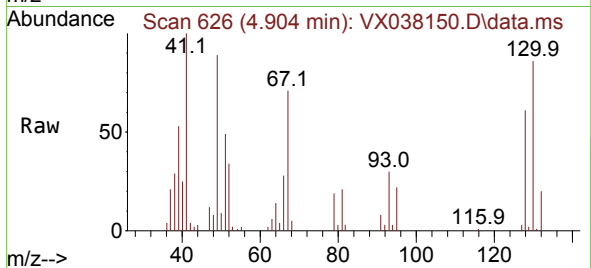
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	55516	20.749	ug/l	99
44) Isopropyl Acetate	6.342	43	81359	20.203	ug/l	100
45) 1,4-Dioxane	7.659	88	20291	396.488	ug/l #	1
46) Methyl methacrylate	7.696	41	39093	19.689	ug/l	97
47) n-amyl Acetate	10.842	43	70779	20.245	ug/l	95
48) t-1,3-Dichloropropene	8.976	75	46606	19.185	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	50103	19.453	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	36303	19.504	ug/l	97
51) Ethyl methacrylate	9.116	69	54157	19.428	ug/l	97
52) 1,3-Dichloropropane	9.311	76	60137	19.868	ug/l	99
53) Dibromochloromethane	9.519	129	35112	19.043	ug/l	100
54) 1,2-Dibromoethane	9.610	107	40279	19.804	ug/l	97
55) 2-Chloroethyl vinyl ether	8.244	63	138718	98.595	ug/l	100
56) Bromoform	10.799	173	25099	18.214	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	294942	107.300	ug/l	98
59) 2-Hexanone	9.427	43	234108	105.933	ug/l	99
61) Tetrachloroethene	9.275	164	31663	21.101	ug/l	96
62) Toluene	8.720	91	152251	20.808	ug/l	98
64) Chlorobenzene	10.079	112	95920	20.934	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	32755	20.507	ug/l	98
66) Ethyl Benzene	10.195	91	169940	20.482	ug/l	97
67) m/p-Xylenes	10.299	106	133494	41.473	ug/l	96
68) o-Xylene	10.640	106	64889	20.777	ug/l	95
69) Styrene	10.659	104	108501	20.907	ug/l	99
70) Isopropylbenzene	10.963	105	169113	20.532	ug/l	96
71) 1,1,2,2-Tetrachloroethane	11.213	83	63596	20.948	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	65971	23.894	ug/l	90
73) Bromobenzene	11.195	156	41378	20.288	ug/l	99
74) n-propylbenzene	11.305	91	207398	20.721	ug/l	97
75) 2-Chlorotoluene	11.366	91	121344	20.632	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	148021	20.565	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	13363	17.780	ug/l	95
78) 4-Chlorotoluene	11.451	91	144944	20.724	ug/l	98
79) tert-butylbenzene	11.713	119	140999	20.622	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	148155	21.082	ug/l	97
81) sec-Butylbenzene	11.890	105	185684	20.759	ug/l	97
82) p-Isopropyltoluene	12.006	119	151049	20.428	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	82279	20.686	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	84133	20.774	ug/l	98
85) n-Butylbenzene	12.335	91	142055	20.134	ug/l	98
86) Hexachloroethane	12.536	117	23764	19.441	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	79193	20.541	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	15294	21.753	ug/l	95
89) 1,2,4-Trichlorobenzene	13.585	180	51953	20.757	ug/l	99
90) Hexachlorobutadiene	13.725	225	19318	19.188	ug/l	94
91) Naphthalene	13.774	128	179674	20.961	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	49951	20.388	ug/l	99

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

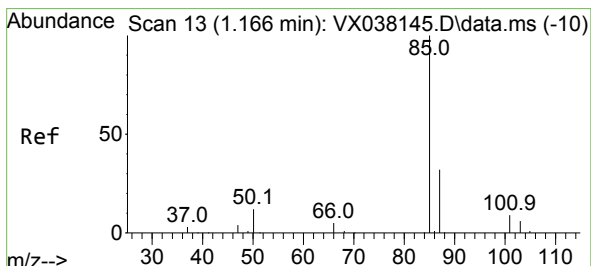
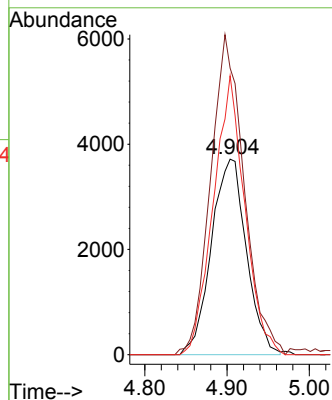
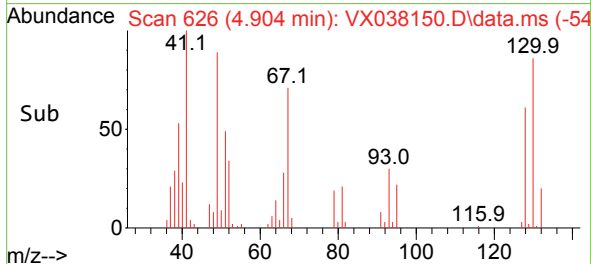


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

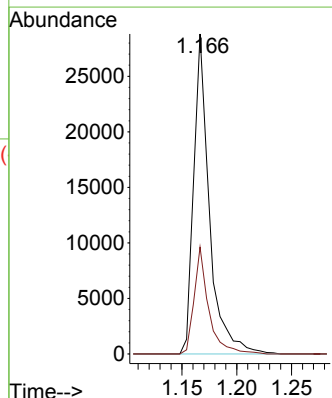
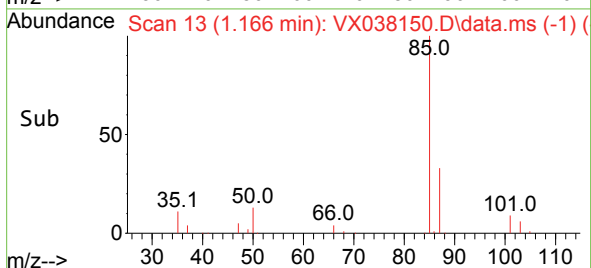
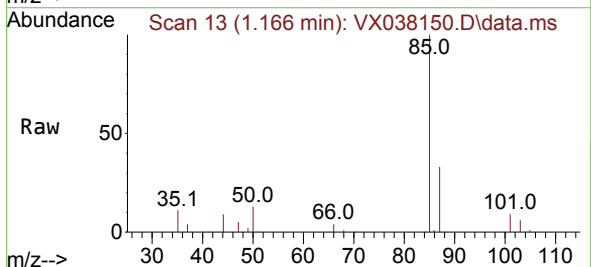


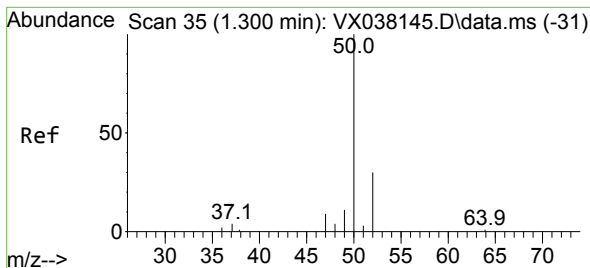
Tgt Ion:128 Resp: 11019
Ion Ratio Lower Upper
128 100
49 156.2 0.0 406.3
130 128.3 0.0 328.0



#2
Dichlorodifluoromethane
Concen: 21.667 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 85 Resp: 28731
Ion Ratio Lower Upper
85 100
87 33.4 16.4 49.4





#3

Chloromethane

Concen: 21.508 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA_X

ClientSampleId :

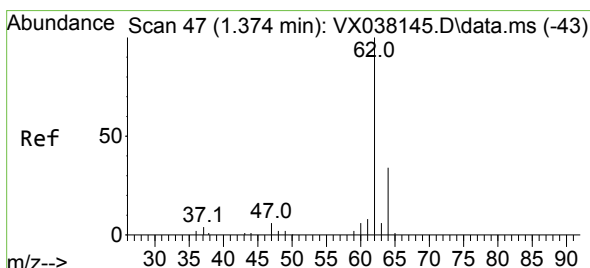
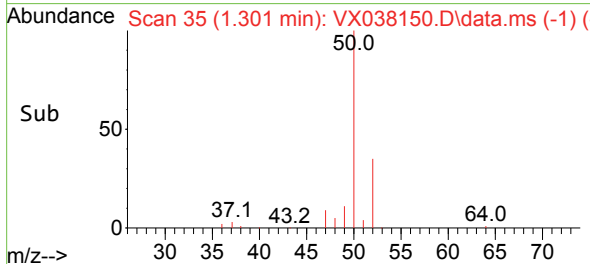
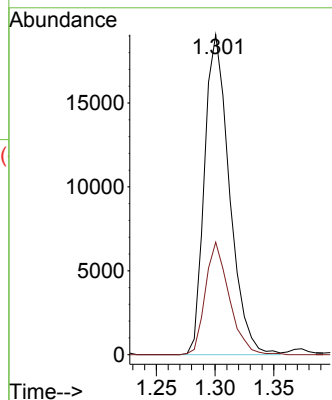
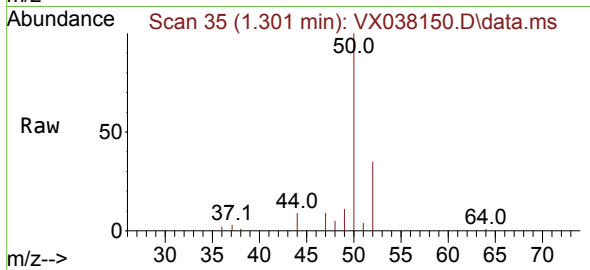
ICVVX100623

Tgt Ion: 50 Resp: 28249

Ion Ratio Lower Upper

50 100

52 35.1 24.5 36.7



#4

Vinyl Chloride

Concen: 21.389 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX038150.D

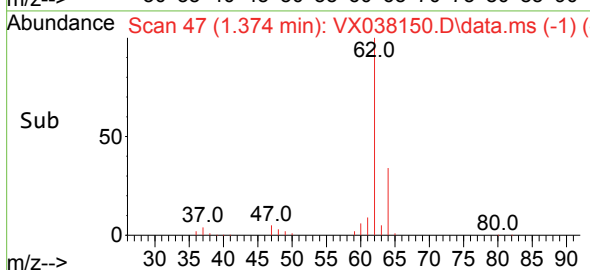
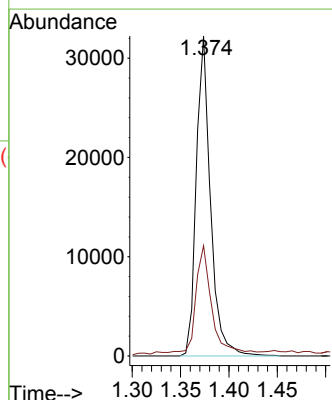
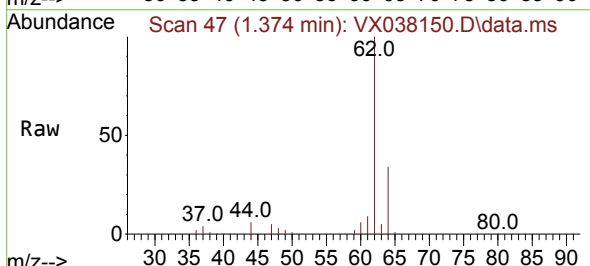
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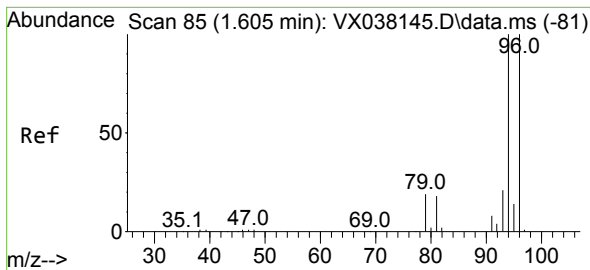
Tgt Ion: 62 Resp: 32905

Ion Ratio Lower Upper

62 100

64 33.1 25.3 37.9





#5

Bromomethane

Concen: 18.245 ug/l

RT: 1.605 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA_X

ClientSampleId :

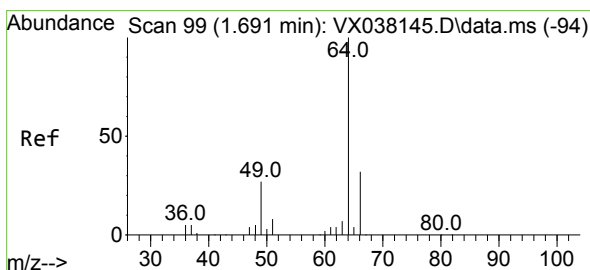
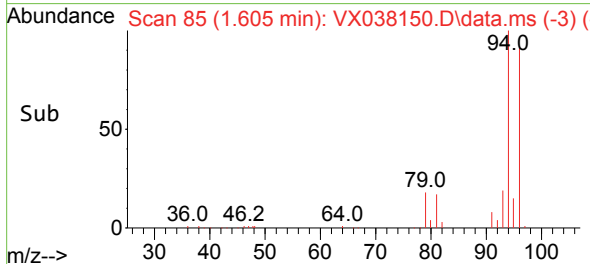
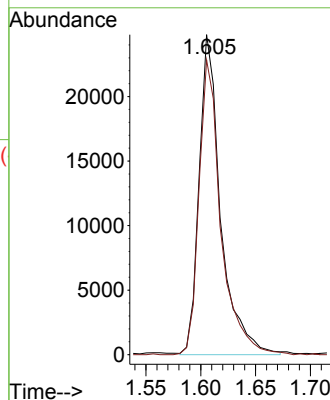
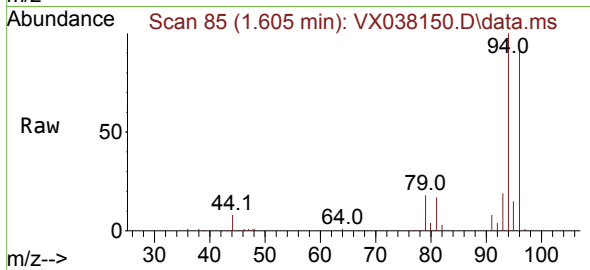
ICVVX100623

Tgt Ion: 94 Resp: 33963

Ion Ratio Lower Upper

94 100

96 92.1 77.4 116.2



#6

Chloroethane

Concen: 19.587 ug/l

RT: 1.685 min Scan# 98

Delta R.T. -0.006 min

Lab File: VX038150.D

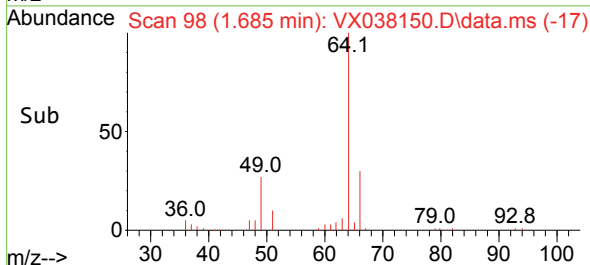
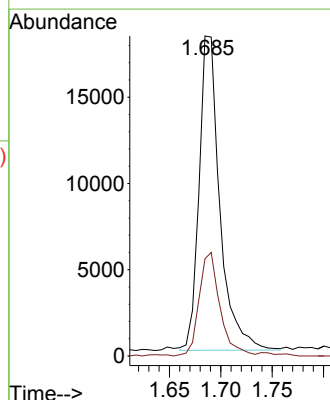
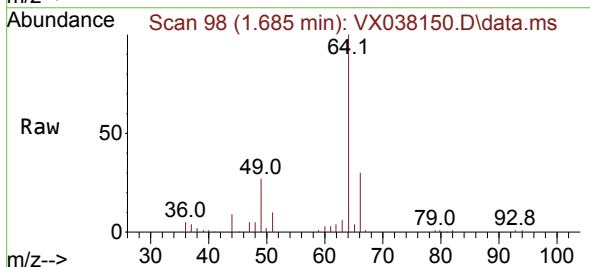
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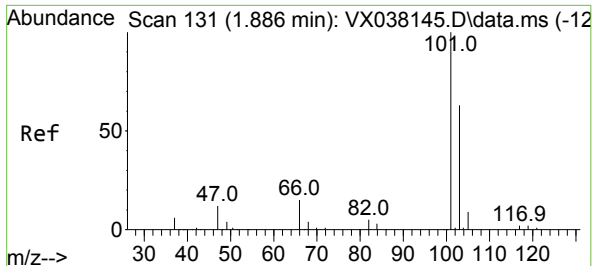
Tgt Ion: 64 Resp: 25650

Ion Ratio Lower Upper

64 100

66 30.7 23.1 34.7

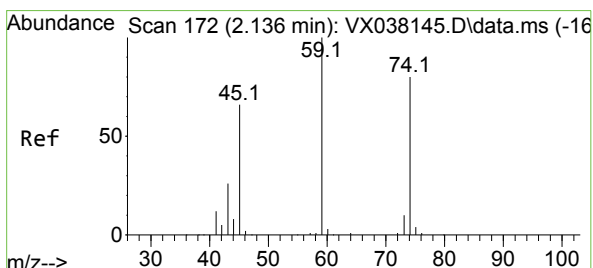
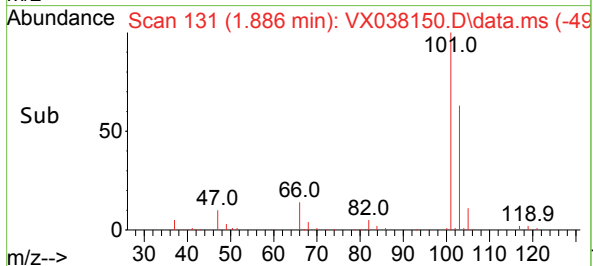
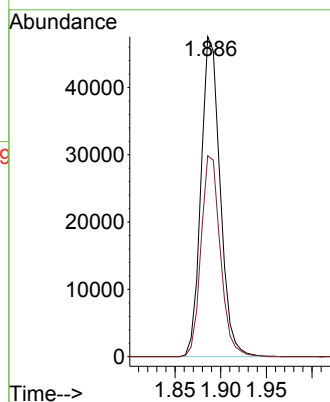
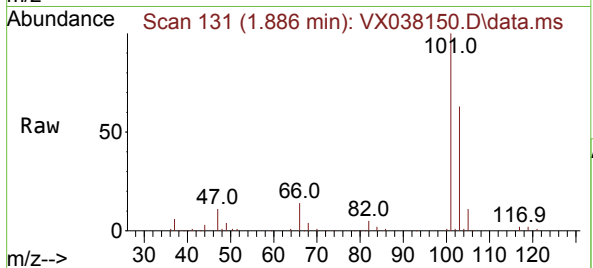




#7
 Trichlorofluoromethane
 Concen: 21.099 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038150.D
 Acq: 07 Oct 2023 01:01

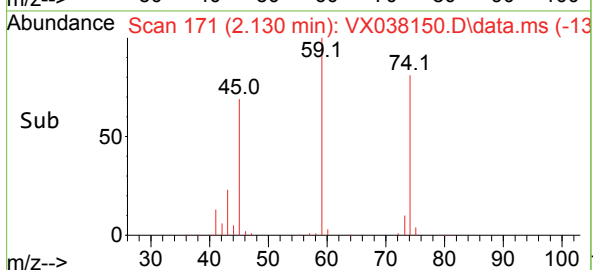
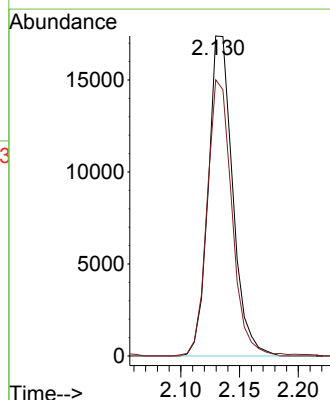
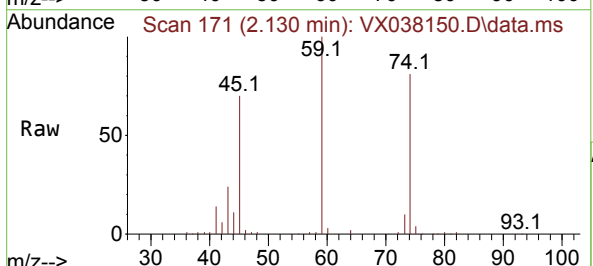
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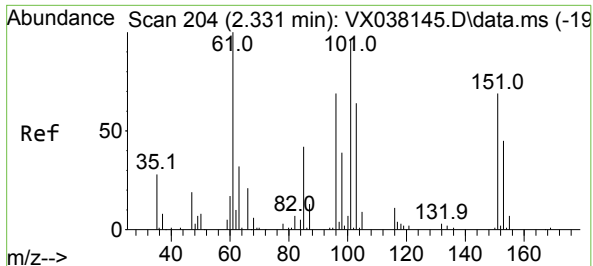
Tgt Ion:101 Resp: 69134
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.2 78.2



#8
 Diethyl Ether
 Concen: 21.031 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX038150.D
 Acq: 07 Oct 2023 01:01

Tgt Ion: 74 Resp: 25139
 Ion Ratio Lower Upper
 74 100
 45 87.6 19.9 178.9

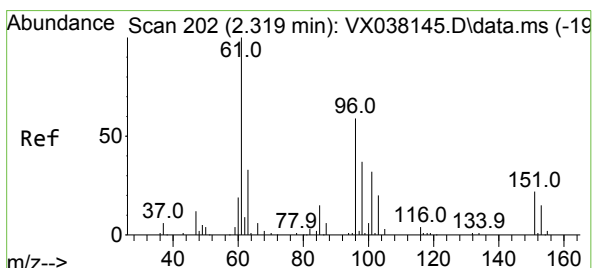
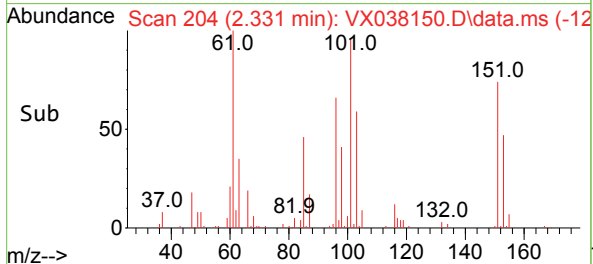
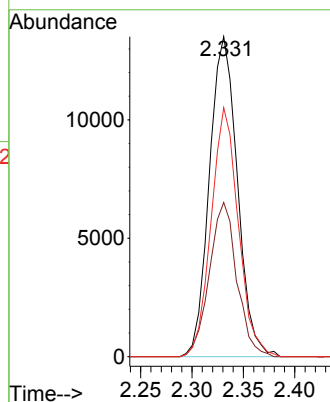
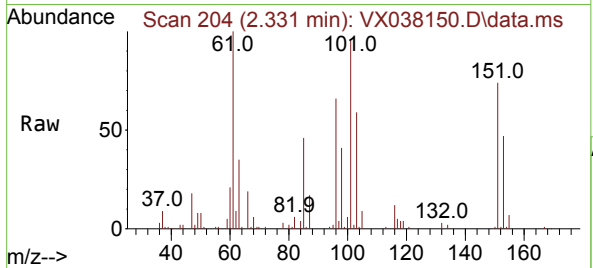




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.450 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

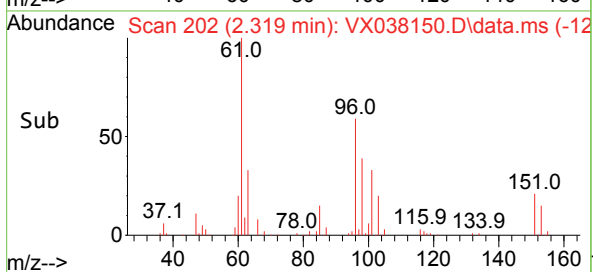
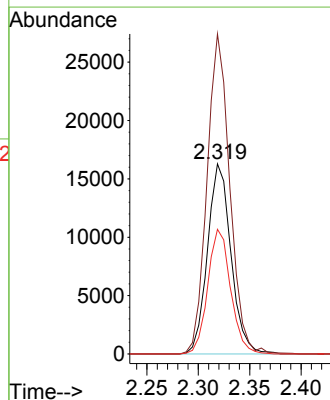
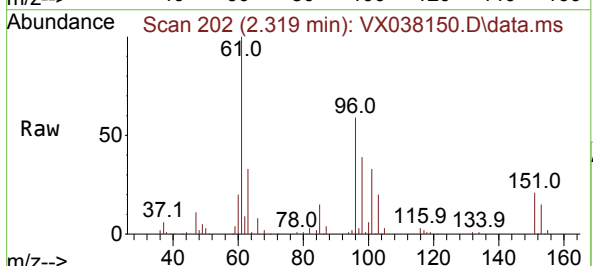
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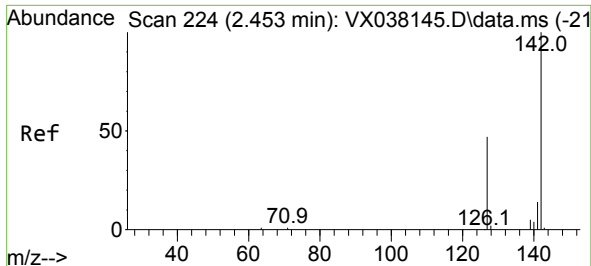
Tgt Ion:101 Resp: 25594
Ion Ratio Lower Upper
101 100
85 47.3 0.0 91.0
151 75.6 0.0 155.4



#10
1,1-Dichloroethene
Concen: 21.292 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

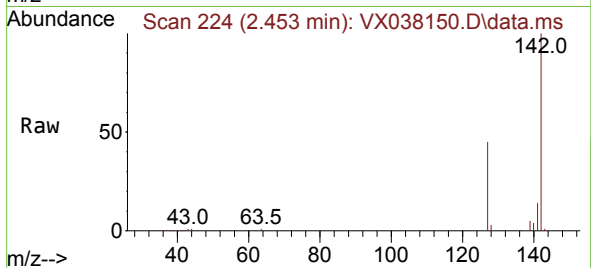
Tgt Ion: 96 Resp: 25962
Ion Ratio Lower Upper
96 100
61 168.3 127.2 190.8
98 65.6 52.7 79.1



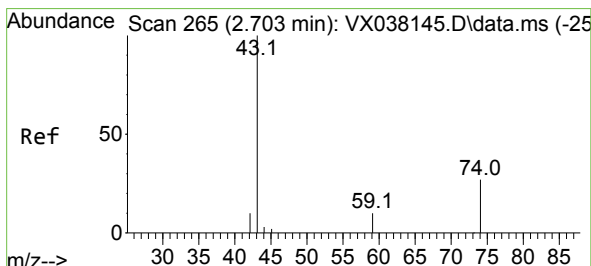
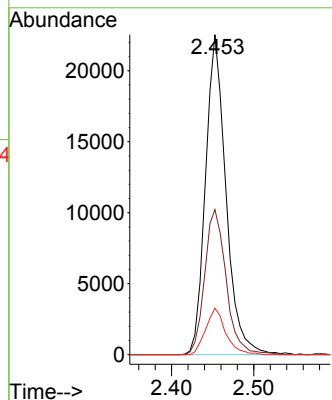
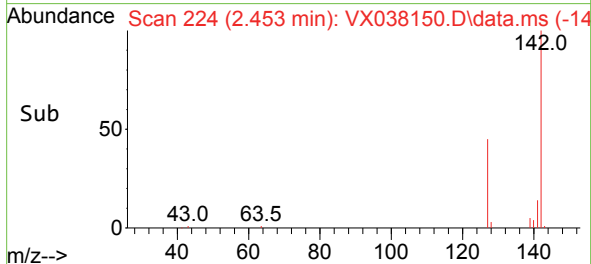


#11
Methyl Iodide
Concen: 21.470 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

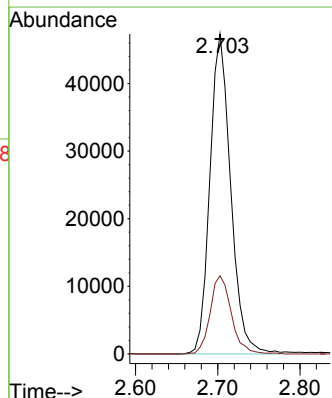
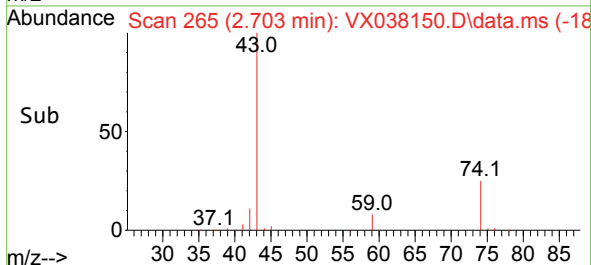
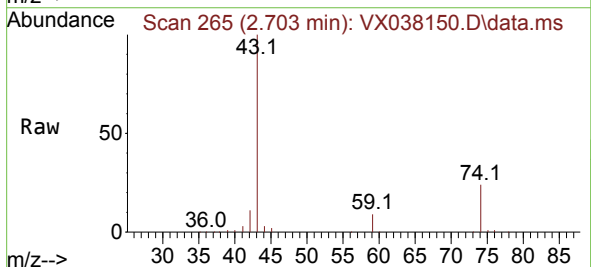


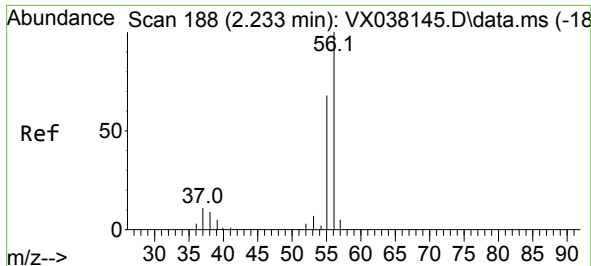
Tgt Ion:142 Resp: 39012
Ion Ratio Lower Upper
142 100
127 45.4 22.9 68.8
141 14.5 7.5 22.6



#12
Methyl Acetate
Concen: 20.033 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 43 Resp: 83132
Ion Ratio Lower Upper
43 100
74 24.5 20.3 30.5

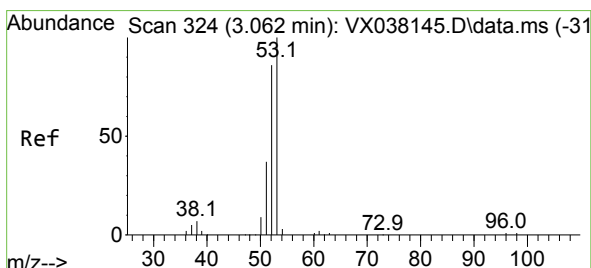
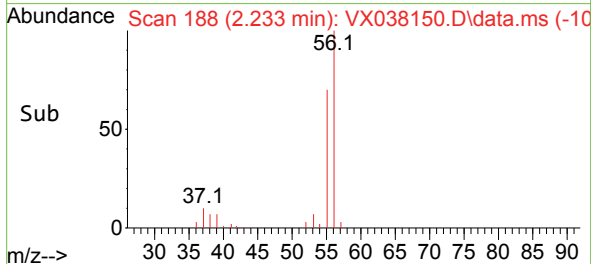
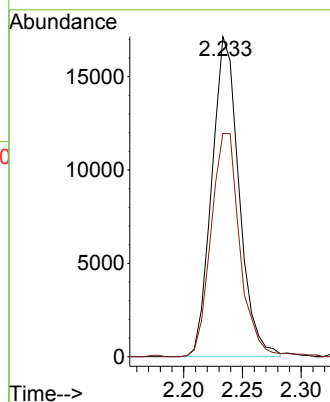
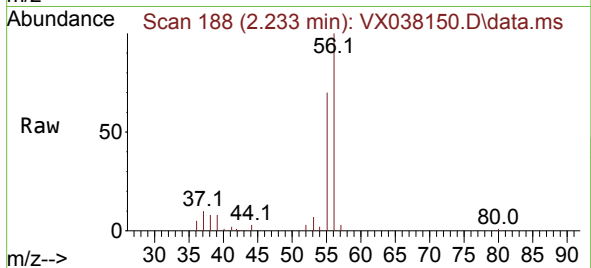




#13
Acrolein
Concen: 106.192 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

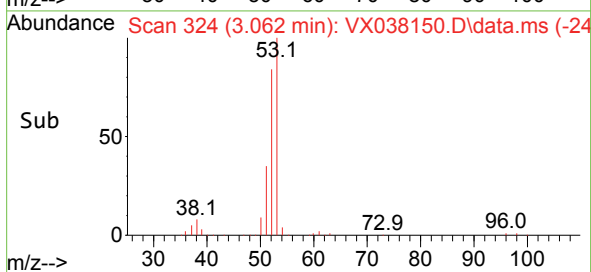
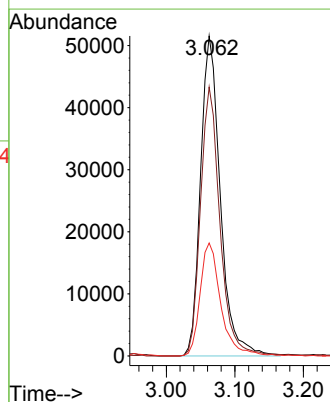
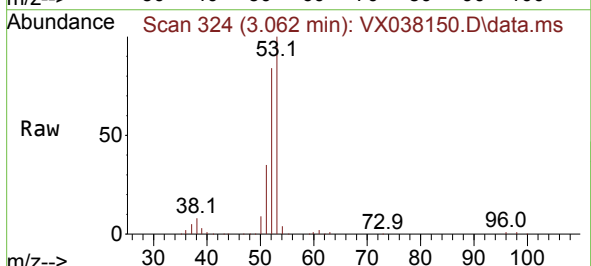
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

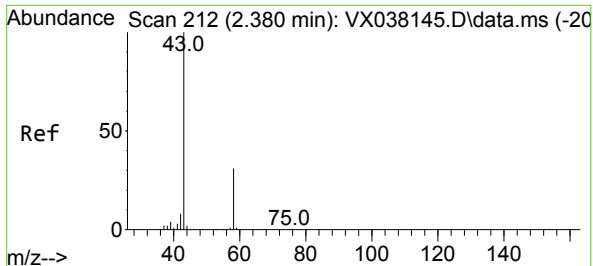
Tgt Ion: 56 Resp: 27625
Ion Ratio Lower Upper
56 100
55 74.3 59.7 89.5



#14
Acrylonitrile
Concen: 106.744 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 53 Resp: 103817
Ion Ratio Lower Upper
53 100
52 82.9 40.0 119.9
51 36.7 18.2 54.6

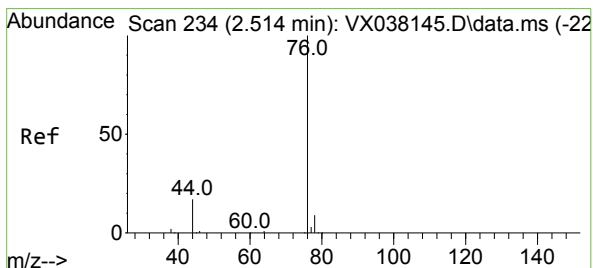
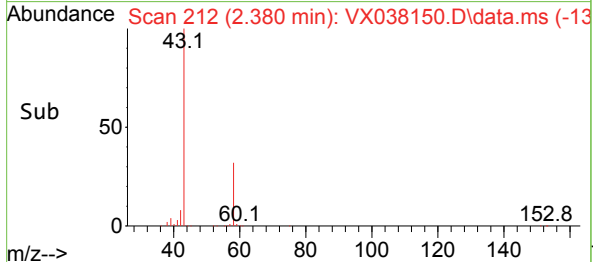
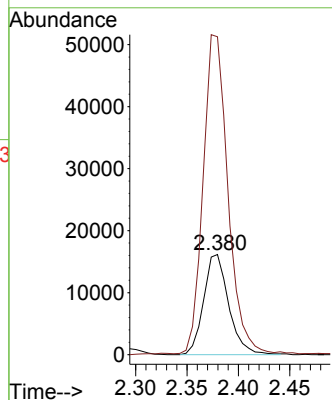
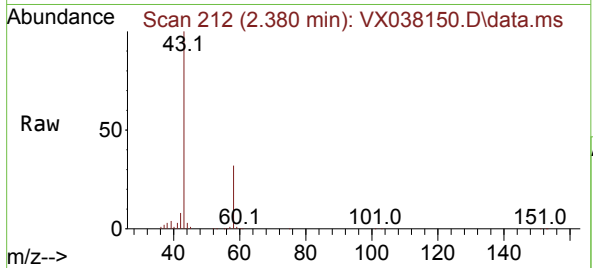




#15
Acetone
Concen: 105.903 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

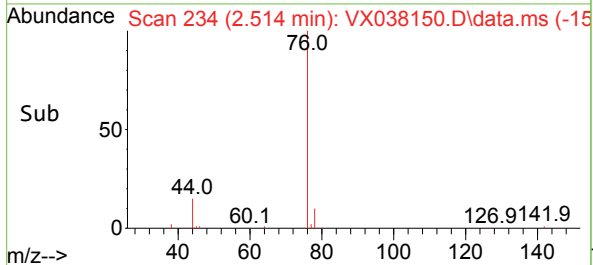
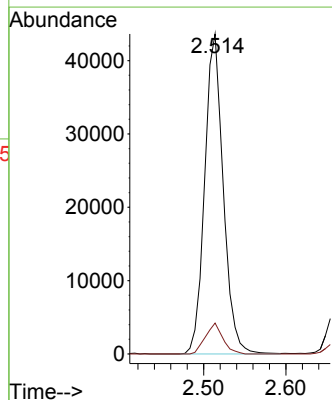
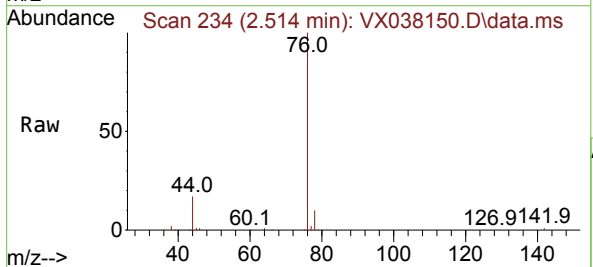
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

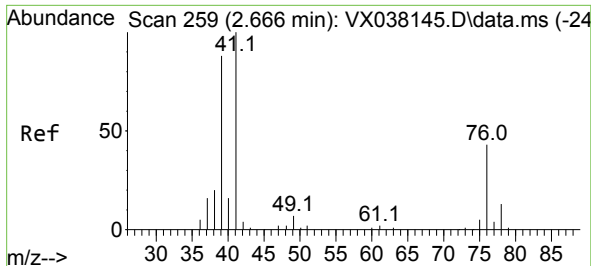
Tgt Ion: 58 Resp: 27426
Ion Ratio Lower Upper
58 100
43 315.9 261.0 391.4



#16
Carbon Disulfide
Concen: 21.036 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 76 Resp: 68539
Ion Ratio Lower Upper
76 100
78 9.7 8.0 12.0





#17

Allyl chloride

Concen: 20.888 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100623

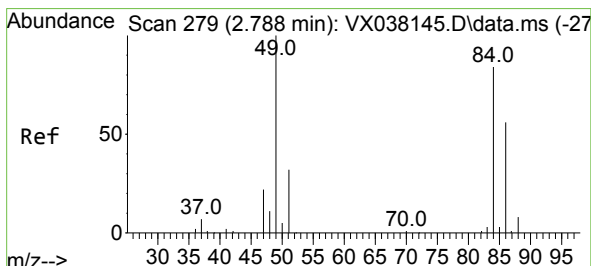
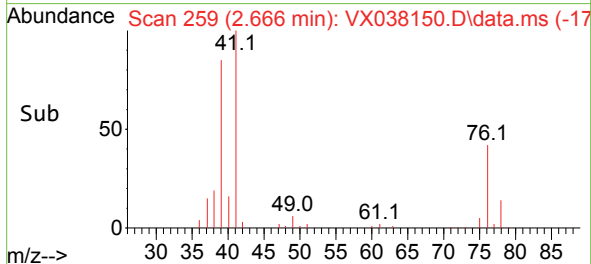
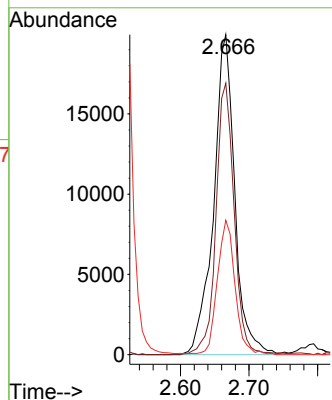
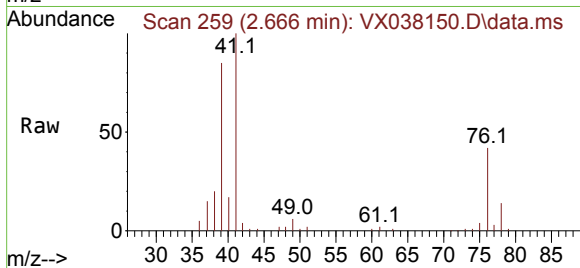
Tgt Ion: 41 Resp: 42799

Ion Ratio Lower Upper

41 100

39 84.8 38.5 115.3

76 42.0 18.6 55.8



#18

Methylene Chloride

Concen: 20.673 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Tgt Ion: 84 Resp: 32867

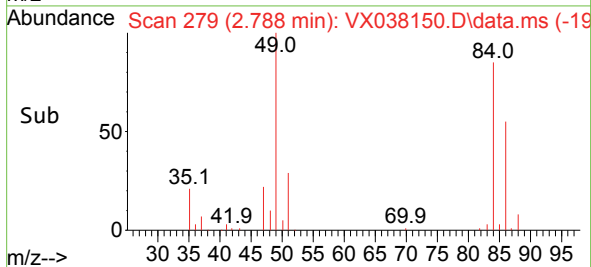
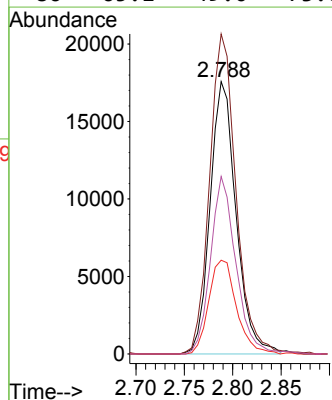
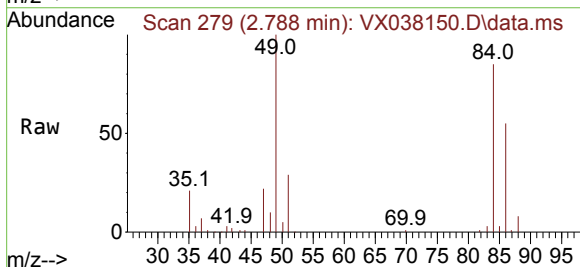
Ion Ratio Lower Upper

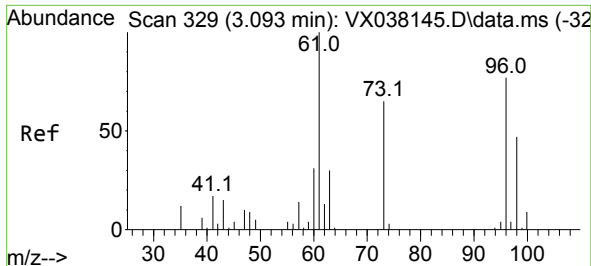
84 100

49 117.5 95.4 143.0

51 34.4 28.3 42.5

86 65.1 49.0 73.6

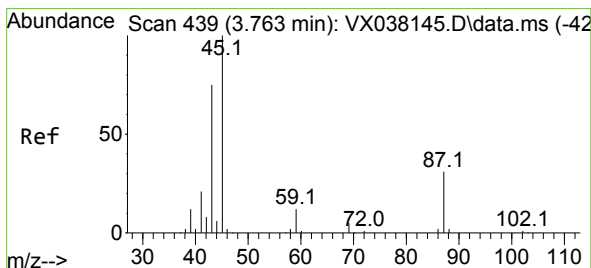
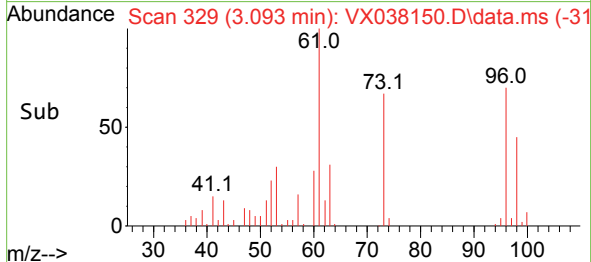
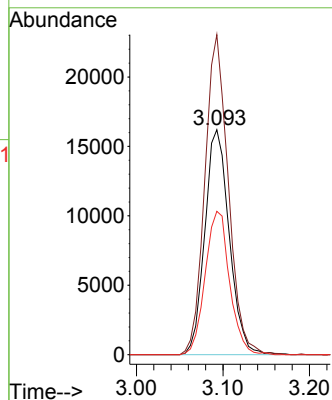
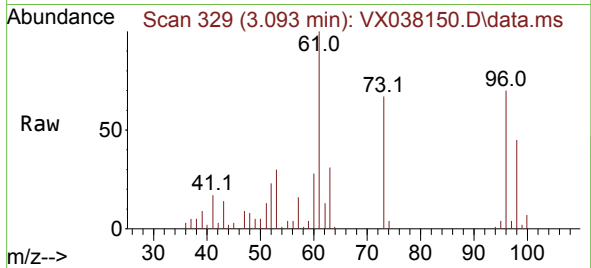




#19
trans-1,2-Dichloroethene
Concen: 20.818 ug/l
RT: 3.093 min Scan# 317
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

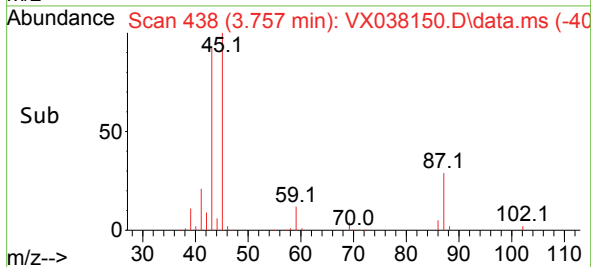
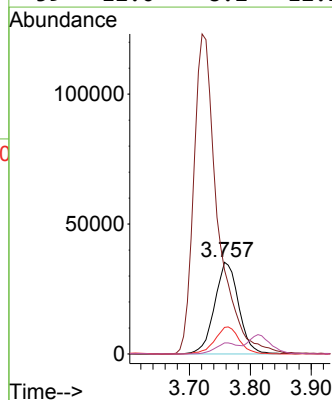
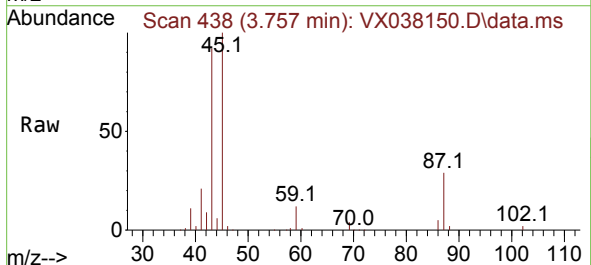
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

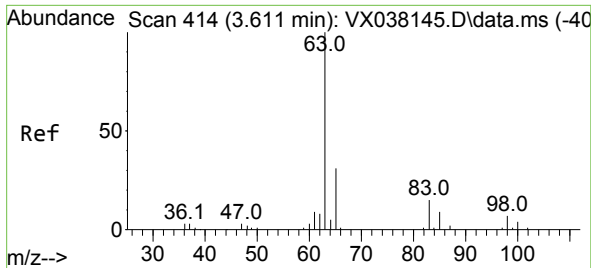
Tgt Ion: 96 Resp: 31788
Ion Ratio Lower Upper
96 100
61 142.3 108.7 163.1
98 63.8 49.1 73.7



#20
Diisopropyl ether
Concen: 21.495 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 45 Resp: 96653
Ion Ratio Lower Upper
45 100
43 89.0 55.8 83.6#
87 29.0 23.0 34.4
59 12.0 8.2 12.2

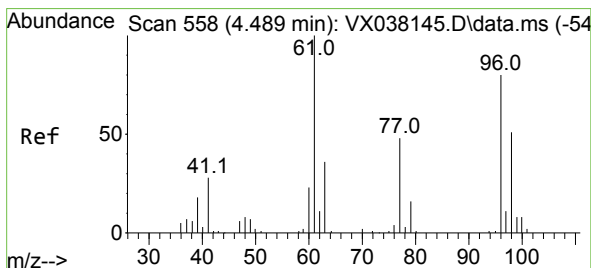
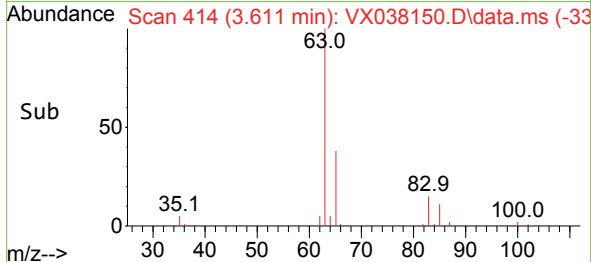
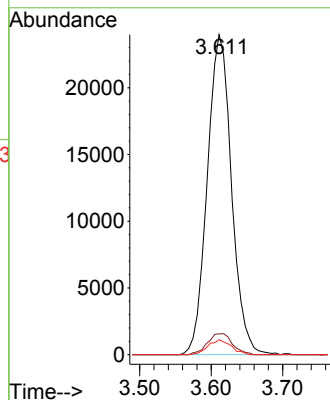
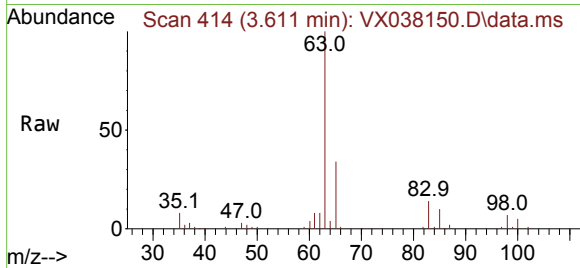




#21
1,1-Dichloroethane
Concen: 20.671 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

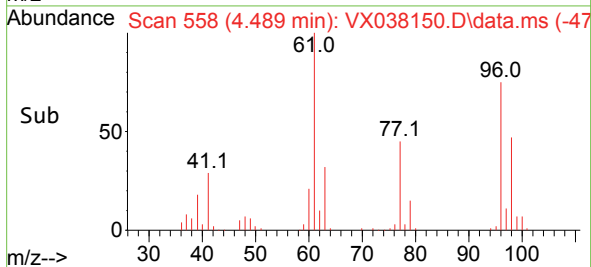
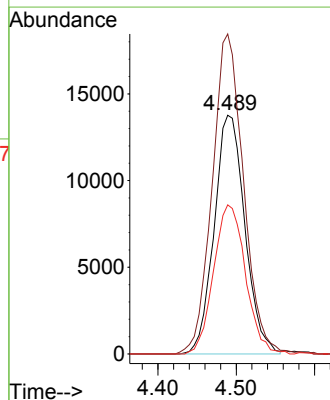
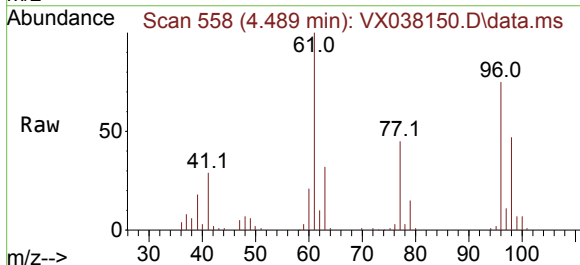
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

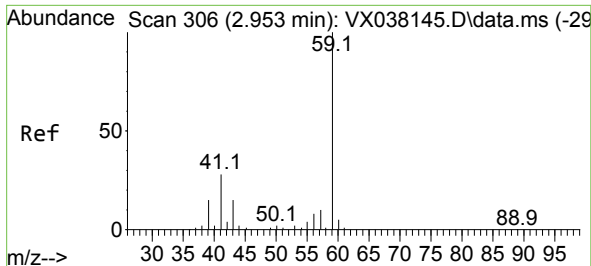
Tgt Ion:	63	Resp:	56568
Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.2	9.6
100	4.7	2.3	6.8



#22
cis-1,2-Dichloroethene
Concen: 20.865 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion:	96	Resp:	37524
Ion	Ratio	Lower	Upper
96	100		
61	136.3	114.0	171.0
98	64.7	51.6	77.4

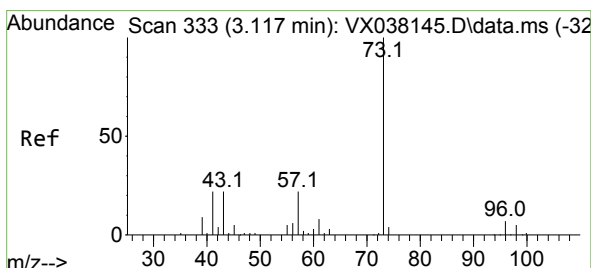
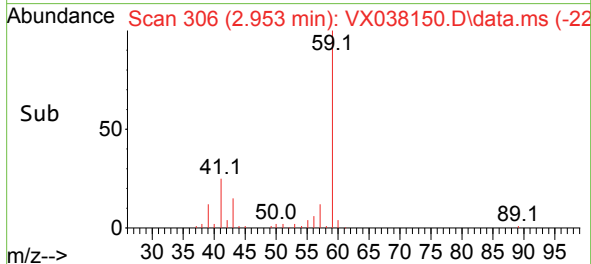
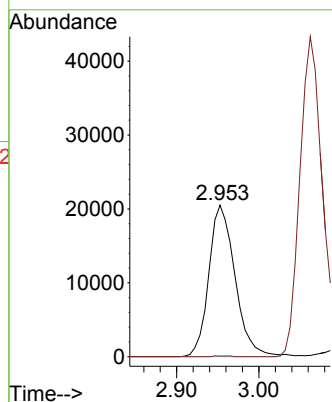
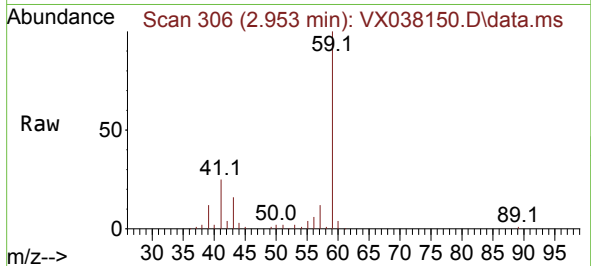




#23
tert-Butyl Alcohol
Concen: 106.078 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

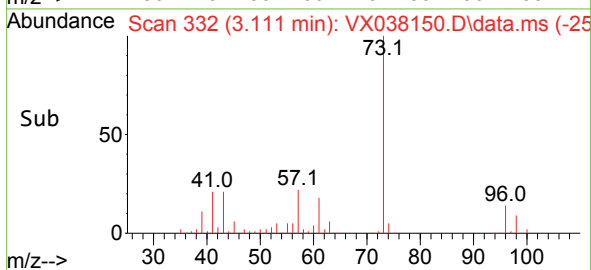
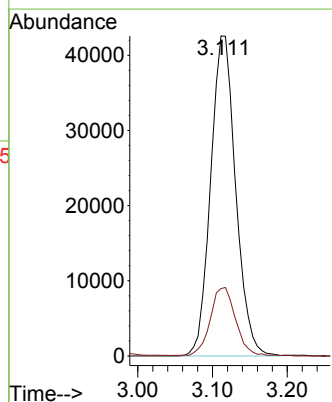
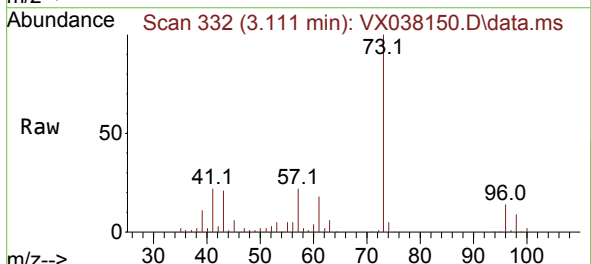
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

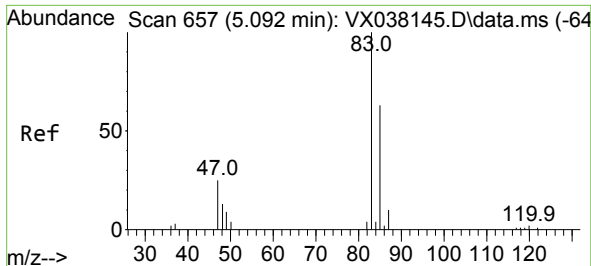
Tgt Ion: 59 Resp: 45345
Ion Ratio Lower Upper
59 100
52 0.2 142.6 213.8#



#24
Methyl tert-Butyl Ether
Concen: 20.729 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 73 Resp: 99223
Ion Ratio Lower Upper
73 100
43 21.6 16.8 25.2

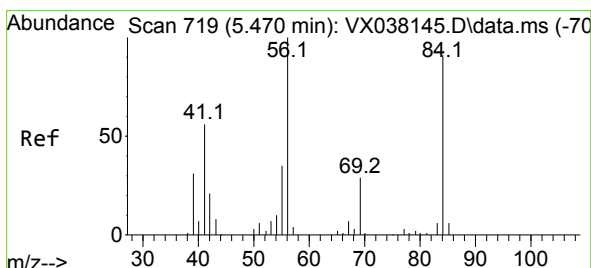
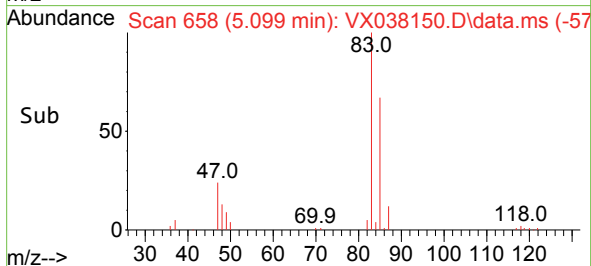
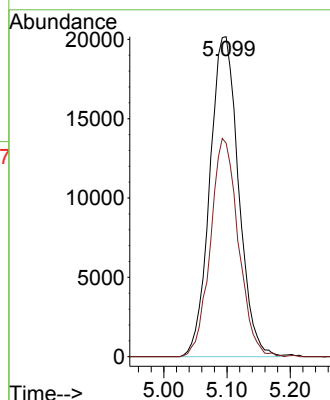
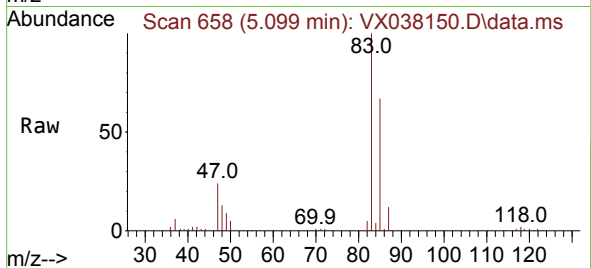




#25
Chloroform
Concen: 20.490 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

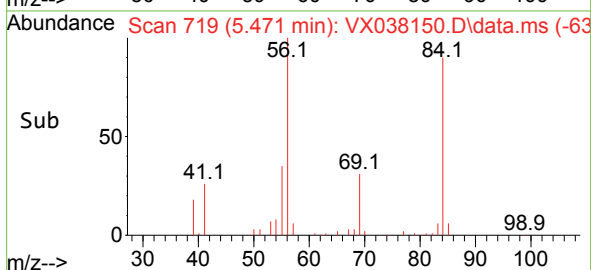
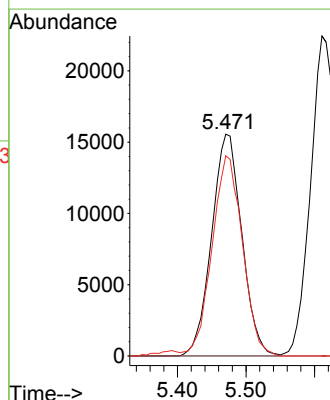
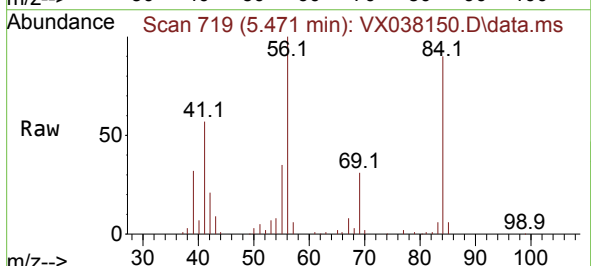
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

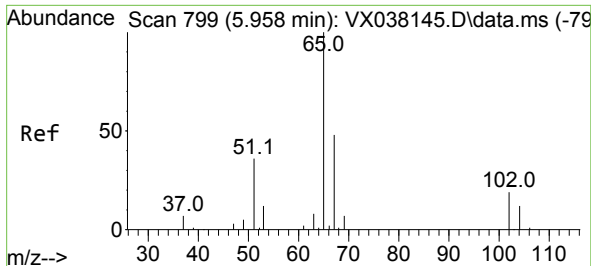
Tgt Ion: 83 Resp: 63670
Ion Ratio Lower Upper
83 100
85 66.7 51.5 77.3



#26
Cyclohexane
Concen: 20.558 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 56 Resp: 47589
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: 31.336 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA_X

ClientSampleId :

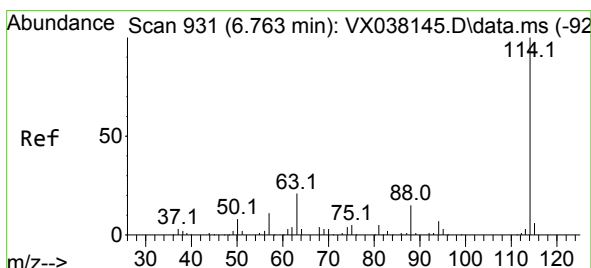
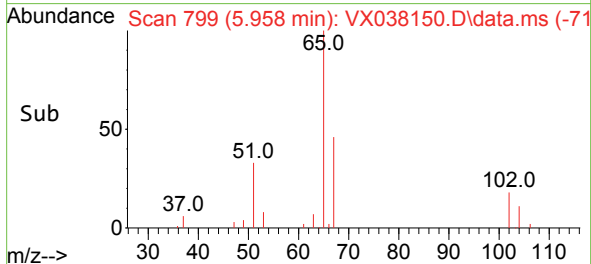
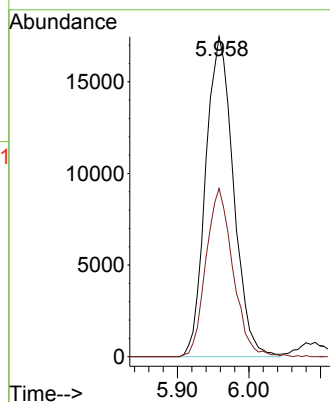
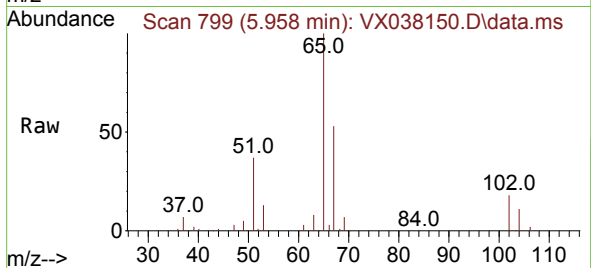
ICVVX100623

Tgt Ion: 65 Resp: 47172

Ion Ratio Lower Upper

65 100

67 50.9 42.1 63.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

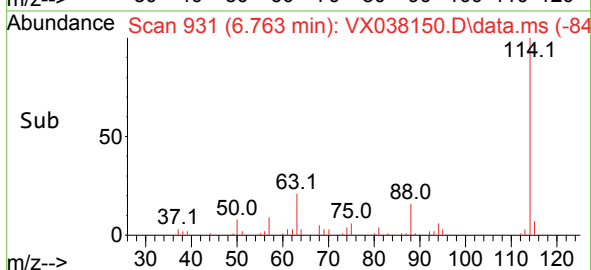
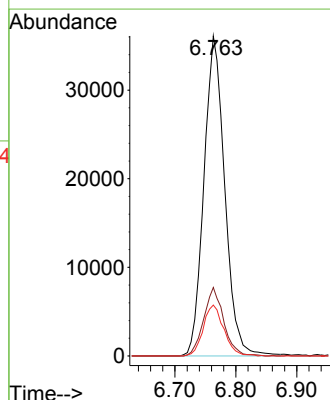
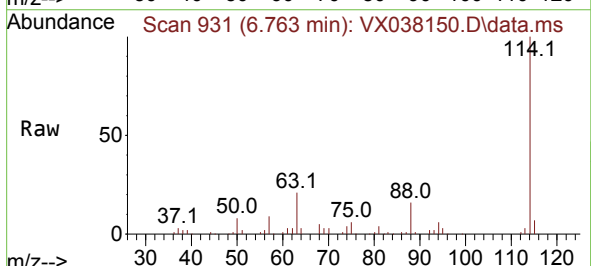
Tgt Ion: 114 Resp: 85998

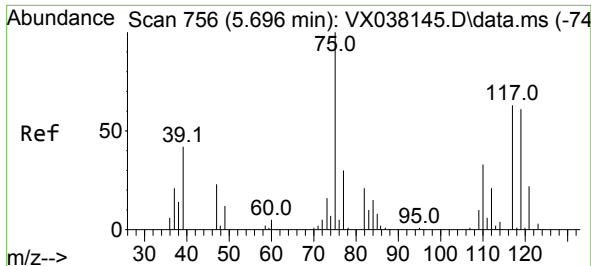
Ion Ratio Lower Upper

114 100

63 20.5 16.6 24.8

88 15.6 12.9 19.3





#29

1,1-Dichloropropene

Concen: 20.344 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100623

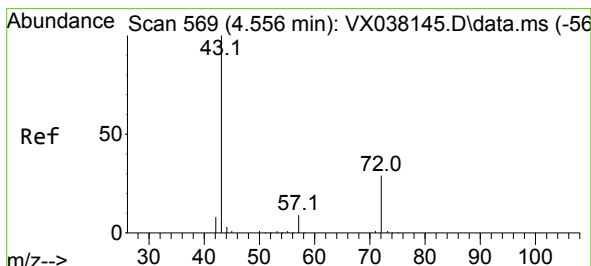
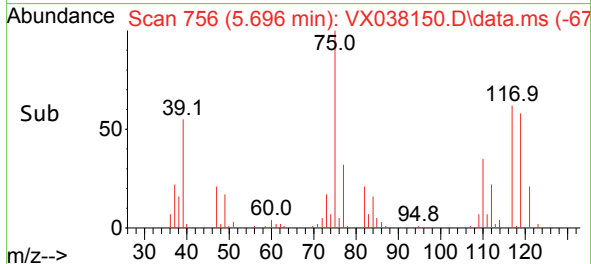
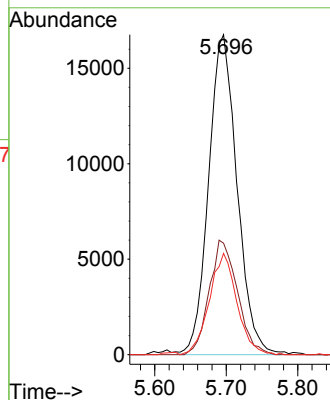
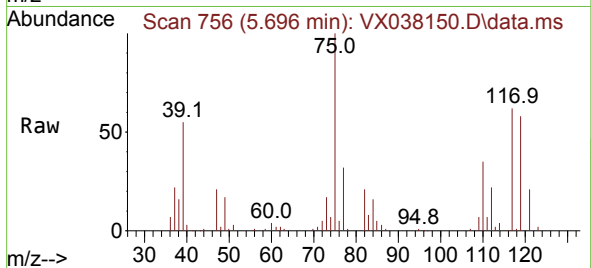
Tgt Ion: 75 Resp: 46289

Ion Ratio Lower Upper

75 100

110 35.5 0.0 70.4

77 30.7 0.0 62.8



#30

2-Butanone

Concen: 102.207 ug/l

RT: 4.550 min Scan# 568

Delta R.T. -0.006 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

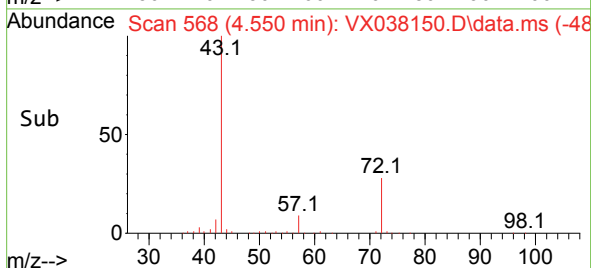
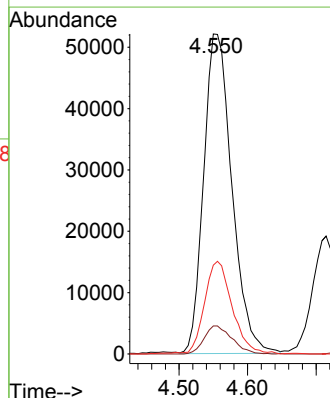
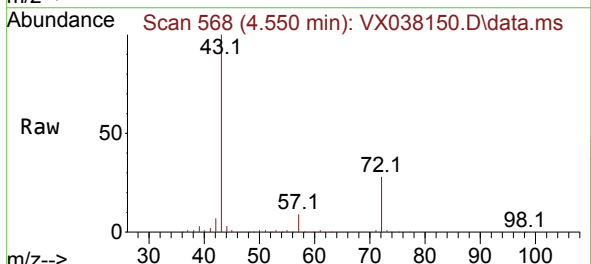
Tgt Ion: 43 Resp: 149472

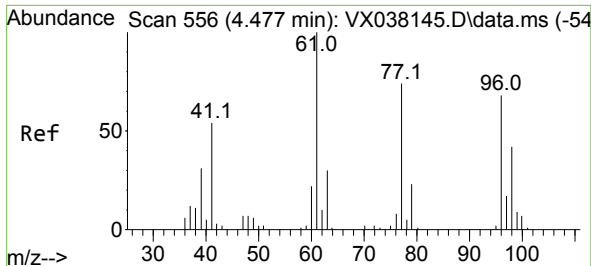
Ion Ratio Lower Upper

43 100

57 8.7 6.4 9.6

72 28.0 21.6 32.4





#31

2,2-Dichloropropane

Concen: 18.352 ug/l

RT: 4.477 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA_X

ClientSampleId :

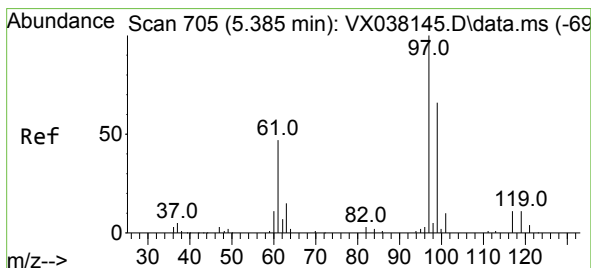
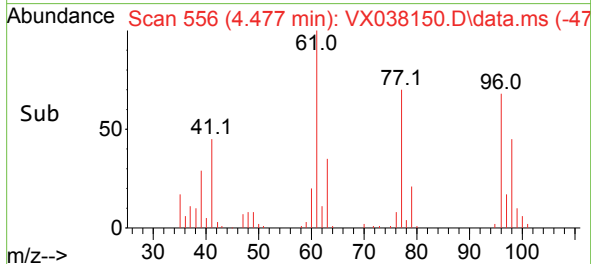
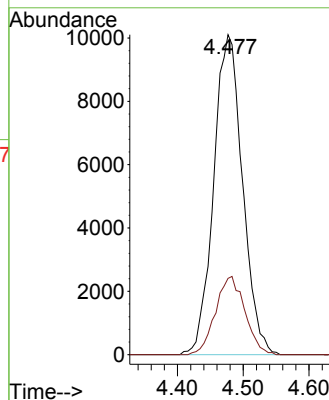
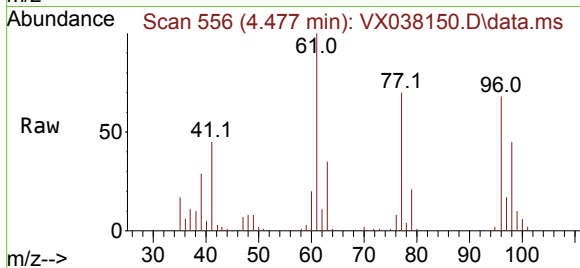
ICVVX100623

Tgt Ion: 77 Resp: 30846

Ion Ratio Lower Upper

77 100

97 24.9 18.6 27.8



#32

1,1,1-Trichloroethane

Concen: 19.695 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

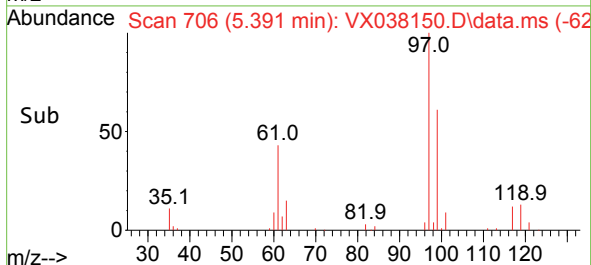
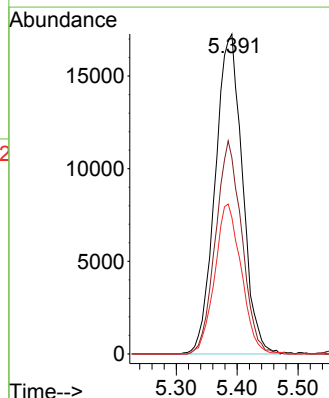
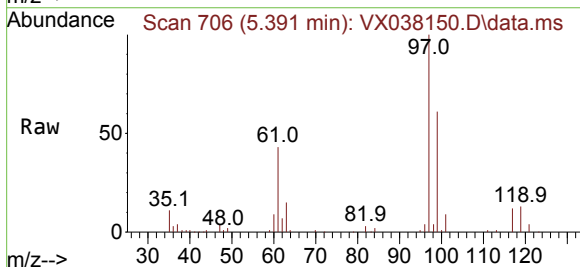
Tgt Ion: 97 Resp: 53545

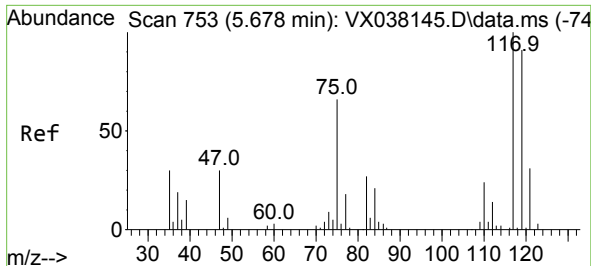
Ion Ratio Lower Upper

97 100

99 64.2 51.5 77.3

61 45.7 35.8 53.8

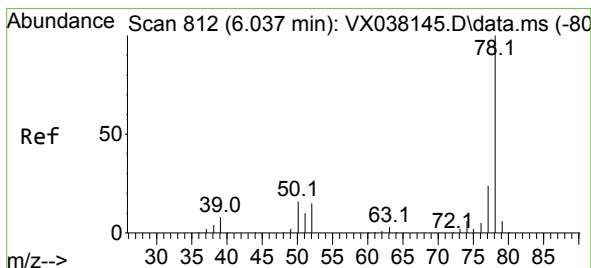
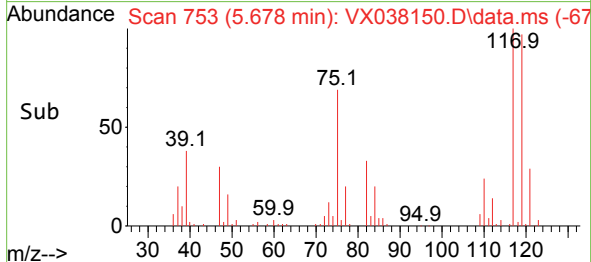
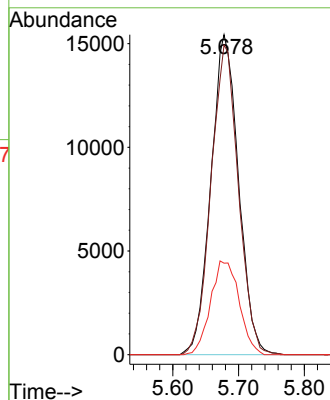
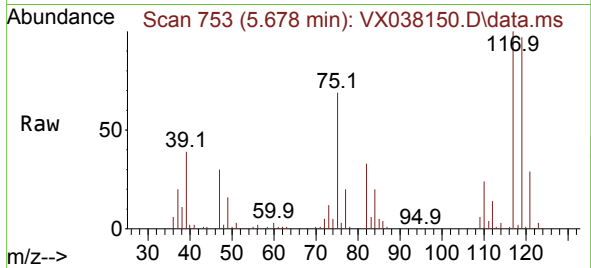




#33
Carbon Tetrachloride
Concen: 19.560 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

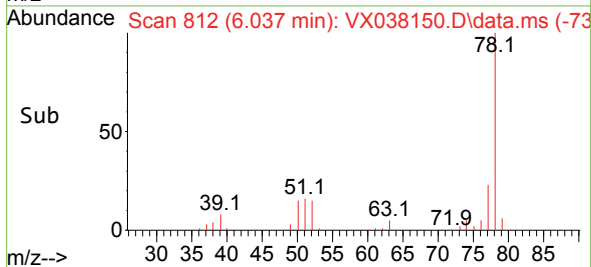
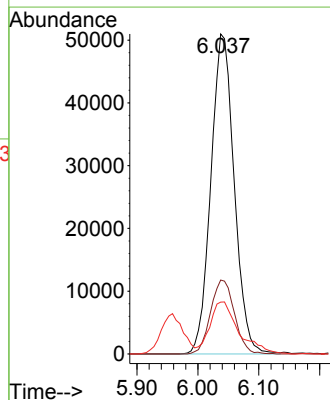
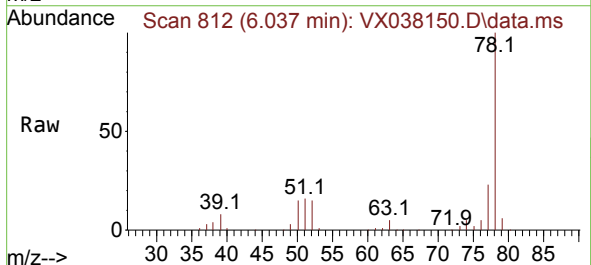
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

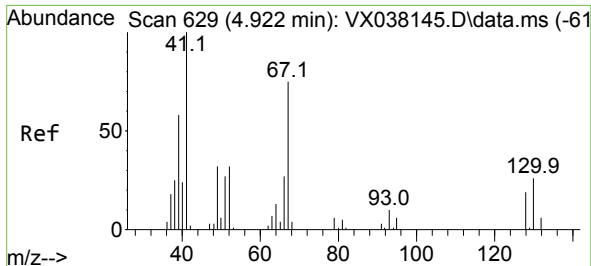
Tgt Ion:117 Resp: 45056
Ion Ratio Lower Upper
117 100
119 96.7 76.6 115.0
121 28.6 26.5 39.7



#34
Benzene
Concen: 20.168 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 78 Resp: 135744
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1
51 15.9 14.2 21.4

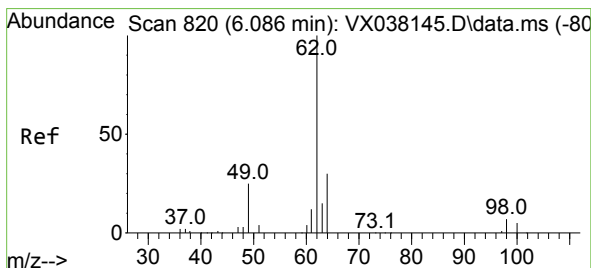
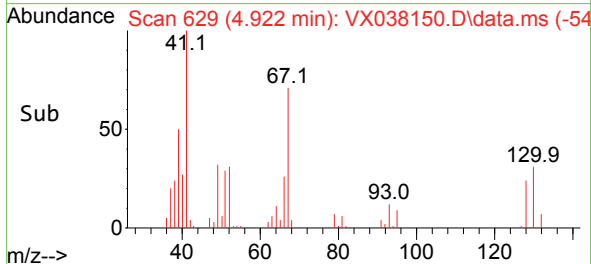
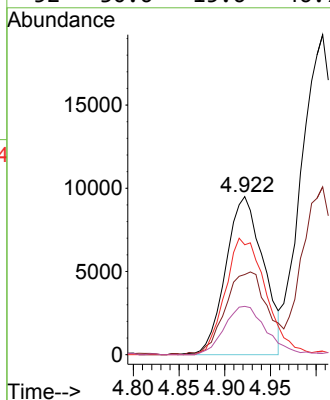
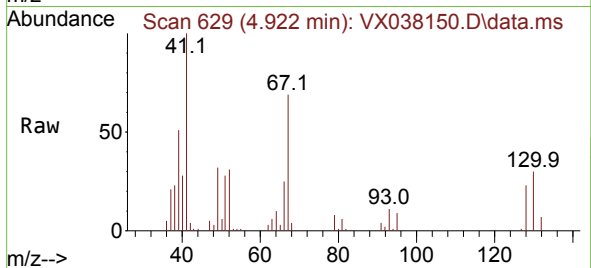




#35
Methacrylonitrile
Concen: 19.833 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

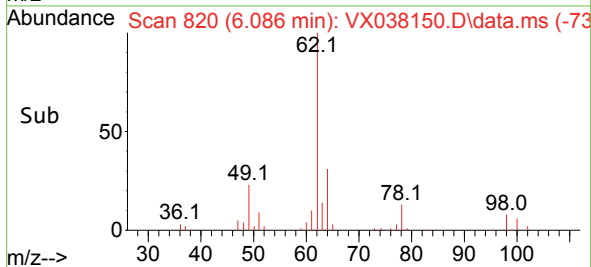
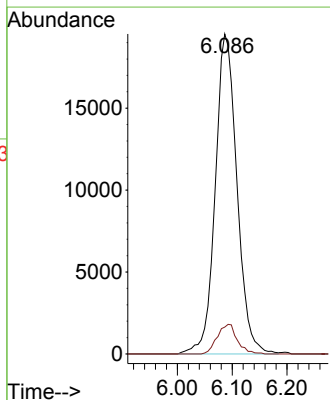
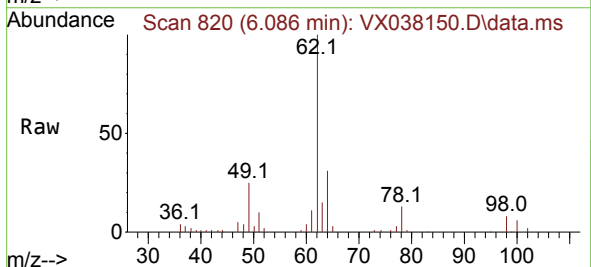
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

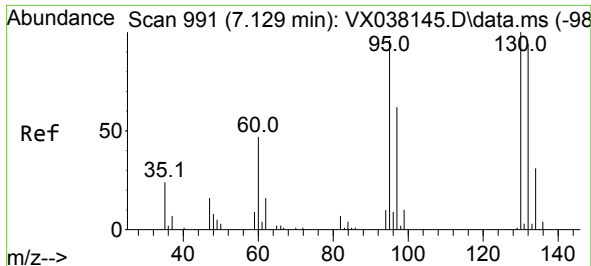
Tgt Ion: 41	Resp: 27155
Ion Ratio	Lower Upper
41 100	
39 50.0	28.2 84.7
67 69.5	35.0 105.1
52 30.6	15.6 46.7



#36
1,2-Dichloroethane
Concen: 20.565 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 62	Resp: 53699		
Ion Ratio	Lower	Upper	
62 100			
98 8.5	7.0	10.6	

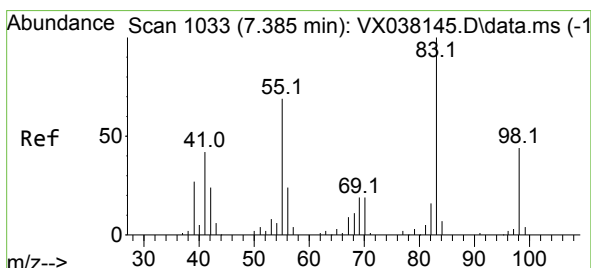
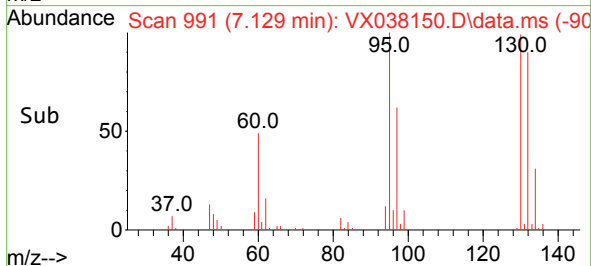
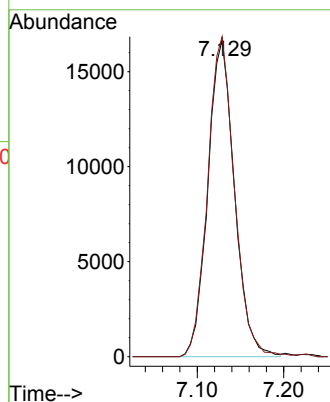
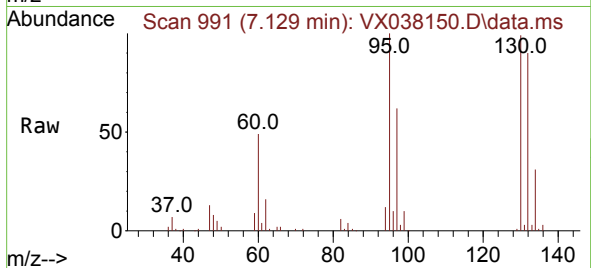




#37
Trichloroethene
Concen: 20.054 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

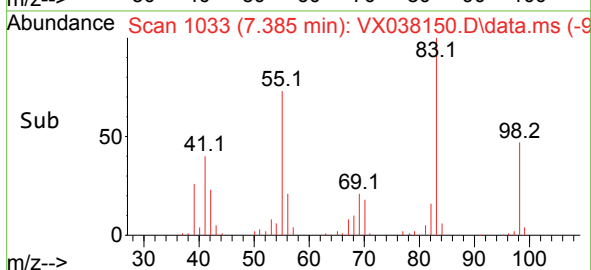
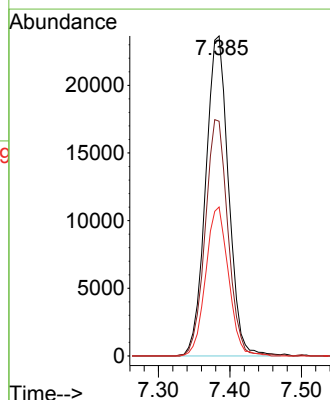
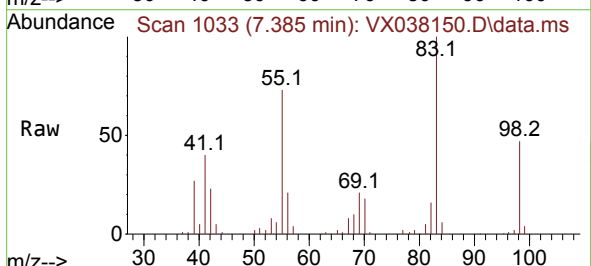
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

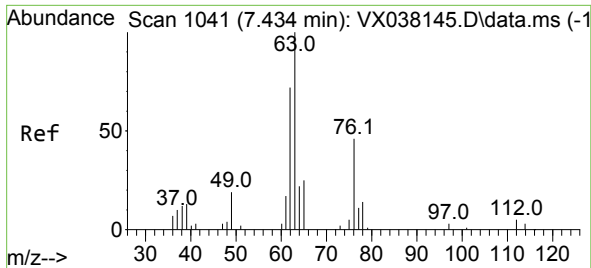
Tgt Ion:130 Resp: 35549
Ion Ratio Lower Upper
130 100
95 101.0 83.2 124.8



#38
Methylcyclohexane
Concen: 19.362 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 83 Resp: 52476
Ion Ratio Lower Upper
83 100
55 73.2 38.1 114.5
98 46.5 24.4 73.4

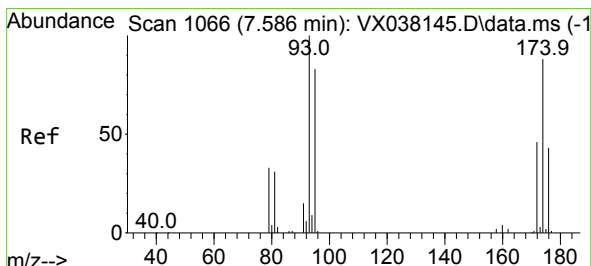
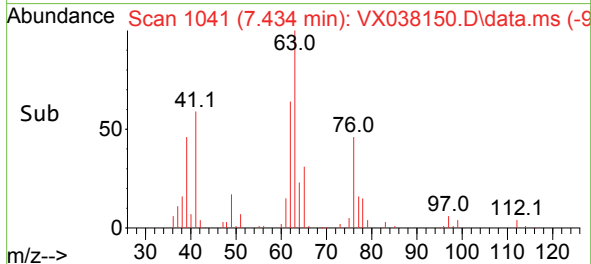
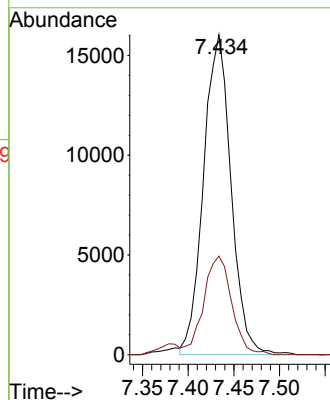
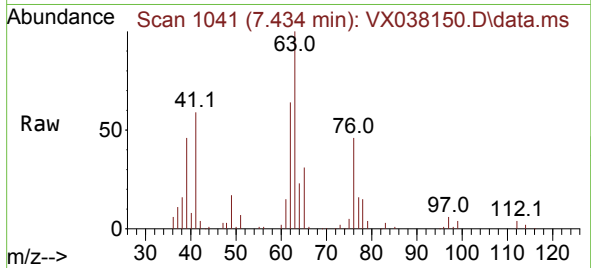




#39
1,2-Dichloropropane
Concen: 19.902 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

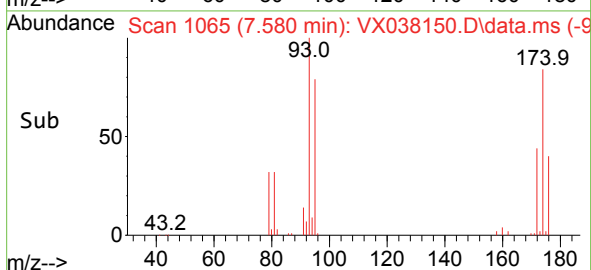
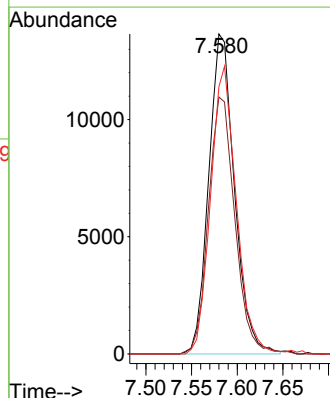
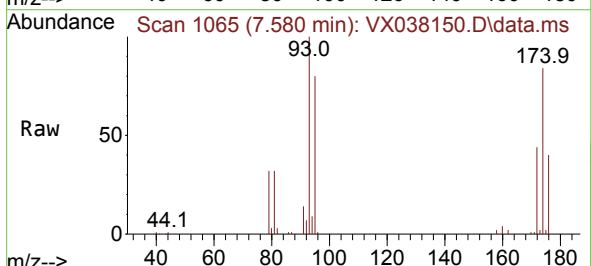
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

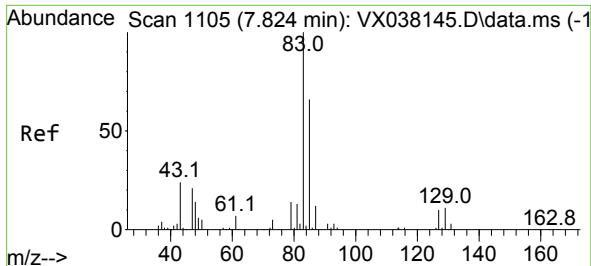
Tgt Ion: 63 Resp: 33578
Ion Ratio Lower Upper
63 100
65 31.0 26.4 39.6



#40
Dibromomethane
Concen: 20.308 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 93 Resp: 26773
Ion Ratio Lower Upper
93 100
95 82.4 0.0 166.8
174 89.5 0.0 191.6

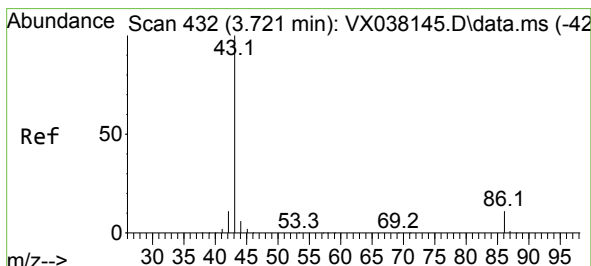
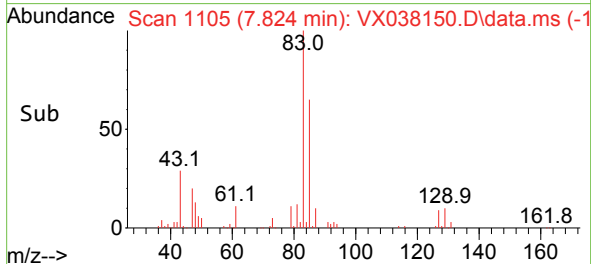
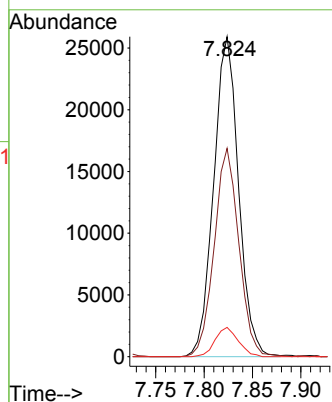
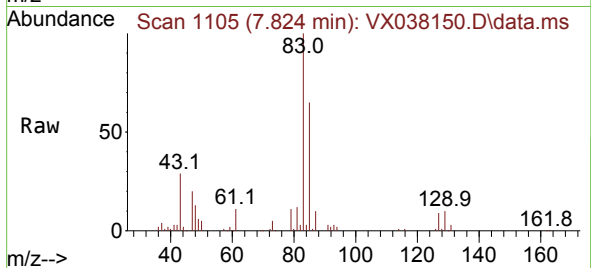




#41
Bromodichloromethane
Concen: 19.616 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

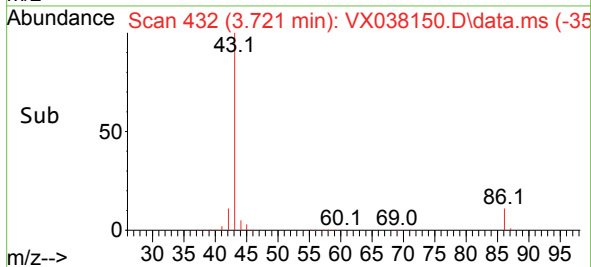
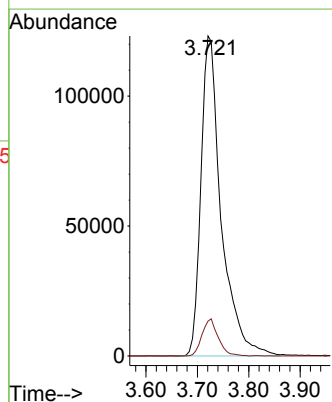
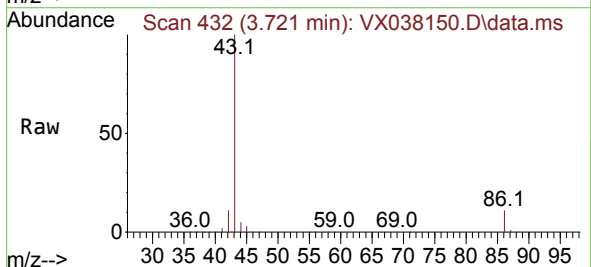
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

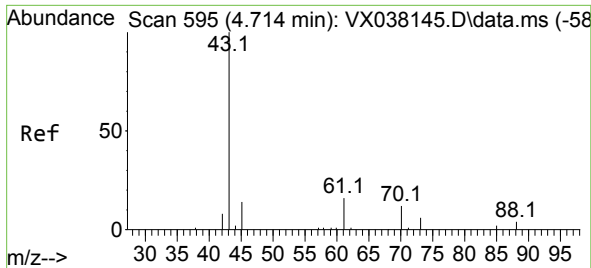
Tgt Ion: 83 Resp: 46361
Ion Ratio Lower Upper
83 100
85 65.1 51.5 77.3
127 9.2 6.4 9.6



#42
Vinyl Acetate
Concen: 104.721 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 43 Resp: 337074
Ion Ratio Lower Upper
43 100
86 9.2 7.4 11.0

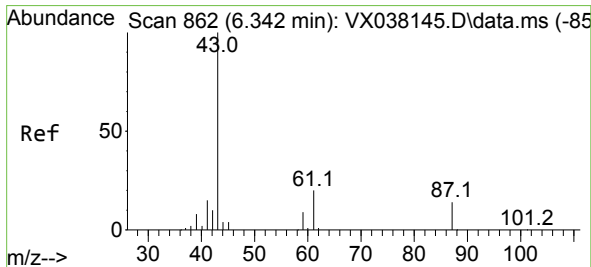
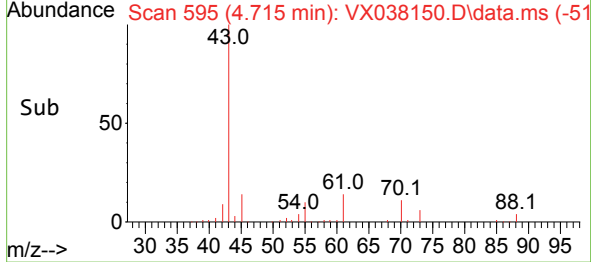
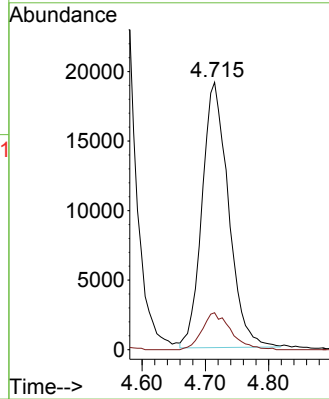
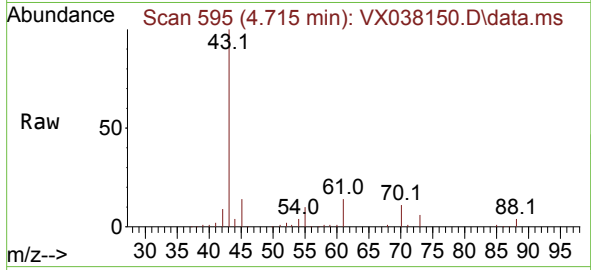




#43
Ethyl Acetate
Concen: 20.749 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

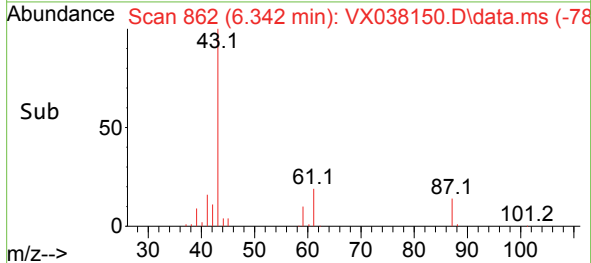
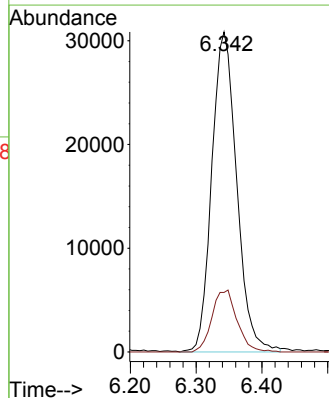
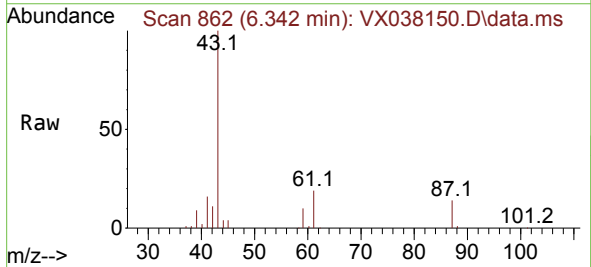
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

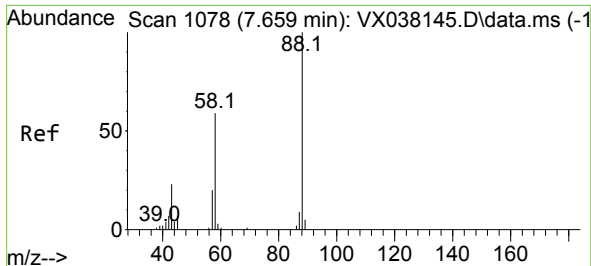
Tgt Ion: 43 Resp: 55516
Ion Ratio Lower Upper
43 100
45 15.1 12.6 18.8



#44
Isopropyl Acetate
Concen: 20.203 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 43 Resp: 81359
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0

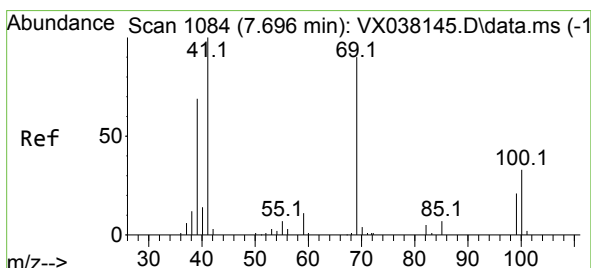
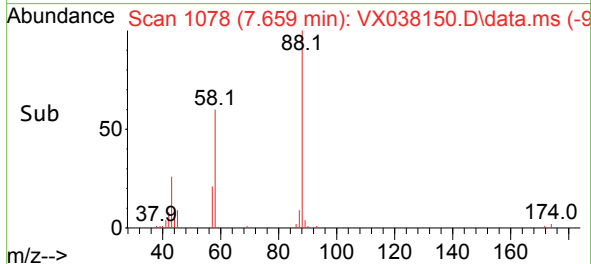
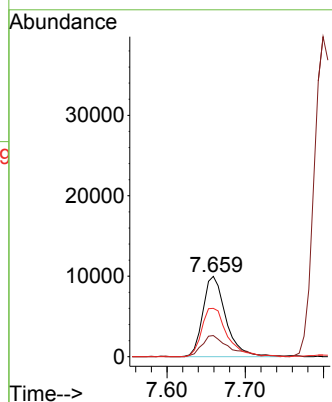
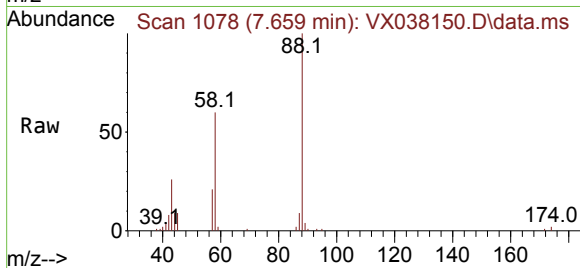




#45
1,4-Dioxane
Concen: 396.488 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

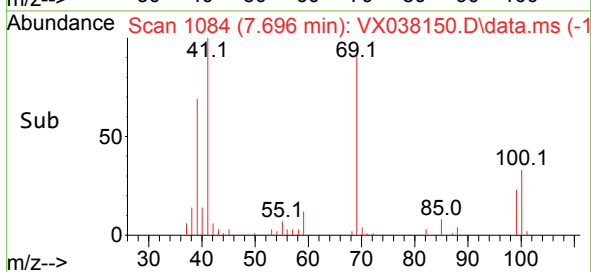
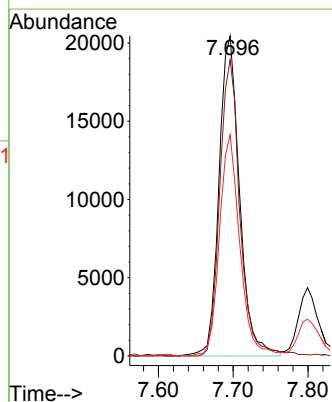
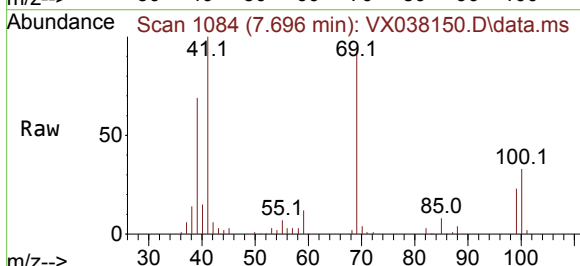
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

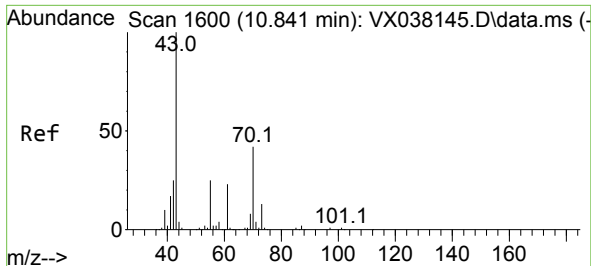
Tgt Ion: 88 Resp: 20291
Ion Ratio Lower Upper
88 100
43 28.7 297.5 446.3#
58 65.5 1.0 1.4#



#46
Methyl methacrylate
Concen: 19.689 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 41 Resp: 39093
Ion Ratio Lower Upper
41 100
69 92.6 44.4 133.1
39 69.2 34.9 104.7

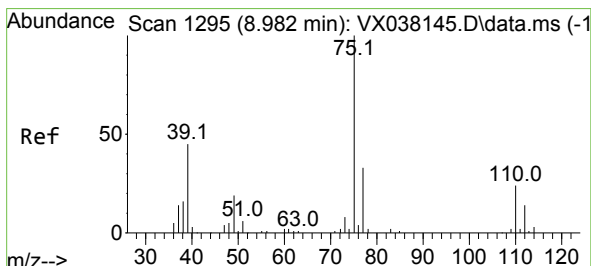
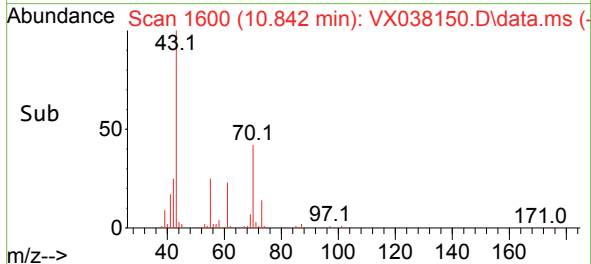
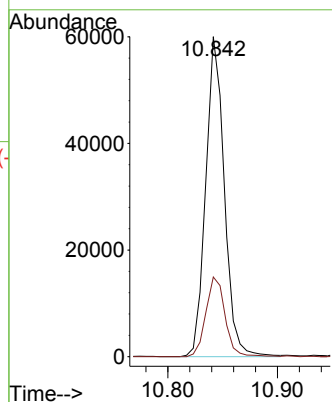
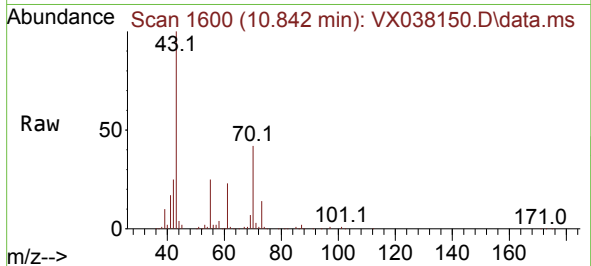




#47
n-amy1 Acetate
Concen: 20.245 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

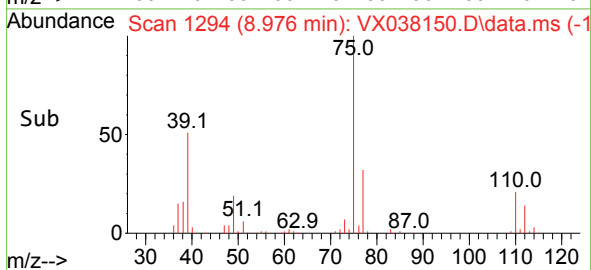
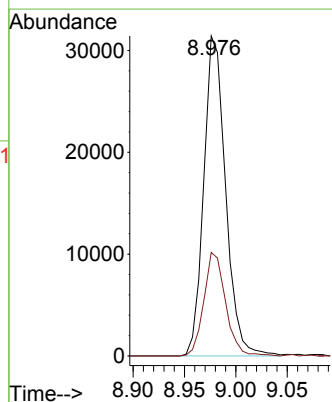
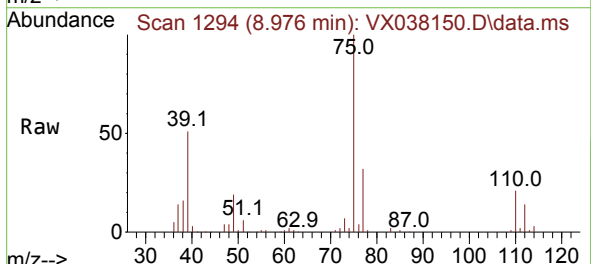
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

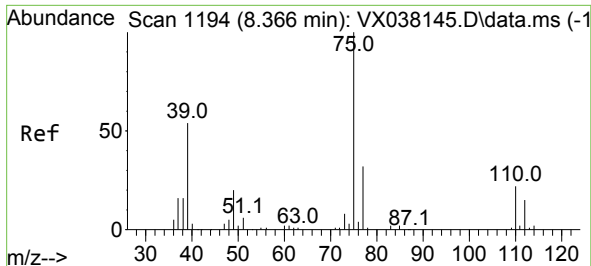
Tgt Ion: 43 Resp: 70779
Ion Ratio Lower Upper
43 100
55 25.8 18.6 28.0



#48
t-1,3-Dichloropropene
Concen: 19.185 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 75 Resp: 46606
Ion Ratio Lower Upper
75 100
77 32.3 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 19.453 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100623

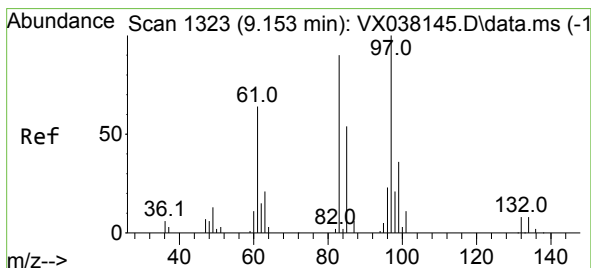
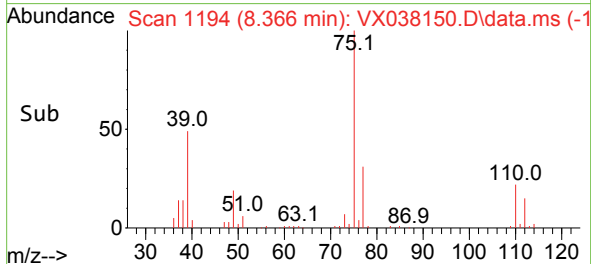
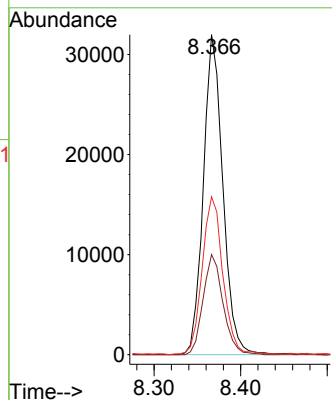
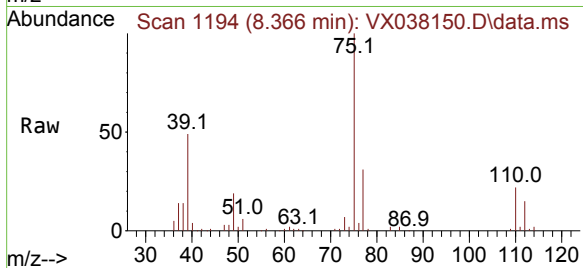
Tgt Ion: 75 Resp: 50103

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2

39 49.2 40.2 60.4



#50

1,1,2-Trichloroethane

Concen: 19.504 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Tgt Ion: 97 Resp: 36303

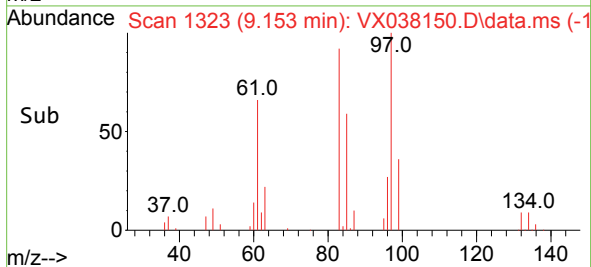
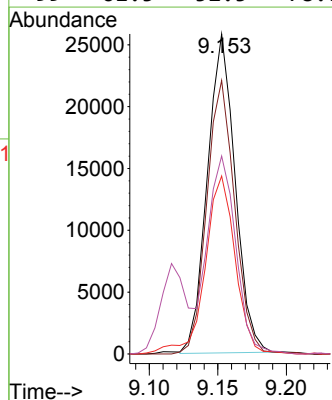
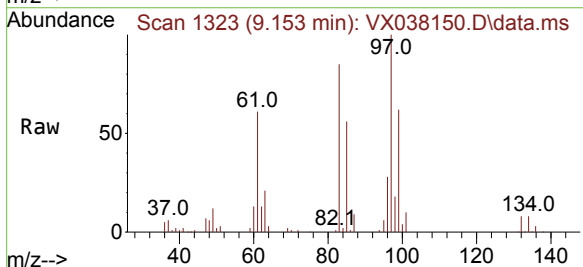
Ion Ratio Lower Upper

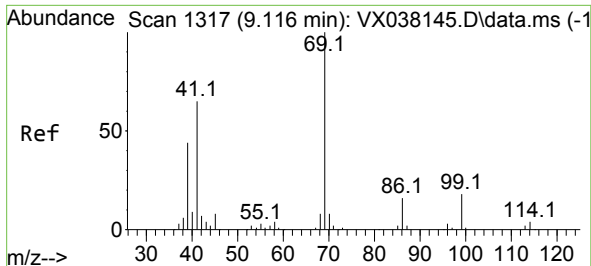
97 100

83 85.5 70.0 105.0

85 55.4 46.1 69.1

99 61.5 52.5 78.7

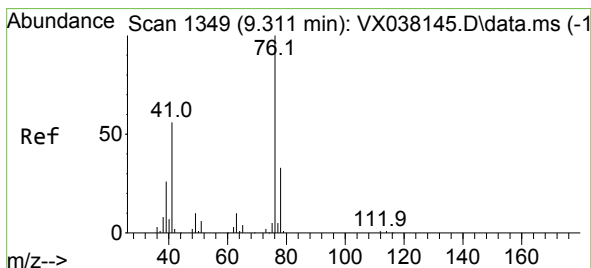
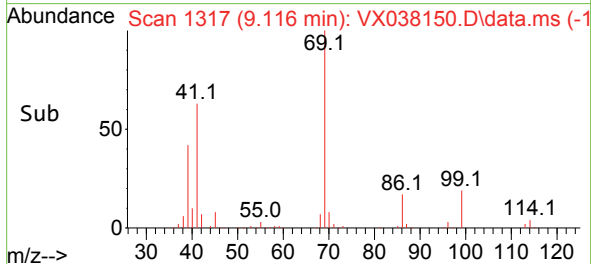
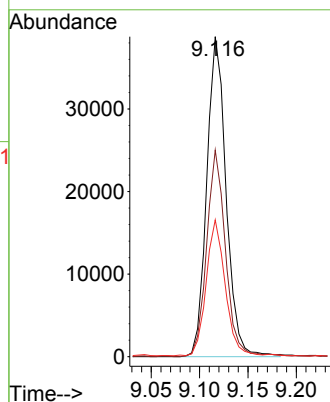
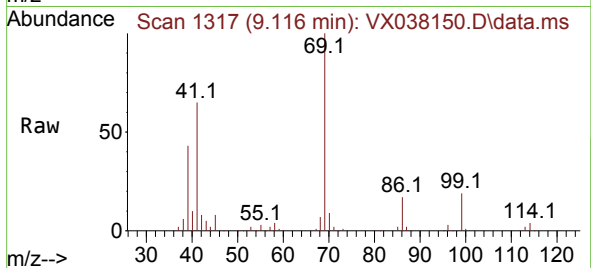




#51
Ethyl methacrylate
Concen: 19.428 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

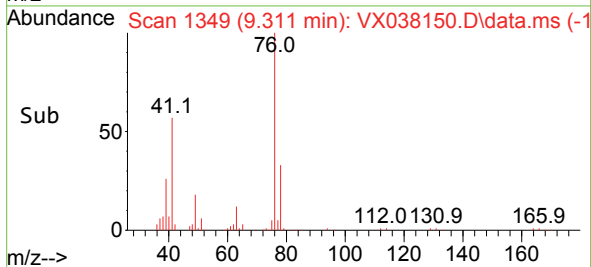
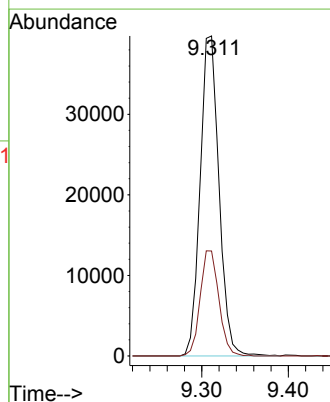
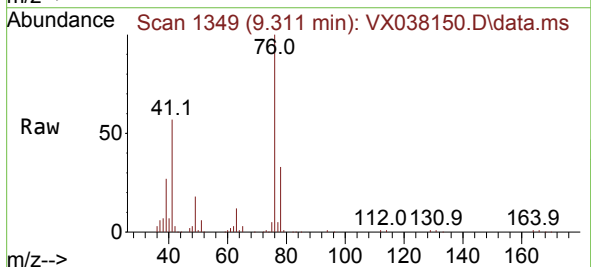
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

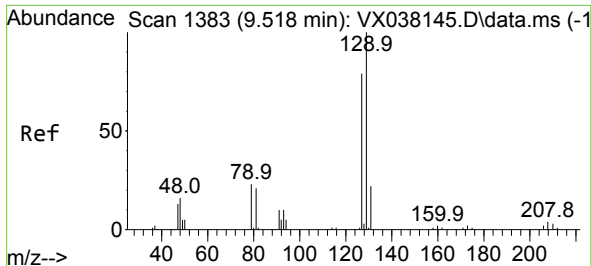
Tgt Ion: 69 Resp: 54157
Ion Ratio Lower Upper
69 100
41 64.6 32.0 96.0
39 42.4 19.4 58.4



#52
1,3-Dichloropropane
Concen: 19.868 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 76 Resp: 60137
Ion Ratio Lower Upper
76 100
78 32.5 0.0 63.6

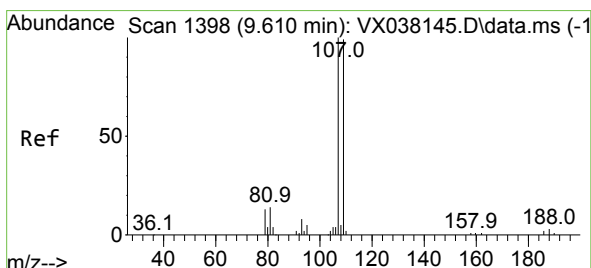
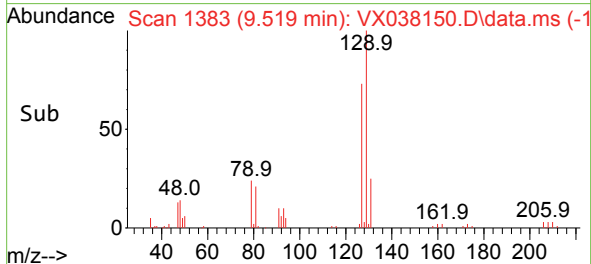
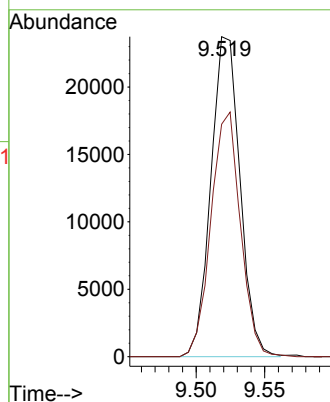
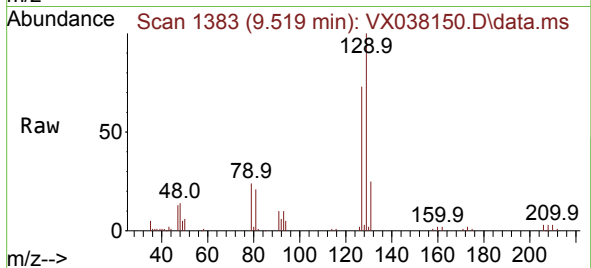




#53
Dibromochloromethane
Concen: 19.043 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

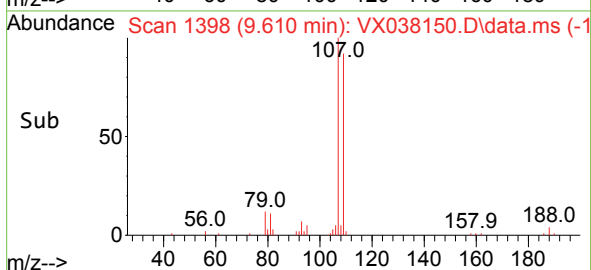
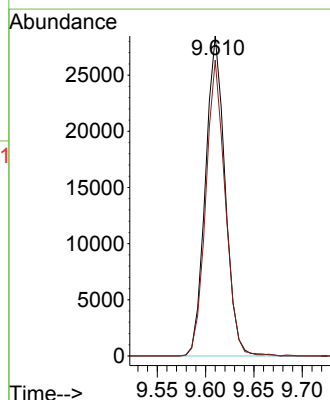
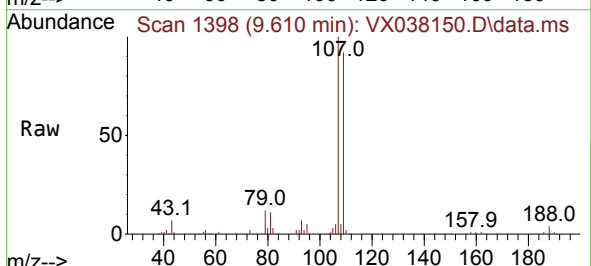
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

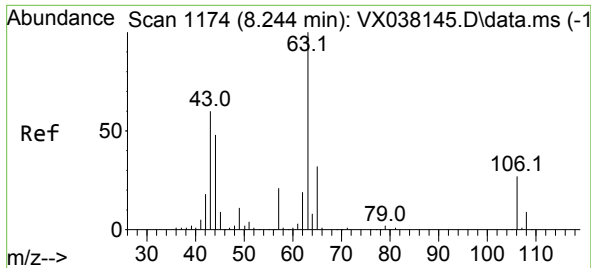
Tgt Ion:129 Resp: 35112
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8



#54
1,2-Dibromoethane
Concen: 19.804 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion:107 Resp: 40279
Ion Ratio Lower Upper
107 100
109 90.8 74.7 112.1

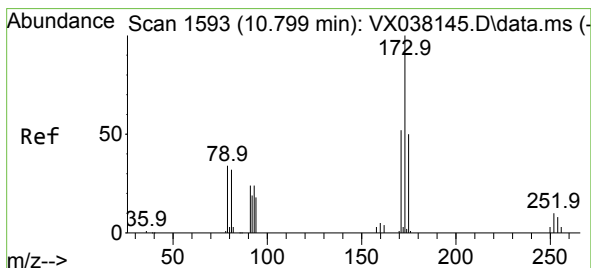
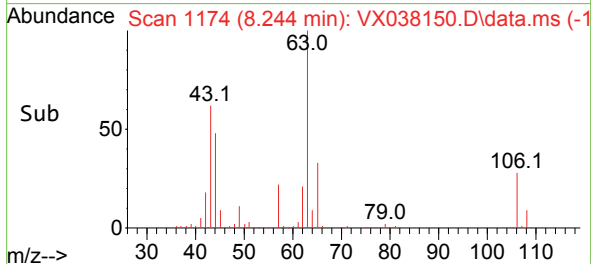
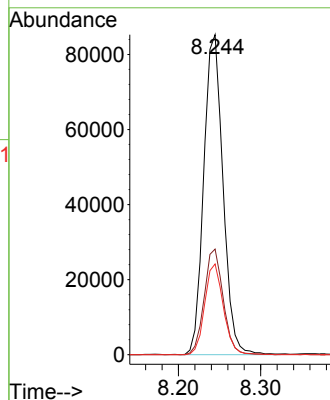
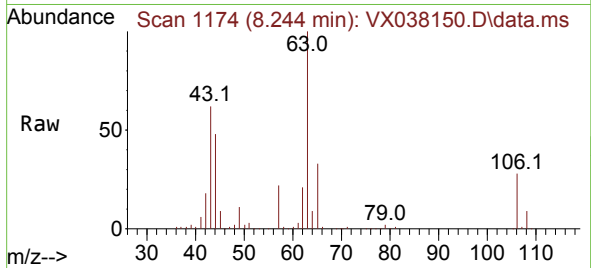




#55
2-Chloroethyl vinyl ether
Concen: 98.595 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

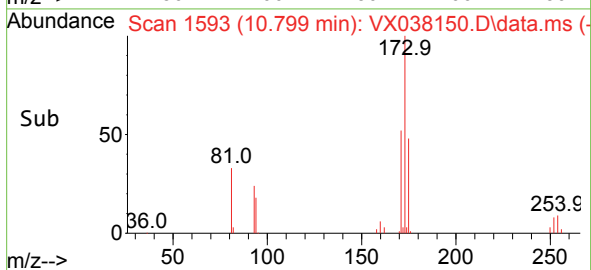
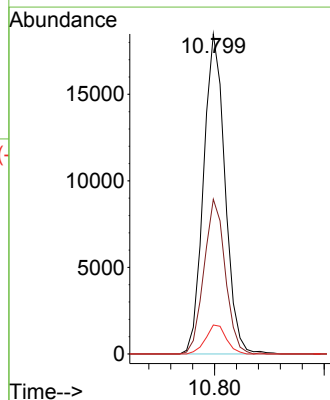
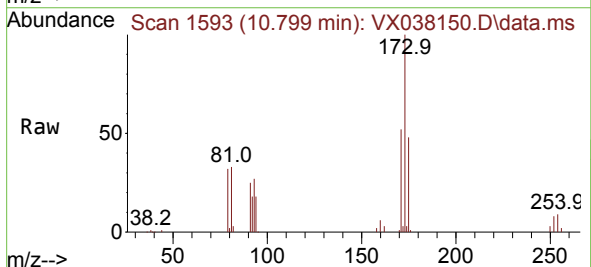
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

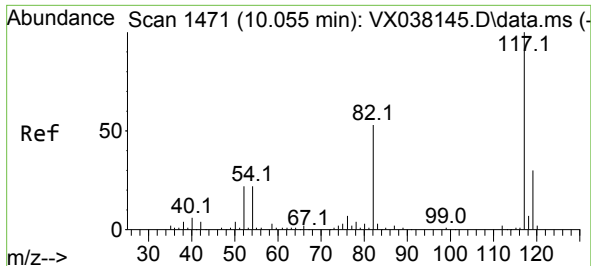
Tgt Ion: 63 Resp: 138718
Ion Ratio Lower Upper
63 100
65 32.5 25.9 38.9
106 27.5 21.8 32.8



#56
Bromoform
Concen: 18.214 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 173 Resp: 25099
Ion Ratio Lower Upper
173 100
175 47.8 38.1 57.1
254 8.8 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: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100623

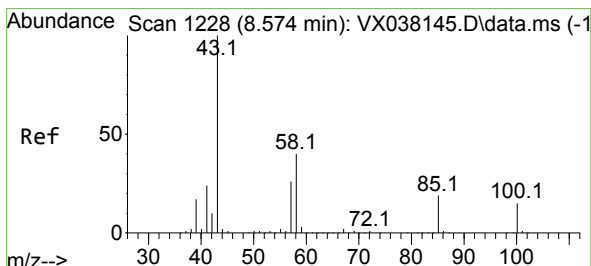
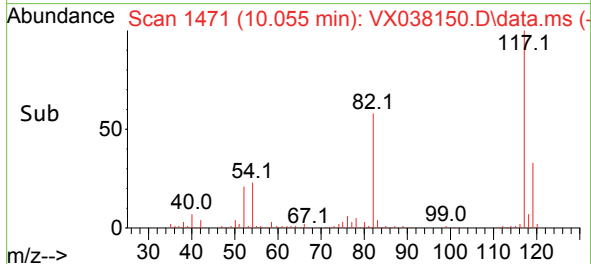
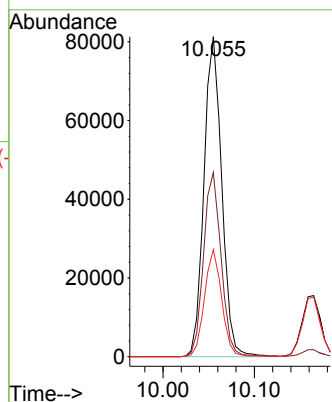
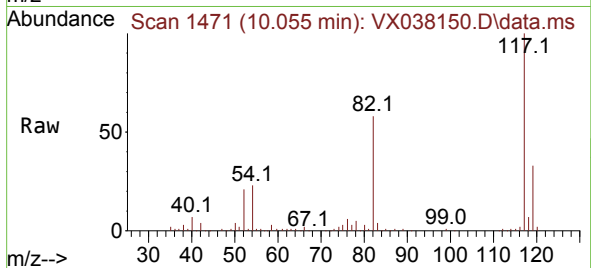
Tgt Ion:117 Resp: 109820

Ion Ratio Lower Upper

117 100

82 56.9 44.7 67.1

119 32.3 25.6 38.4



#58

4-Methyl-2-Pentanone

Concen: 107.300 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

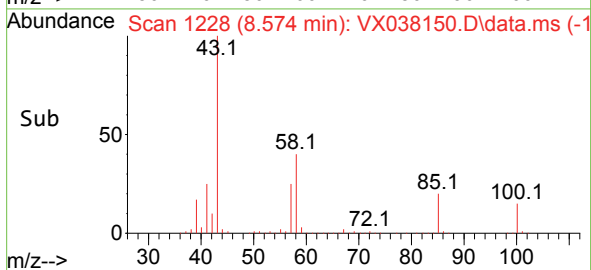
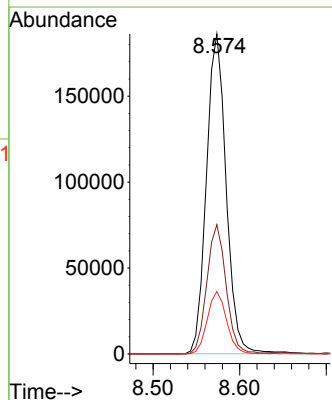
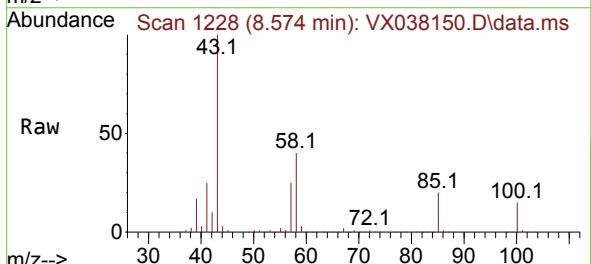
Tgt Ion: 43 Resp: 294942

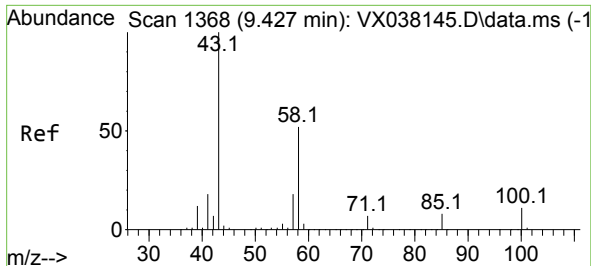
Ion Ratio Lower Upper

43 100

58 39.5 30.9 46.3

85 19.1 14.4 21.6

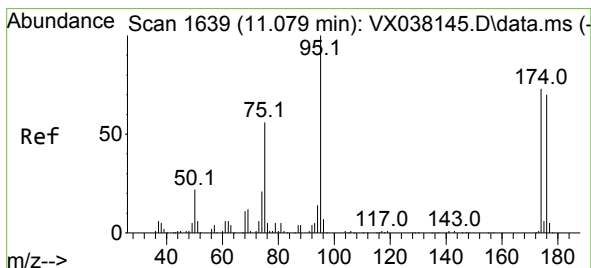
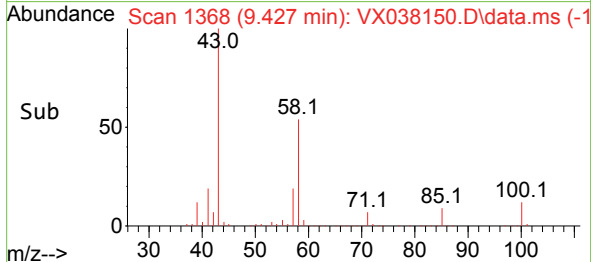
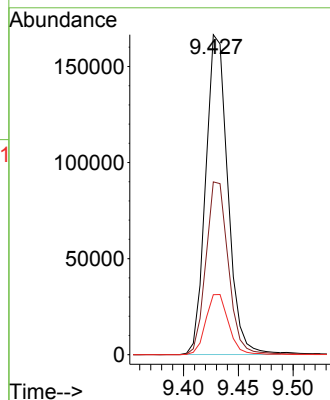
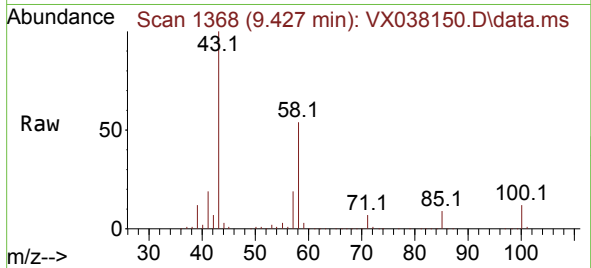




#59
2-Hexanone
Concen: 105.933 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

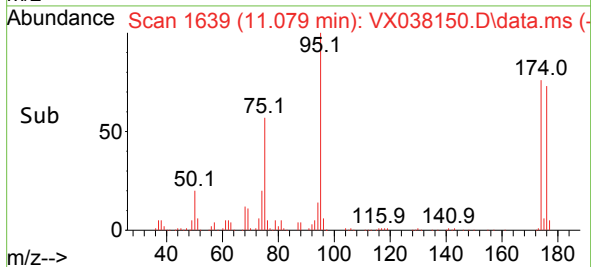
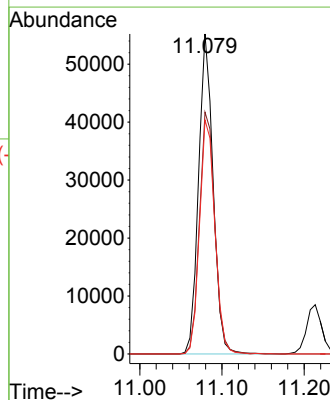
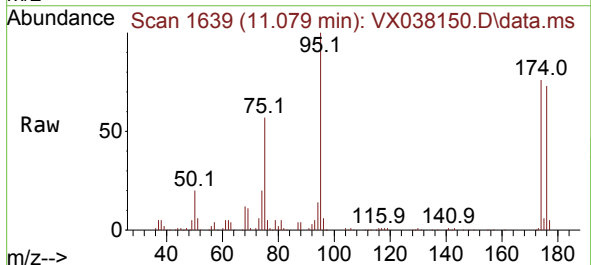
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

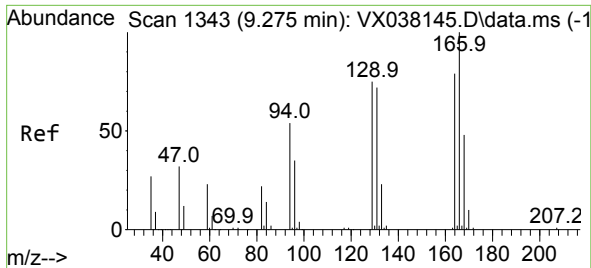
Tgt Ion: 43 Resp: 234108
Ion Ratio Lower Upper
43 100
58 54.7 43.4 65.2
57 19.3 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 29.708 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 95 Resp: 67964
Ion Ratio Lower Upper
95 100
174 79.7 60.5 90.7
176 76.8 58.2 87.4

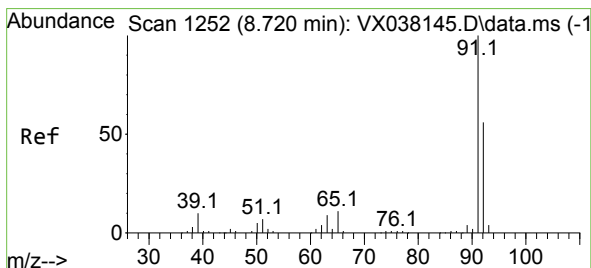
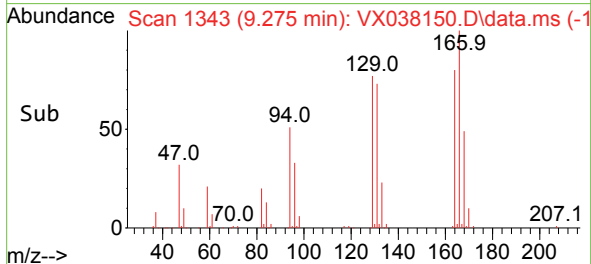
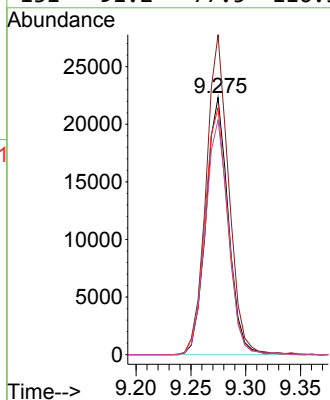
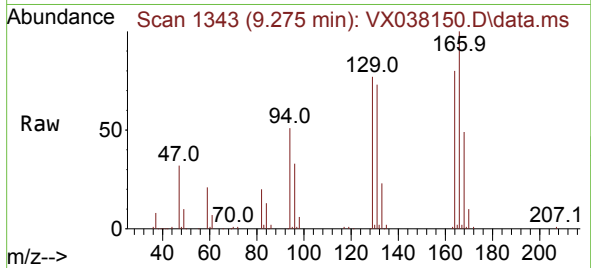




#61
Tetrachloroethene
Concen: 21.101 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

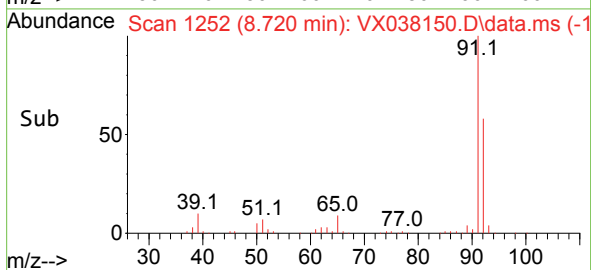
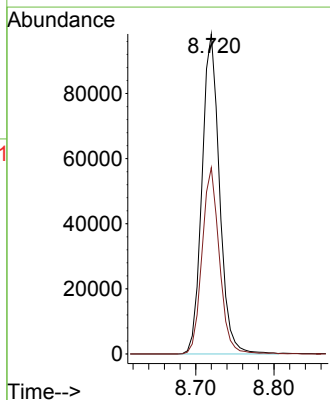
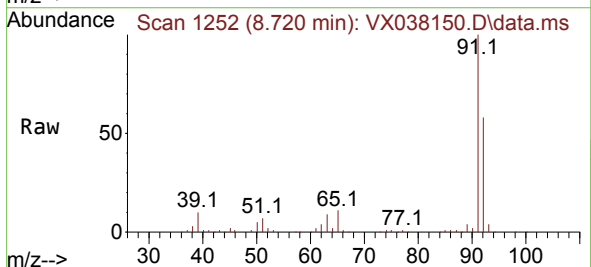
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

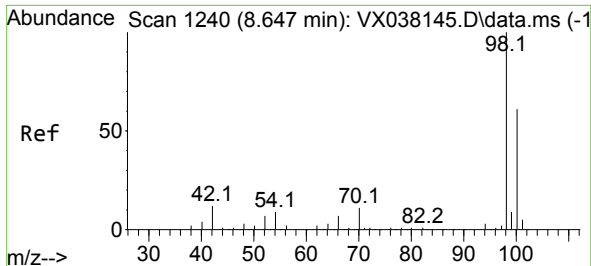
Tgt Ion:164 Resp: 31663
Ion Ratio Lower Upper
164 100
166 124.2 104.5 156.7
129 95.9 78.0 117.0
131 91.2 77.5 116.3



#62
Toluene
Concen: 20.808 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 91 Resp: 152251
Ion Ratio Lower Upper
91 100
92 57.4 44.9 67.3

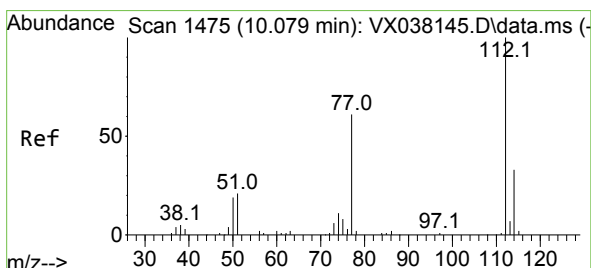
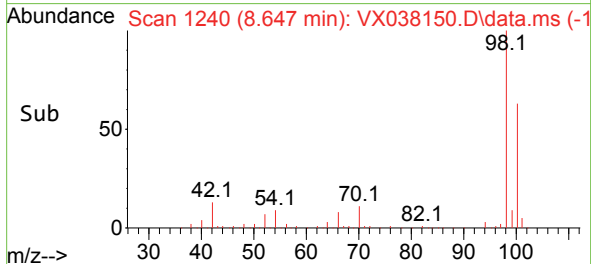
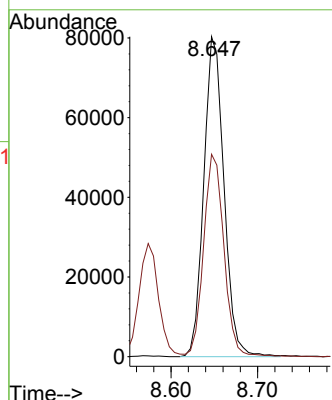
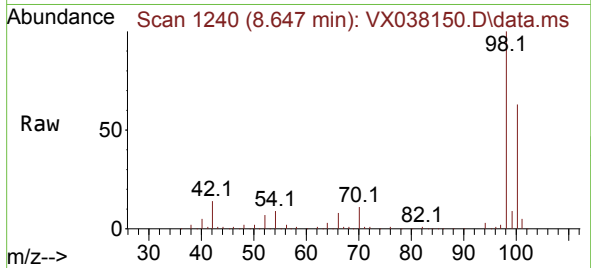




#63
Toluene-d8
Concen: 30.579 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

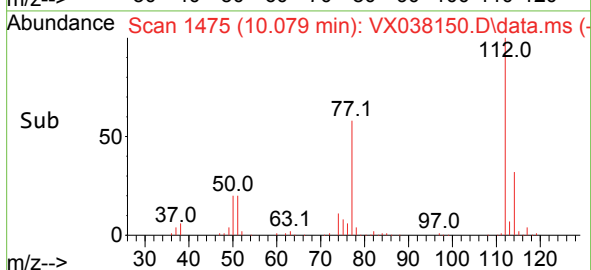
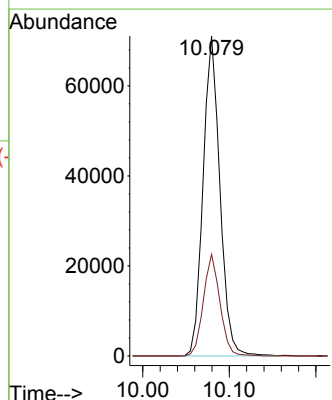
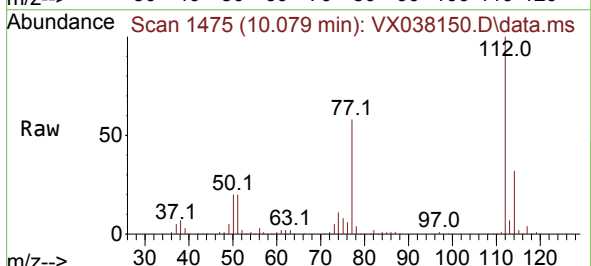
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

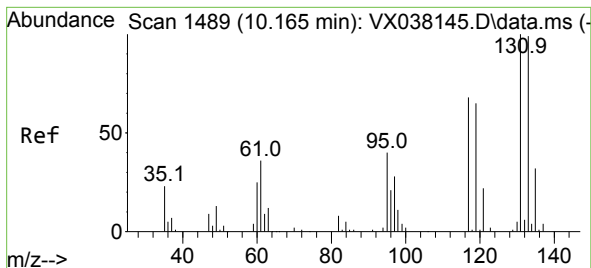
Tgt Ion: 98 Resp: 130041
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4



#64
Chlorobenzene
Concen: 20.934 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 112 Resp: 95920
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6

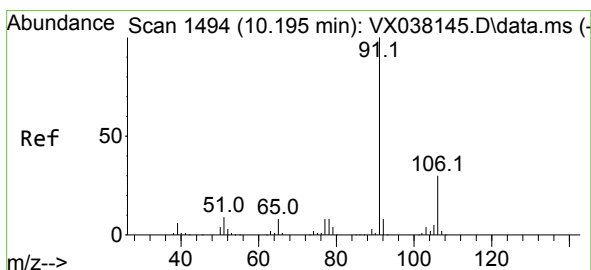
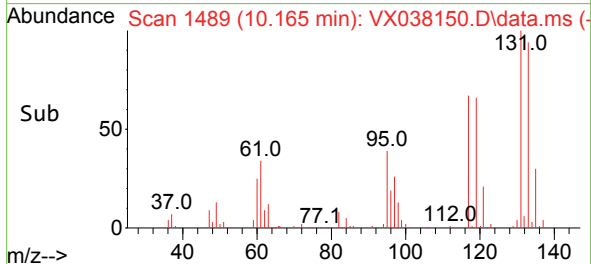
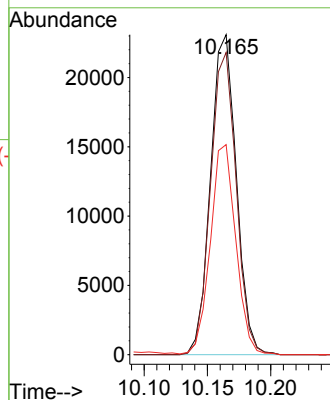
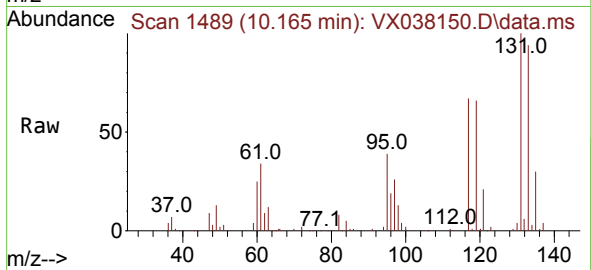




#65
1,1,1,2-Tetrachloroethane
Concen: 20.507 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

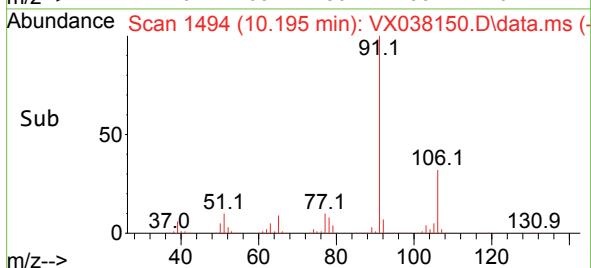
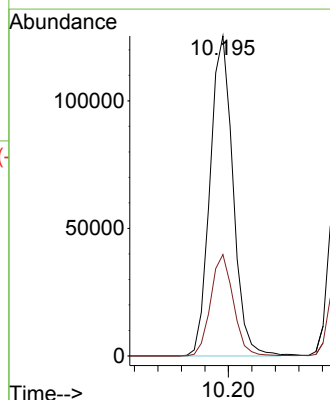
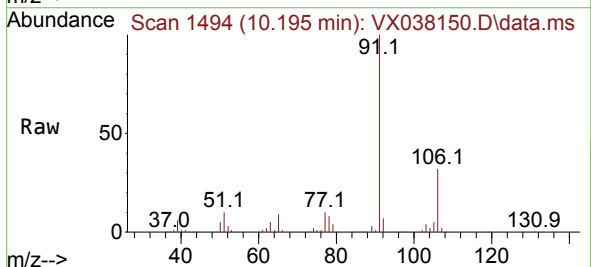
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

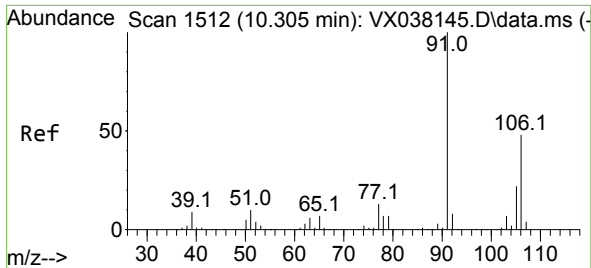
Tgt Ion:131 Resp: 32755
Ion Ratio Lower Upper
131 100
133 93.9 0.0 192.0
119 64.8 0.0 132.8



#66
Ethyl Benzene
Concen: 20.482 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 91 Resp: 169940
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.4

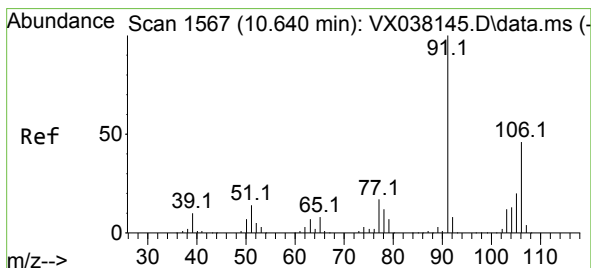
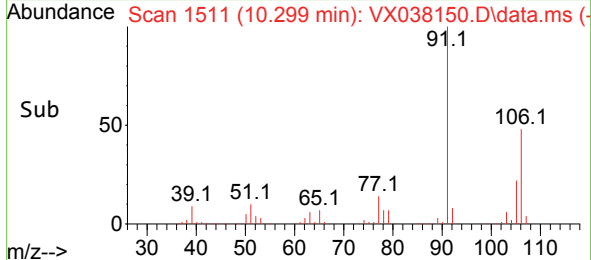
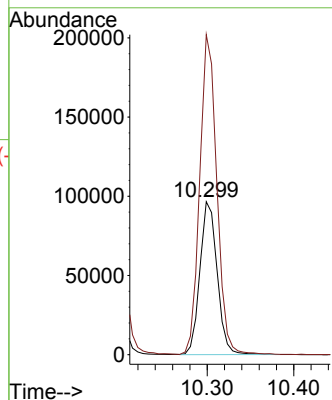
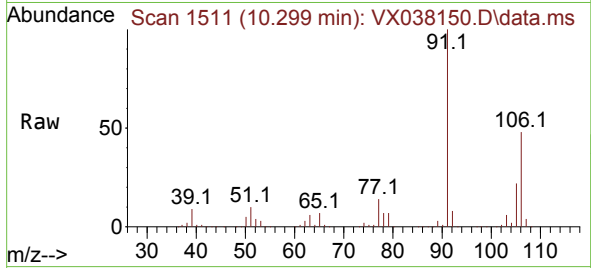




#67
m/p-Xylenes
Concen: 41.473 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

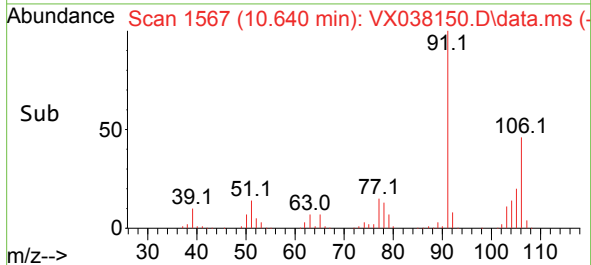
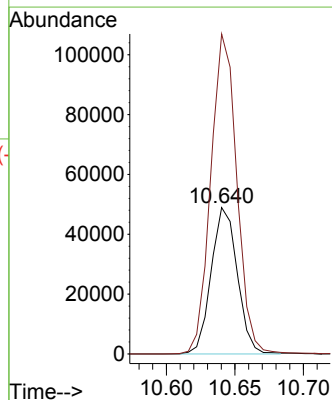
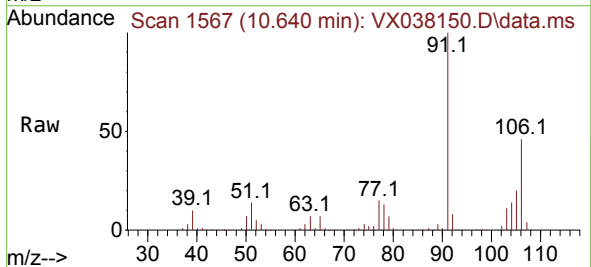
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

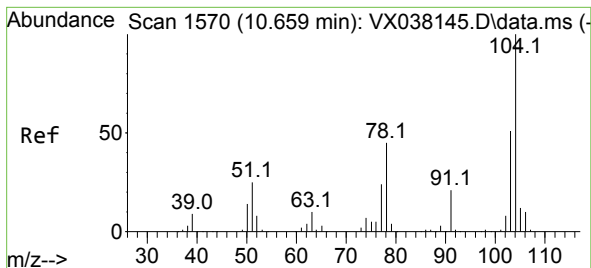
Tgt Ion:106 Resp: 133494
Ion Ratio Lower Upper
106 100
91 207.4 160.5 240.7



#68
o-Xylene
Concen: 20.777 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion:106 Resp: 64889
Ion Ratio Lower Upper
106 100
91 218.6 105.4 316.1





#69

Styrene

Concen: 20.907 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100623

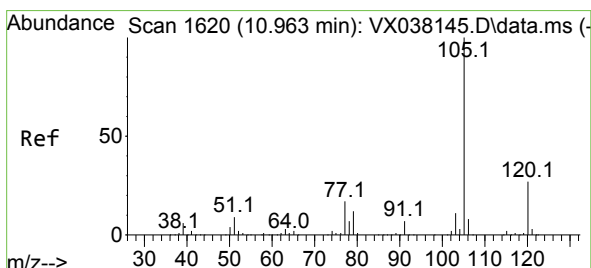
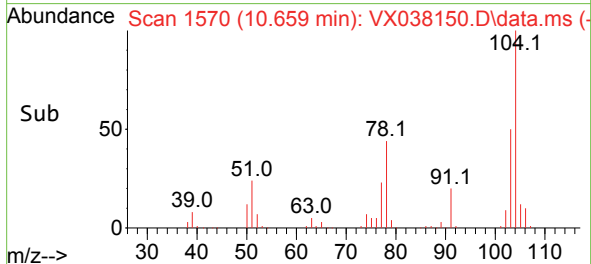
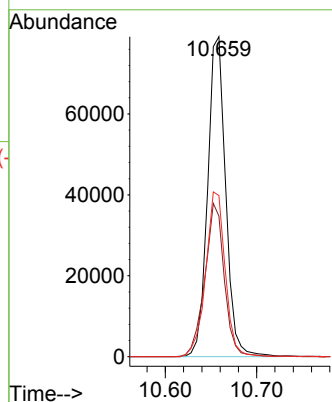
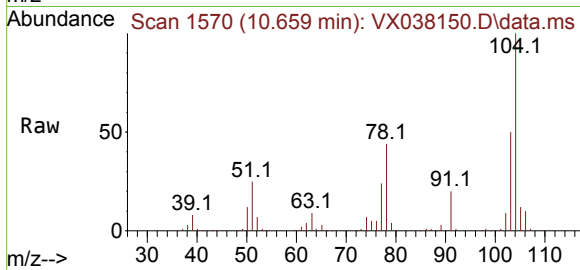
Tgt Ion:104 Resp: 108501

Ion Ratio Lower Upper

104 100

78 51.7 41.0 61.4

103 55.6 45.5 68.3



#70

Isopropylbenzene

Concen: 20.532 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038150.D

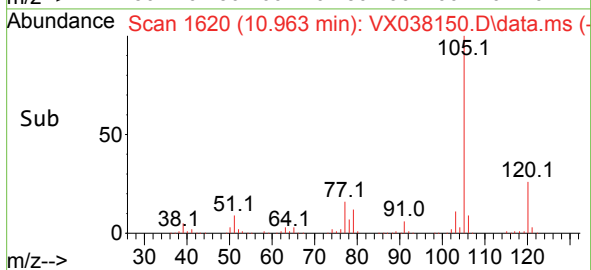
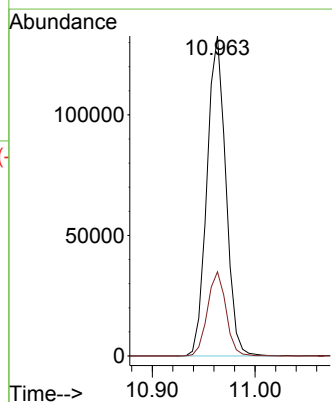
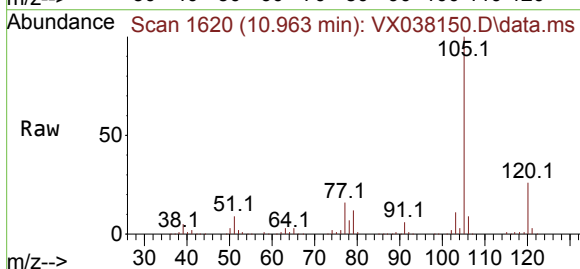
Acq: 07 Oct 2023 01:01

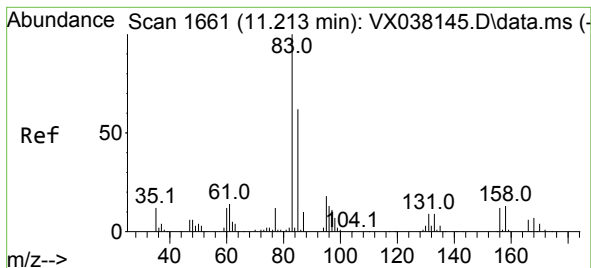
Tgt Ion:105 Resp: 169113

Ion Ratio Lower Upper

105 100

120 25.9 19.5 36.3

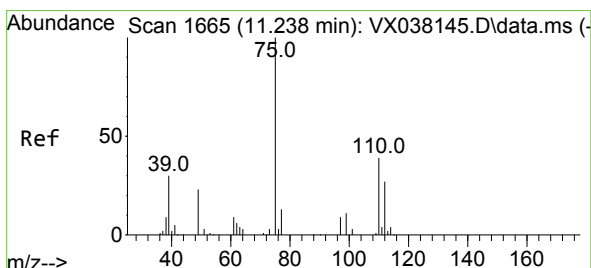
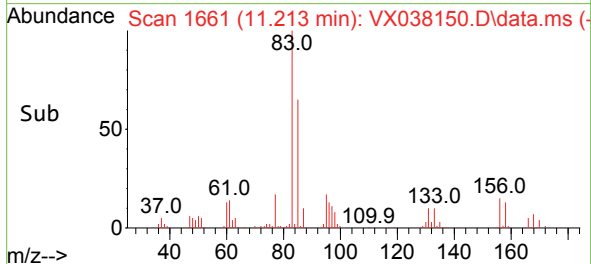
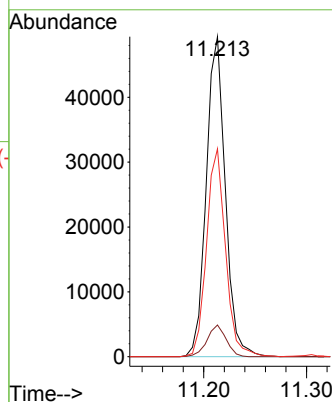
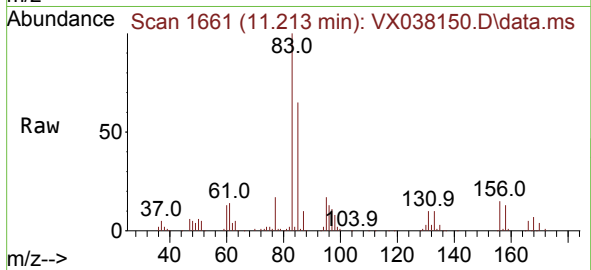




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.948 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX038150.D
 Acq: 07 Oct 2023 01:01

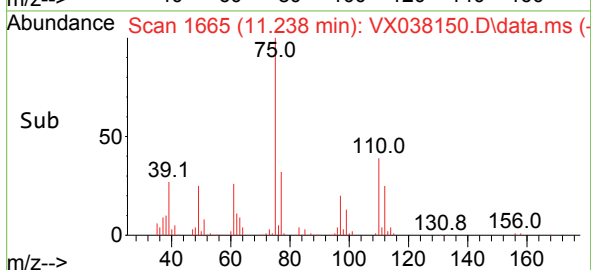
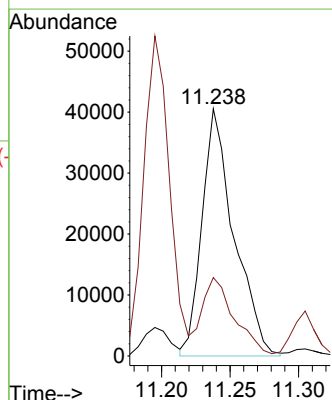
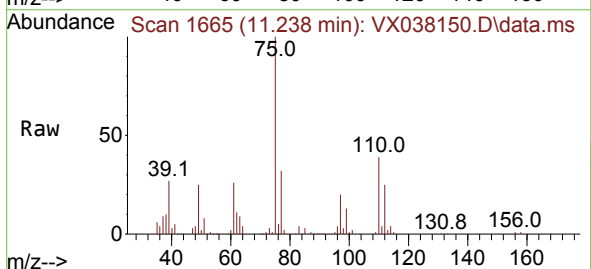
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100623

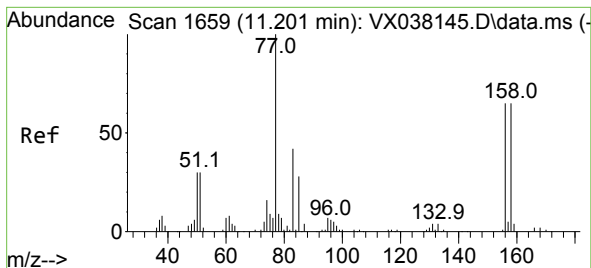
Tgt Ion: 83 Resp: 63596
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.3 15.8
 85 64.7 32.4 97.0



#72
 1,2,3-Trichloropropane
 Concen: 23.894 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX038150.D
 Acq: 07 Oct 2023 01:01

Tgt Ion: 75 Resp: 65971
 Ion Ratio Lower Upper
 75 100
 77 32.4 0.0 77.2





#73

Bromobenzene

Concen: 20.288 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA_X

ClientSampleId :

ICVX100623

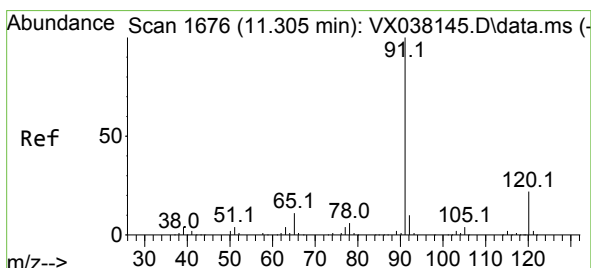
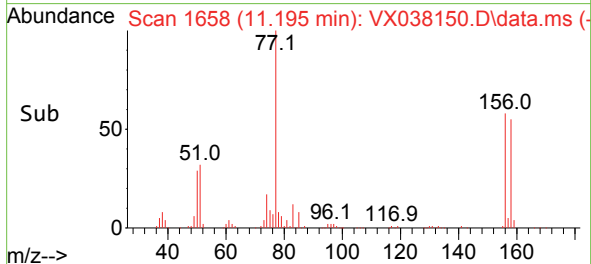
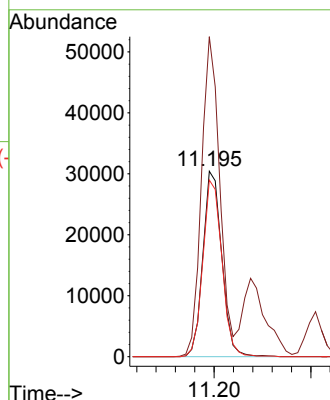
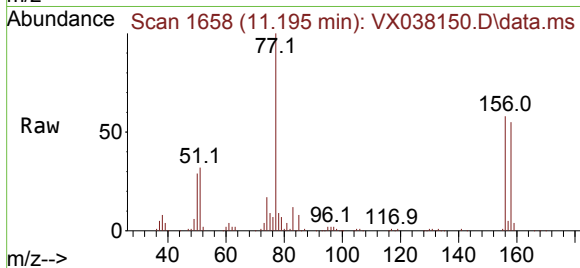
Tgt Ion:156 Resp: 41378

Ion Ratio Lower Upper

156 100

77 166.7 0.0 333.0

158 95.7 0.0 196.4



#74

n-propylbenzene

Concen: 20.721 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038150.D

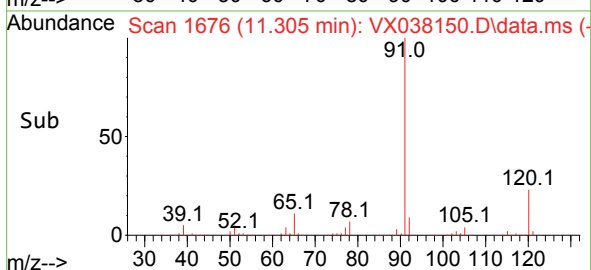
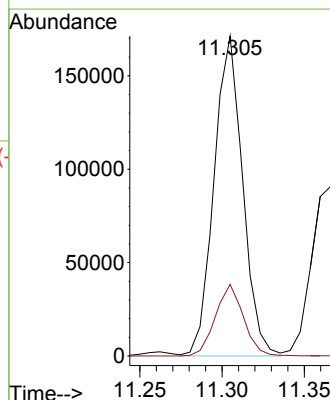
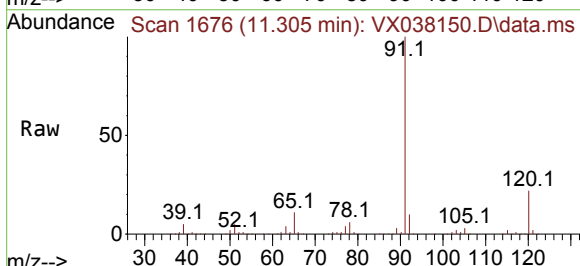
Acq: 07 Oct 2023 01:01

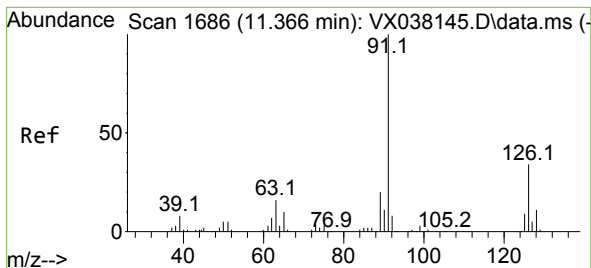
Tgt Ion: 91 Resp: 207398

Ion Ratio Lower Upper

91 100

120 21.9 0.0 46.6





#75

2-Chlorotoluene

Concen: 20.632 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA_X

ClientSampleId :

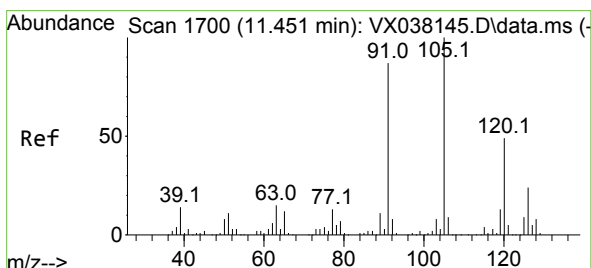
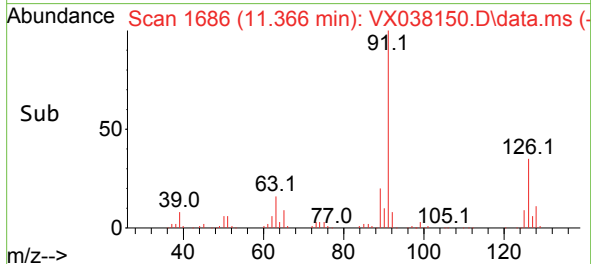
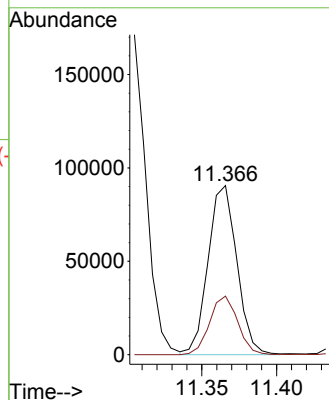
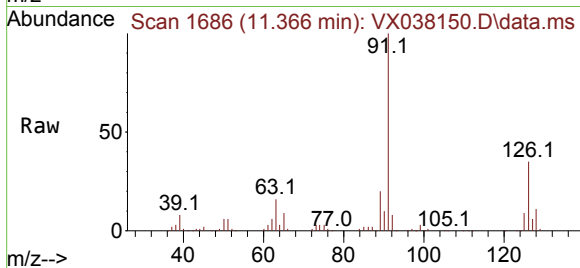
ICVVX100623

Tgt Ion: 91 Resp: 121344

Ion Ratio Lower Upper

91 100

126 33.8 0.0 66.2



#76

1,3,5-Trimethylbenzene

Concen: 20.565 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038150.D

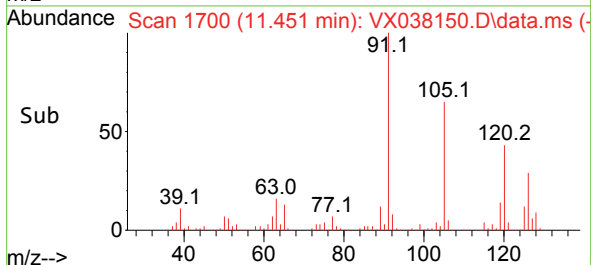
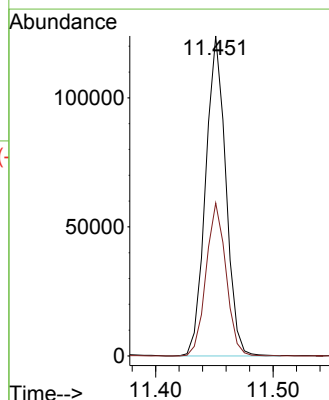
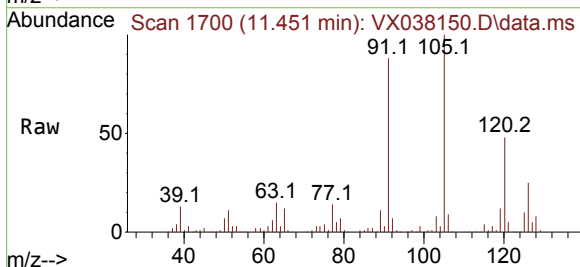
Acq: 07 Oct 2023 01:01

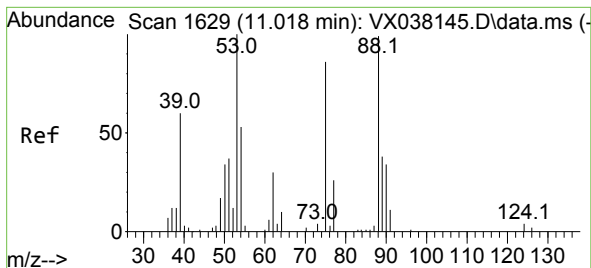
Tgt Ion: 105 Resp: 148021

Ion Ratio Lower Upper

105 100

120 47.2 0.0 96.4

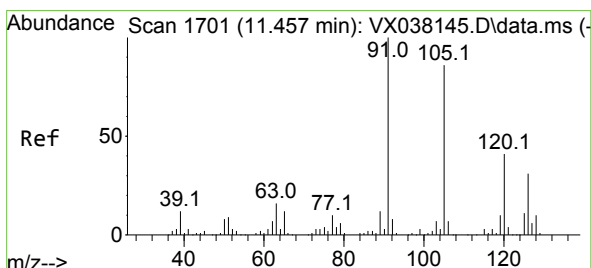
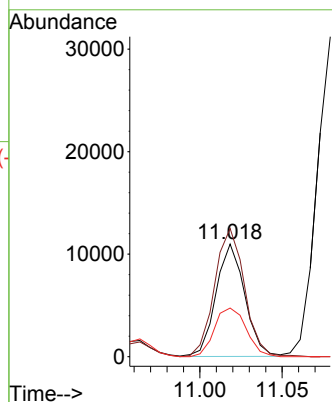
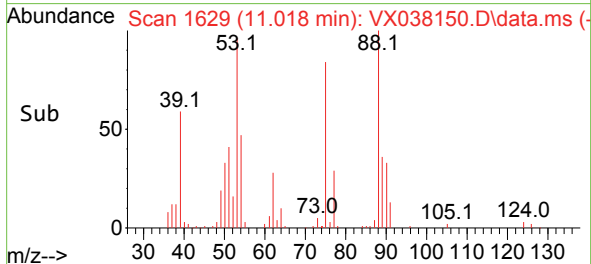
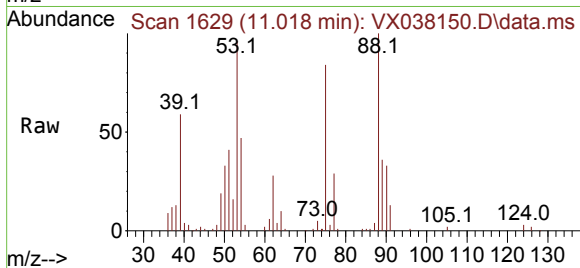




#77
t-1,4-Dichloro-2-butene
Concen: 17.780 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

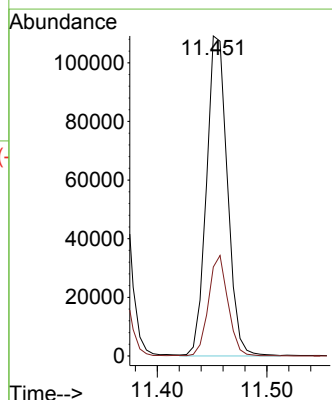
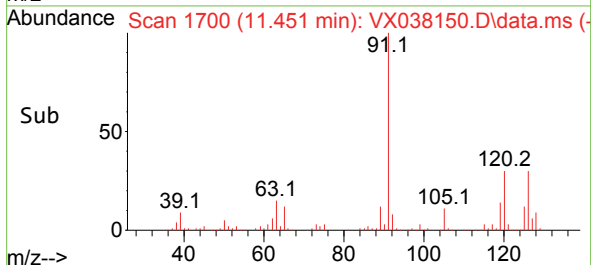
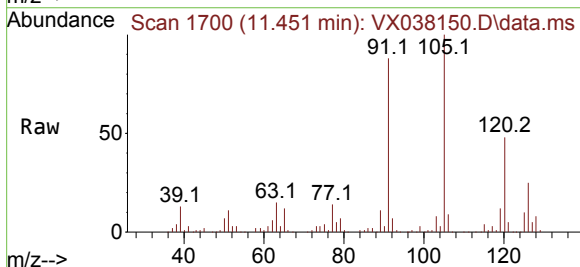
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

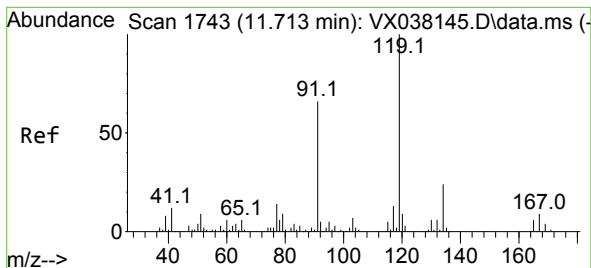
Tgt Ion: 75 Resp: 13363
Ion Ratio Lower Upper
75 100
53 114.5 53.9 161.7
89 43.5 22.1 66.1



#78
4-Chlorotoluene
Concen: 20.724 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion: 91 Resp: 144944
Ion Ratio Lower Upper
91 100
126 28.9 0.0 59.4





#79

tert-butylbenzene

Concen: 20.622 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA_X

ClientSampleId :

ICVX100623

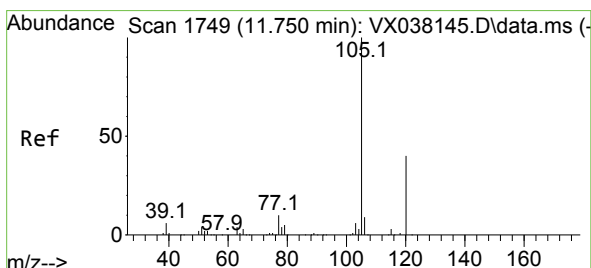
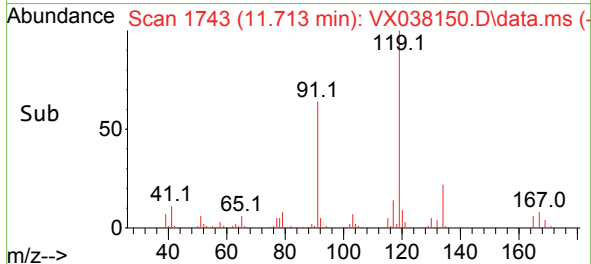
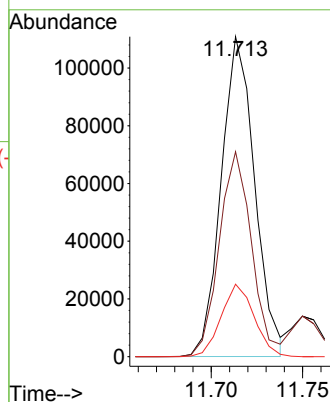
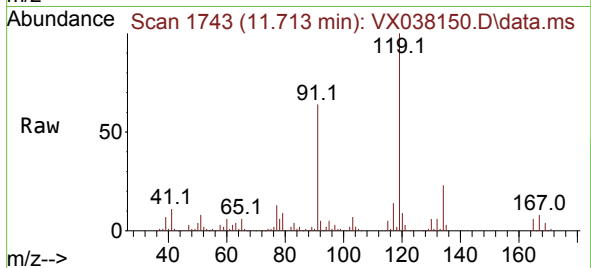
Tgt Ion:119 Resp: 140999

Ion Ratio Lower Upper

119 100

91 61.9 0.0 124.4

134 22.4 0.0 47.2



#80

1,2,4-Trimethylbenzene

Concen: 21.082 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038150.D

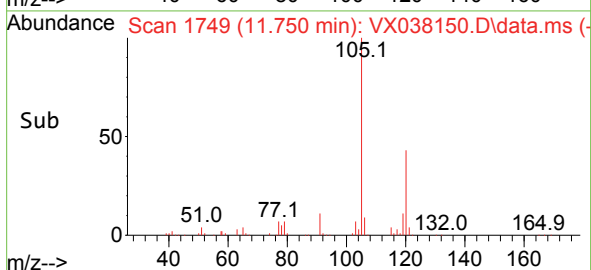
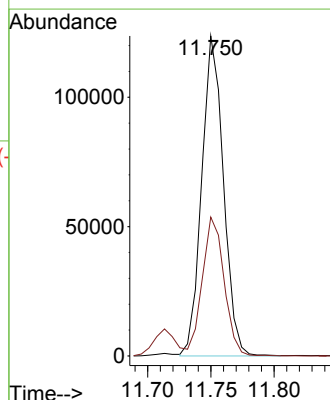
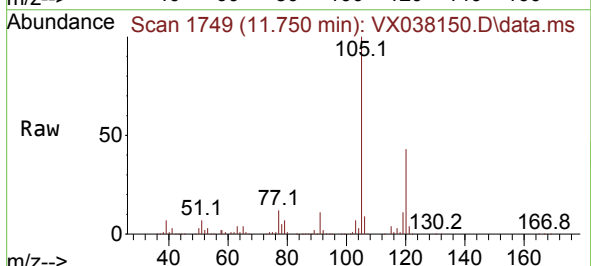
Acq: 07 Oct 2023 01:01

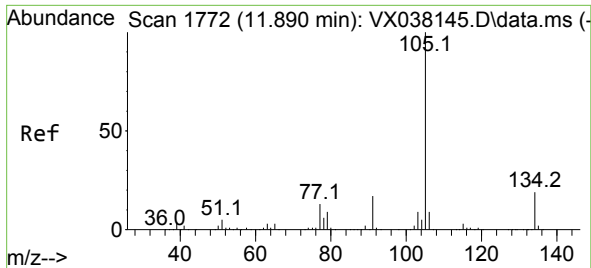
Tgt Ion:105 Resp: 148155

Ion Ratio Lower Upper

105 100

120 43.3 0.0 90.2

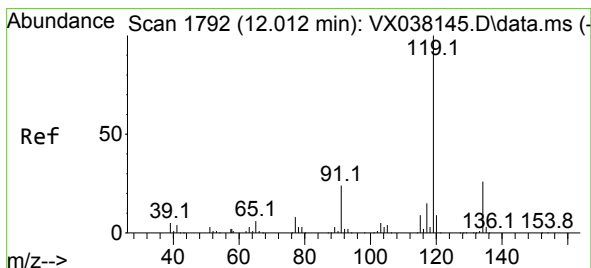
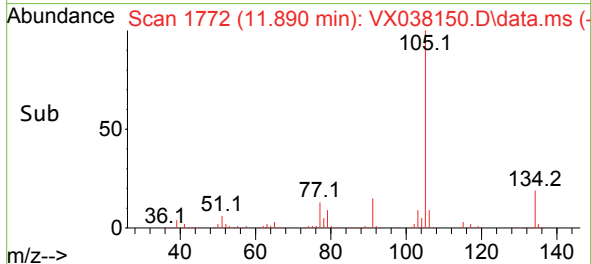
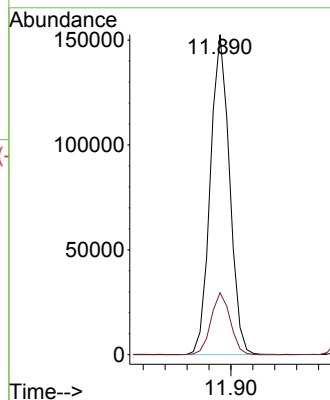
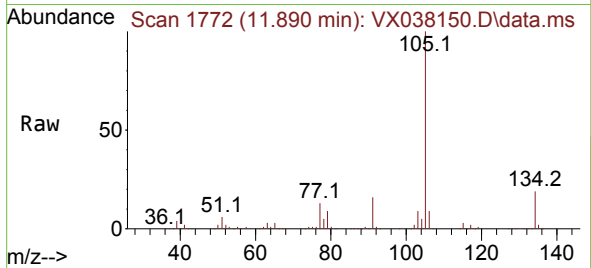




#81
 sec-Butylbenzene
 Concen: 20.759 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038150.D
 Acq: 07 Oct 2023 01:01

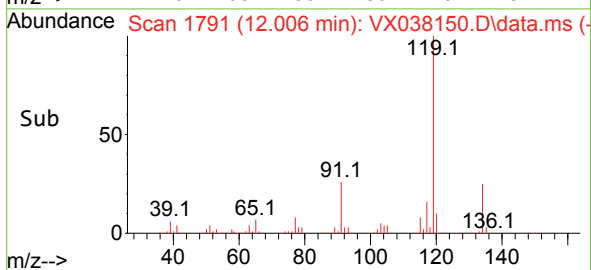
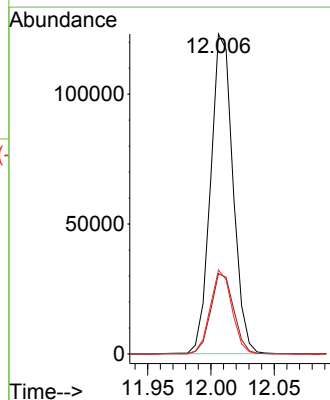
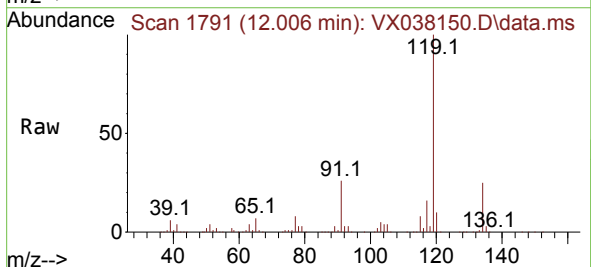
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100623

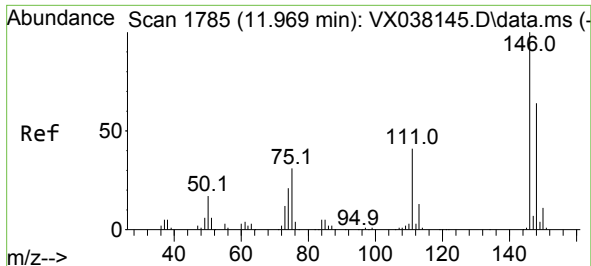
Tgt Ion:105 Resp: 185684
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 20.428 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX038150.D
 Acq: 07 Oct 2023 01:01

Tgt Ion:119 Resp: 151049
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 53.2
 91 25.6 0.0 49.4

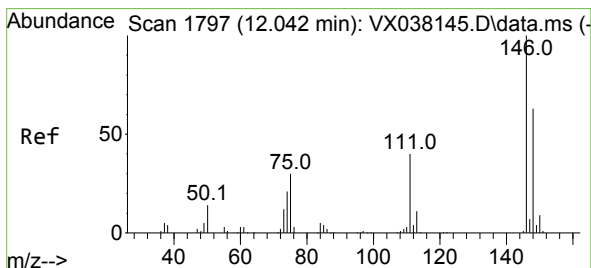
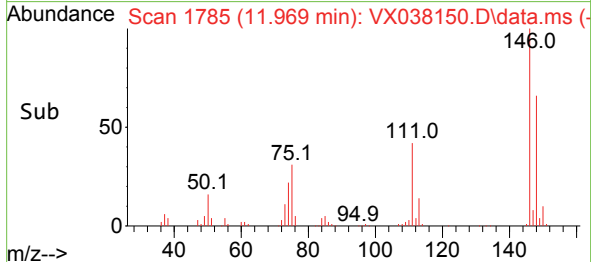
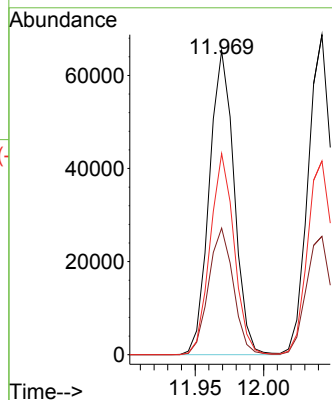
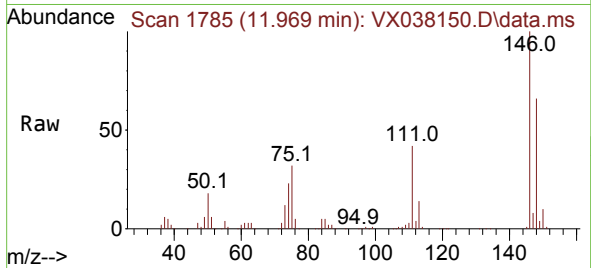




#83
1,3-Dichlorobenzene
Concen: 20.686 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

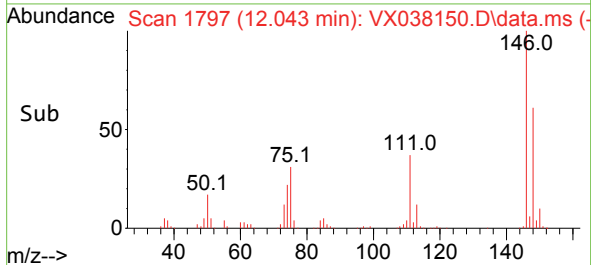
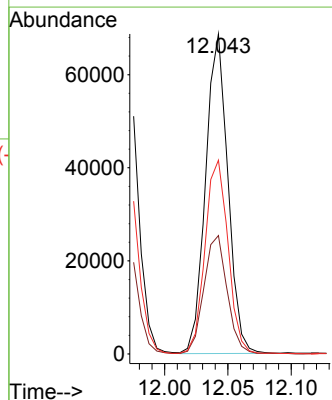
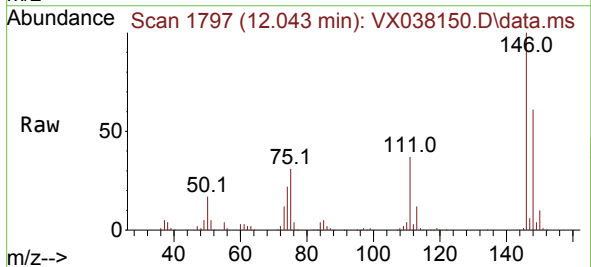
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

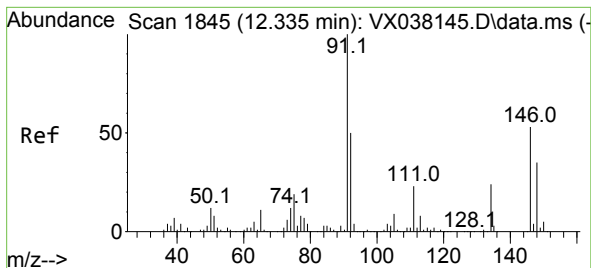
Tgt Ion:146 Resp: 82279
Ion Ratio Lower Upper
146 100
111 41.2 20.4 61.2
148 64.0 31.6 94.8



#84
1,4-Dichlorobenzene
Concen: 20.774 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion:146 Resp: 84133
Ion Ratio Lower Upper
146 100
111 38.4 20.2 60.6
148 62.9 32.1 96.3





#85

n-Butylbenzene

Concen: 20.134 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100623

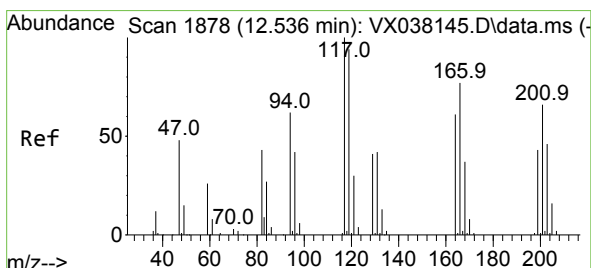
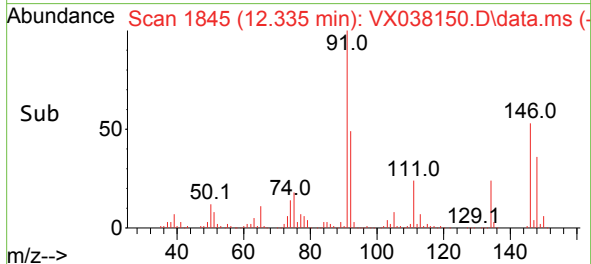
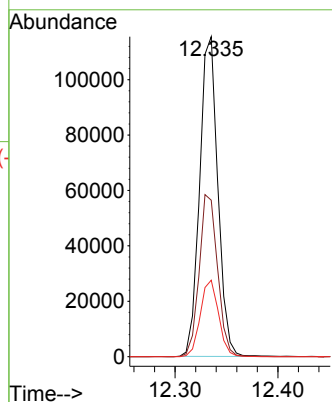
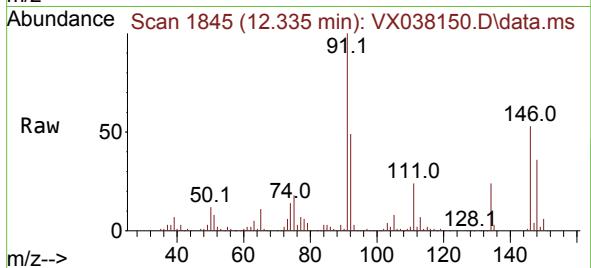
Tgt Ion: 91 Resp: 142055

Ion Ratio Lower Upper

91 100

92 51.2 0.0 105.2

134 24.1 0.0 51.4



#86

Hexachloroethane

Concen: 19.441 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038150.D

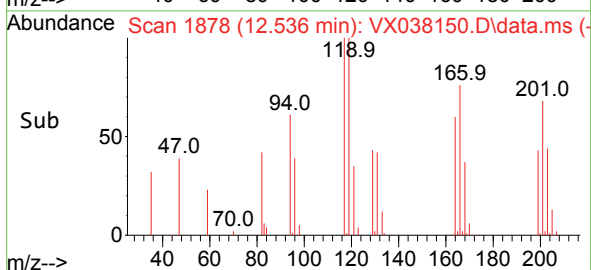
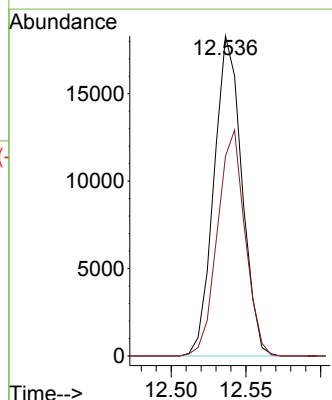
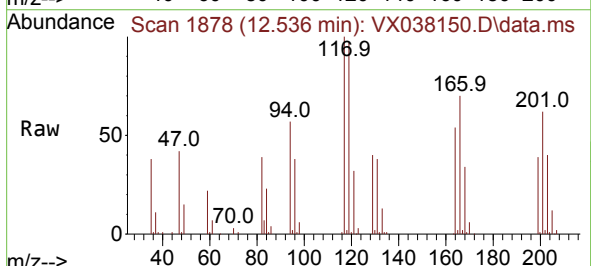
Acq: 07 Oct 2023 01:01

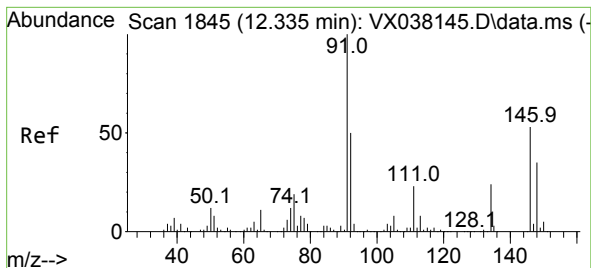
Tgt Ion: 117 Resp: 23764

Ion Ratio Lower Upper

117 100

201 69.8 36.0 108.0





#87

1,2-Dichlorobenzene

Concen: 20.541 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100623

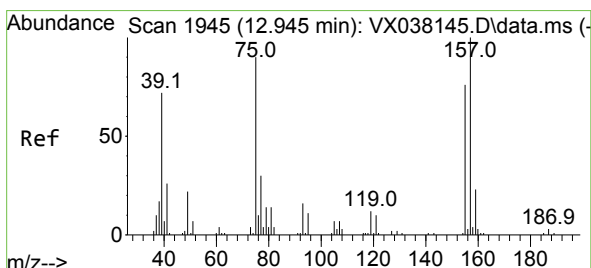
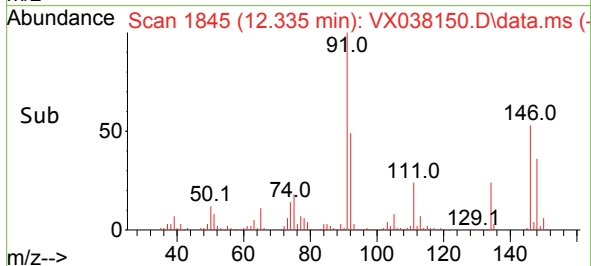
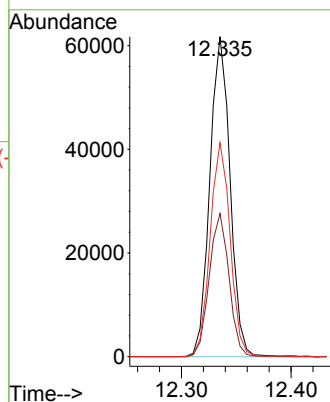
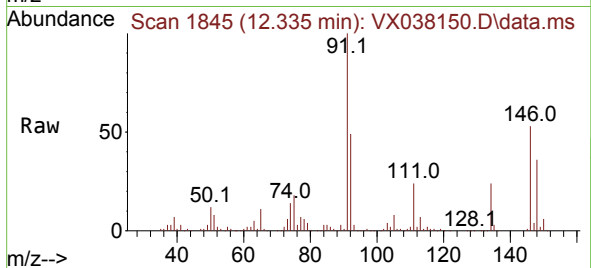
Tgt Ion:146 Resp: 79193

Ion Ratio Lower Upper

146 100

111 43.7 21.4 64.3

148 66.0 33.2 99.6



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.753 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

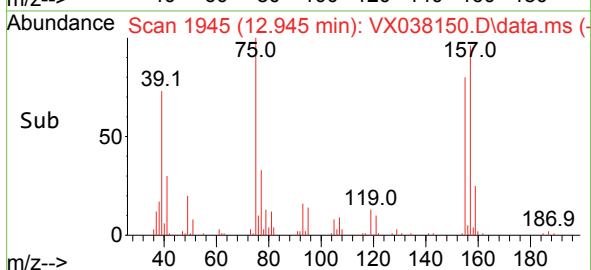
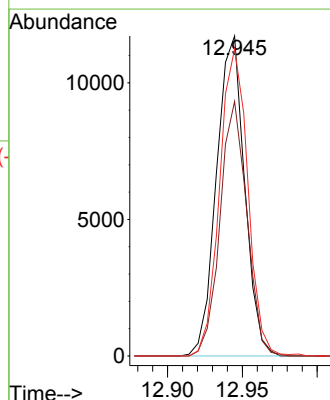
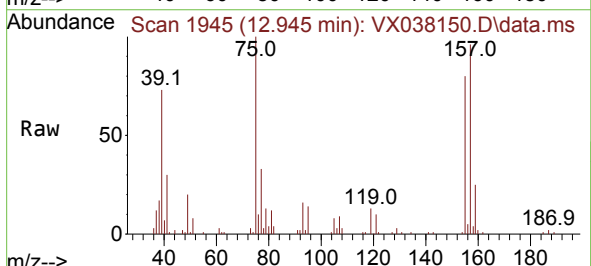
Tgt Ion: 75 Resp: 15294

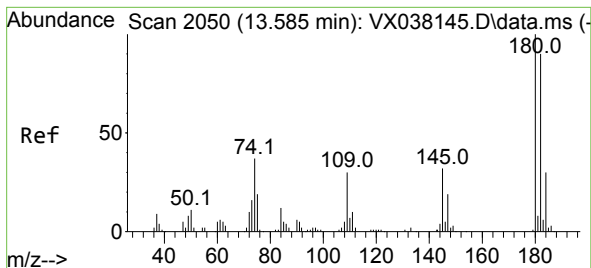
Ion Ratio Lower Upper

75 100

155 75.7 62.7 94.1

157 96.2 81.5 122.3





#89

1,2,4-Trichlorobenzene

Concen: 20.757 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038150.D

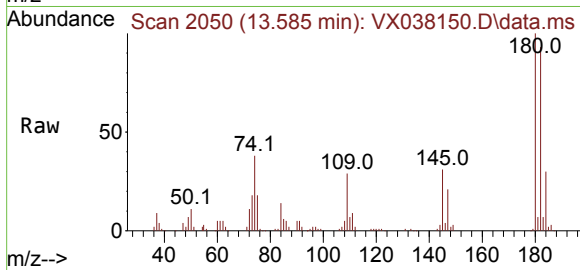
Acq: 07 Oct 2023 01:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100623



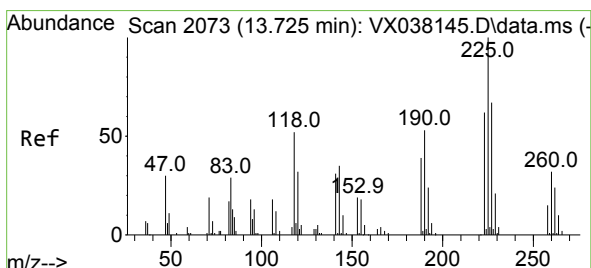
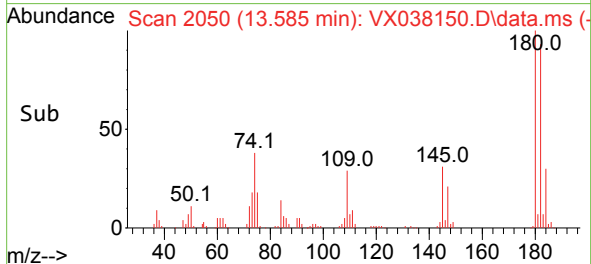
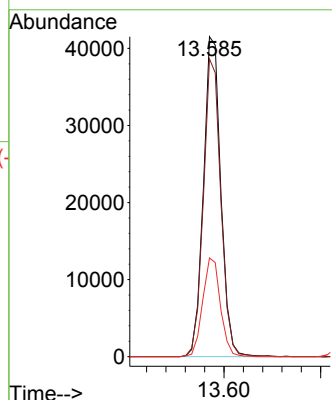
Tgt Ion:180 Resp: 51953

Ion Ratio Lower Upper

180 100

182 93.2 75.6 113.4

145 31.5 25.4 38.2



#90

Hexachlorobutadiene

Concen: 19.188 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038150.D

Acq: 07 Oct 2023 01:01

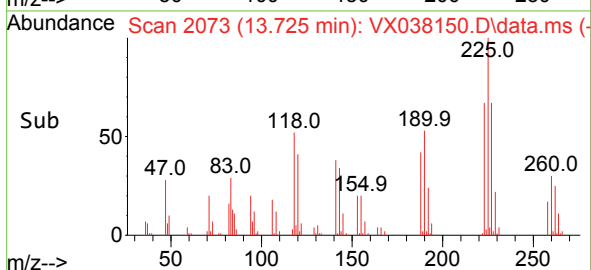
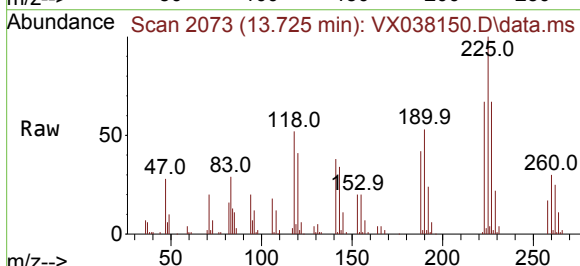
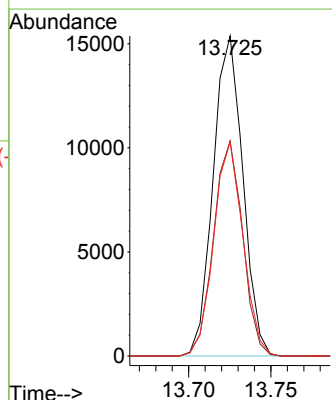
Tgt Ion:225 Resp: 19318

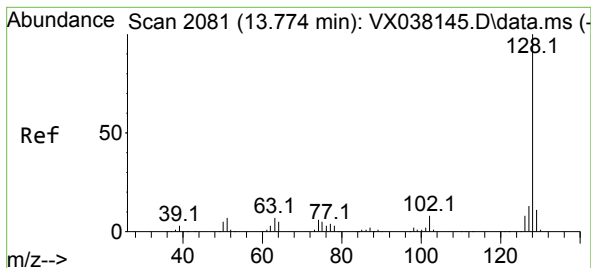
Ion Ratio Lower Upper

225 100

223 65.7 0.0 124.2

227 65.6 0.0 120.4

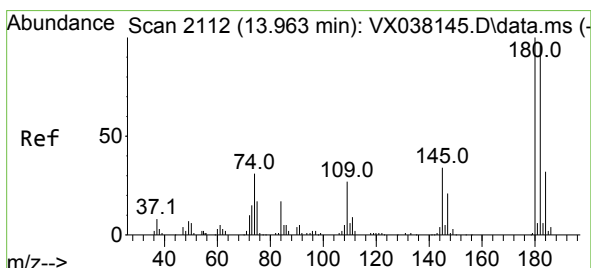
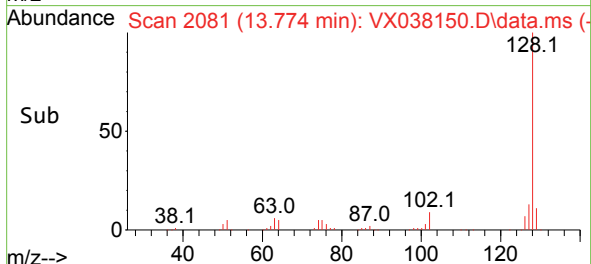
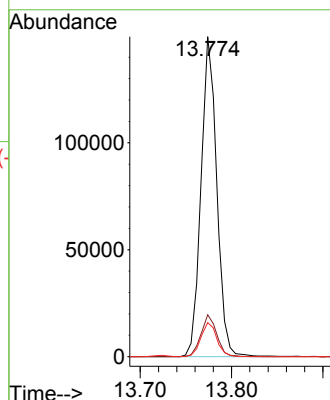
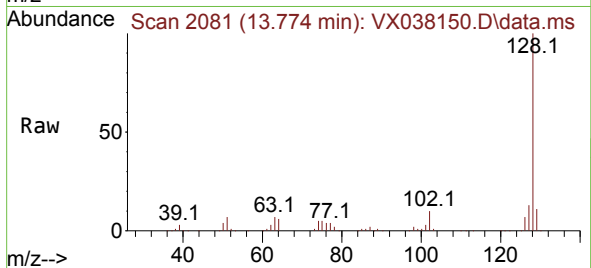




#91
Naphthalene
Concen: 20.961 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100623

Tgt Ion:128 Resp: 179674
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 20.388 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038150.D
Acq: 07 Oct 2023 01:01

Tgt Ion:180 Resp: 49951
Ion Ratio Lower Upper
180 100
182 94.5 0.0 190.6
145 32.8 0.0 66.8

