

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
 Data File : VX037938.D
 Acq On : 28 Sep 2023 09:30
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Sep 29 04:20:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 28 06:08:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	46554	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	259019	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	246981	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	102490	30.541	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.800%	
60) 4-Bromofluorobenzene	11.079	95	120889	30.025	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.100%	
63) Toluene-d8	8.647	98	324070	30.396	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.333%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	48254	19.773	ug/l	99
3) Chloromethane	1.295	50	50892	19.472	ug/l	97
4) Vinyl Chloride	1.374	62	56999	19.481	ug/l	96
5) Bromomethane	1.612	94	43970	19.508	ug/l	92
6) Chloroethane	1.691	64	38556	19.629	ug/l	97
7) Trichlorofluoromethane	1.892	101	95034	19.677	ug/l	99
8) Diethyl Ether	2.130	74	36245	20.342	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	48718	19.786	ug/l	99
10) 1,1-Dichloroethene	2.319	96	46559	19.317	ug/l	98
11) Methyl Iodide	2.453	142	63004	19.314	ug/l	98
12) Methyl Acetate	2.697	43	100491	20.512	ug/l	98
13) Acrolein	2.233	56	60688	107.346	ug/l	96
14) Acrylonitrile	3.063	53	139489	103.122	ug/l	97
15) Acetone	2.374	58	49496	126.503	ug/l	85
16) Carbon Disulfide	2.514	76	116887	19.873	ug/l #	95
17) Allyl chloride	2.666	41	73048	19.796	ug/l	94
18) Methylene Chloride	2.788	84	55689	19.277	ug/l	95
19) trans-1,2-Dichloroethene	3.093	96	52570	19.351	ug/l	94
20) Diisopropyl ether	3.758	45	157670	20.014	ug/l #	86
21) 1,1-Dichloroethane	3.605	63	93030	19.545	ug/l	100
22) cis-1,2-Dichloroethene	4.489	96	62125	19.260	ug/l	98
23) tert-Butyl Alcohol	2.947	59	60947	107.988	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	167461	20.073	ug/l	97
25) Chloroform	5.093	83	102982	19.673	ug/l	98
26) Cyclohexane	5.471	56	78843	19.464	ug/l #	96
29) 1,1-Dichloropropene	5.696	75	73852	19.724	ug/l	98
30) 2-Butanone	4.550	43	199084	110.793	ug/l	96
31) 2,2-Dichloropropane	4.471	77	77008	20.416	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	88370	19.697	ug/l	97
33) Carbon Tetrachloride	5.672	117	78024	20.315	ug/l	96
34) Benzene	6.038	78	220392	19.704	ug/l	97
35) Methacrylonitrile	4.916	41	38171	20.205	ug/l	97
36) 1,2-Dichloroethane	6.086	62	79217	20.021	ug/l	99
37) Trichloroethene	7.123	130	59738	19.360	ug/l	95
38) Methylcyclohexane	7.379	83	94126	20.000	ug/l	95
39) 1,2-Dichloropropane	7.428	63	56305	19.677	ug/l	94
40) Dibromomethane	7.580	93	42899	20.317	ug/l	98
41) Bromodichloromethane	7.818	83	77540	20.114	ug/l	98
42) Vinyl Acetate	3.721	43	585719	103.402	ug/l	98

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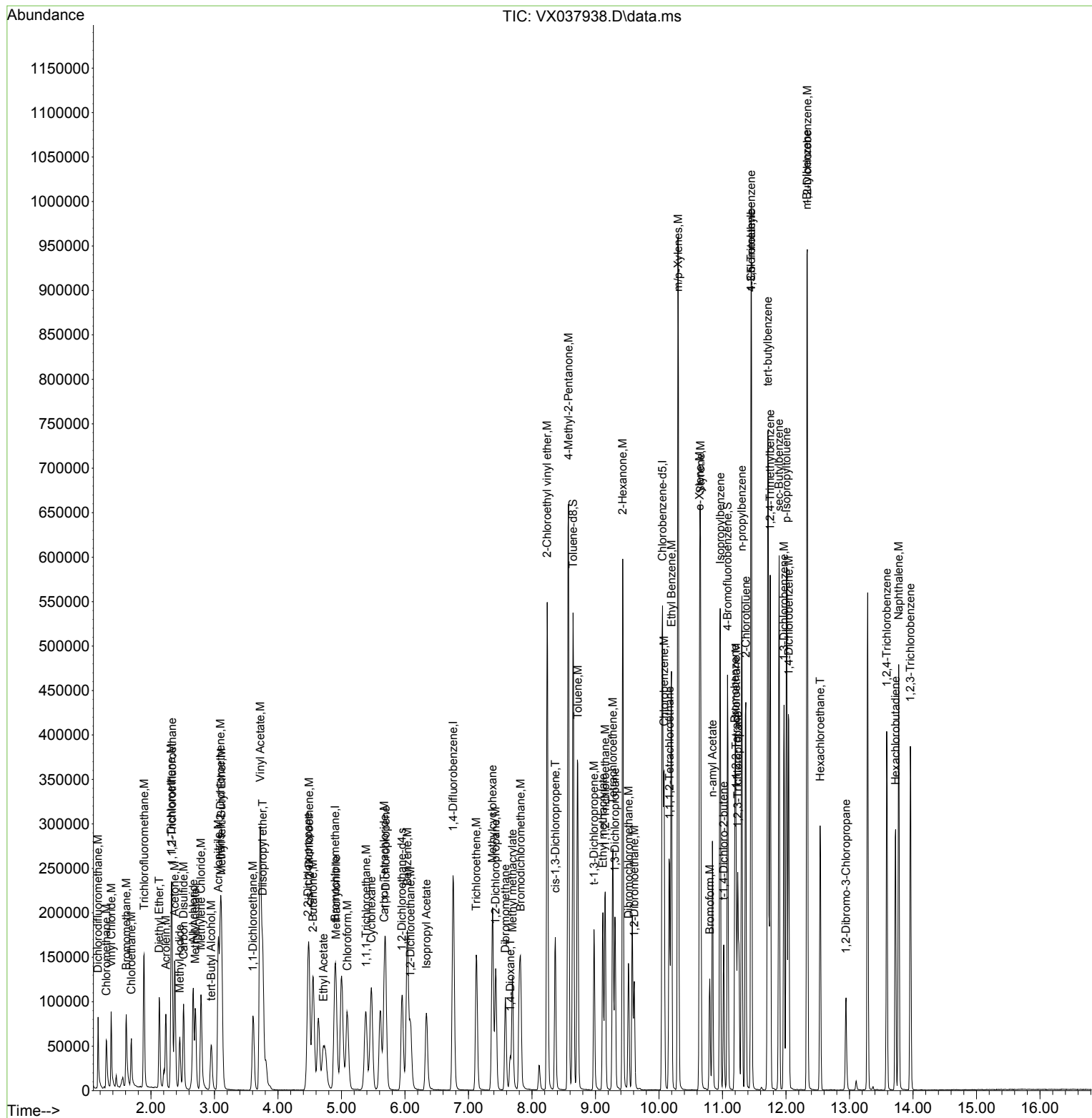
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	69728	19.629	ug/l	99
44) Isopropyl Acetate	6.336	43	120490	20.503	ug/l	96
45) 1,4-Dioxane	7.659	88	30282	447.157	ug/l #	1
46) Methyl methacrylate	7.690	41	57437	20.560	ug/l	95
47) n-amyl Acetate	10.842	43	107503	19.443	ug/l	95
48) t-1,3-Dichloropropene	8.976	75	83953	20.047	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	89377	19.873	ug/l	94
50) 1,1,2-Trichloroethane	9.153	97	60856	20.168	ug/l	98
51) Ethyl methacrylate	9.116	69	87420	19.662	ug/l	94
52) 1,3-Dichloropropane	9.305	76	97974	20.241	ug/l	99
53) Dibromochloromethane	9.519	129	61873	19.896	ug/l	100
54) 1,2-Dibromoethane	9.610	107	65285	19.938	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	219654	101.348	ug/l	98
56) Bromoform	10.799	173	45145	19.301	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	378832	104.780	ug/l	95
59) 2-Hexanone	9.427	43	298869	108.849	ug/l	97
61) Tetrachloroethene	9.275	164	52589	20.008	ug/l	94
62) Toluene	8.720	91	255487	19.942	ug/l	99
64) Chlorobenzene	10.080	112	160767	20.116	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	58482	20.159	ug/l	98
66) Ethyl Benzene	10.195	91	284176	20.098	ug/l	98
67) m/p-Xylenes	10.299	106	222514	39.948	ug/l	98
68) o-Xylene	10.640	106	107054	19.847	ug/l	97
69) Styrene	10.653	104	178673	19.745	ug/l	98
70) Isopropylbenzene	10.964	105	286525	20.016	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.214	83	95651	20.274	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	100948	24.369	ug/l	91
73) Bromobenzene	11.195	156	71285	19.633	ug/l	93
74) n-propylbenzene	11.305	91	343593	20.091	ug/l	100
75) 2-Chlorotoluene	11.366	91	198654	19.841	ug/l	96
76) 1,3,5-Trimethylbenzene	11.451	105	245152	19.859	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	26274	20.026	ug/l	94
78) 4-Chlorotoluene	11.451	91	234463	19.962	ug/l	100
79) tert-butylbenzene	11.713	119	241471	19.874	ug/l	95
80) 1,2,4-Trimethylbenzene	11.750	105	244979	19.963	ug/l	98
81) sec-Butylbenzene	11.890	105	315222	20.174	ug/l	99
82) p-Isopropyltoluene	12.006	119	264860	20.191	ug/l	99
83) 1,3-Dichlorobenzene	11.970	146	140563	20.036	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	139947	19.686	ug/l	99
85) n-Butylbenzene	12.329	91	246678	20.099	ug/l	100
86) Hexachloroethane	12.536	117	41857	19.584	ug/l	94
87) 1,2-Dichlorobenzene	12.335	146	135578	19.614	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	19940	21.219	ug/l	87
89) 1,2,4-Trichlorobenzene	13.585	180	94360	20.064	ug/l	98
90) Hexachlorobutadiene	13.725	225	42012	20.334	ug/l	98
91) Naphthalene	13.774	128	290683	20.380	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	92210	20.140	ug/l	99

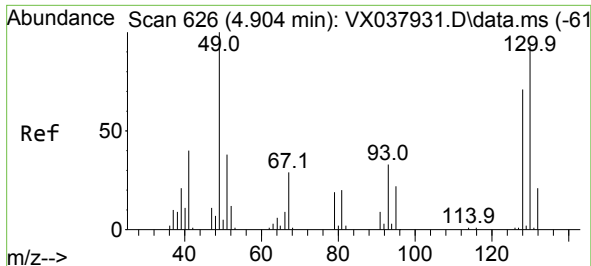
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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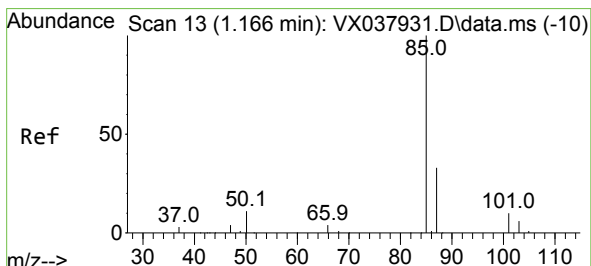
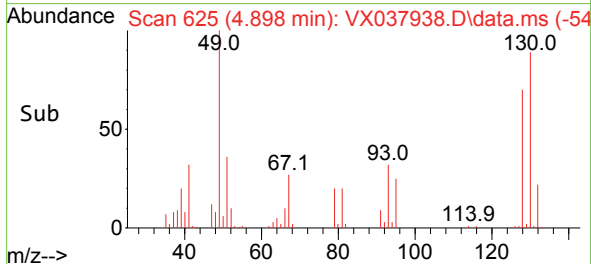
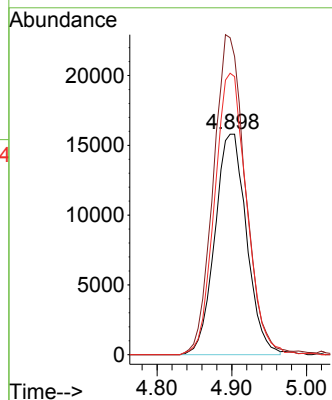
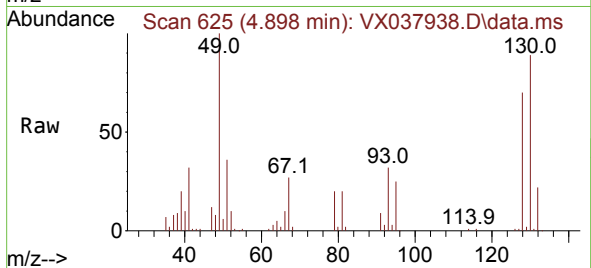




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

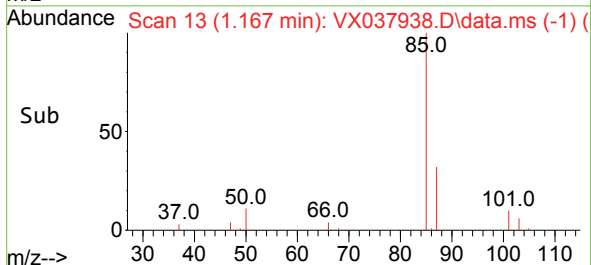
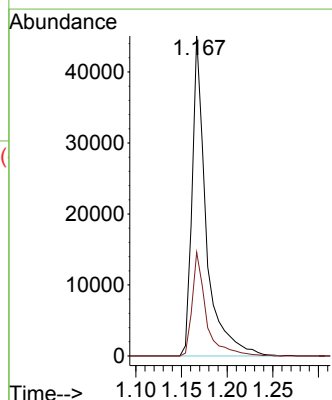
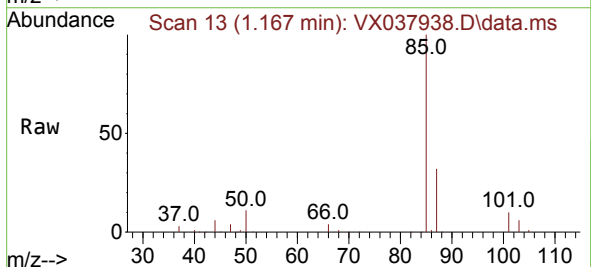
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ClientSampleId :
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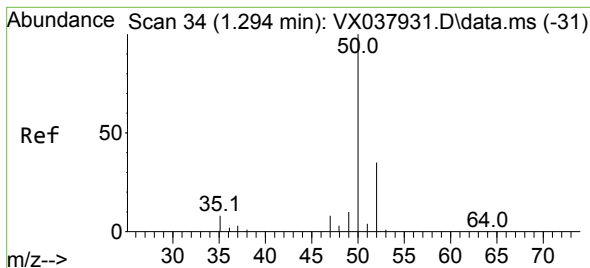
Tgt Ion:128 Resp: 46554
Ion Ratio Lower Upper
128 100
49 146.2 0.0 406.3
130 128.9 0.0 328.0



#2
Dichlorodifluoromethane
Concen: 19.773 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 85 Resp: 48254
Ion Ratio Lower Upper
85 100
87 32.4 16.4 49.4





#3

Chloromethane

Concen: 19.472 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

Instrument :

MSVOA_X

ClientSampleId :

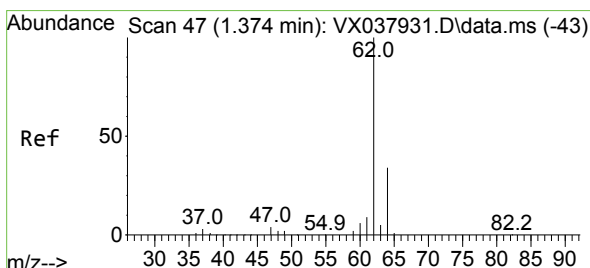
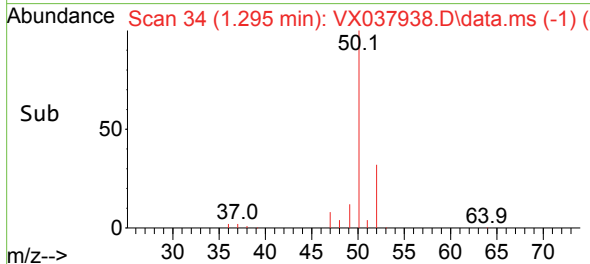
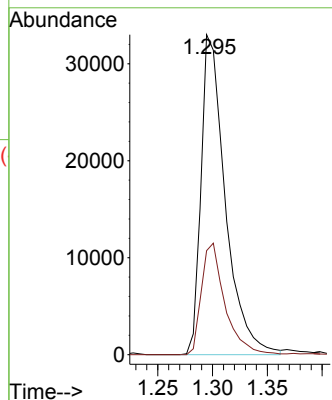
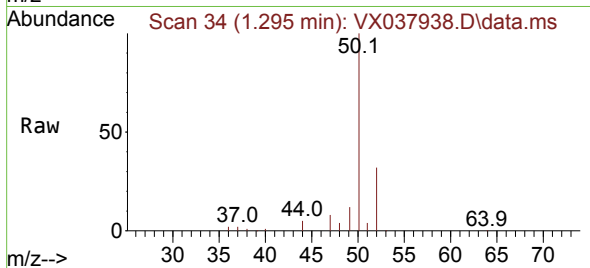
VSTDCCC020

Tgt Ion: 50 Resp: 50892

Ion Ratio Lower Upper

50 100

52 32.5 24.5 36.7



#4

Vinyl Chloride

Concen: 19.481 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX037938.D

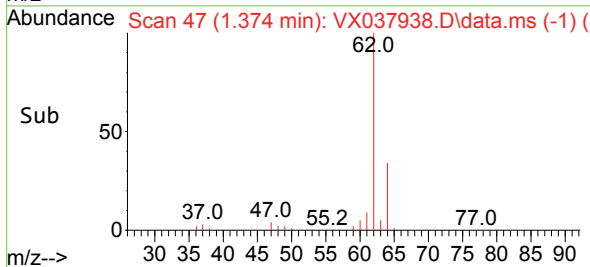
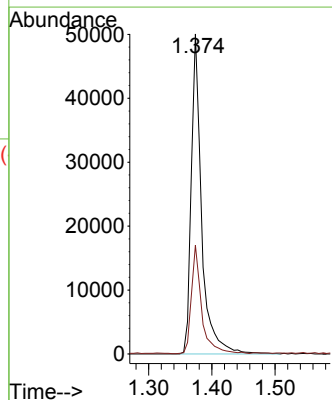
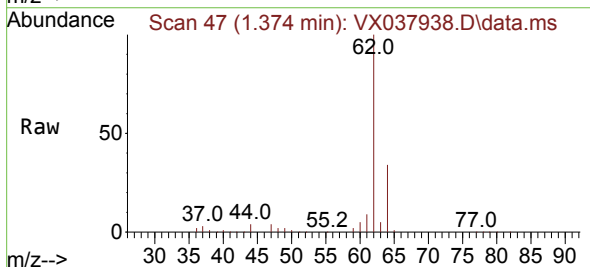
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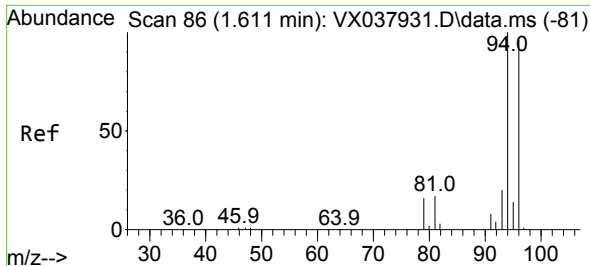
Tgt Ion: 62 Resp: 56999

Ion Ratio Lower Upper

62 100

64 33.8 25.3 37.9

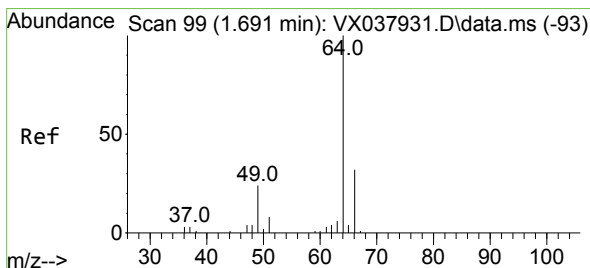
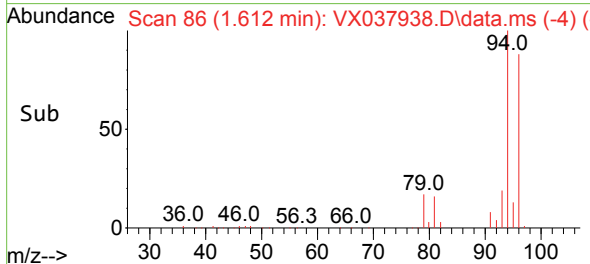
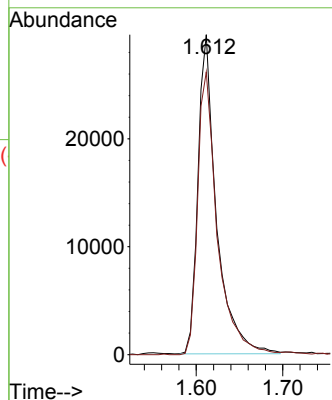
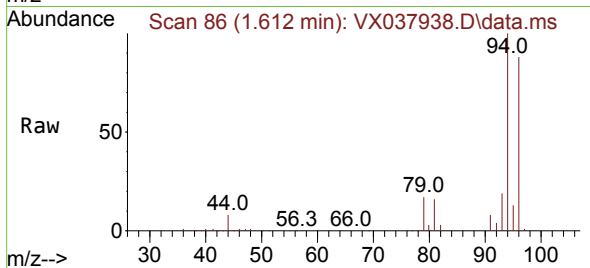




#5
Bromomethane
Concen: 19.508 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

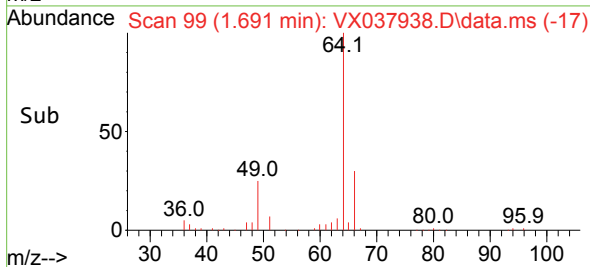
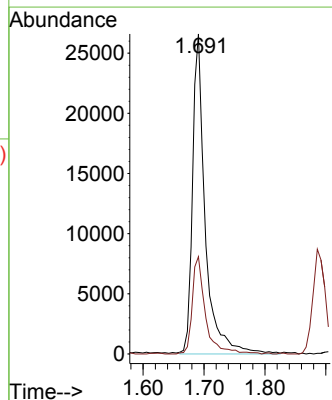
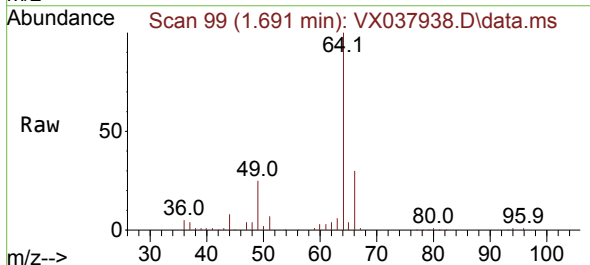
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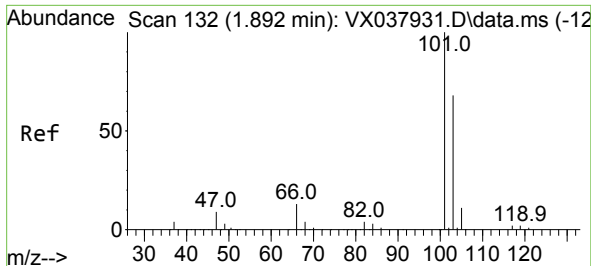
Tgt Ion: 94 Resp: 43970
Ion Ratio Lower Upper
94 100
96 88.6 77.4 116.2



#6
Chloroethane
Concen: 19.629 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 64 Resp: 38556
Ion Ratio Lower Upper
64 100
66 30.2 23.1 34.7

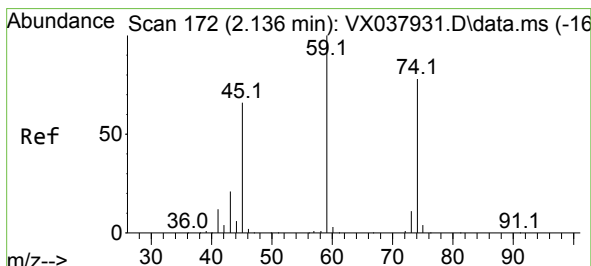
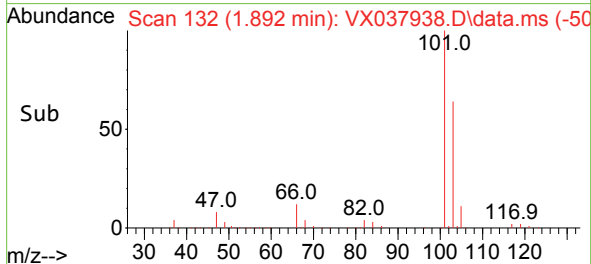
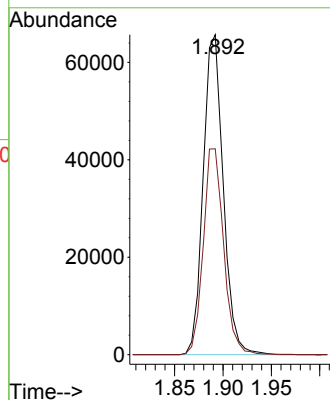
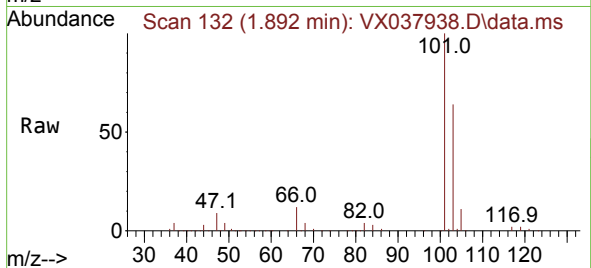




#7
 Trichlorofluoromethane
 Concen: 19.677 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037938.D
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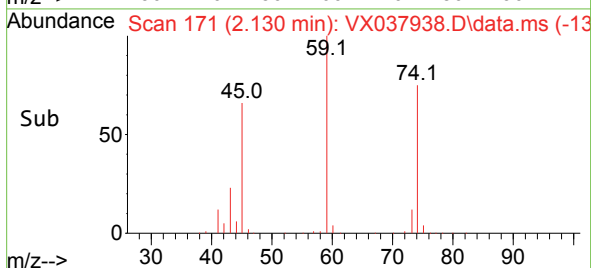
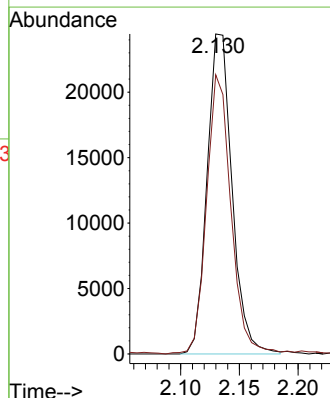
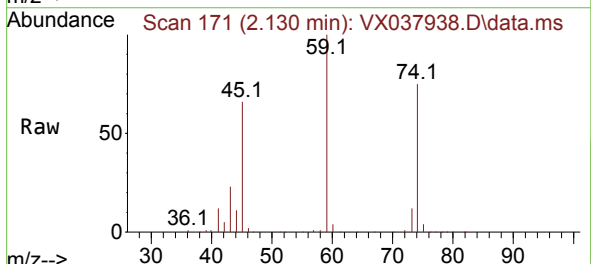
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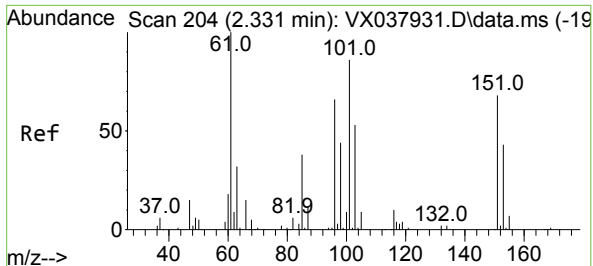
Tgt Ion:101 Resp: 95034
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.2 78.2



#8
 Diethyl Ether
 Concen: 20.342 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX037938.D
 Acq: 28 Sep 2023 09:30

Tgt Ion: 74 Resp: 36245
 Ion Ratio Lower Upper
 74 100
 45 83.1 19.9 178.9

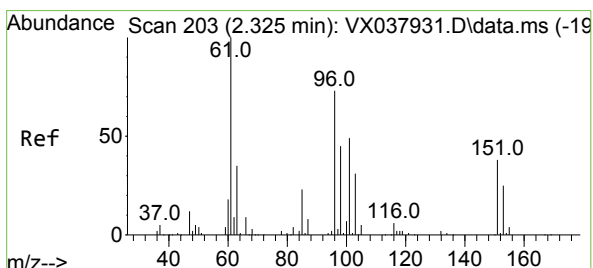
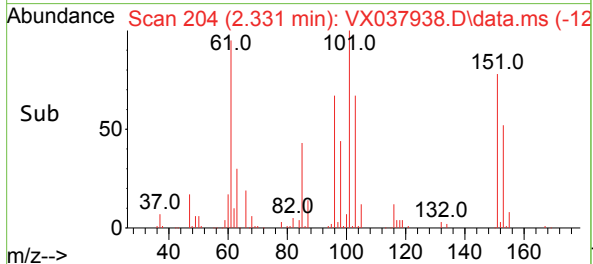
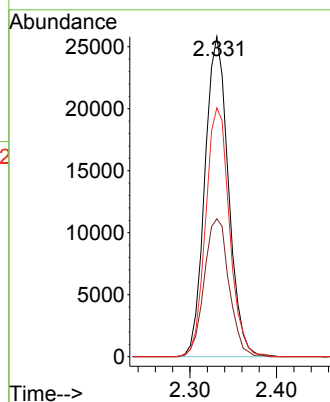
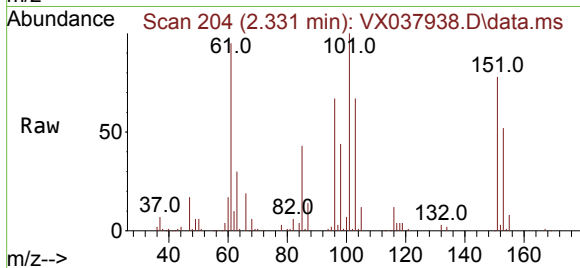




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.786 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX037938.D
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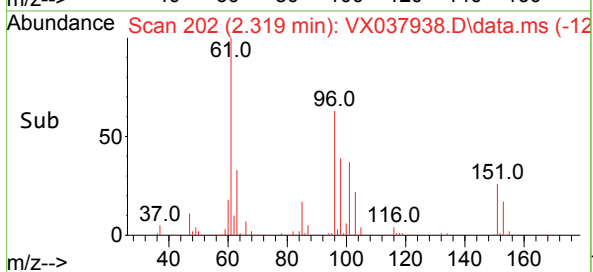
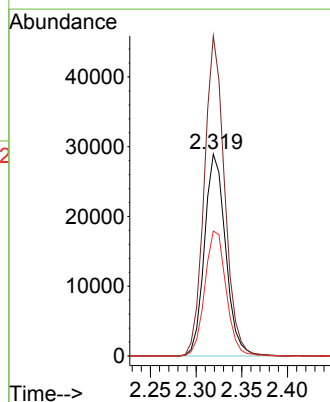
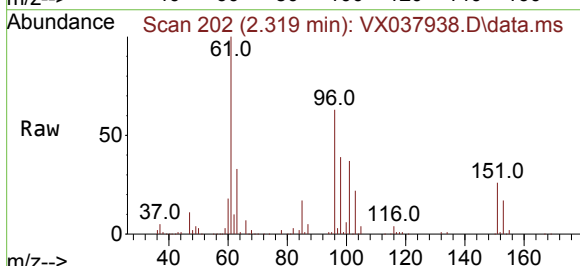
Instrument :
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ClientSampleId :
VSTDCCC020

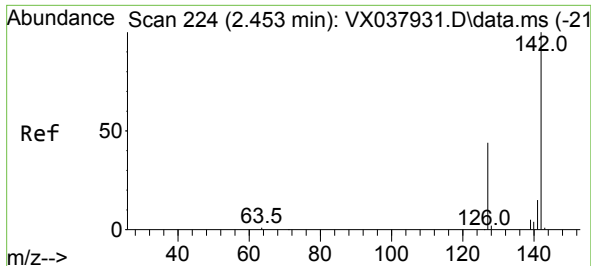
Tgt Ion:101 Resp: 48718
Ion Ratio Lower Upper
101 100
85 45.2 0.0 91.0
151 78.7 0.0 155.4



#10
1,1-Dichloroethene
Concen: 19.317 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

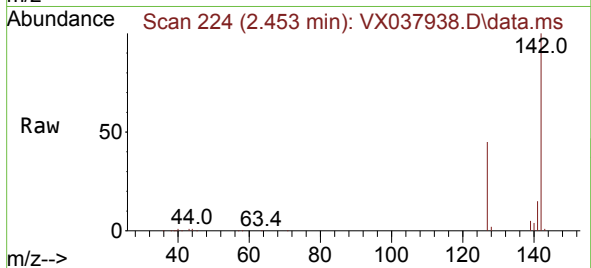
Tgt Ion: 96 Resp: 46559
Ion Ratio Lower Upper
96 100
61 158.5 127.2 190.8
98 61.9 52.7 79.1



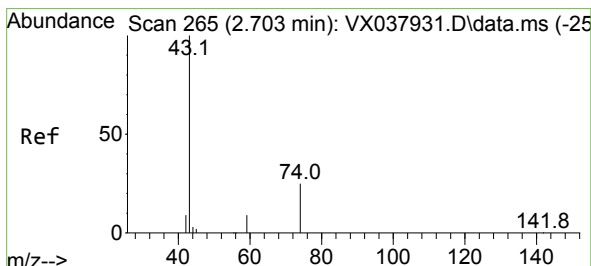
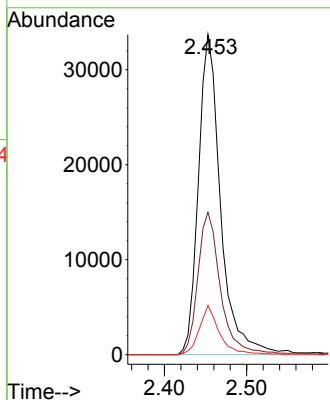
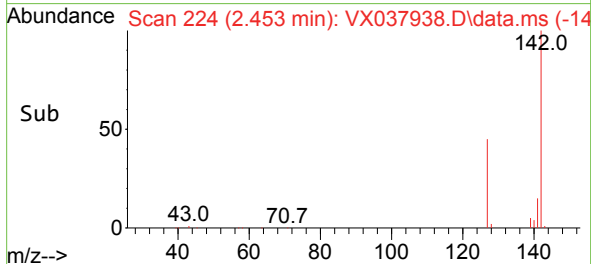


#11
Methyl Iodide
Concen: 19.314 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

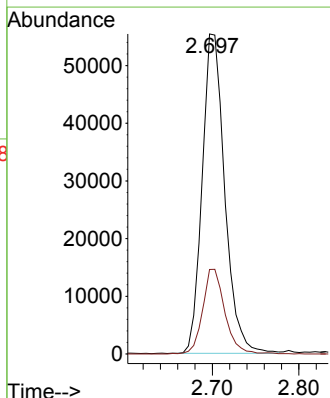
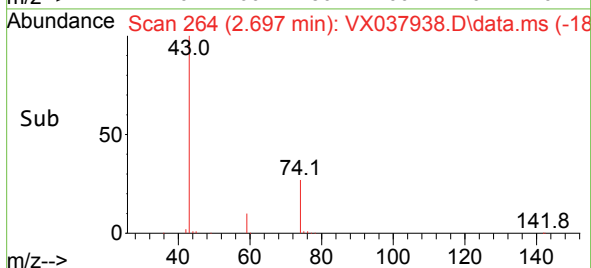
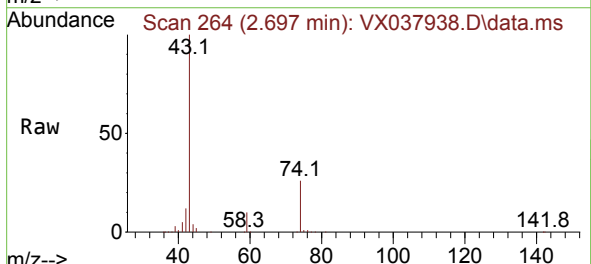


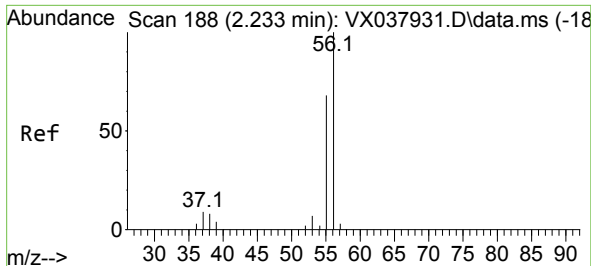
Tgt Ion:142 Resp: 63004
Ion Ratio Lower Upper
142 100
127 44.5 22.9 68.8
141 15.3 7.5 22.6



#12
Methyl Acetate
Concen: 20.512 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 43 Resp: 100491
Ion Ratio Lower Upper
43 100
74 26.4 20.3 30.5

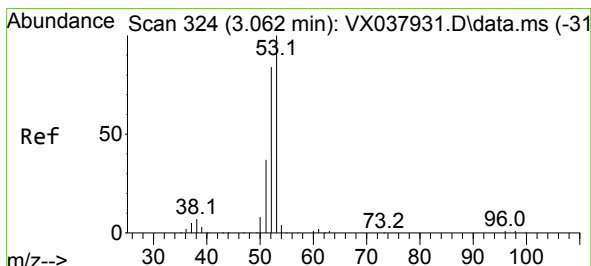
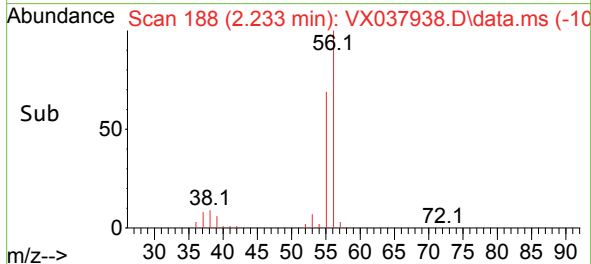
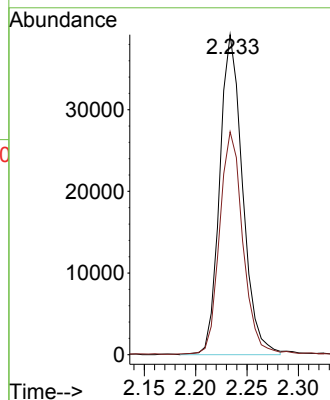
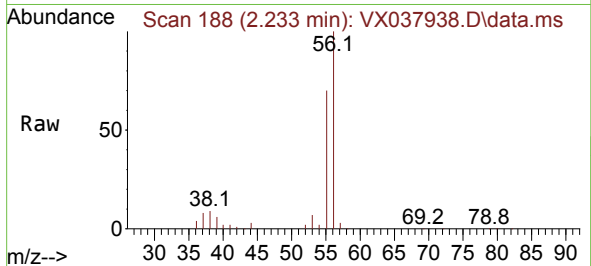




#13
Acrolein
Concen: 107.346 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

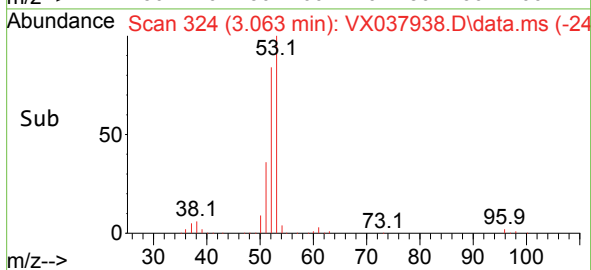
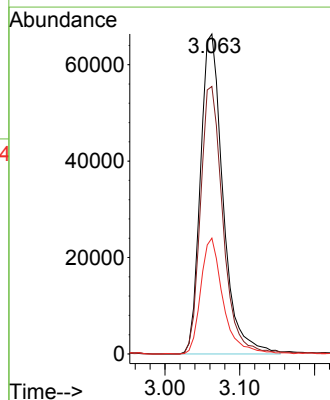
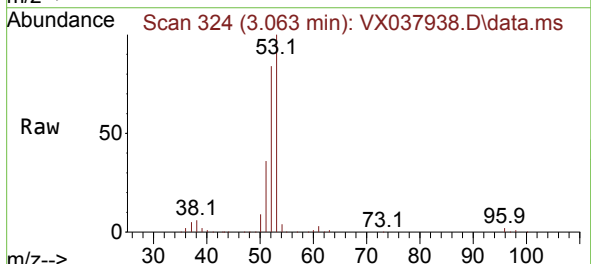
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

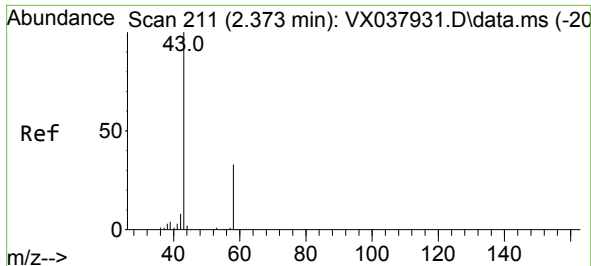
Tgt Ion: 56 Resp: 60688
Ion Ratio Lower Upper
56 100
55 71.3 59.7 89.5



#14
Acrylonitrile
Concen: 103.122 ug/l
RT: 3.063 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 53 Resp: 139489
Ion Ratio Lower Upper
53 100
52 83.2 40.0 119.9
51 35.7 18.2 54.6





#15

Acetone

Concen: 126.503 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

Instrument :

MSVOA_X

ClientSampleId :

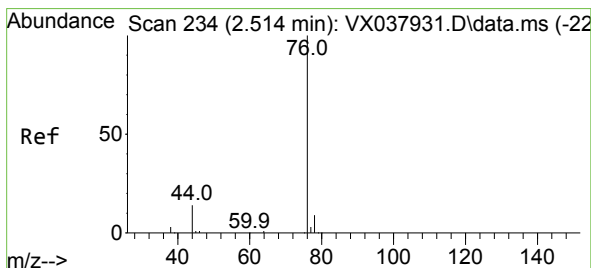
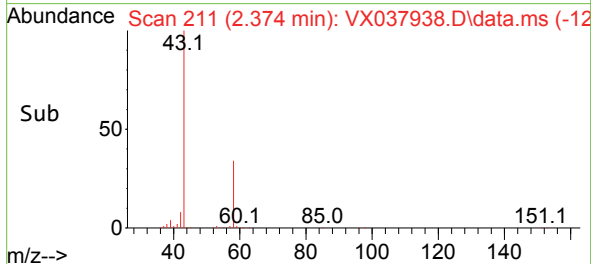
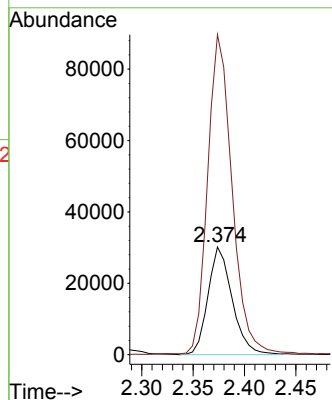
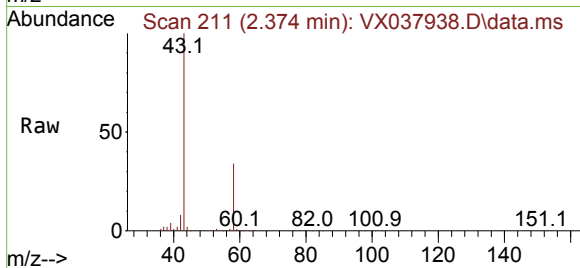
VSTDCCC020

Tgt Ion: 58 Resp: 49496

Ion Ratio Lower Upper

58 100

43 296.2 261.0 391.4



#16

Carbon Disulfide

Concen: 19.873 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX037938.D

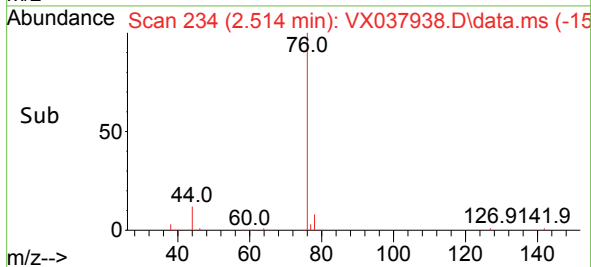
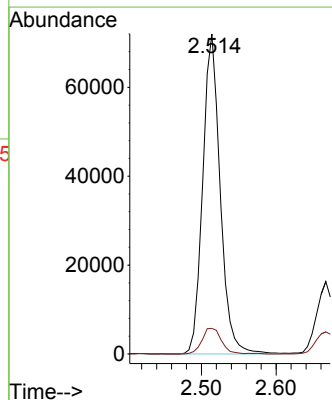
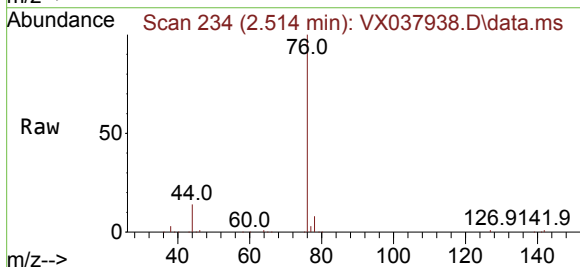
Acq: 28 Sep 2023 09:30

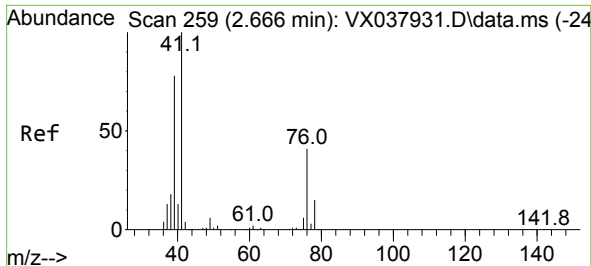
Tgt Ion: 76 Resp: 116887

Ion Ratio Lower Upper

76 100

78 8.0 8.0 12.0#





#17

Allyl chloride

Concen: 19.796 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

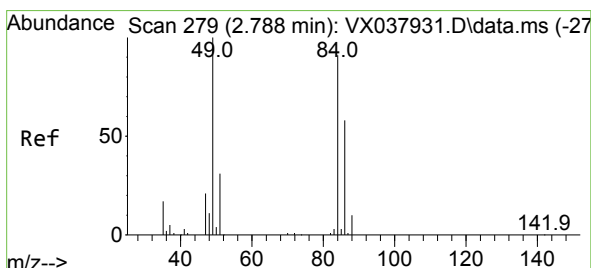
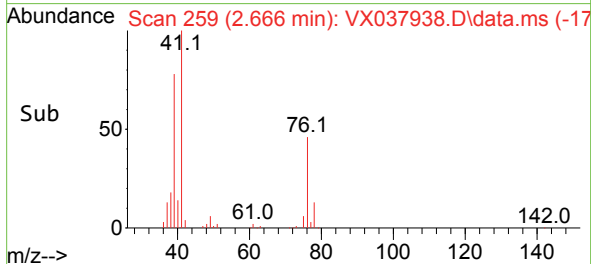
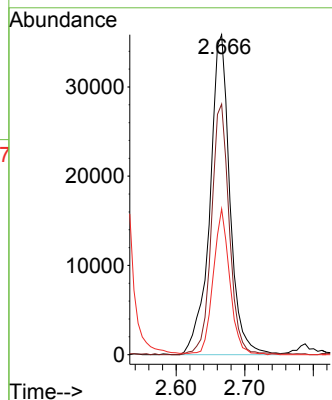
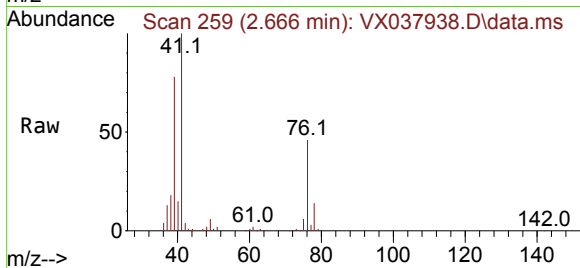
Tgt Ion: 41 Resp: 73048

Ion Ratio Lower Upper

41 100

39 78.3 38.5 115.3

76 45.5 18.6 55.8



#18

Methylene Chloride

Concen: 19.277 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

Tgt Ion: 84 Resp: 55689

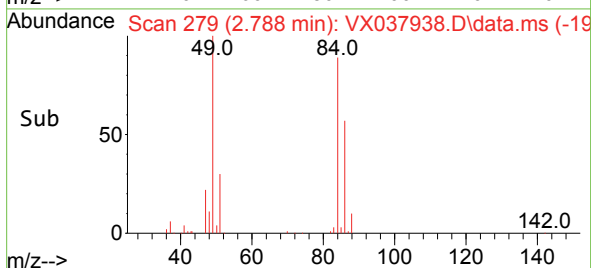
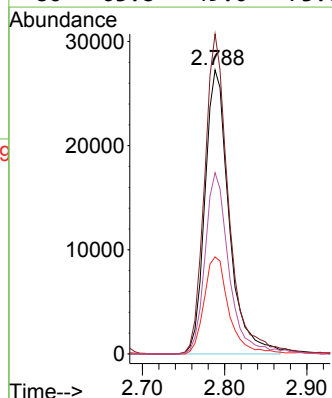
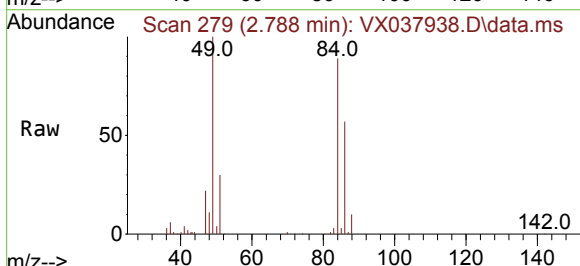
Ion Ratio Lower Upper

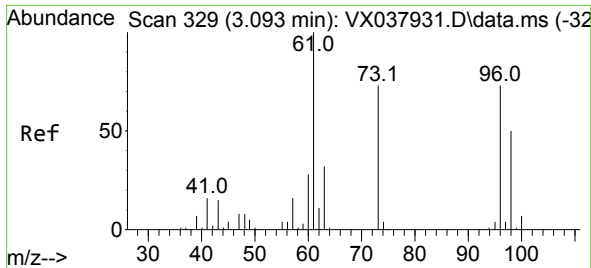
84 100

49 112.4 95.4 143.0

51 34.2 28.3 42.5

86 63.8 49.0 73.6

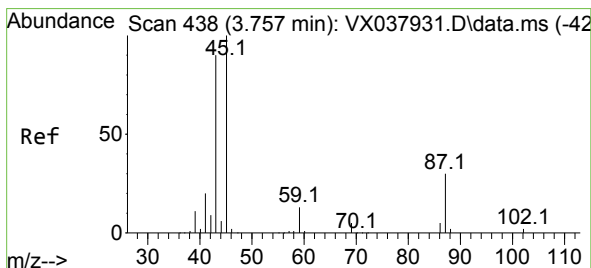
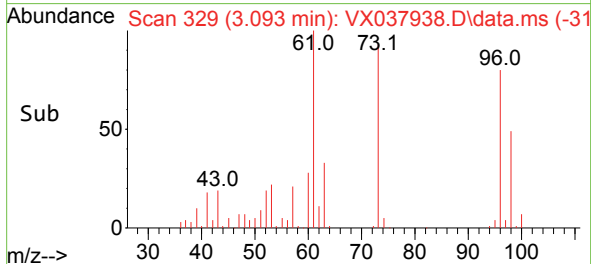
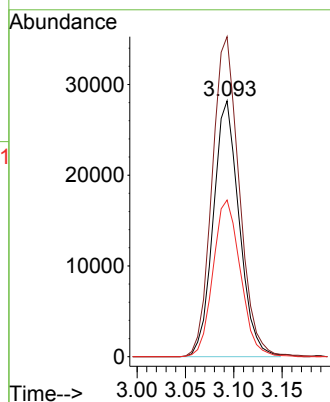
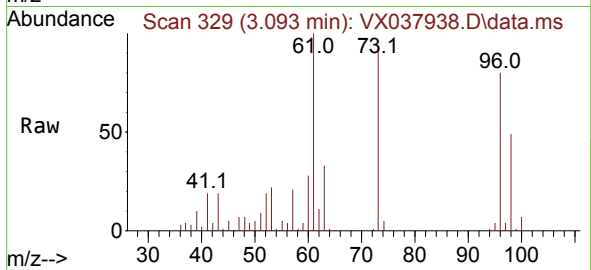




#19
trans-1,2-Dichloroethene
Concen: 19.351 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

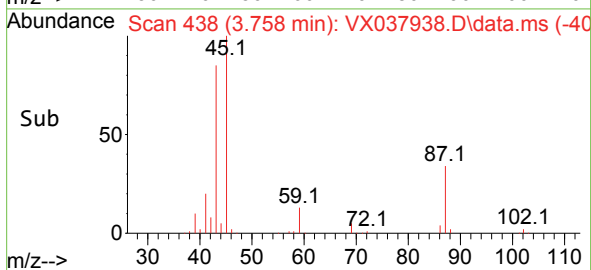
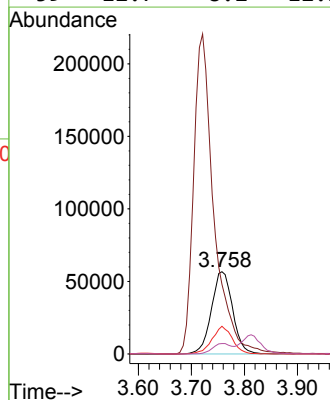
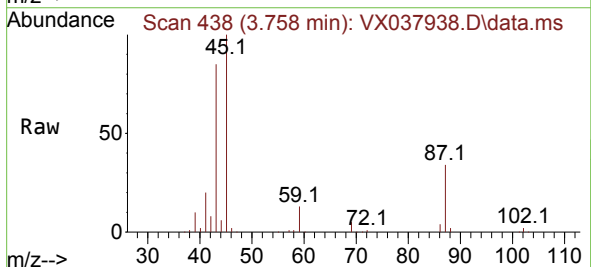
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

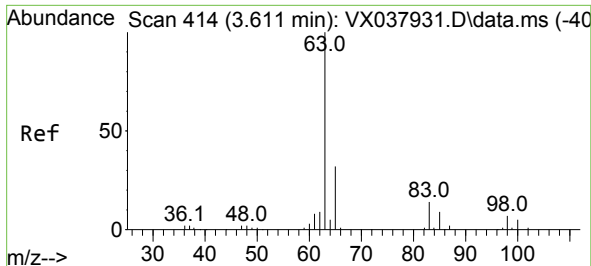
Tgt Ion: 96 Resp: 52570
Ion Ratio Lower Upper
96 100
61 125.1 108.7 163.1
98 61.2 49.1 73.7



#20
Diisopropyl ether
Concen: 20.014 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 45 Resp: 157670
Ion Ratio Lower Upper
45 100
43 83.1 55.8 83.6
87 33.7 23.0 34.4
59 12.7 8.2 12.2#

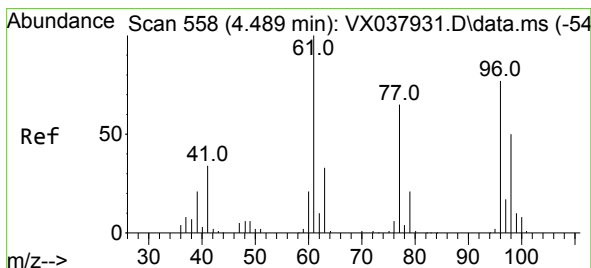
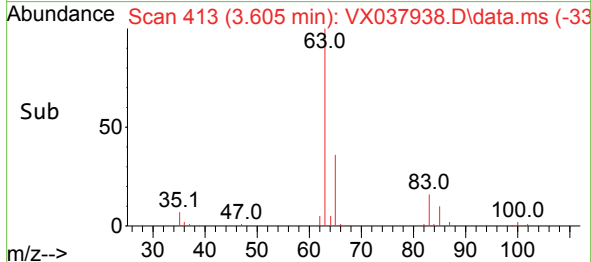
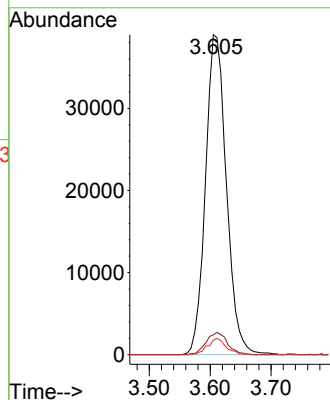
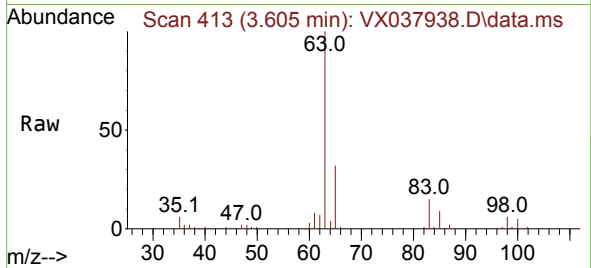




#21
1,1-Dichloroethane
Concen: 19.545 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

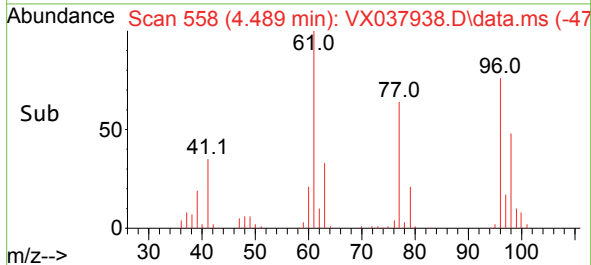
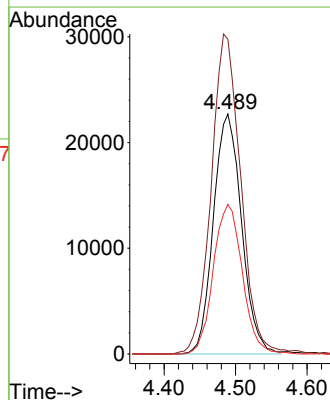
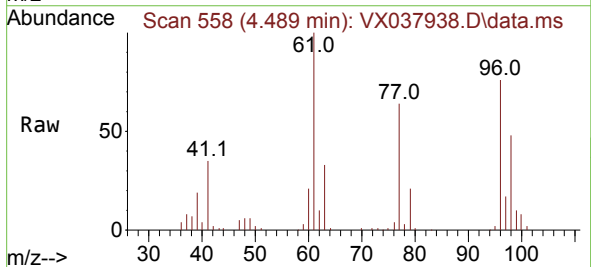
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

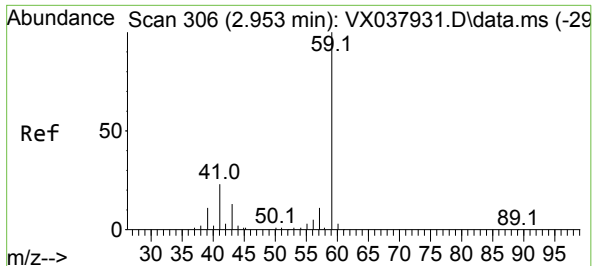
Tgt Ion: 63 Resp: 93030
Ion Ratio Lower Upper
63 100
98 6.2 3.2 9.6
100 4.5 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 19.260 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 96 Resp: 62125
Ion Ratio Lower Upper
96 100
61 139.3 114.0 171.0
98 63.9 51.6 77.4

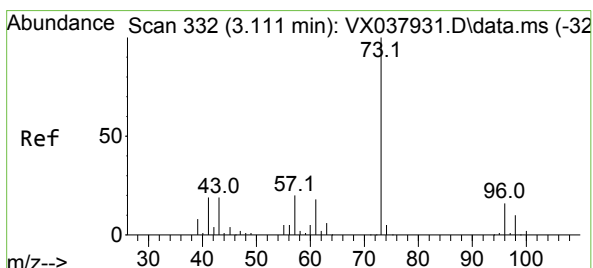
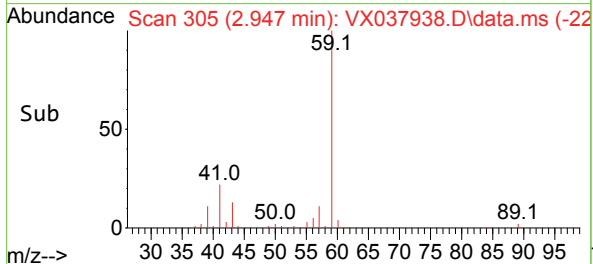
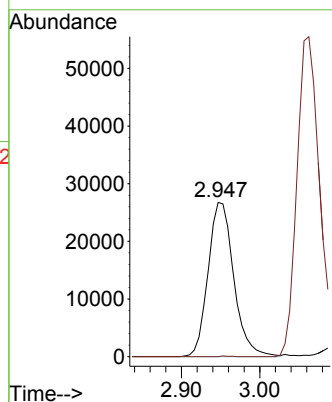
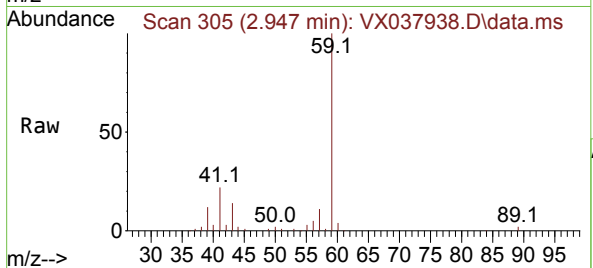




#23
tert-Butyl Alcohol
Concen: 107.988 ug/l
RT: 2.947 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

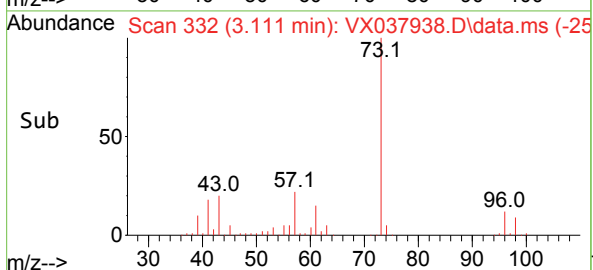
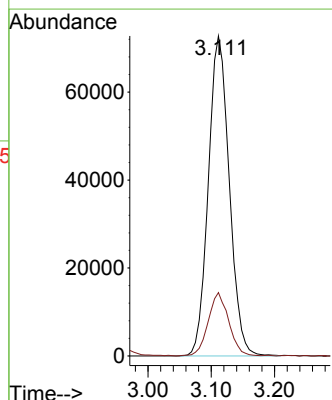
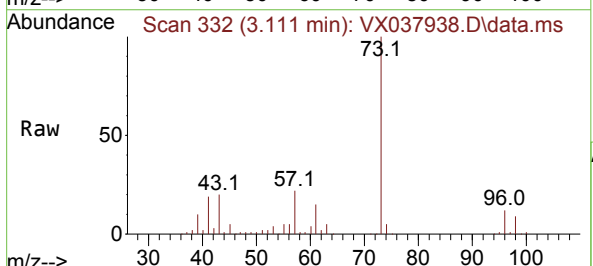
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

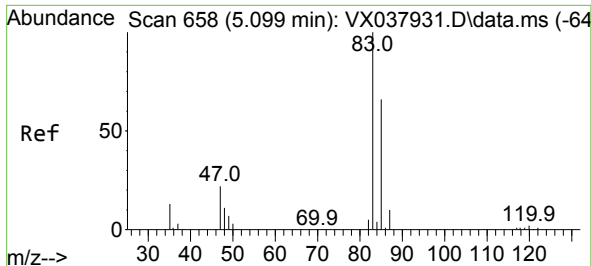
Tgt Ion: 59 Resp: 60947
Ion Ratio Lower Upper
59 100
52 0.2 142.6 213.8#



#24
Methyl tert-Butyl Ether
Concen: 20.073 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 73 Resp: 167461
Ion Ratio Lower Upper
73 100
43 19.5 16.8 25.2

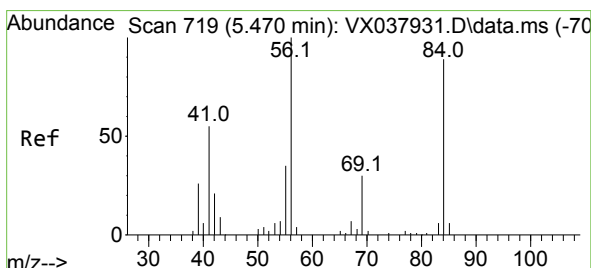
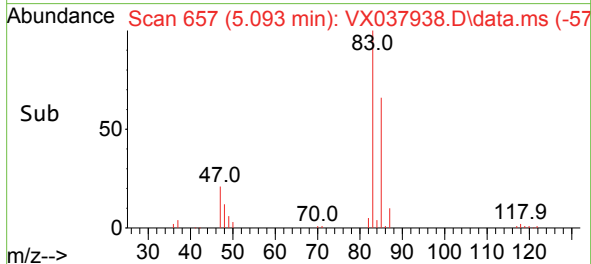
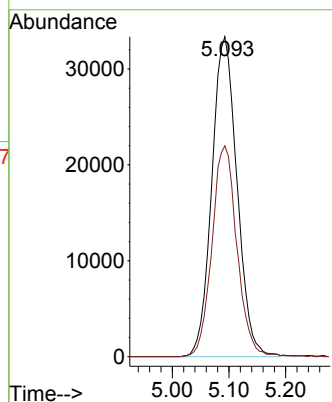
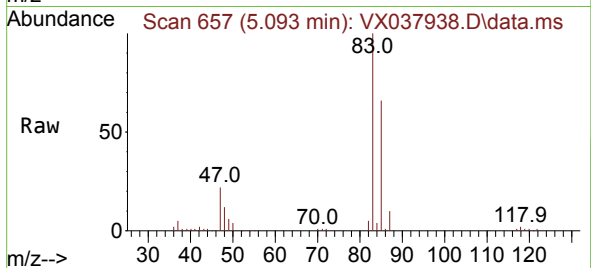




#25
Chloroform
Concen: 19.673 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

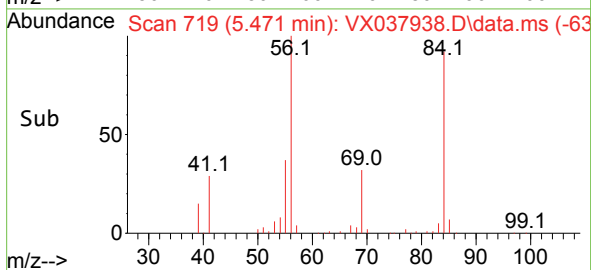
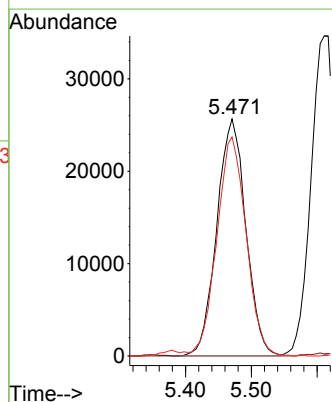
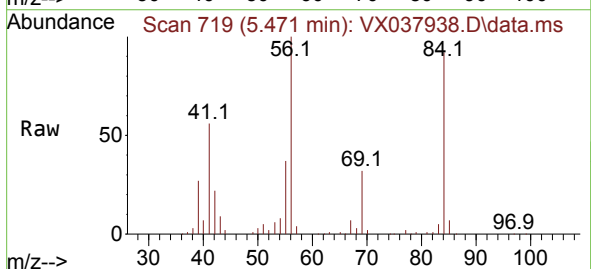
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

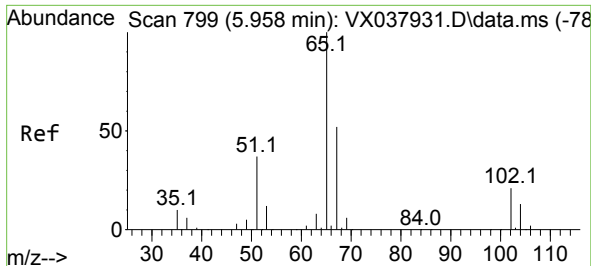
Tgt Ion: 83 Resp: 102982
Ion Ratio Lower Upper
83 100
85 65.9 51.5 77.3



#26
Cyclohexane
Concen: 19.464 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 56 Resp: 78843
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 93.1 71.4 107.2

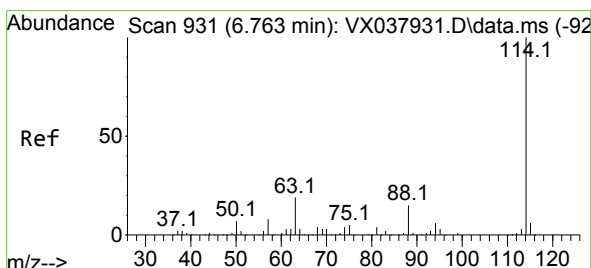
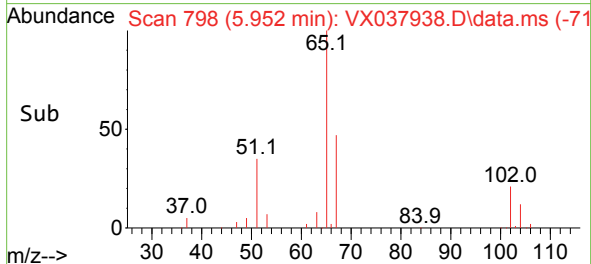
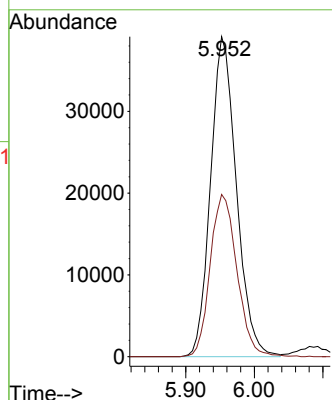
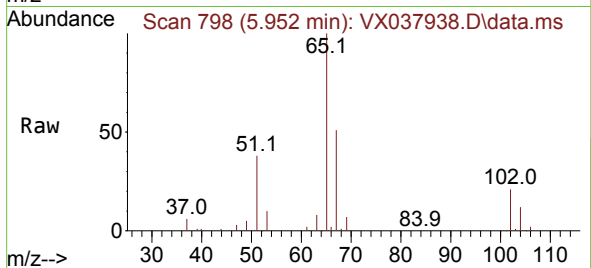




#27
1,2-Dichloroethane-d4
Concen: 30.541 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

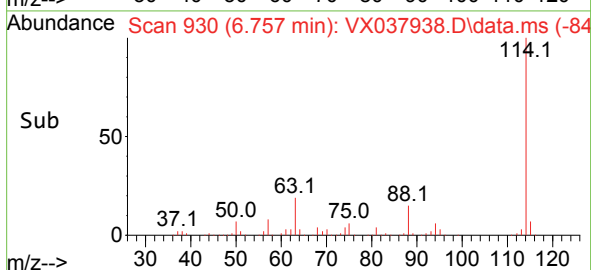
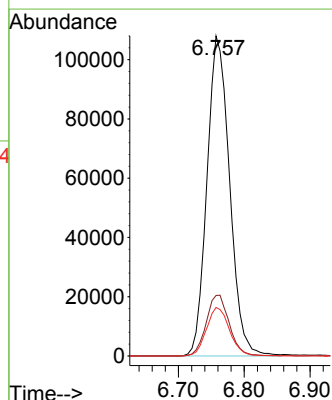
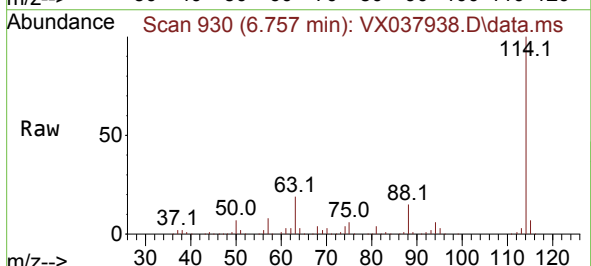
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

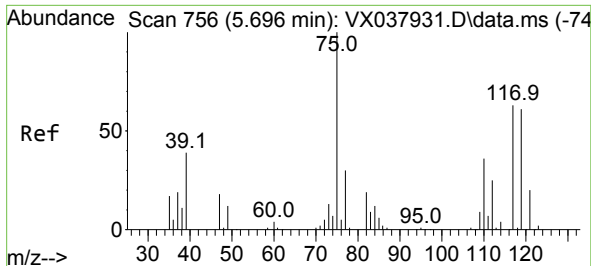
Tgt Ion: 65 Resp: 102490
Ion Ratio Lower Upper
65 100
67 52.4 42.1 63.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 114 Resp: 259019
Ion Ratio Lower Upper
114 100
63 19.3 16.6 24.8
88 15.4 12.9 19.3





#29

1,1-Dichloropropene

Concen: 19.724 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

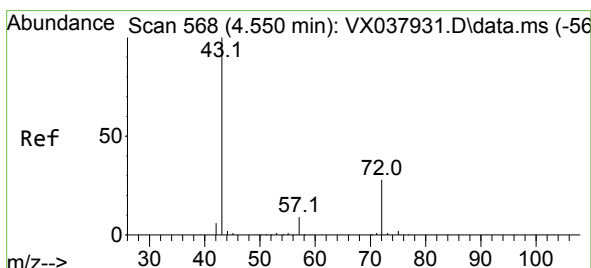
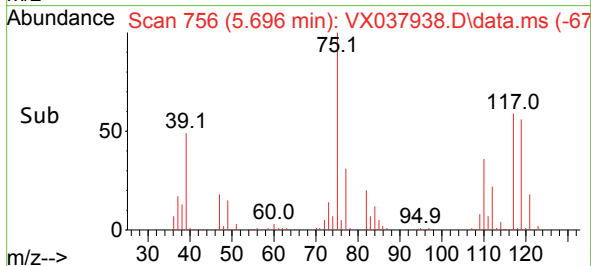
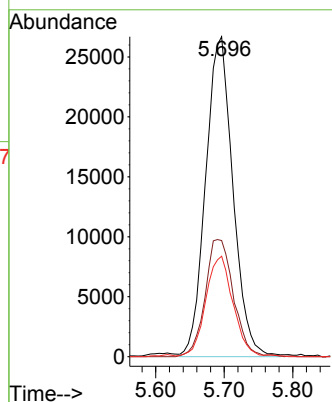
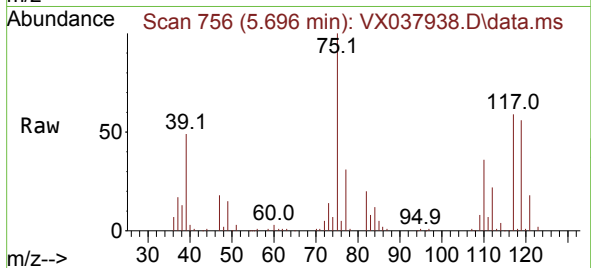
Tgt Ion: 75 Resp: 73852

Ion Ratio Lower Upper

75 100

110 37.7 0.0 70.4

77 31.3 0.0 62.8



#30

2-Butanone

Concen: 110.793 ug/l

RT: 4.550 min Scan# 568

Delta R.T. 0.000 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

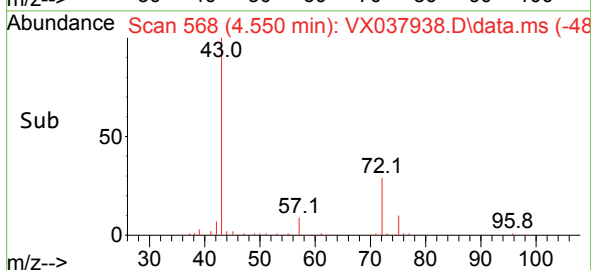
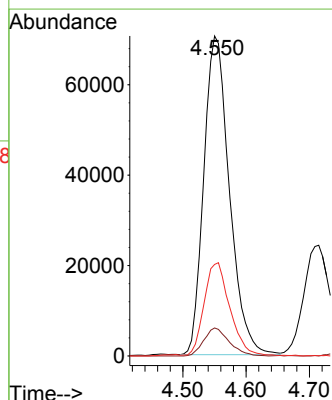
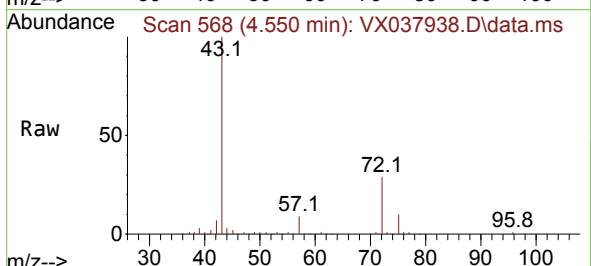
Tgt Ion: 43 Resp: 199084

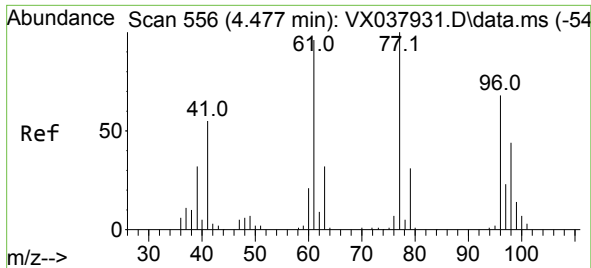
Ion Ratio Lower Upper

43 100

57 8.7 6.4 9.6

72 29.3 21.6 32.4

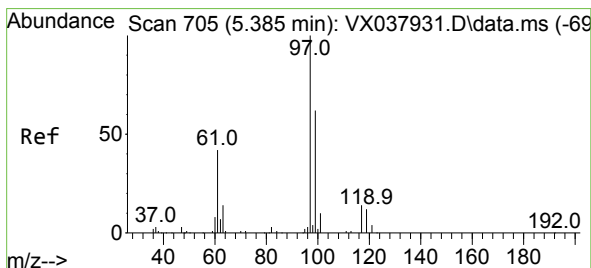
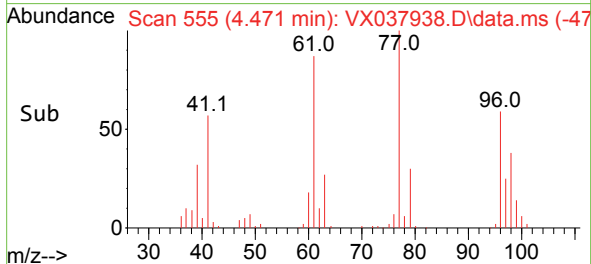
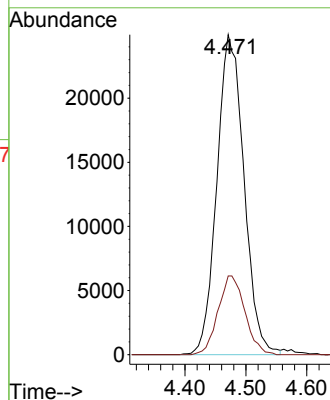
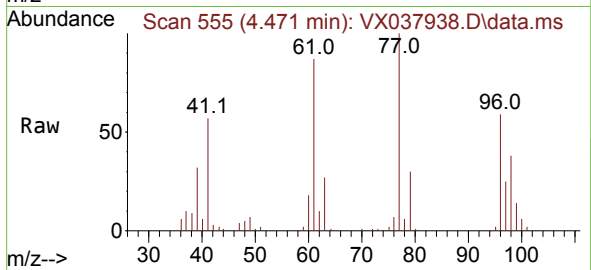




#31
2,2-Dichloropropane
Concen: 20.416 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

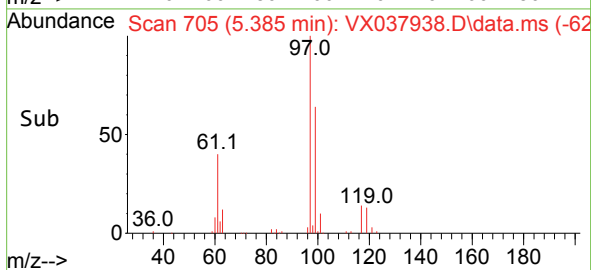
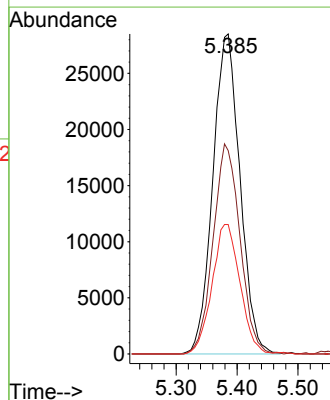
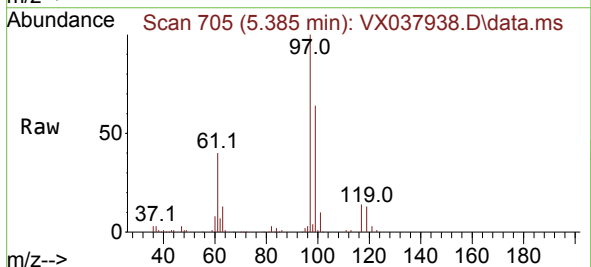
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

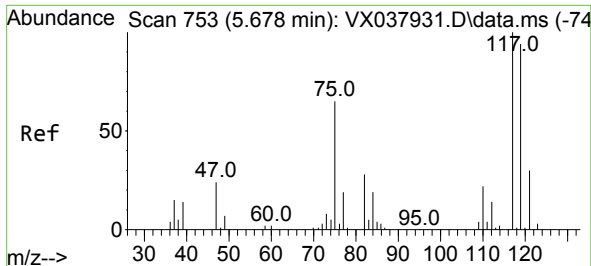
Tgt Ion: 77 Resp: 77008
Ion Ratio Lower Upper
77 100
97 24.3 18.6 27.8



#32
1,1,1-Trichloroethane
Concen: 19.697 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 97 Resp: 88370
Ion Ratio Lower Upper
97 100
99 65.0 51.5 77.3
61 41.5 35.8 53.8

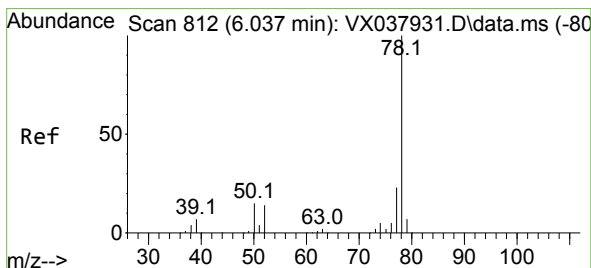
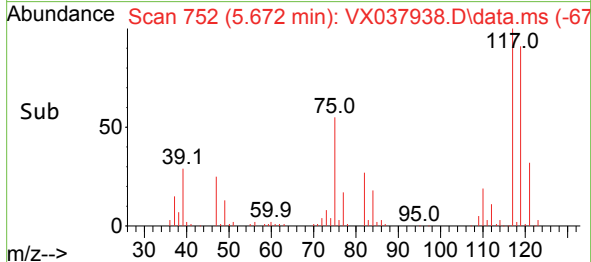
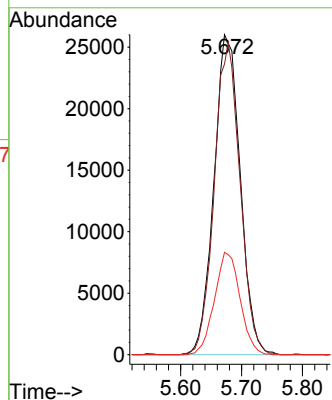
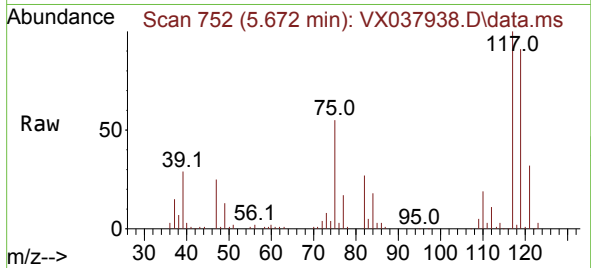




#33
Carbon Tetrachloride
Concen: 20.315 ug/l
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

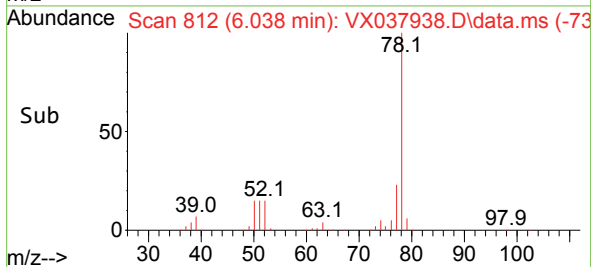
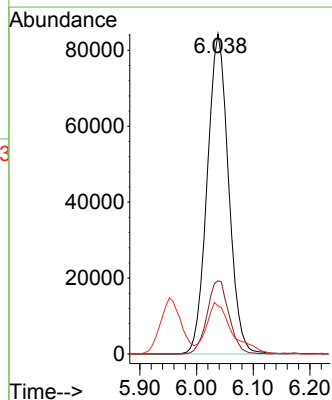
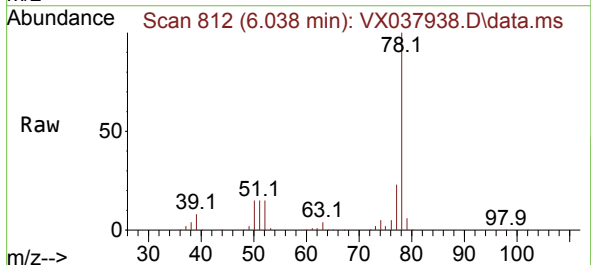
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

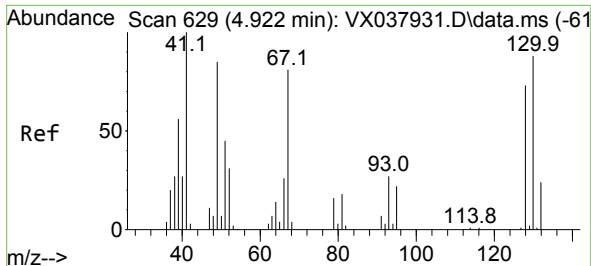
Tgt Ion:117 Resp: 78024
Ion Ratio Lower Upper
117 100
119 90.8 76.6 115.0
121 32.0 26.5 39.7



#34
Benzene
Concen: 19.704 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 78 Resp: 220392
Ion Ratio Lower Upper
78 100
77 22.9 18.7 28.1
51 14.9 14.2 21.4



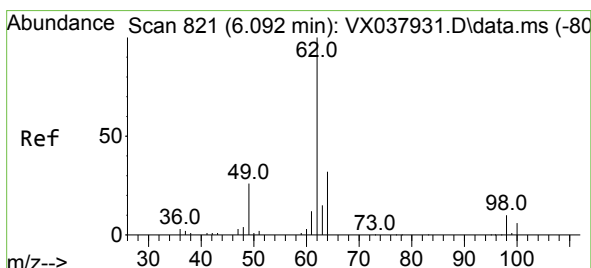
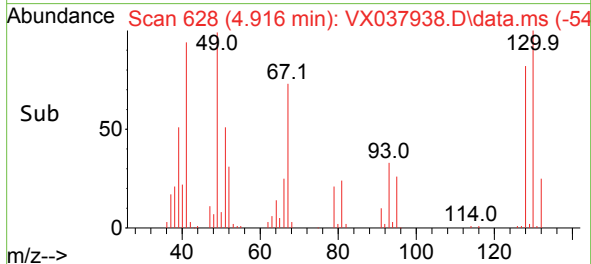
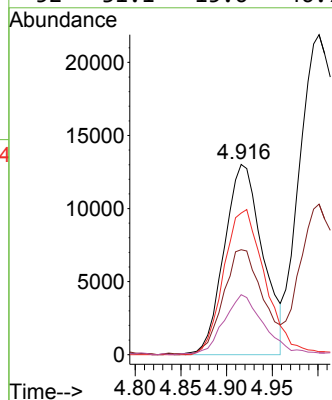
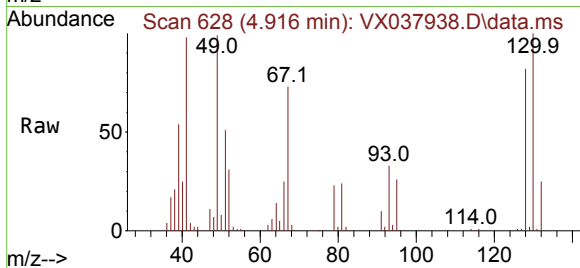


#35
Methacrylonitrile
Concen: 20.205 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 38171

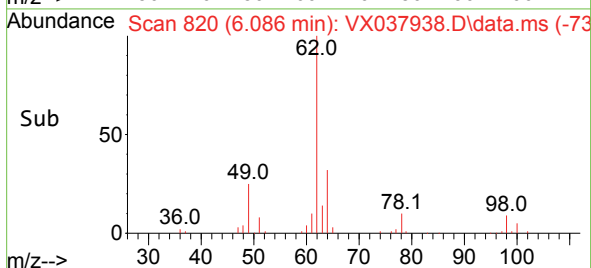
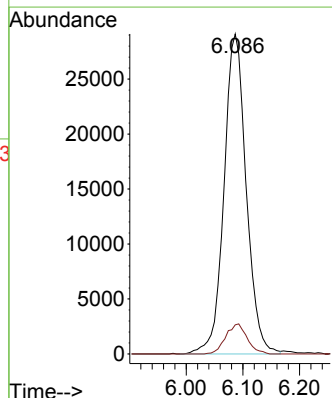
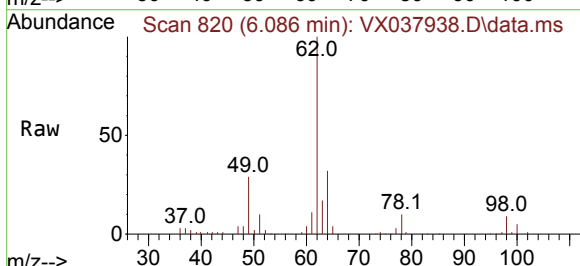
Ion	Ratio	Lower	Upper
41	100		
39	54.5	28.2	84.7
67	74.4	35.0	105.1
52	31.1	15.6	46.7

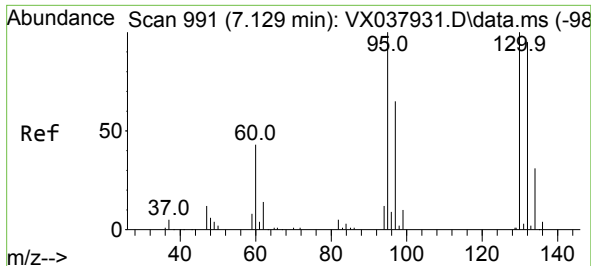


#36
1,2-Dichloroethane
Concen: 20.021 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 62 Resp: 79217

Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.0	10.6





#37

Trichloroethene

Concen: 19.360 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

Instrument :

MSVOA_X

ClientSampleId :

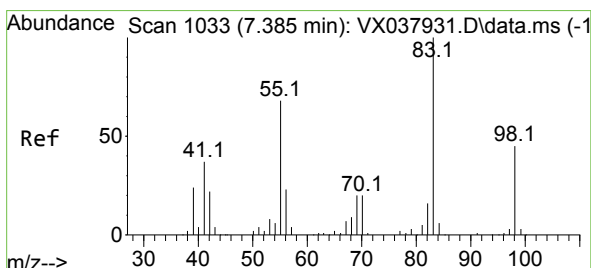
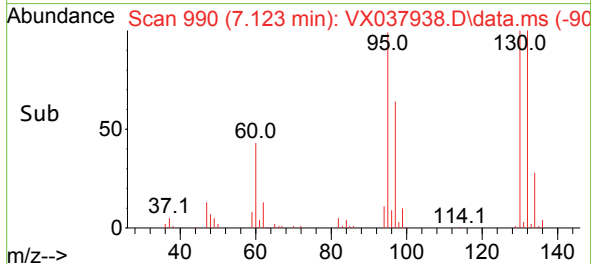
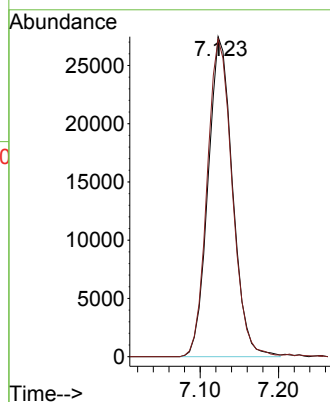
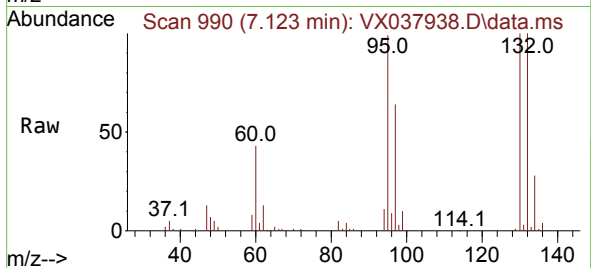
VSTDCCC020

Tgt Ion:130 Resp: 59738

Ion Ratio Lower Upper

130 100

95 99.3 83.2 124.8



#38

Methylcyclohexane

Concen: 20.000 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

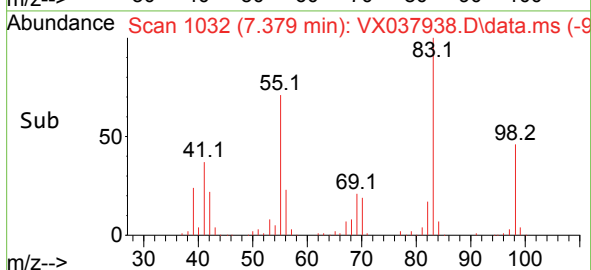
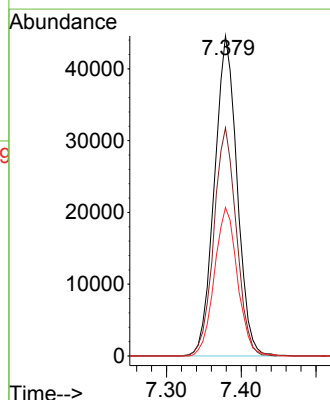
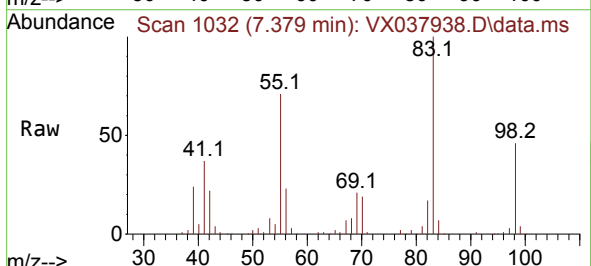
Tgt Ion: 83 Resp: 94126

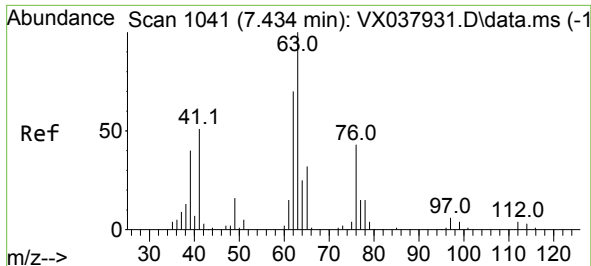
Ion Ratio Lower Upper

83 100

55 70.9 38.1 114.5

98 47.3 24.4 73.4





#39

1,2-Dichloropropane

Concen: 19.677 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

Instrument :

MSVOA_X

ClientSampleId :

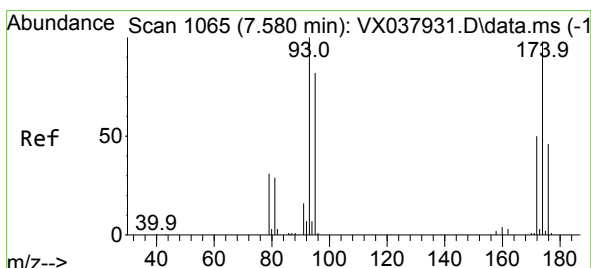
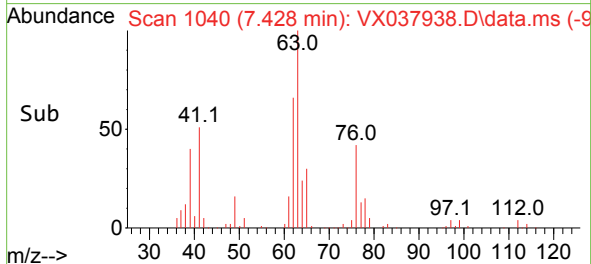
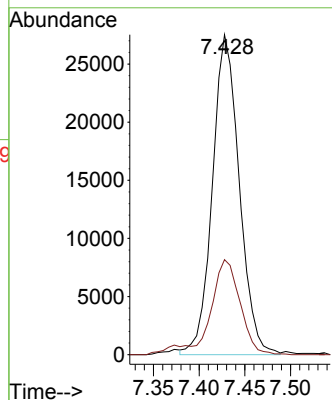
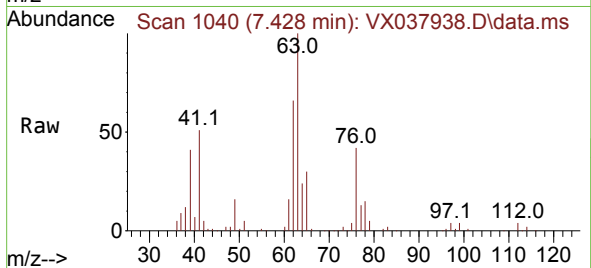
VSTDCCC020

Tgt Ion: 63 Resp: 56305

Ion Ratio Lower Upper

63 100

65 29.6 26.4 39.6



#40

Dibromomethane

Concen: 20.317 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

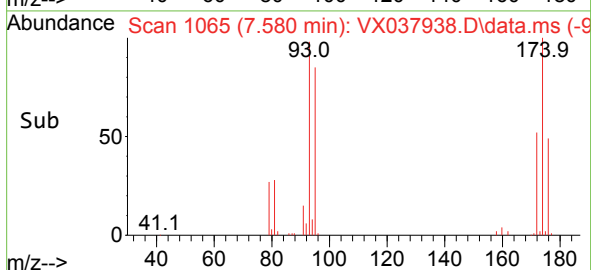
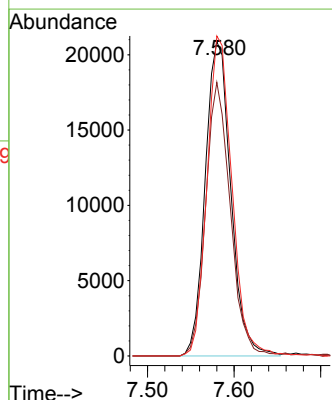
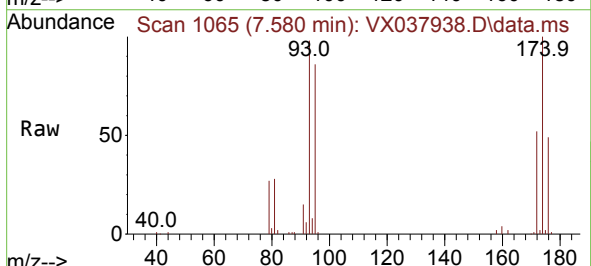
Tgt Ion: 93 Resp: 42899

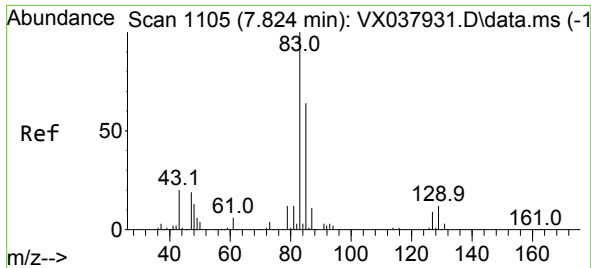
Ion Ratio Lower Upper

93 100

95 83.4 0.0 166.8

174 98.8 0.0 191.6

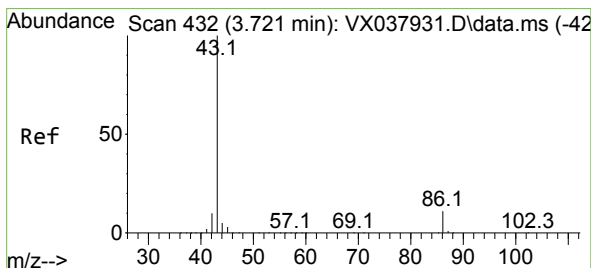
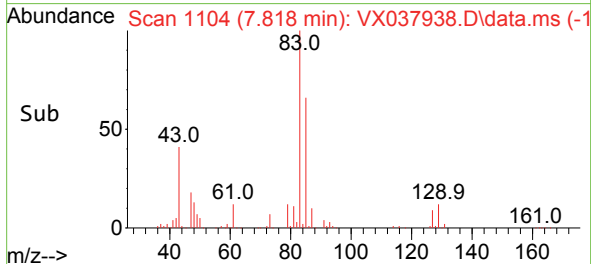
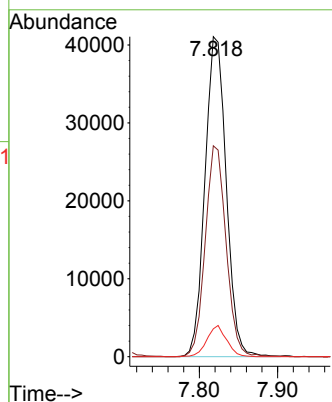
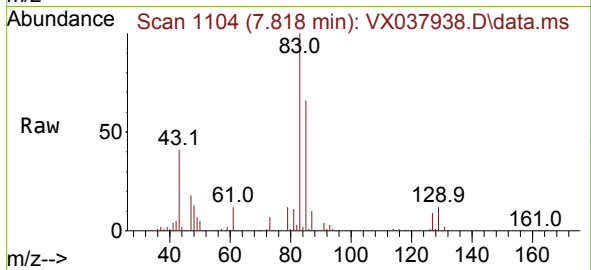




#41
Bromodichloromethane
Concen: 20.114 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

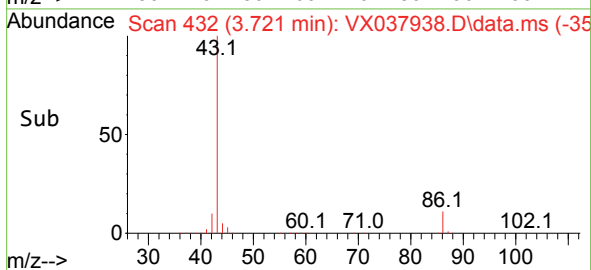
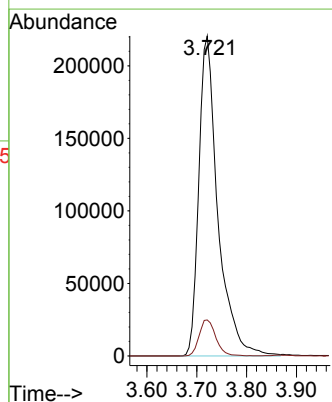
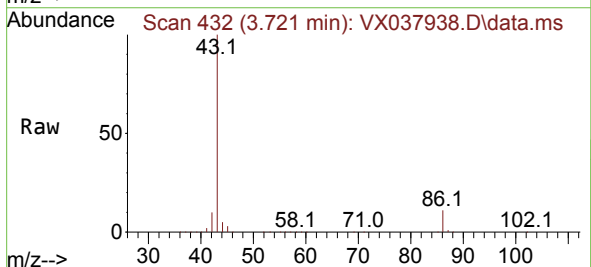
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

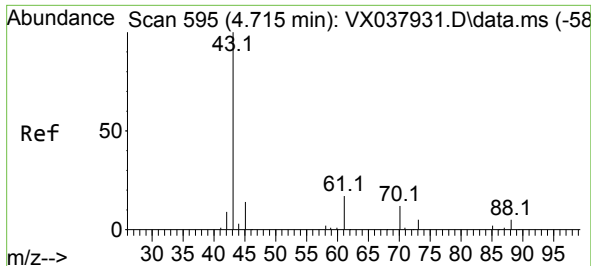
Tgt Ion: 83 Resp: 77540
Ion Ratio Lower Upper
83 100
85 65.8 51.5 77.3
127 8.7 6.4 9.6



#42
Vinyl Acetate
Concen: 103.402 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 43 Resp: 585719
Ion Ratio Lower Upper
43 100
86 9.9 7.4 11.0

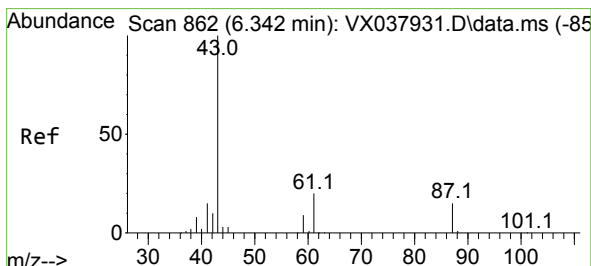
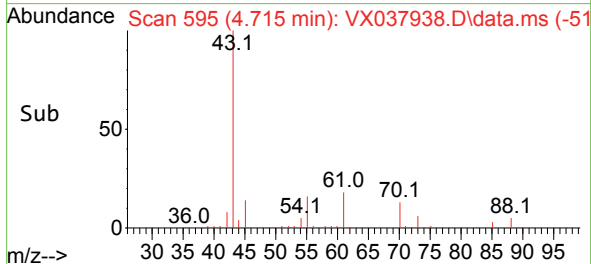
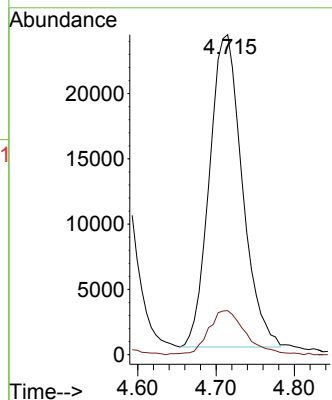
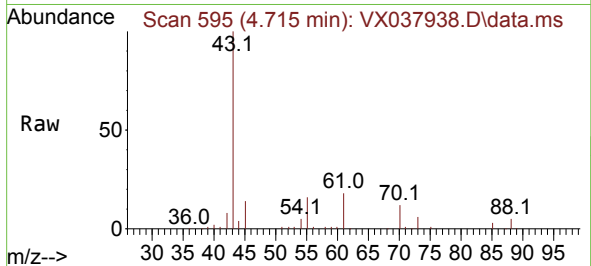




#43
Ethyl Acetate
Concen: 19.629 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

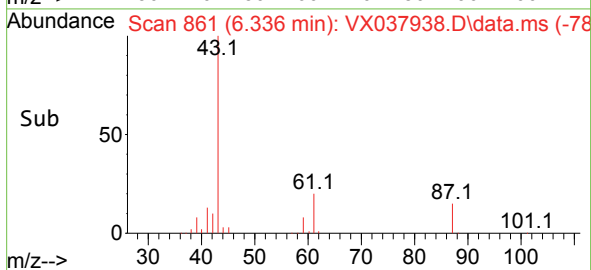
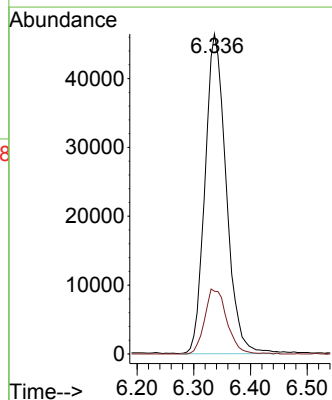
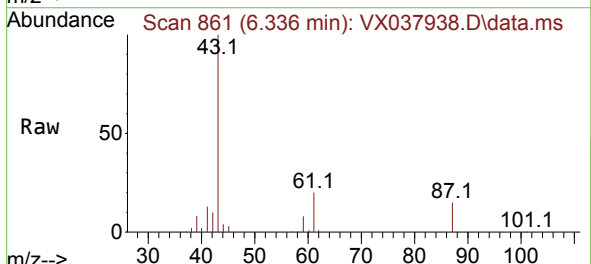
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

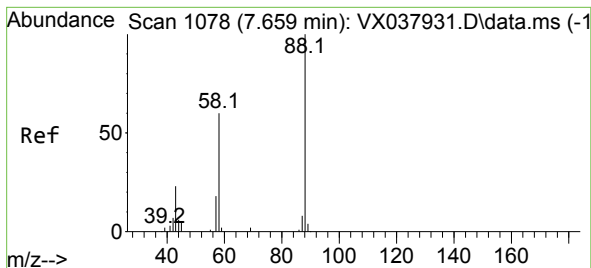
Tgt Ion: 43 Resp: 69728
Ion Ratio Lower Upper
43 100
45 16.0 12.6 18.8



#44
Isopropyl Acetate
Concen: 20.503 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 43 Resp: 120490
Ion Ratio Lower Upper
43 100
61 21.2 15.4 23.0





#45

1,4-Dioxane

Concen: 447.157 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

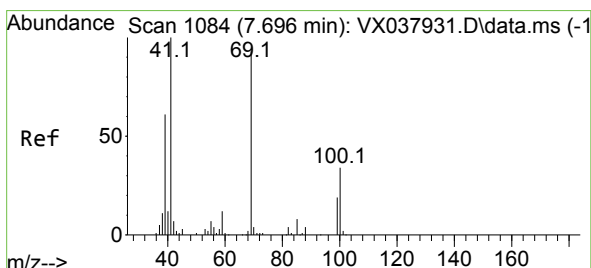
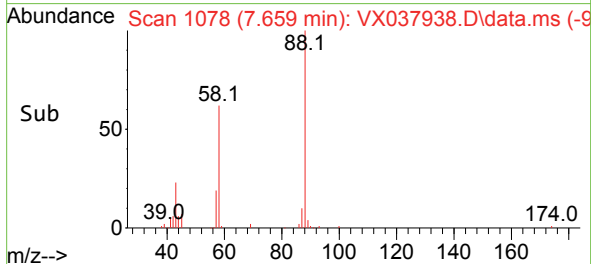
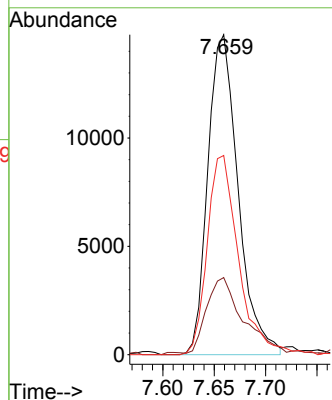
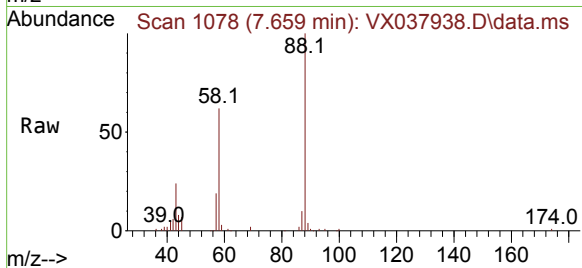
Tgt Ion: 88 Resp: 30282

Ion Ratio Lower Upper

88 100

43 28.0 297.5 446.3#

58 64.5 1.0 1.4#



#46

Methyl methacrylate

Concen: 20.560 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.006 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

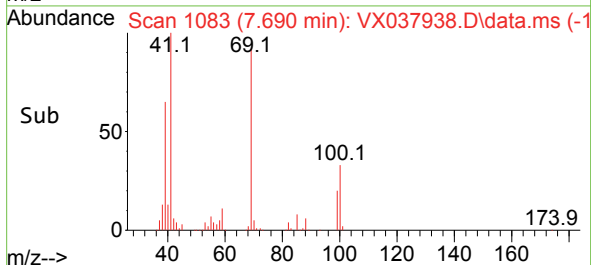
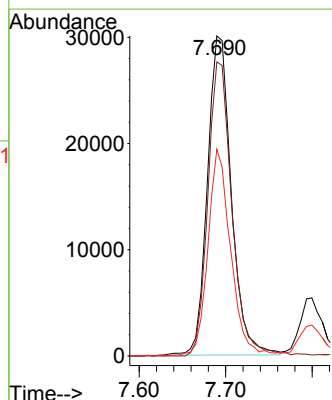
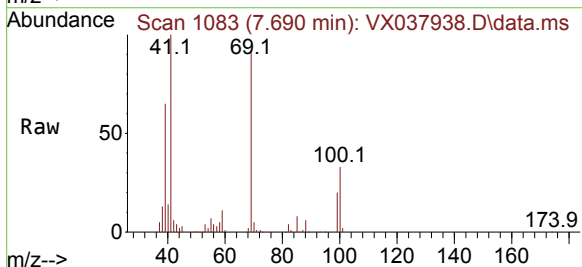
Tgt Ion: 41 Resp: 57437

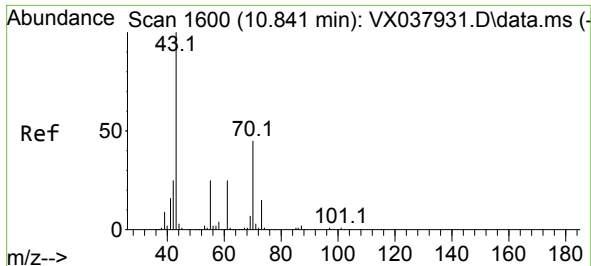
Ion Ratio Lower Upper

41 100

69 92.7 44.4 133.1

39 64.8 34.9 104.7

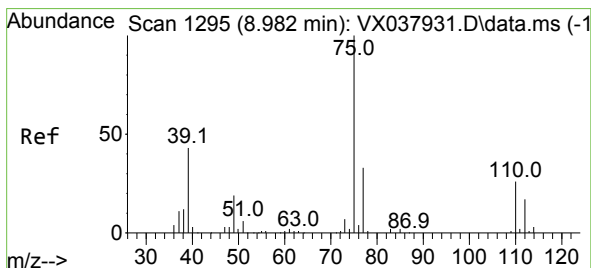
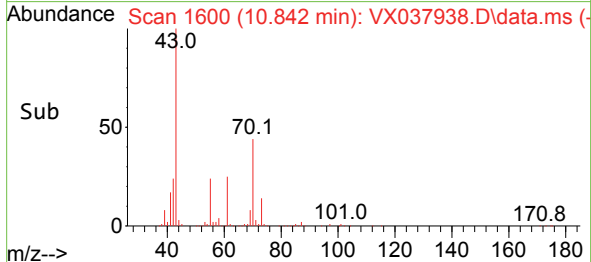
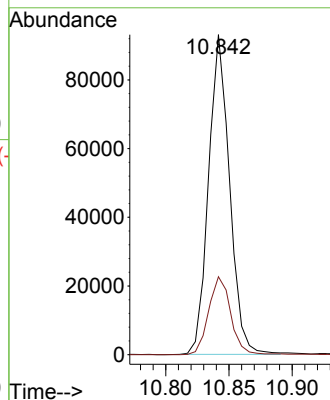
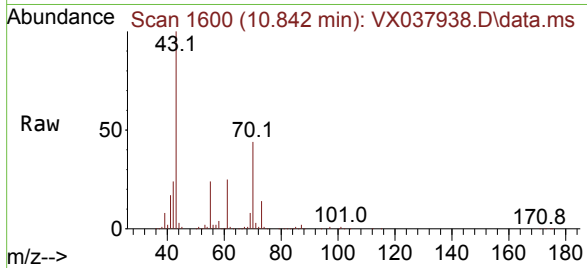




#47
n-amyl acetate
Concen: 19.443 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

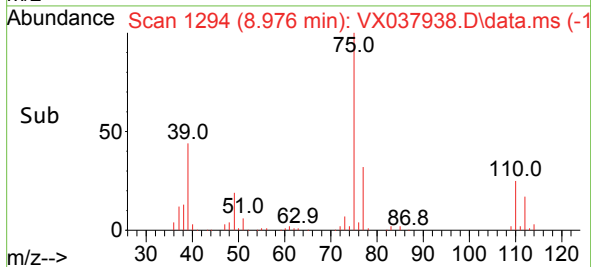
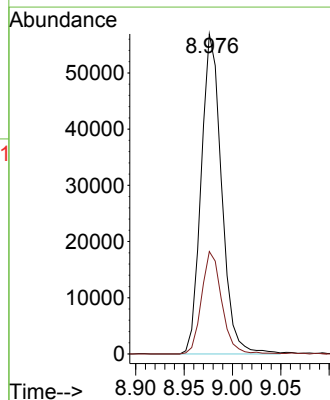
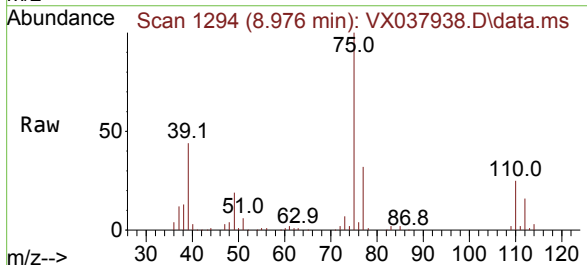
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

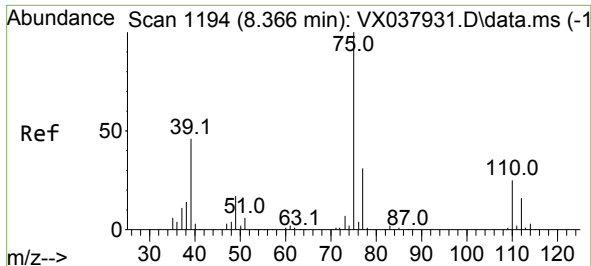
Tgt Ion: 43 Resp: 107503
Ion Ratio Lower Upper
43 100
55 25.6 18.6 28.0



#48
t-1,3-Dichloropropene
Concen: 20.047 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 75 Resp: 83953
Ion Ratio Lower Upper
75 100
77 32.0 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 19.873 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

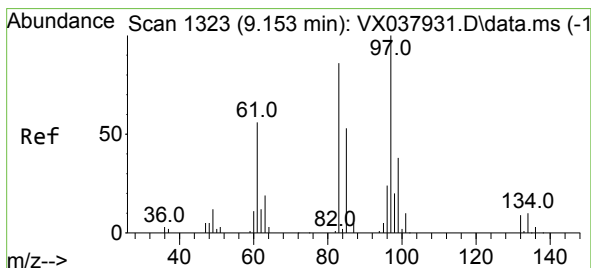
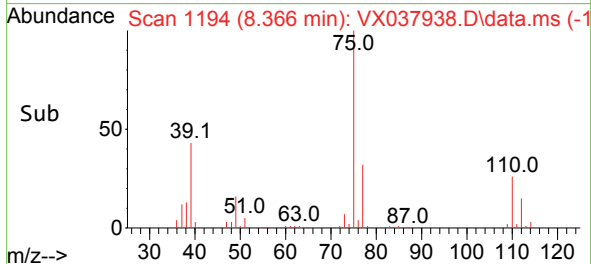
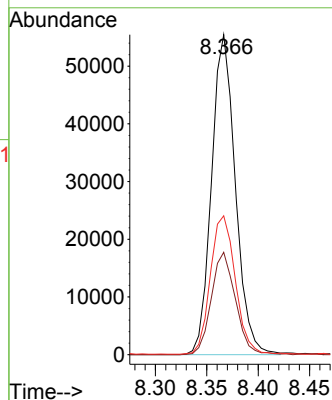
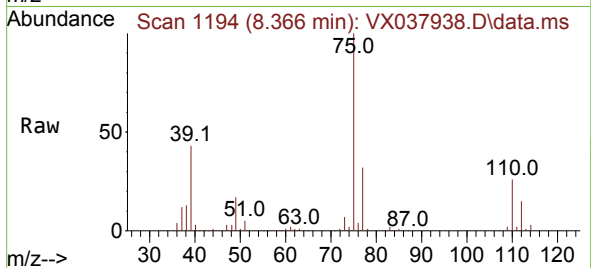
Tgt Ion: 75 Resp: 89377

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2

39 43.2 40.2 60.4



#50

1,1,2-Trichloroethane

Concen: 20.168 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

Tgt Ion: 97 Resp: 60856

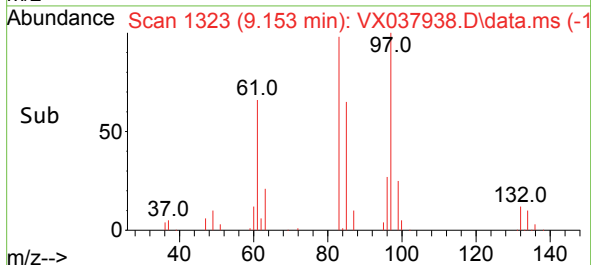
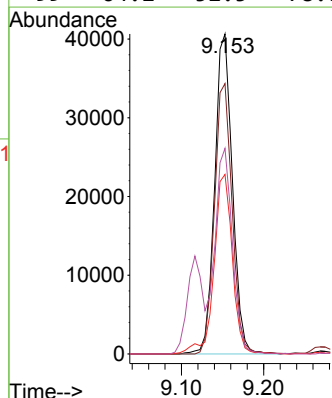
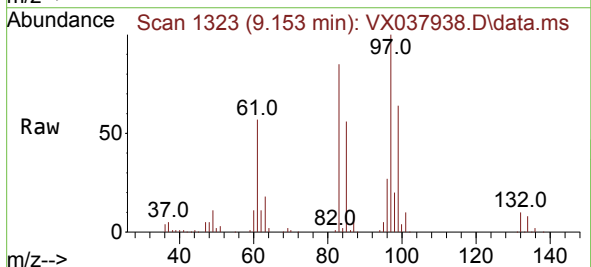
Ion Ratio Lower Upper

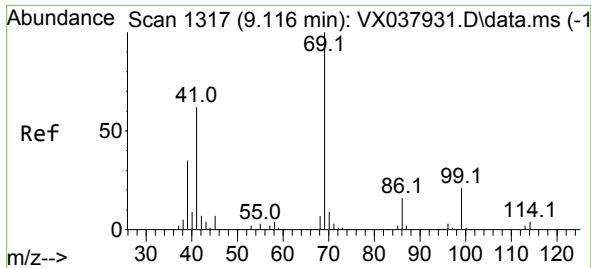
97 100

83 84.5 70.0 105.0

85 55.9 46.1 69.1

99 64.2 52.5 78.7

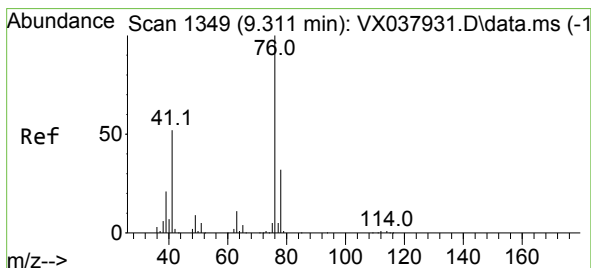
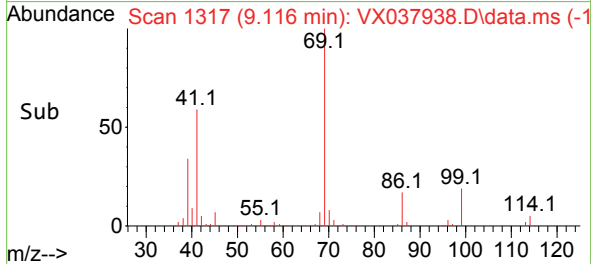
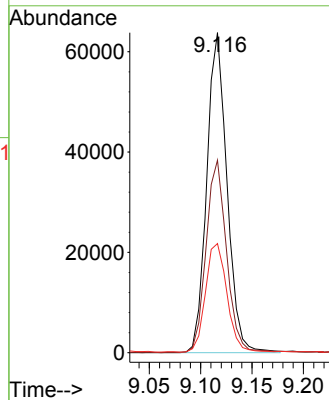
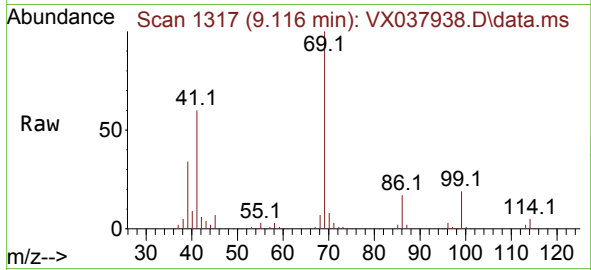




#51
Ethyl methacrylate
Concen: 19.662 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

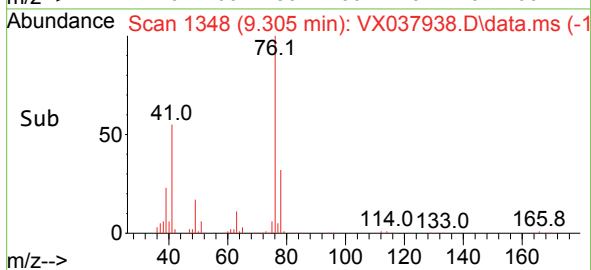
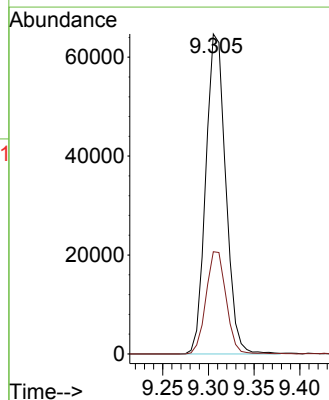
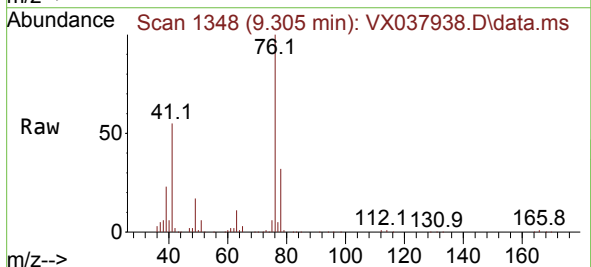
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

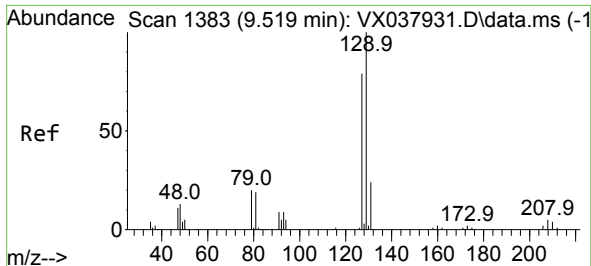
Tgt Ion: 69 Resp: 87420
Ion Ratio Lower Upper
69 100
41 60.0 32.0 96.0
39 33.9 19.4 58.4



#52
1,3-Dichloropropane
Concen: 20.241 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 76 Resp: 97974
Ion Ratio Lower Upper
76 100
78 32.1 0.0 63.6

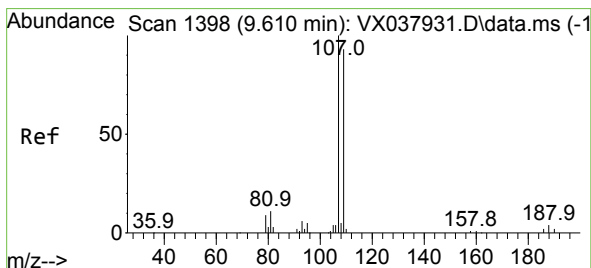
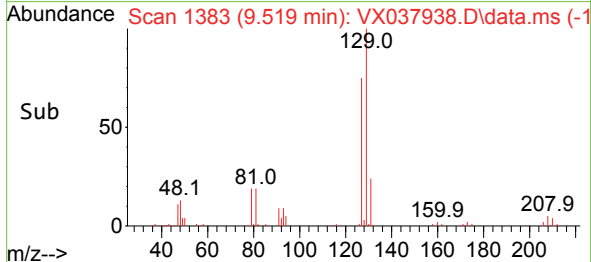
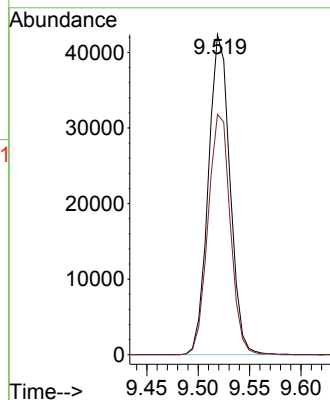
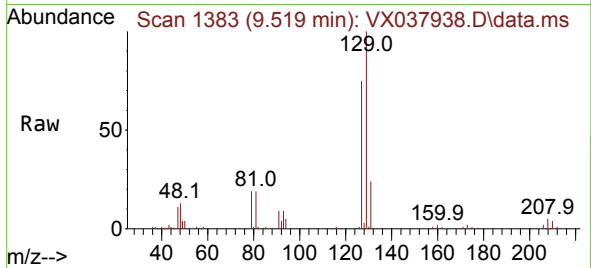




#53
Dibromochloromethane
Concen: 19.896 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

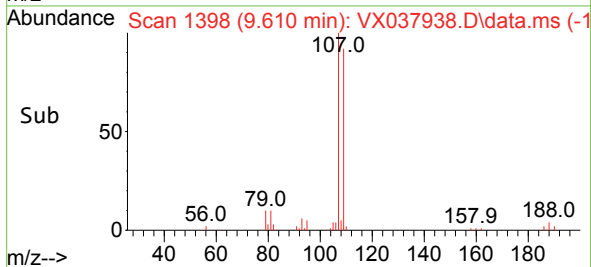
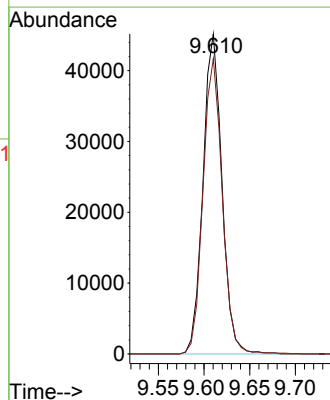
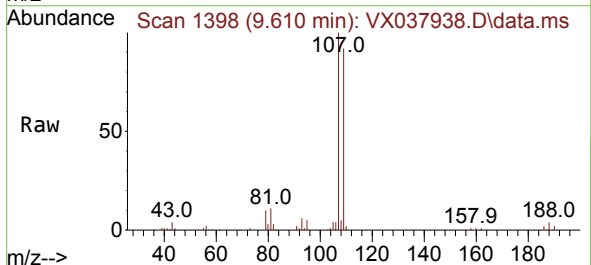
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

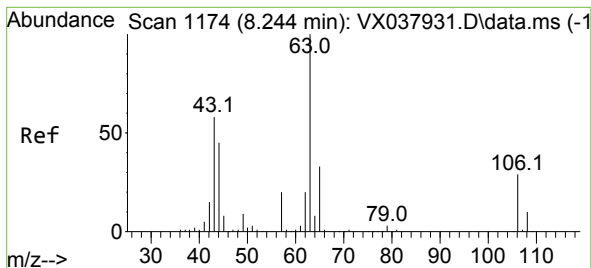
Tgt Ion:129 Resp: 61873
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8



#54
1,2-Dibromoethane
Concen: 19.938 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion:107 Resp: 65285
Ion Ratio Lower Upper
107 100
109 93.3 74.7 112.1

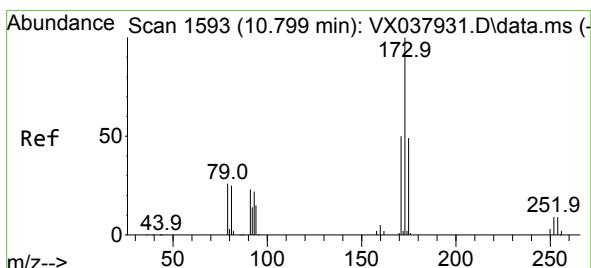
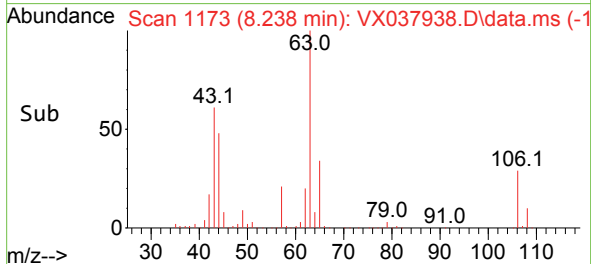
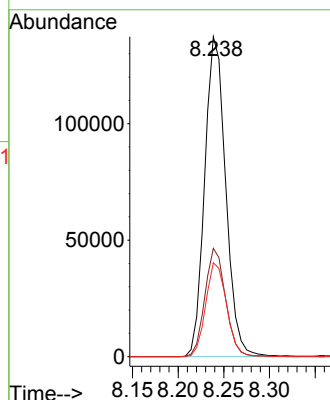
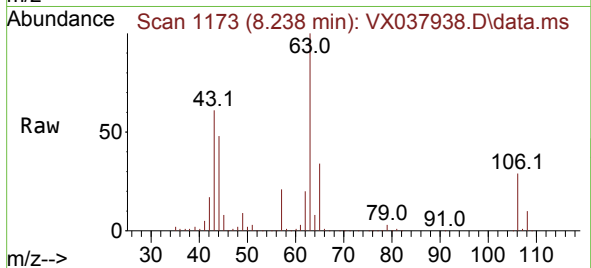




#55
 2-Chloroethyl vinyl ether
 Concen: 101.348 ug/l
 RT: 8.238 min Scan# 1173
 Delta R.T. -0.006 min
 Lab File: VX037938.D
 Acq: 28 Sep 2023 09:30

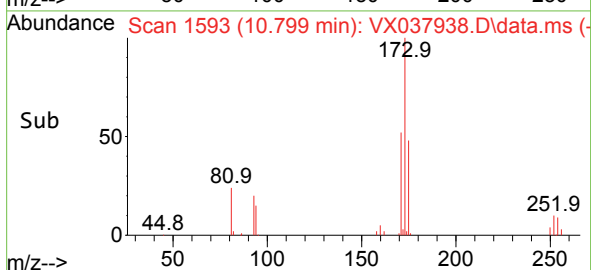
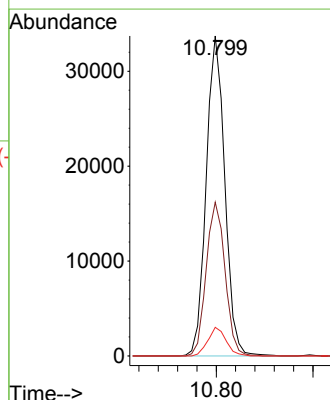
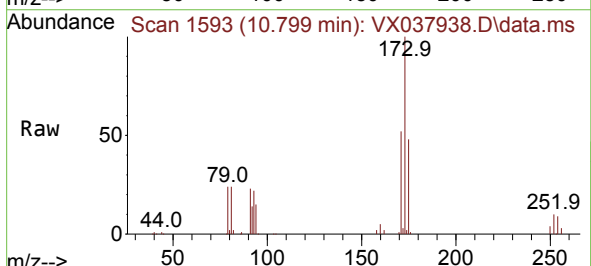
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

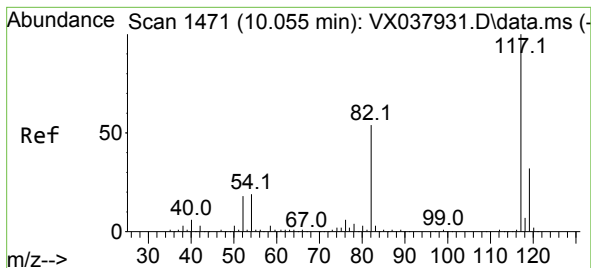
Tgt Ion: 63 Resp: 219654
 Ion Ratio Lower Upper
 63 100
 65 33.2 25.9 38.9
 106 29.0 21.8 32.8



#56
 Bromoform
 Concen: 19.301 ug/l
 RT: 10.799 min Scan# 1593
 Delta R.T. 0.000 min
 Lab File: VX037938.D
 Acq: 28 Sep 2023 09:30

Tgt Ion: 173 Resp: 45145
 Ion Ratio Lower Upper
 173 100
 175 48.8 38.1 57.1
 254 8.8 6.7 10.1

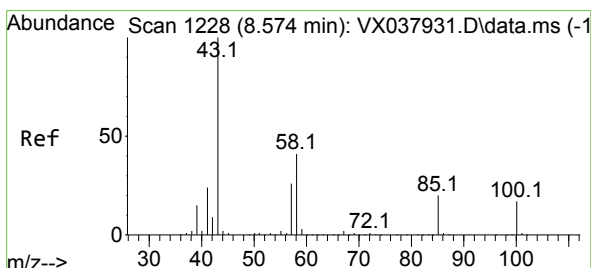
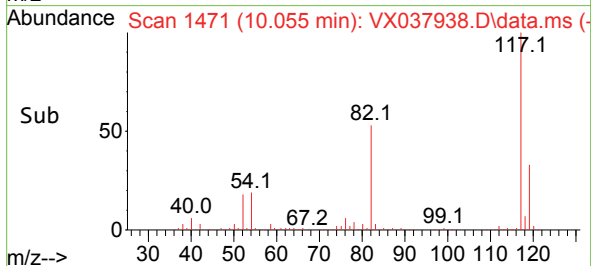
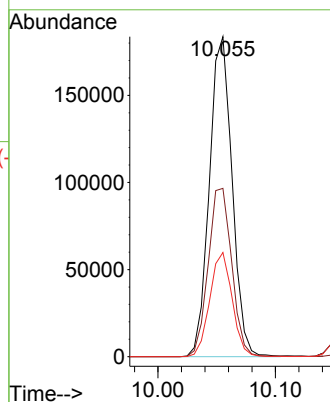
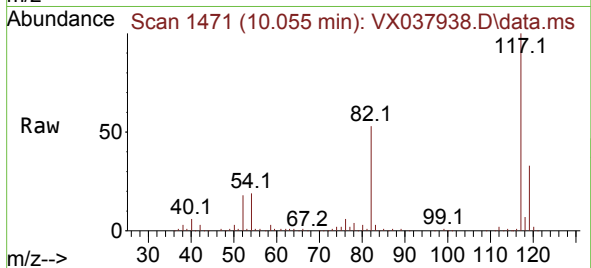




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

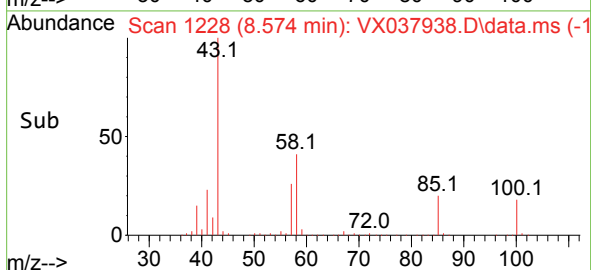
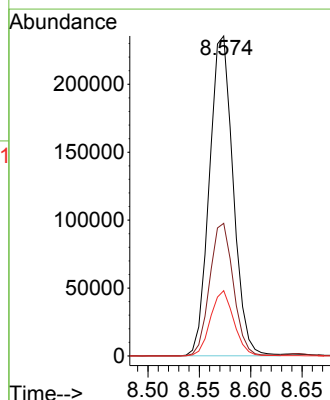
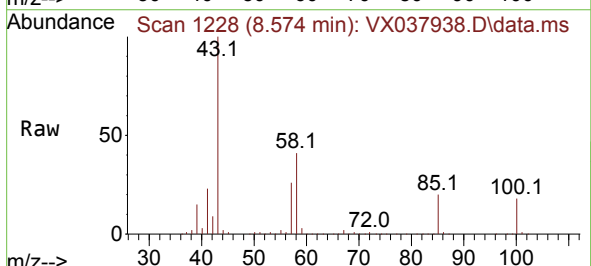
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

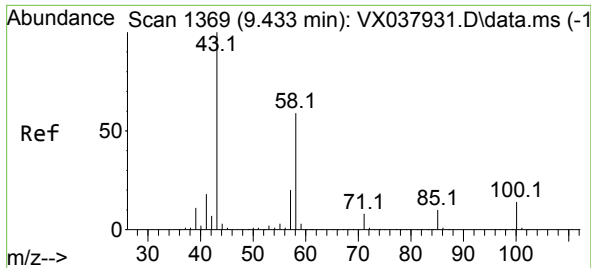
Tgt Ion:117 Resp: 246981
Ion Ratio Lower Upper
117 100
82 54.5 44.7 67.1
119 32.2 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 104.780 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 43 Resp: 378832
Ion Ratio Lower Upper
43 100
58 41.3 30.9 46.3
85 20.1 14.4 21.6

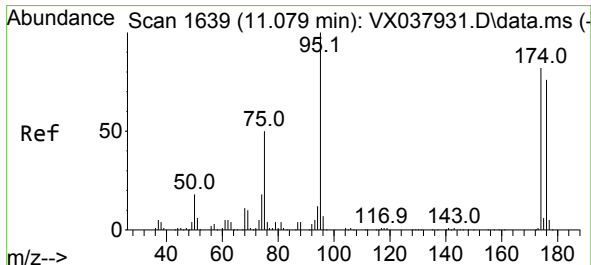
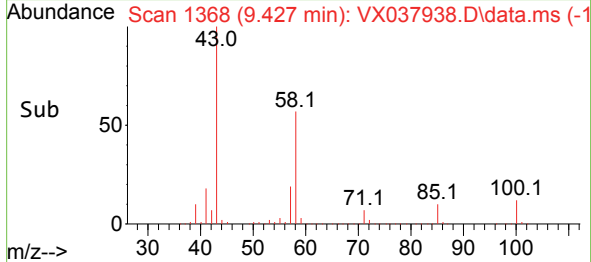
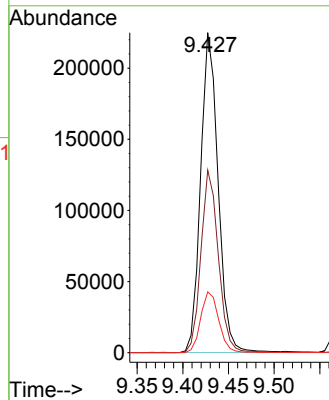
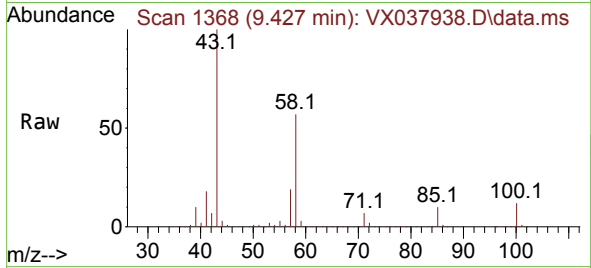




#59
2-Hexanone
Concen: 108.849 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

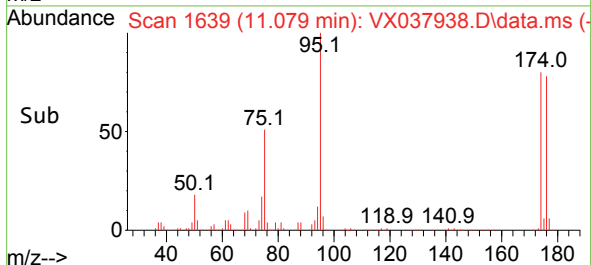
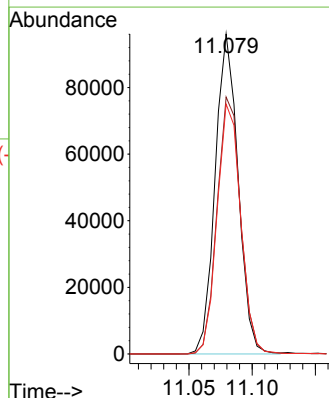
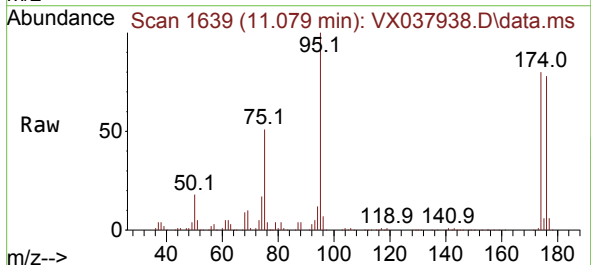
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

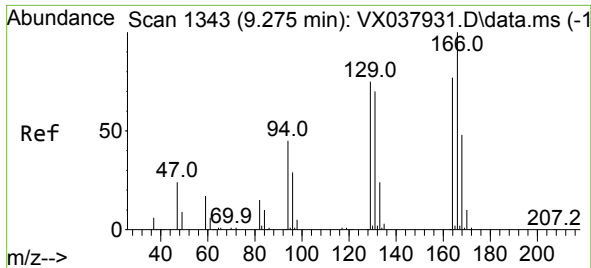
Tgt Ion: 43 Resp: 298869
Ion Ratio Lower Upper
43 100
58 56.7 43.4 65.2
57 19.7 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 30.025 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 95 Resp: 120889
Ion Ratio Lower Upper
95 100
174 82.7 60.5 90.7
176 80.6 58.2 87.4

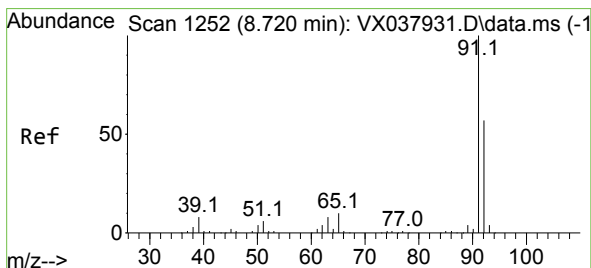
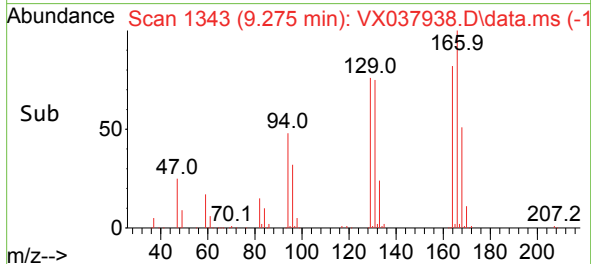
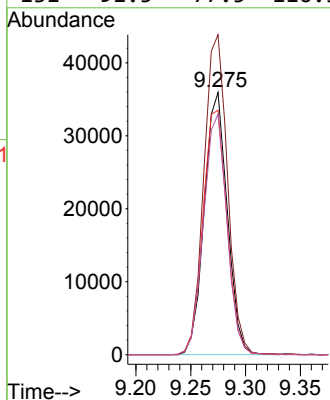
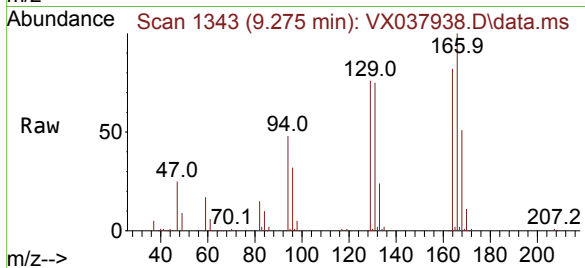




#61
Tetrachloroethene
Concen: 20.008 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

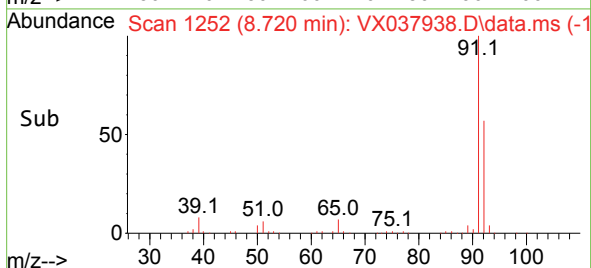
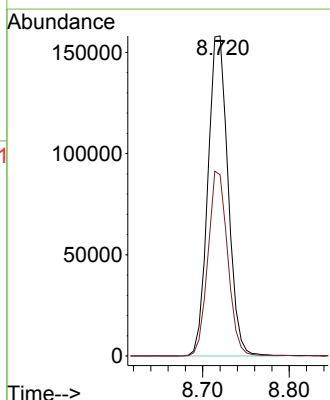
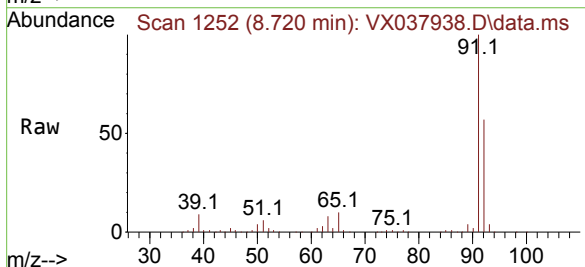
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

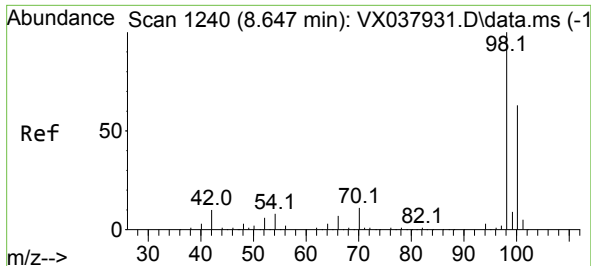
Tgt Ion:164 Resp: 52589
Ion Ratio Lower Upper
164 100
166 122.0 104.5 156.7
129 93.1 78.0 117.0
131 91.5 77.5 116.3



#62
Toluene
Concen: 19.942 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 91 Resp: 255487
Ion Ratio Lower Upper
91 100
92 56.5 44.9 67.3

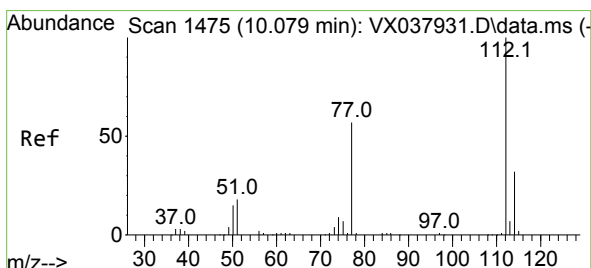
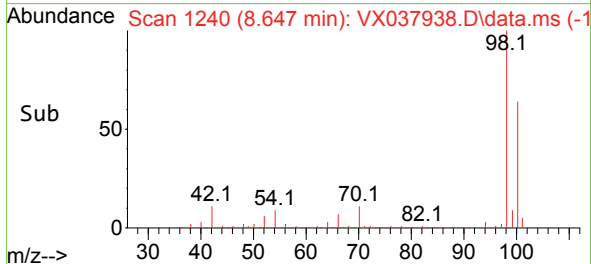
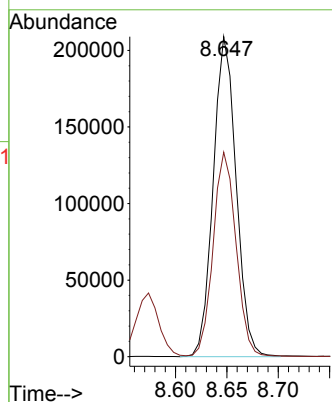
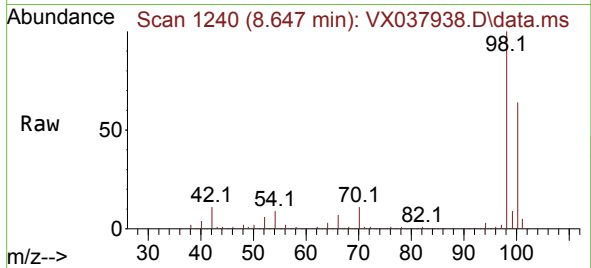




#63
Toluene-d8
Concen: 30.396 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

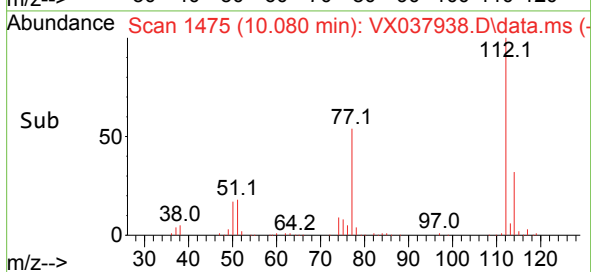
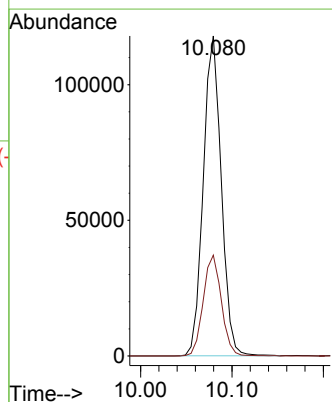
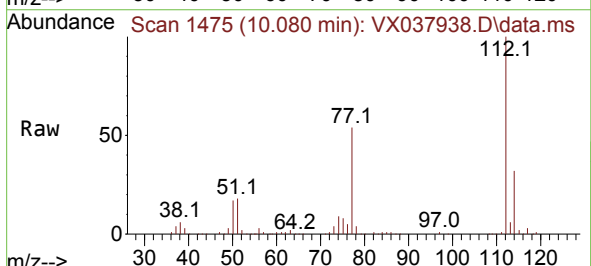
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

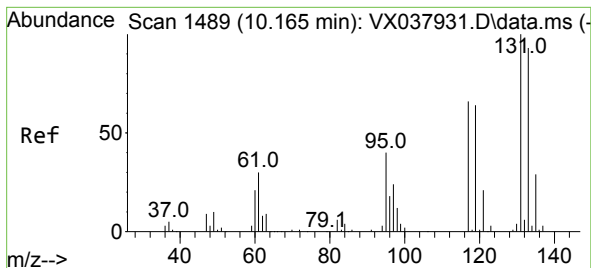
Tgt Ion: 98 Resp: 324070
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#64
Chlorobenzene
Concen: 20.116 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 112 Resp: 160767
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

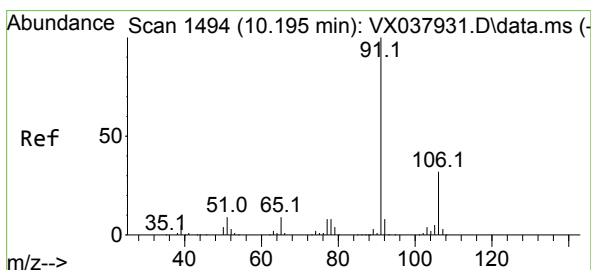
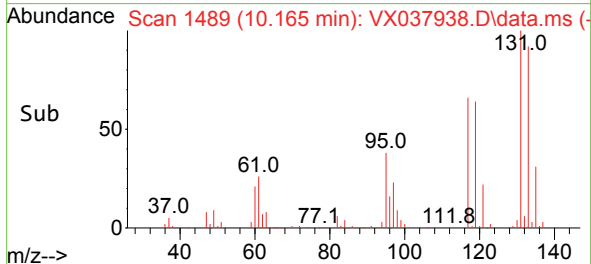
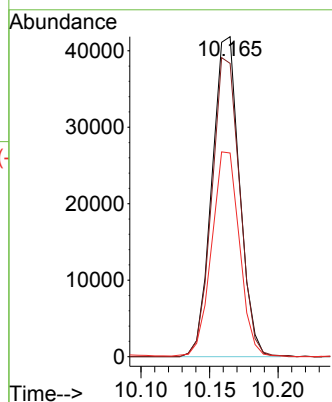
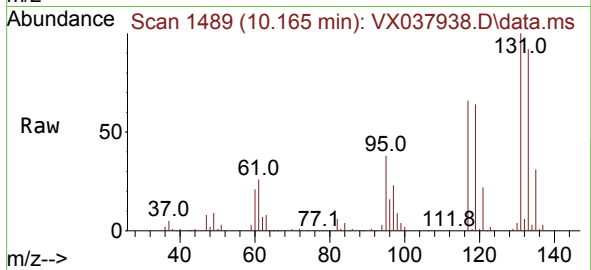




#65
1,1,1,2-Tetrachloroethane
Concen: 20.159 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

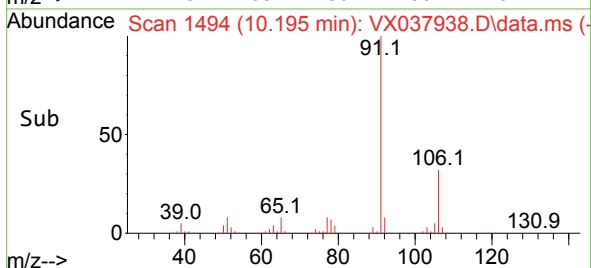
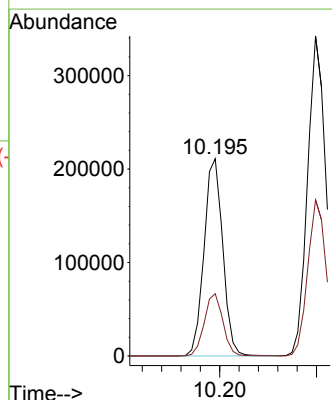
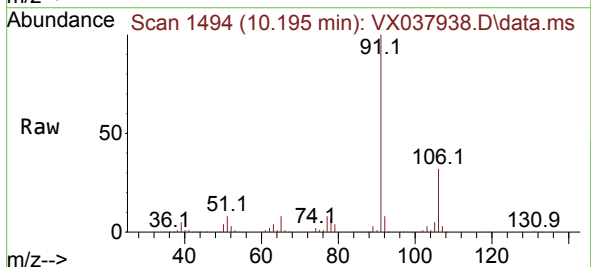
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

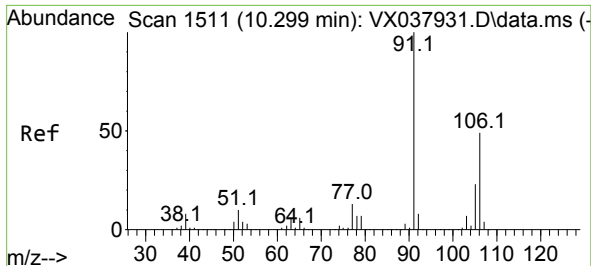
Tgt Ion:131 Resp: 58482
Ion Ratio Lower Upper
131 100
133 94.3 0.0 192.0
119 64.7 0.0 132.8



#66
Ethyl Benzene
Concen: 20.098 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 91 Resp: 284176
Ion Ratio Lower Upper
91 100
106 31.6 24.2 36.4





#67

m/p-Xylenes

Concen: 39.948 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

Instrument :

MSVOA_X

ClientSampleId :

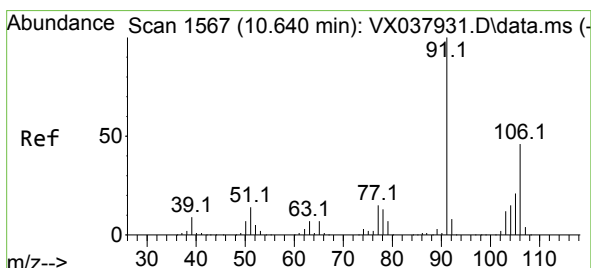
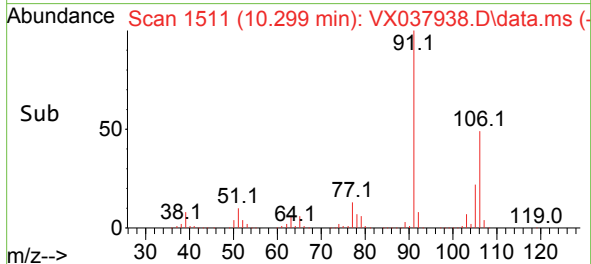
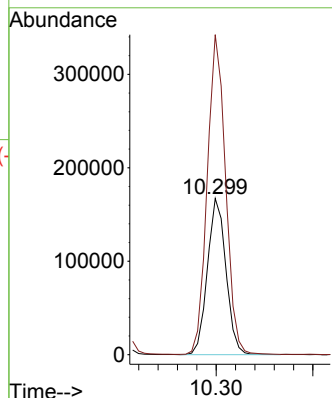
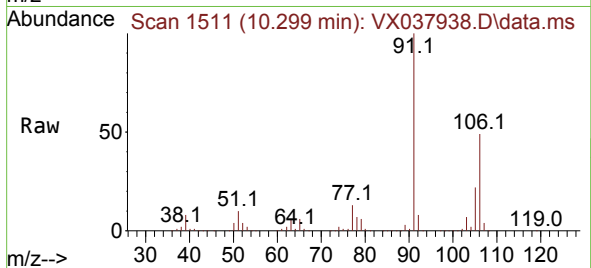
VSTDCCC020

Tgt Ion:106 Resp: 222514

Ion Ratio Lower Upper

106 100

91 202.9 160.5 240.7



#68

o-Xylene

Concen: 19.847 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX037938.D

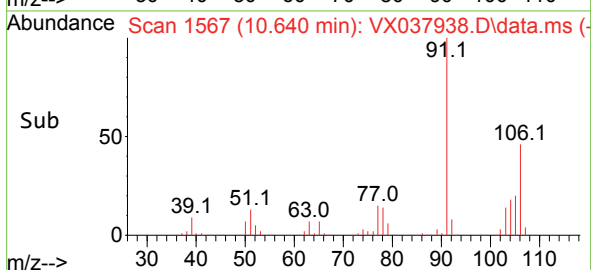
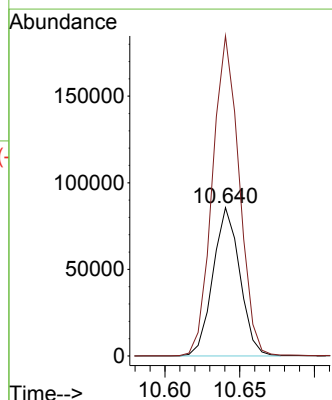
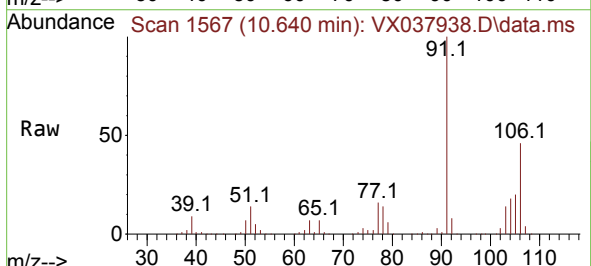
Acq: 28 Sep 2023 09:30

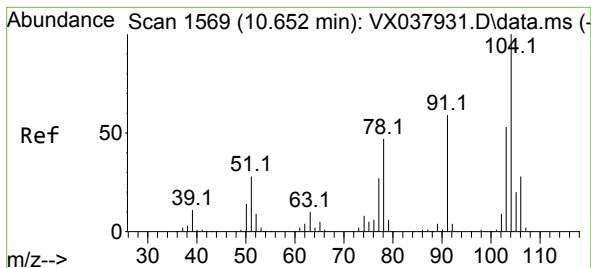
Tgt Ion:106 Resp: 107054

Ion Ratio Lower Upper

106 100

91 214.9 105.4 316.1





#69

Styrene

Concen: 19.745 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

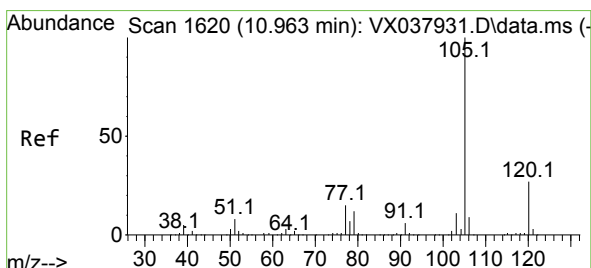
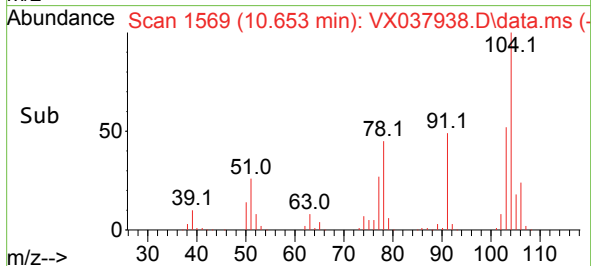
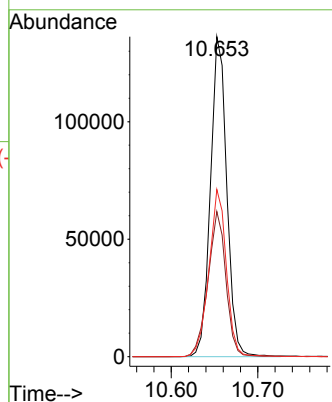
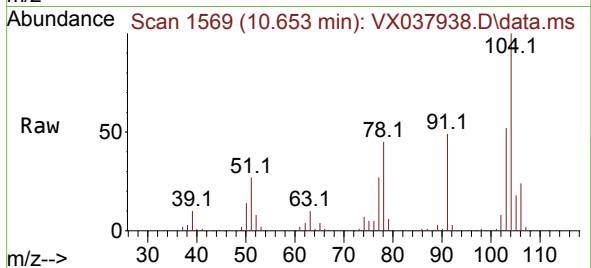
Tgt Ion:104 Resp: 178673

Ion Ratio Lower Upper

104 100

78 49.7 41.0 61.4

103 55.9 45.5 68.3



#70

Isopropylbenzene

Concen: 20.016 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX037938.D

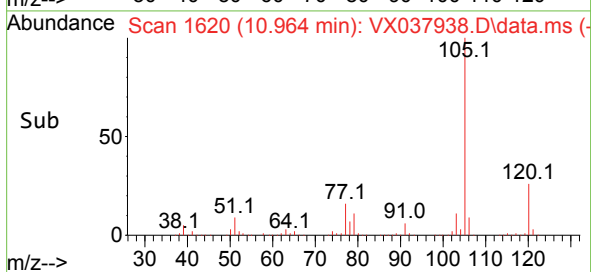
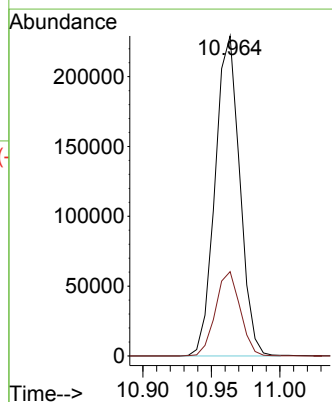
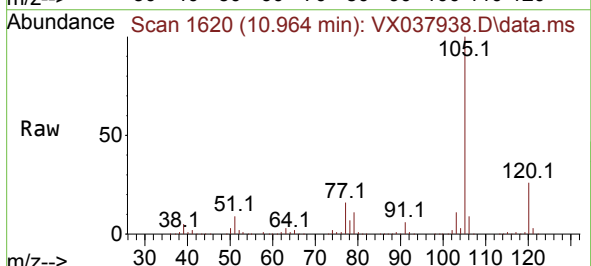
Acq: 28 Sep 2023 09:30

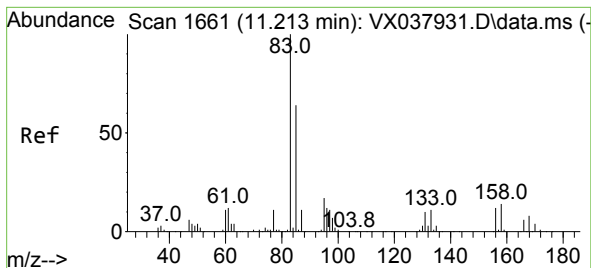
Tgt Ion:105 Resp: 286525

Ion Ratio Lower Upper

105 100

120 26.4 19.5 36.3

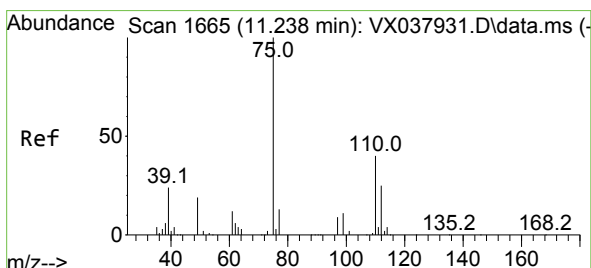
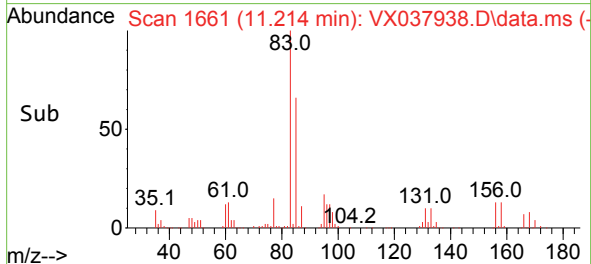
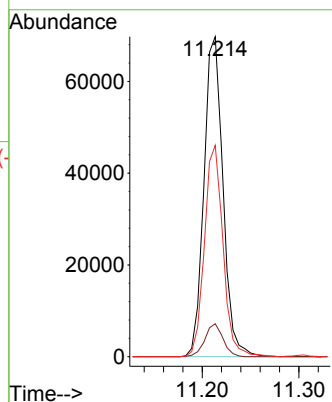
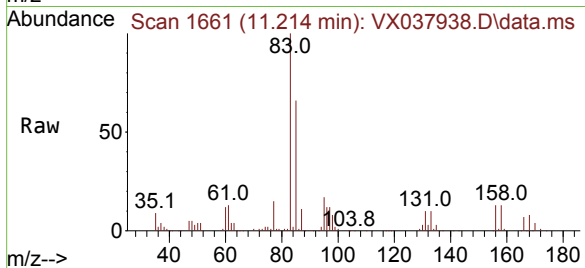




#71
1,1,2,2-Tetrachloroethane
Concen: 20.274 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

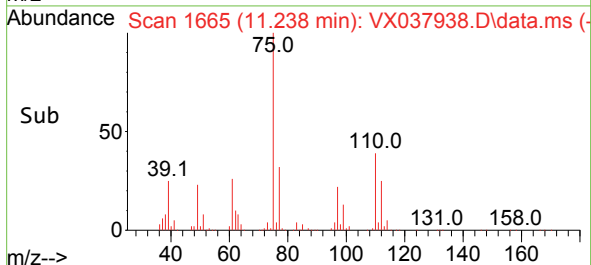
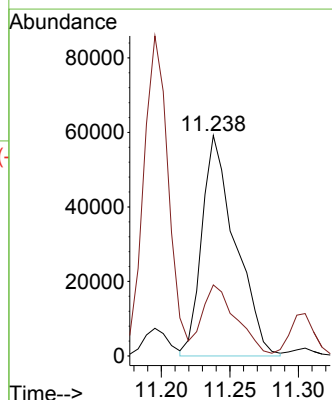
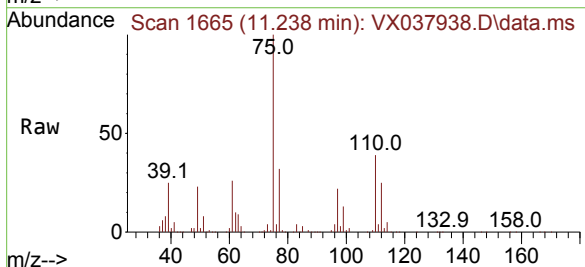
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

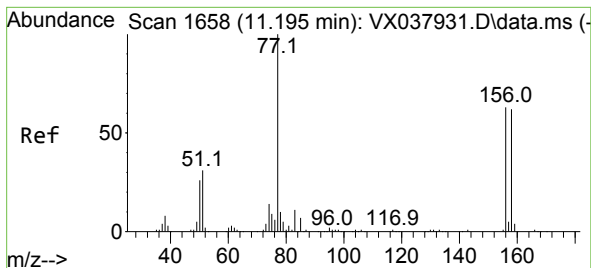
Tgt Ion: 83 Resp: 95651
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 64.5 32.4 97.0



#72
1,2,3-Trichloropropane
Concen: 24.369 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 75 Resp: 100948
Ion Ratio Lower Upper
75 100
77 33.0 0.0 77.2





#73

Bromobenzene

Concen: 19.633 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

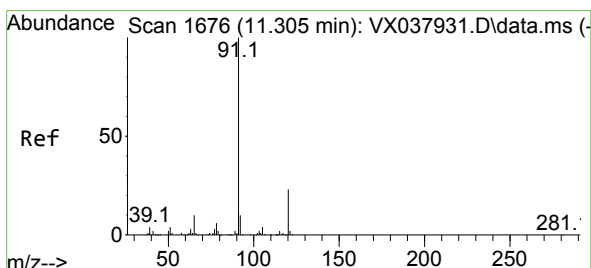
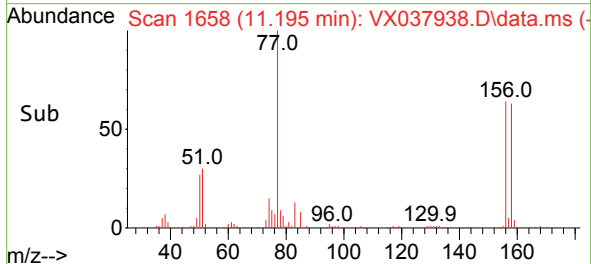
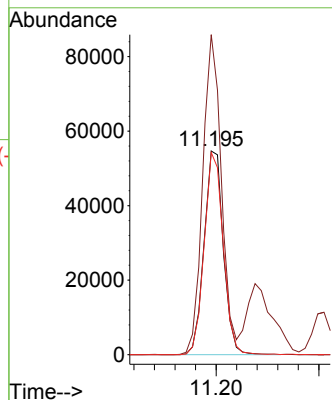
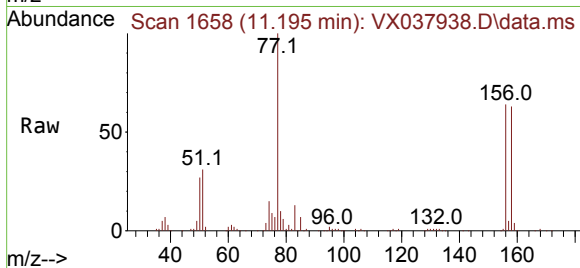
Tgt Ion:156 Resp: 71285

Ion Ratio Lower Upper

156 100

77 151.9 0.0 333.0

158 98.2 0.0 196.4



#74

n-propylbenzene

Concen: 20.091 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037938.D

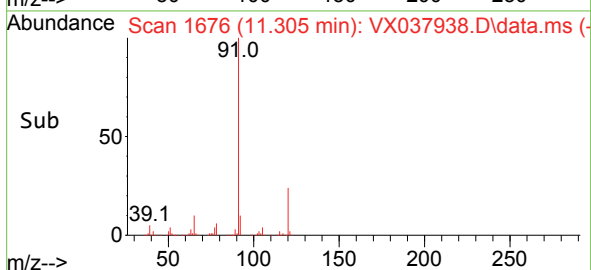
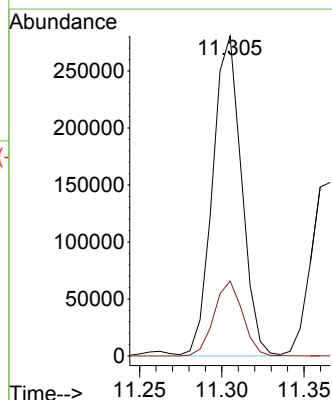
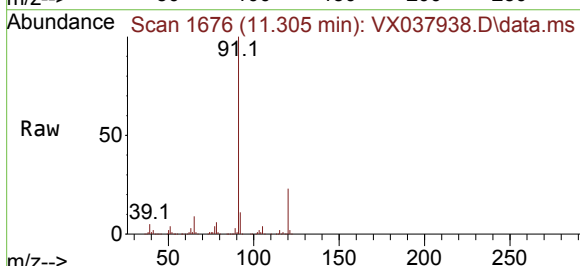
Acq: 28 Sep 2023 09:30

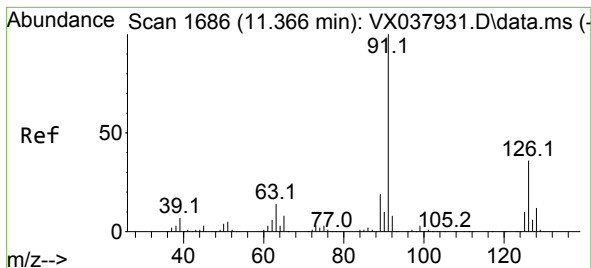
Tgt Ion: 91 Resp: 343593

Ion Ratio Lower Upper

91 100

120 23.1 0.0 46.6





#75

2-Chlorotoluene

Concen: 19.841 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

Instrument :

MSVOA_X

ClientSampleId :

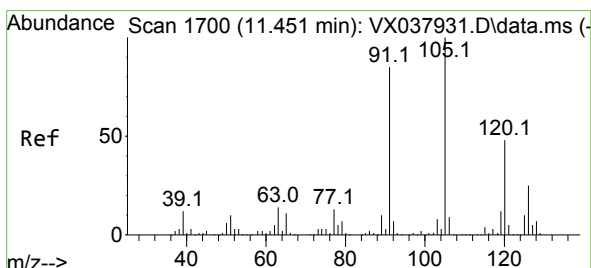
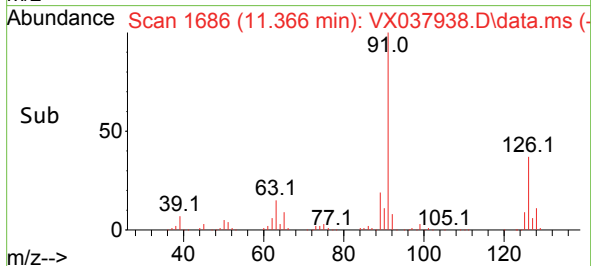
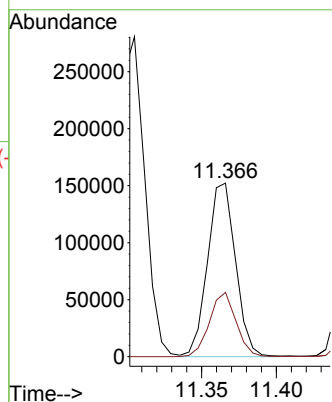
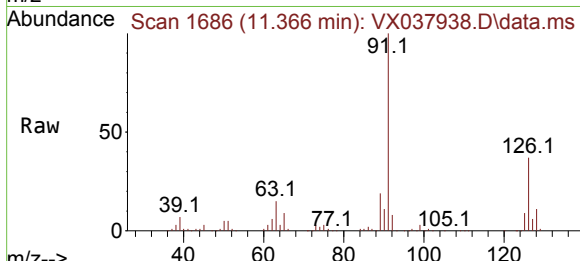
VSTDCCC020

Tgt Ion: 91 Resp: 198654

Ion Ratio Lower Upper

91 100

126 35.1 0.0 66.2



#76

1,3,5-Trimethylbenzene

Concen: 19.859 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX037938.D

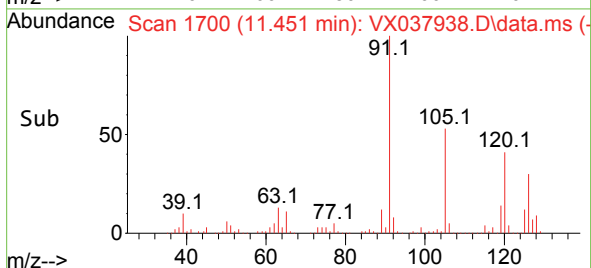
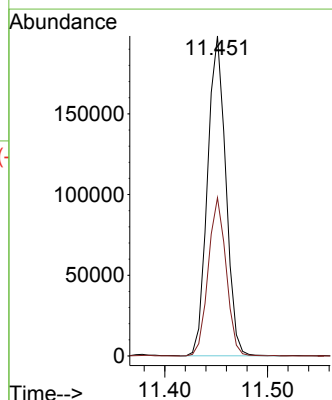
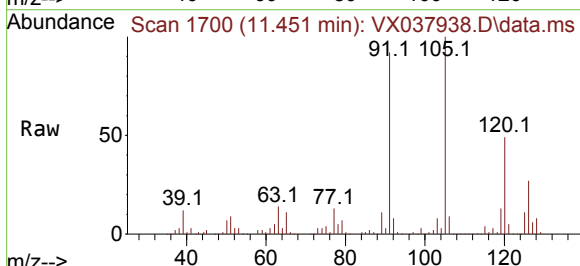
Acq: 28 Sep 2023 09:30

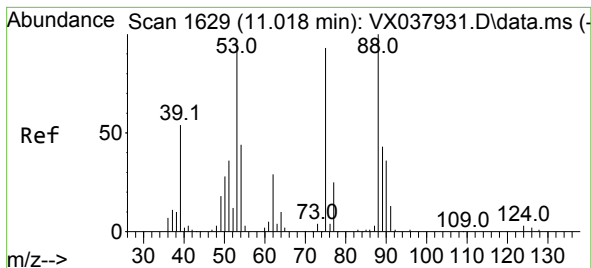
Tgt Ion: 105 Resp: 245152

Ion Ratio Lower Upper

105 100

120 48.4 0.0 96.4

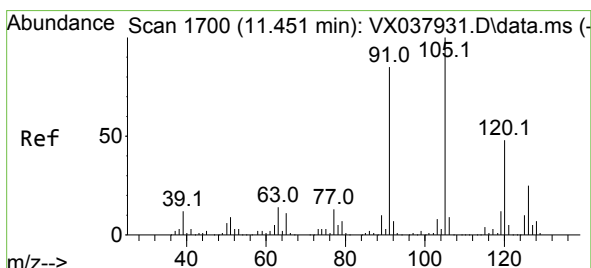
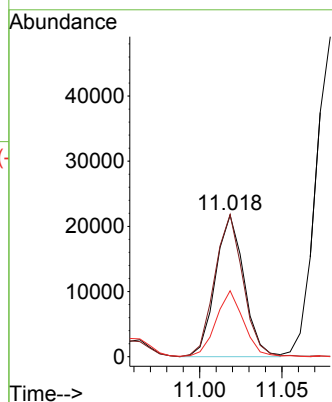
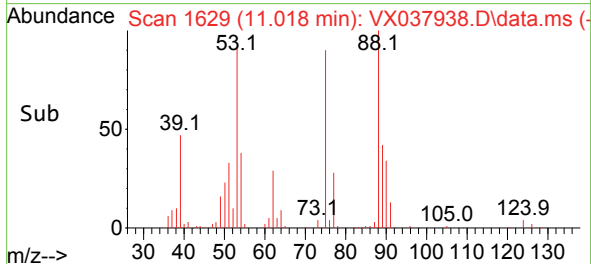
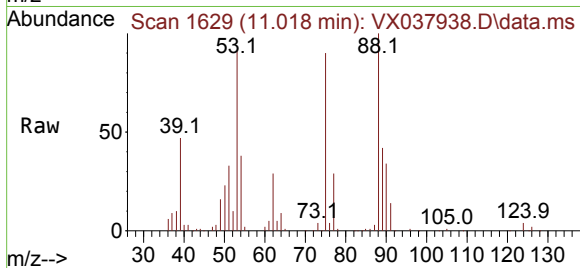




#77
t-1,4-Dichloro-2-butene
Concen: 20.026 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

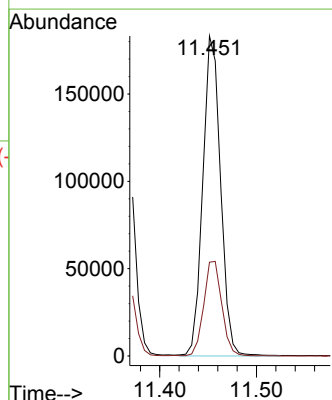
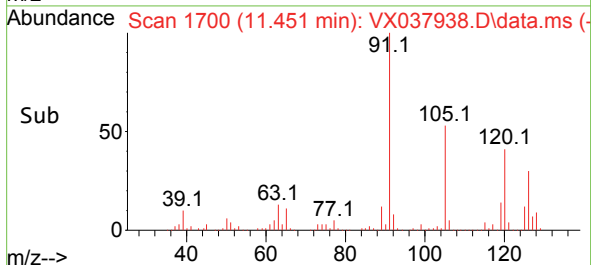
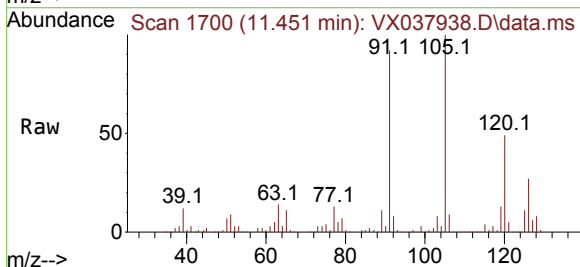
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

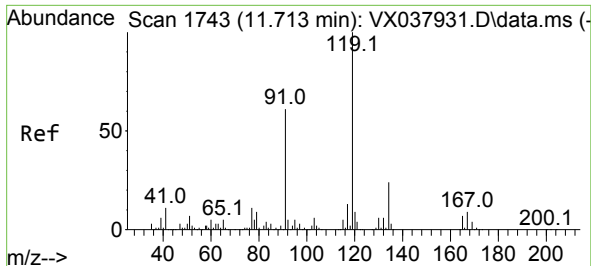
Tgt Ion: 75 Resp: 26274
Ion Ratio Lower Upper
75 100
53 100.5 53.9 161.7
89 46.3 22.1 66.1



#78
4-Chlorotoluene
Concen: 19.962 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 91 Resp: 234463
Ion Ratio Lower Upper
91 100
126 30.0 0.0 59.4

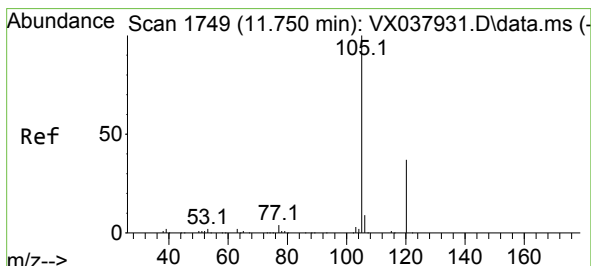
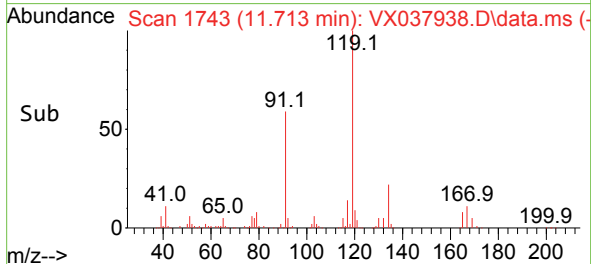
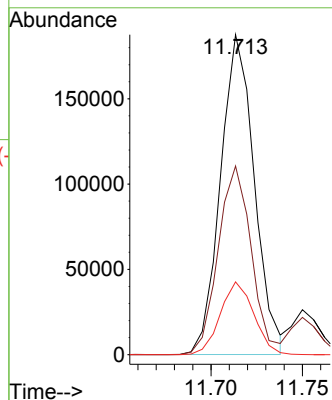
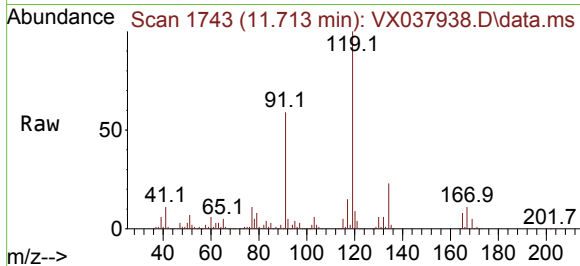




#79
tert-butylbenzene
Concen: 19.874 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

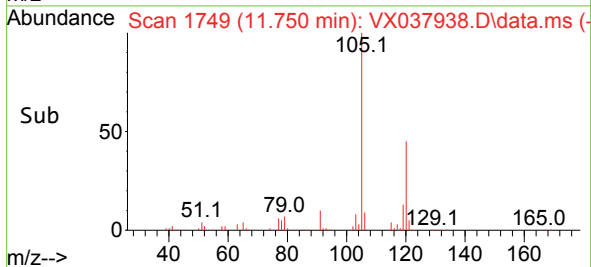
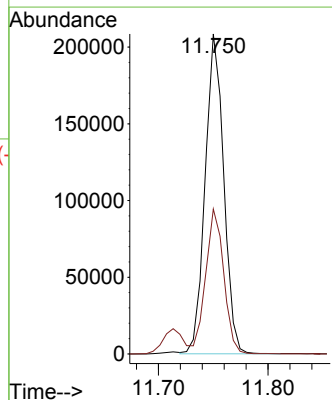
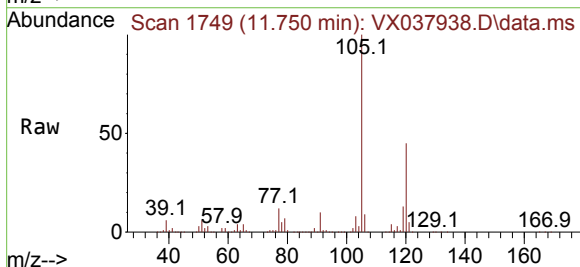
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

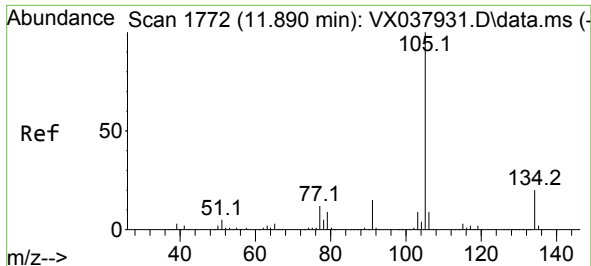
Tgt Ion:119 Resp: 241471
Ion Ratio Lower Upper
119 100
91 58.0 0.0 124.4
134 22.5 0.0 47.2



#80
1,2,4-Trimethylbenzene
Concen: 19.963 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion:105 Resp: 244979
Ion Ratio Lower Upper
105 100
120 43.9 0.0 90.2

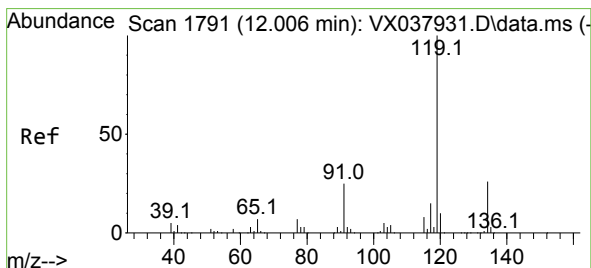
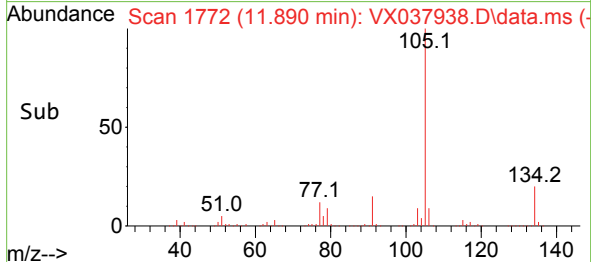
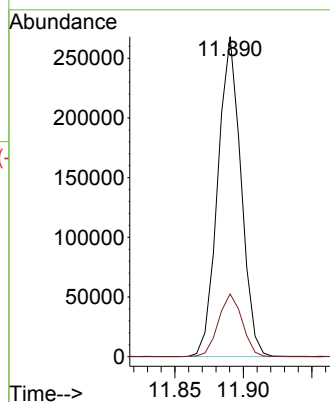
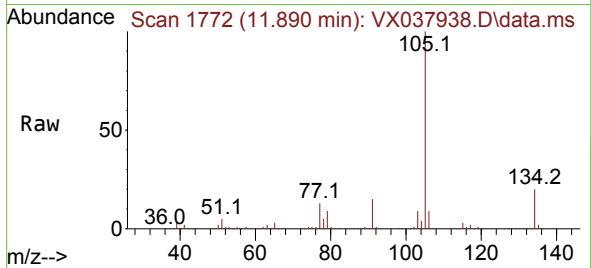




#81
 sec-Butylbenzene
 Concen: 20.174 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037938.D
 Acq: 28 Sep 2023 09:30

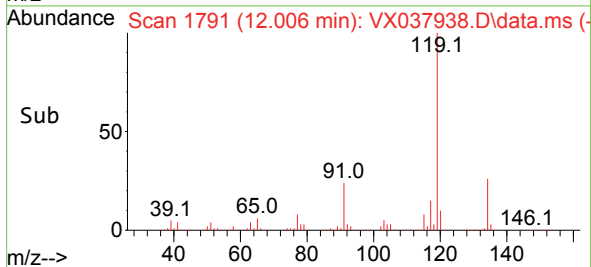
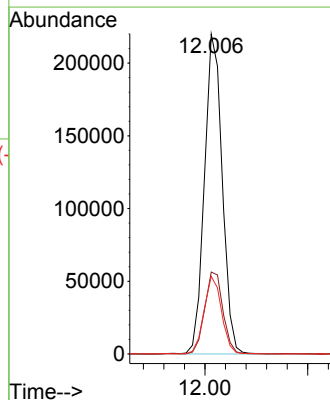
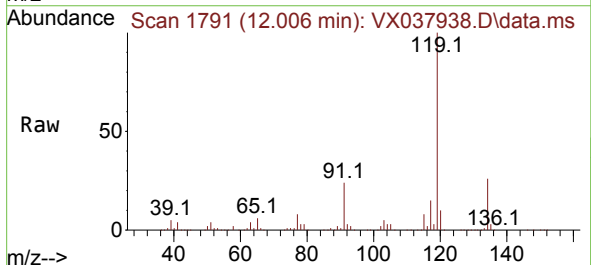
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

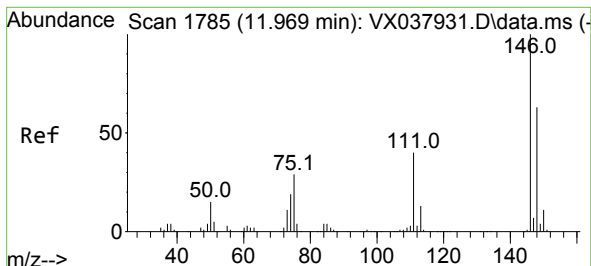
Tgt Ion:105 Resp: 315222
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 20.191 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX037938.D
 Acq: 28 Sep 2023 09:30

Tgt Ion:119 Resp: 264860
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 53.2
 91 24.0 0.0 49.4





#83

1,3-Dichlorobenzene

Concen: 20.036 ug/l

RT: 11.970 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

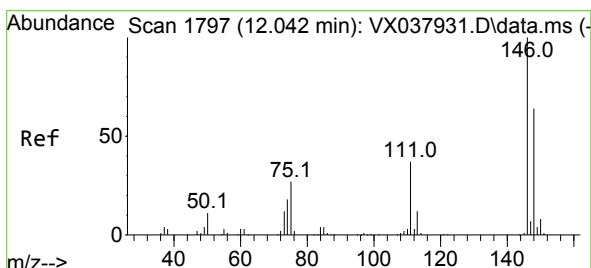
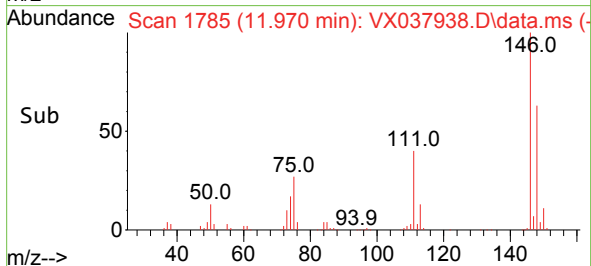
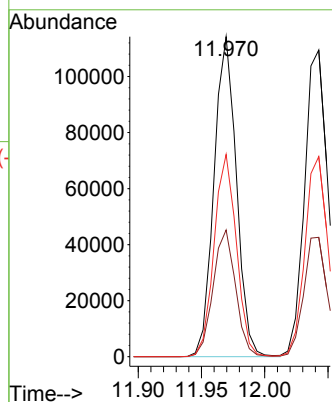
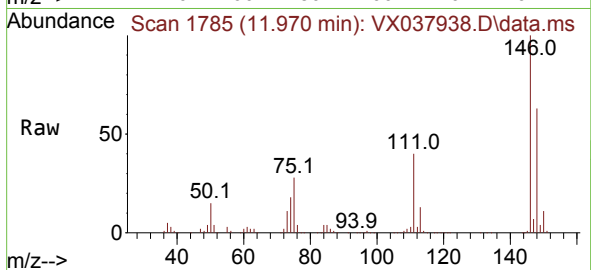
Tgt Ion:146 Resp: 140563

Ion Ratio Lower Upper

146 100

111 39.9 20.4 61.2

148 62.9 31.6 94.8



#84

1,4-Dichlorobenzene

Concen: 19.686 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

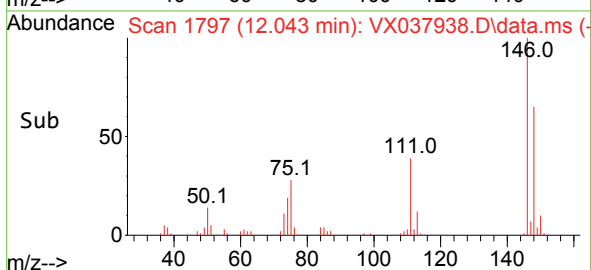
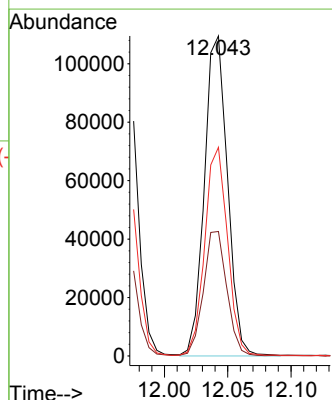
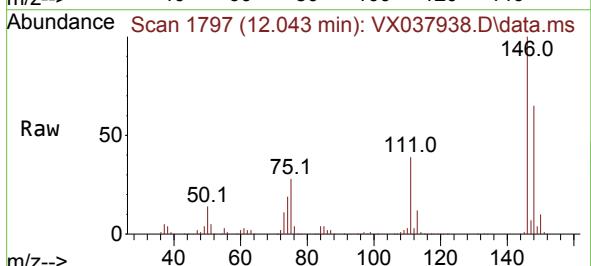
Tgt Ion:146 Resp: 139947

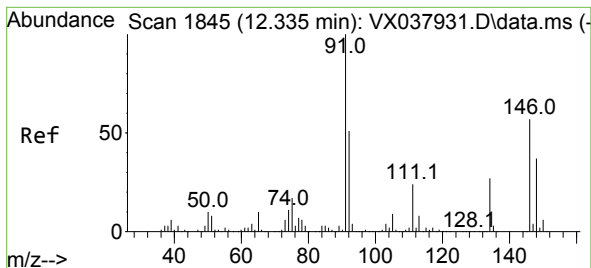
Ion Ratio Lower Upper

146 100

111 39.4 20.2 60.6

148 64.4 32.1 96.3





#85

n-Butylbenzene

Concen: 20.099 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

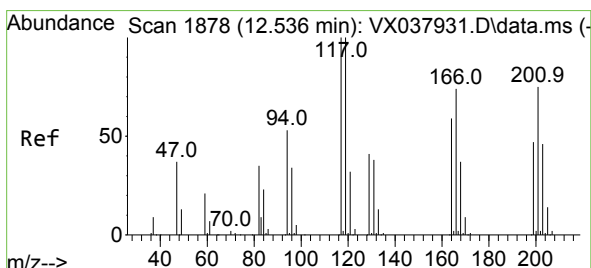
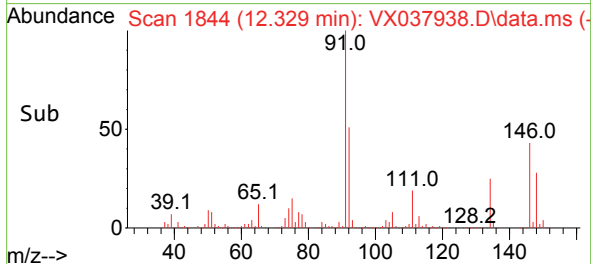
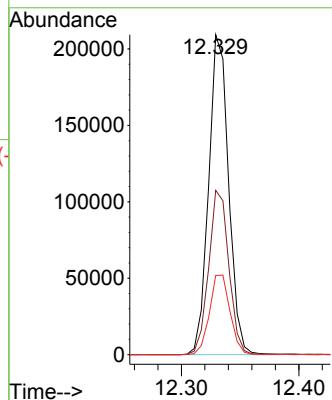
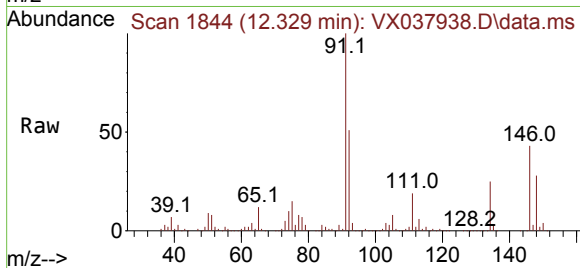
Tgt Ion: 91 Resp: 246678

Ion Ratio Lower Upper

91 100

92 52.1 0.0 105.2

134 25.7 0.0 51.4



#86

Hexachloroethane

Concen: 19.584 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX037938.D

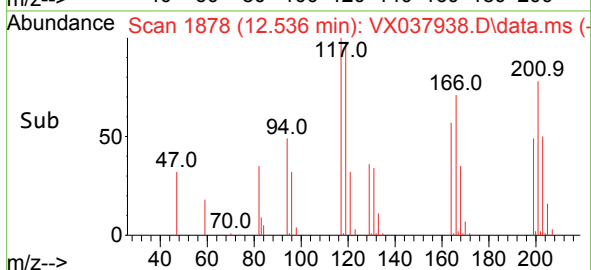
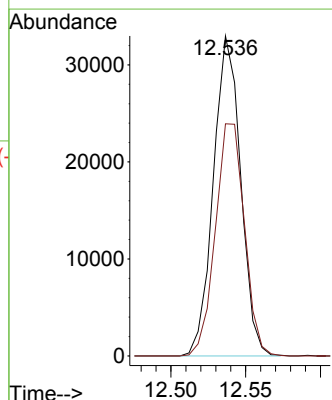
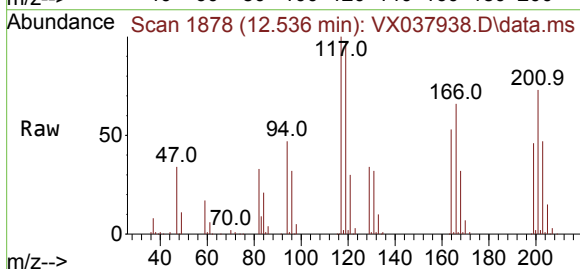
Acq: 28 Sep 2023 09:30

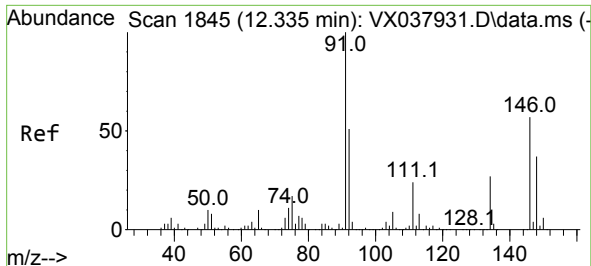
Tgt Ion: 117 Resp: 41857

Ion Ratio Lower Upper

117 100

201 77.4 36.0 108.0

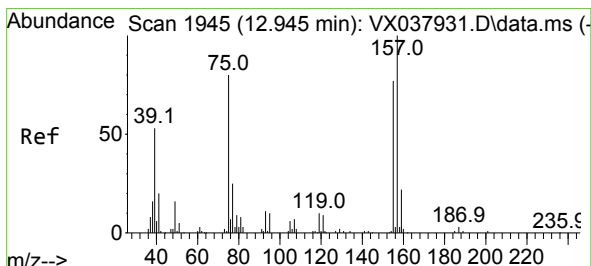
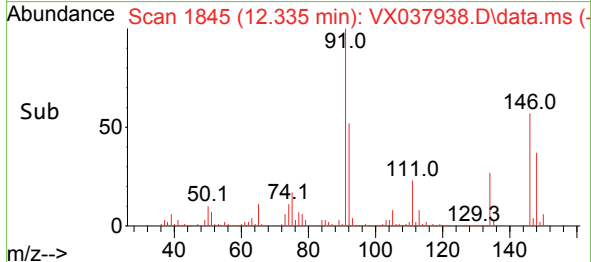
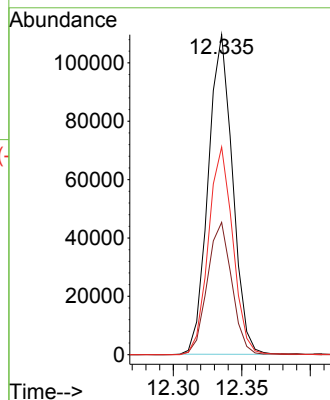
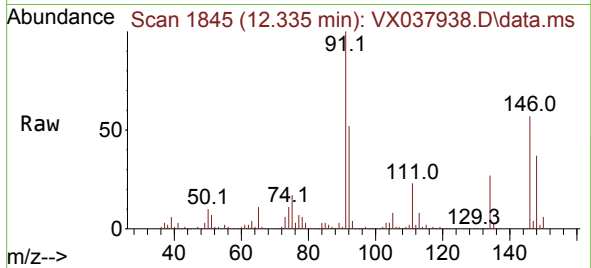




#87
1,2-Dichlorobenzene
Concen: 19.614 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

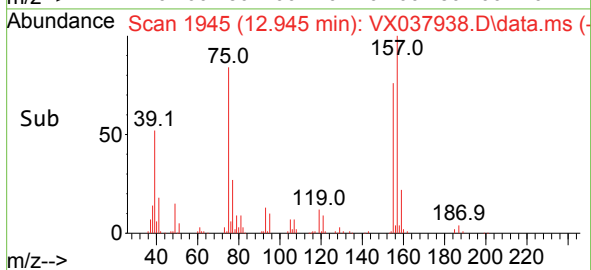
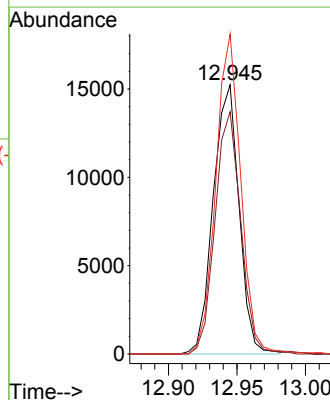
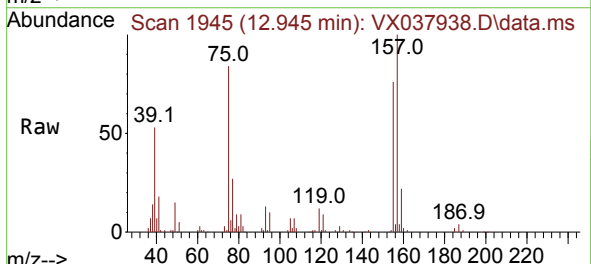
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

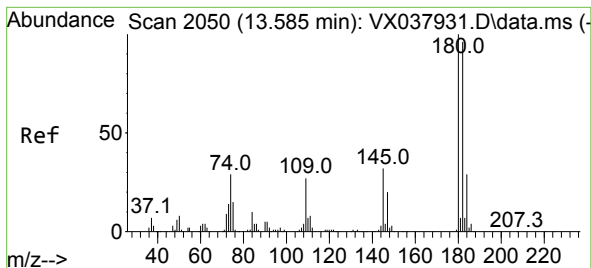
Tgt Ion:146 Resp: 135578
Ion Ratio Lower Upper
146 100
111 41.5 21.4 64.3
148 64.9 33.2 99.6



#88
1,2-Dibromo-3-Chloropropane
Concen: 21.219 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion: 75 Resp: 19940
Ion Ratio Lower Upper
75 100
155 89.3 62.7 94.1
157 115.1 81.5 122.3





#89

1,2,4-Trichlorobenzene

Concen: 20.064 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

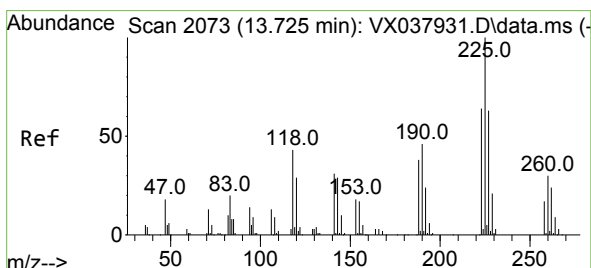
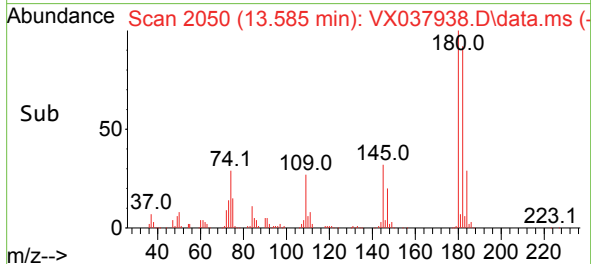
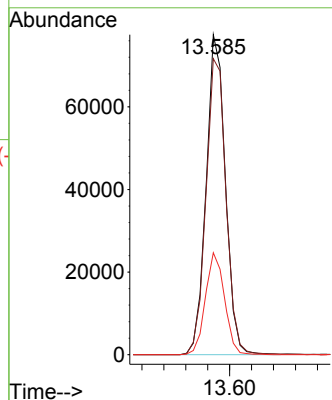
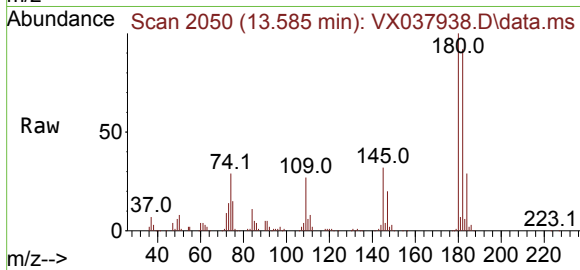
Tgt Ion:180 Resp: 94360

Ion Ratio Lower Upper

180 100

182 96.6 75.6 113.4

145 31.6 25.4 38.2



#90

Hexachlorobutadiene

Concen: 20.334 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX037938.D

Acq: 28 Sep 2023 09:30

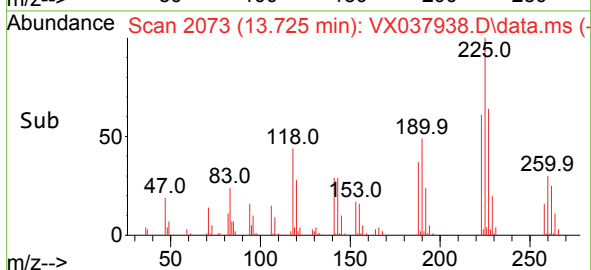
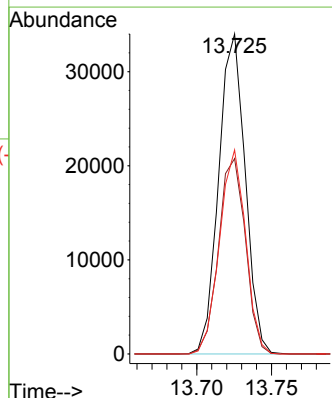
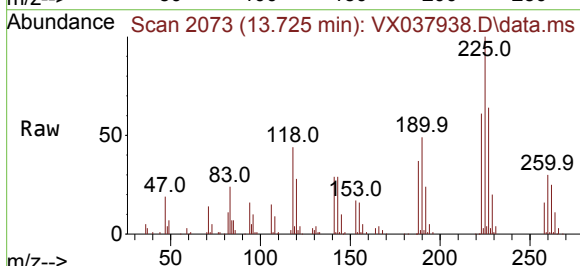
Tgt Ion:225 Resp: 42012

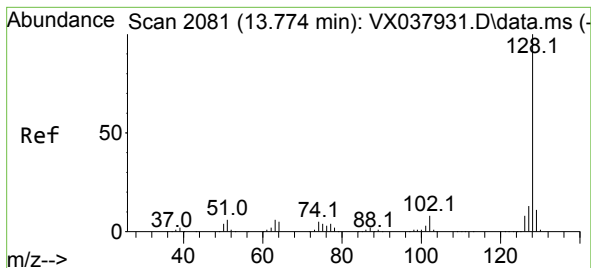
Ion Ratio Lower Upper

225 100

223 62.0 0.0 124.2

227 62.7 0.0 120.4

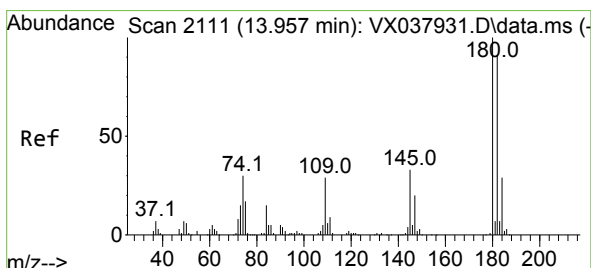
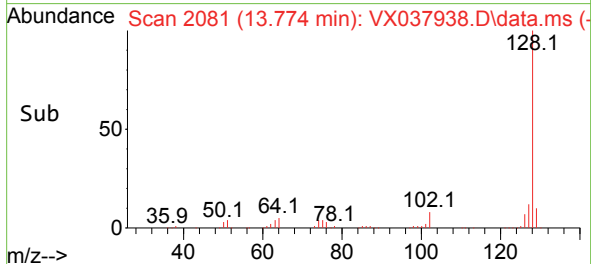
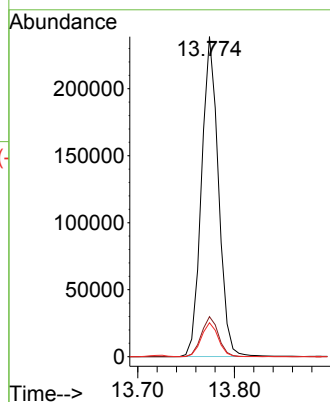
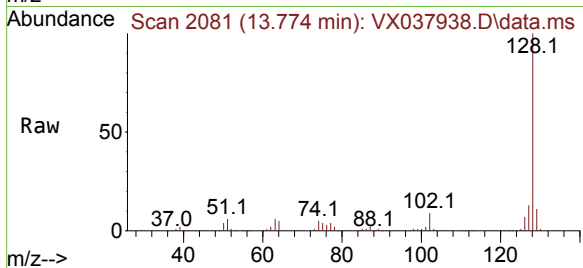




#91
Naphthalene
Concen: 20.380 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 290683
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 20.140 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX037938.D
Acq: 28 Sep 2023 09:30

Tgt Ion:180 Resp: 92210
Ion Ratio Lower Upper
180 100
182 94.3 0.0 190.6
145 32.7 0.0 66.8

