

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038145.D
 Acq On : 06 Oct 2023 22:43
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: Oct 07 06:15:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100623W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Oct 07 06:04:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	10180	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	77463	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	102810	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	42924	30.864	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.867%	
60) 4-Bromofluorobenzene	11.079	95	62552	29.207	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 97.367%	
63) Toluene-d8	8.647	98	121022	30.399	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.333%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25485	20.803	ug/l	99
3) Chloromethane	1.300	50	25220	20.785	ug/l	99
4) Vinyl Chloride	1.374	62	29991	21.101	ug/l	96
5) Bromomethane	1.605	94	30821	17.922	ug/l	97
6) Chloroethane	1.691	64	23557	19.459	ug/l	94
7) Trichlorofluoromethane	1.886	101	61740	20.396	ug/l	97
8) Diethyl Ether	2.136	74	23057	20.879	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	23780	20.566	ug/l	98
10) 1,1-Dichloroethene	2.319	96	23559	20.914	ug/l	93
11) Methyl Iodide	2.453	142	34647	20.640	ug/l	98
12) Methyl Acetate	2.703	43	73601	19.198	ug/l	97
13) Acrolein	2.233	56	25259	105.099	ug/l	96
14) Acrylonitrile	3.062	53	91573	101.915	ug/l	96
15) Acetone	2.380	58	24294	101.541	ug/l	99
16) Carbon Disulfide	2.514	76	59576	19.792	ug/l	97
17) Allyl chloride	2.666	41	37256	19.681	ug/l	88
18) Methylene Chloride	2.788	84	30019	20.438	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	28153	19.957	ug/l	96
20) Diisopropyl ether	3.763	45	84770	20.406	ug/l #	93
21) 1,1-Dichloroethane	3.611	63	51674	20.439	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	33325	20.058	ug/l	96
23) tert-Butyl Alcohol	2.953	59	39125	98.899	ug/l #	1
24) Methyl tert-Butyl Ether	3.117	73	89180	20.166	ug/l	99
25) Chloroform	5.092	83	57726	20.108	ug/l	98
26) Cyclohexane	5.470	56	43037	20.124	ug/l #	95
29) 1,1-Dichloropropene	5.696	75	41407	20.204	ug/l	99
30) 2-Butanone	4.556	43	134462	102.074	ug/l	98
31) 2,2-Dichloropropane	4.477	77	29558	19.523	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	47933	19.574	ug/l	98
33) Carbon Tetrachloride	5.678	117	40285	19.416	ug/l	95
34) Benzene	6.037	78	123736	20.409	ug/l	98
35) Methacrylonitrile	4.922	41	25458	20.643	ug/l	96
36) 1,2-Dichloroethane	6.086	62	48240	20.510	ug/l #	86
37) Trichloroethene	7.129	130	32020	20.053	ug/l	93
38) Methylcyclohexane	7.385	83	47863	19.606	ug/l	96
39) 1,2-Dichloropropane	7.434	63	30876	20.317	ug/l	92
40) Dibromomethane	7.586	93	23964	20.180	ug/l	96
41) Bromodichloromethane	7.824	83	41755	19.614	ug/l #	98
42) Vinyl Acetate	3.721	43	300334	103.587	ug/l	100

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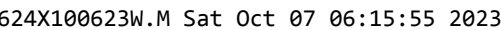
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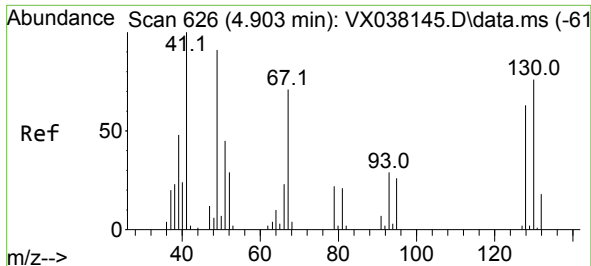
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	49380	20.265	ug/l	98
44) Isopropyl Acetate	6.342	43	73166	20.170	ug/l	99
45) 1,4-Dioxane	7.659	88	18992	411.994	ug/l #	1
46) Methyl methacrylate	7.696	41	35572	19.890	ug/l	99
47) n-amyl Acetate	10.841	43	62252	19.768	ug/l	94
48) t-1,3-Dichloropropene	8.982	75	40577	18.544	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	43506	18.753	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	32883	19.613	ug/l	98
51) Ethyl methacrylate	9.116	69	48891	19.472	ug/l	96
52) 1,3-Dichloropropane	9.311	76	54923	20.144	ug/l	98
53) Dibromochloromethane	9.518	129	31155	18.758	ug/l	100
54) 1,2-Dibromoethane	9.610	107	34925	19.064	ug/l	97
55) 2-Chloroethyl vinyl ether	8.244	63	129490	102.176	ug/l	100
56) Bromoform	10.799	173	21433	17.267	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	264675	102.854	ug/l	98
59) 2-Hexanone	9.427	43	215013	103.927	ug/l	99
61) Tetrachloroethene	9.275	164	27589	19.639	ug/l	95
62) Toluene	8.720	91	136902	19.986	ug/l	98
64) Chlorobenzene	10.079	112	84829	19.776	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	28670	19.173	ug/l	99
66) Ethyl Benzene	10.195	91	153894	19.813	ug/l	100
67) m/p-Xylenes	10.305	106	118301	39.259	ug/l	96
68) o-Xylene	10.640	106	56406	19.292	ug/l	95
69) Styrene	10.659	104	94316	19.413	ug/l	98
70) Isopropylbenzene	10.963	105	151941	19.705	ug/l	96
71) 1,1,2,2-Tetrachloroethane	11.213	83	57461	20.218	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	57934	22.414	ug/l	91
73) Bromobenzene	11.201	156	36269	18.996	ug/l	99
74) n-propylbenzene	11.305	91	183941	19.630	ug/l	97
75) 2-Chlorotoluene	11.366	91	109306	19.853	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	130838	19.418	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	12445	17.688	ug/l	94
78) 4-Chlorotoluene	11.457	91	127969	19.545	ug/l	99
79) tert-butylbenzene	11.713	119	122164	19.086	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	130855	19.890	ug/l	97
81) sec-Butylbenzene	11.890	105	164861	19.688	ug/l	97
82) p-Isopropyltoluene	12.012	119	134675	19.455	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	73171	19.650	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	74200	19.570	ug/l	98
85) n-Butylbenzene	12.335	91	128376	19.436	ug/l	97
86) Hexachloroethane	12.536	117	20378	17.808	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	70061	19.411	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	12760	19.387	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	45794	19.544	ug/l	98
90) Hexachlorobutadiene	13.725	225	17821	18.908	ug/l	95
91) Naphthalene	13.774	128	155996	19.439	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	43975	19.173	ug/l	99

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

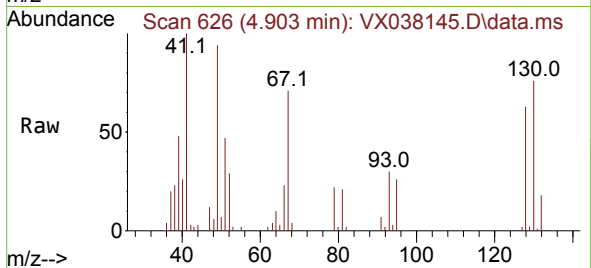
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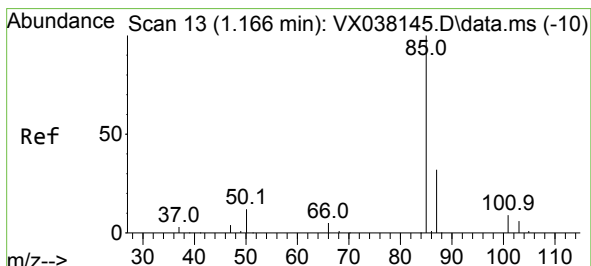
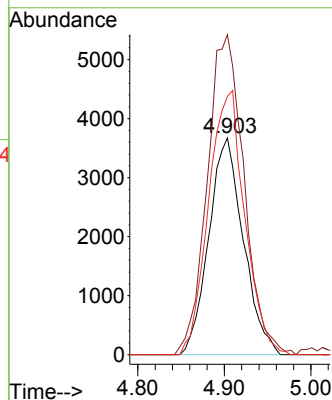
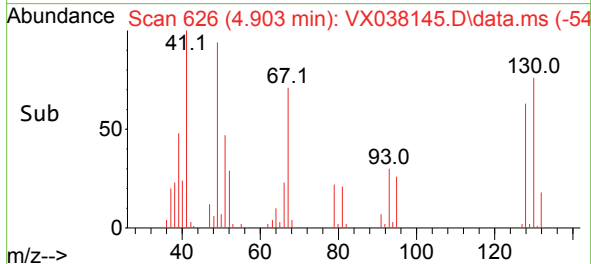


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

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MSVOA_X
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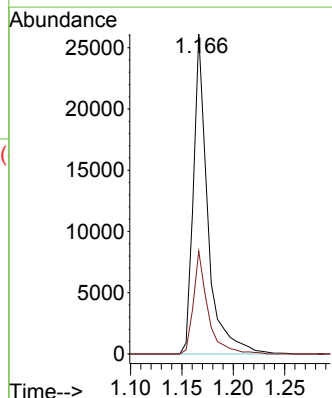
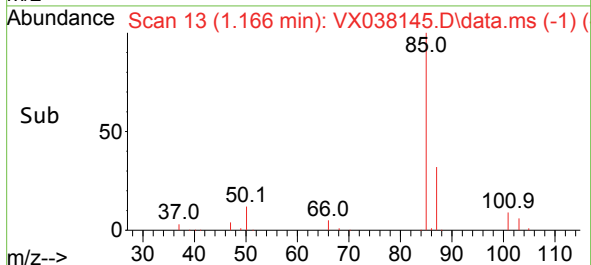
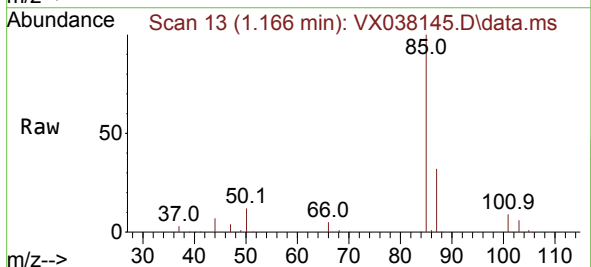


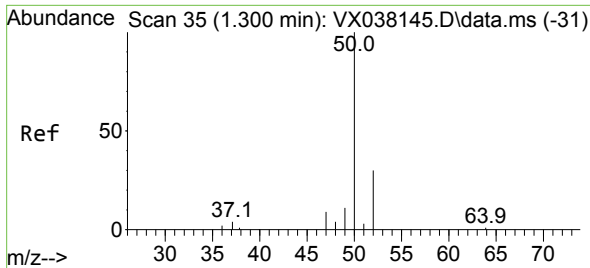
Tgt Ion:128 Resp: 10180
Ion Ratio Lower Upper
128 100
49 157.2 0.0 406.3
130 127.9 0.0 328.0



#2
Dichlorodifluoromethane
Concen: 20.803 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 85 Resp: 25485
Ion Ratio Lower Upper
85 100
87 32.1 16.4 49.4

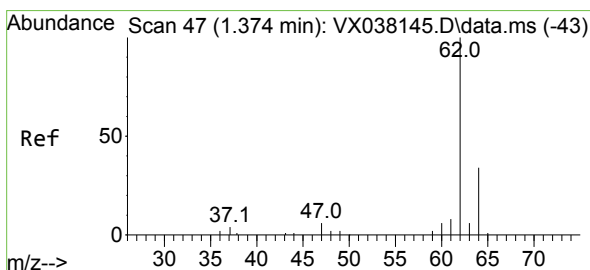
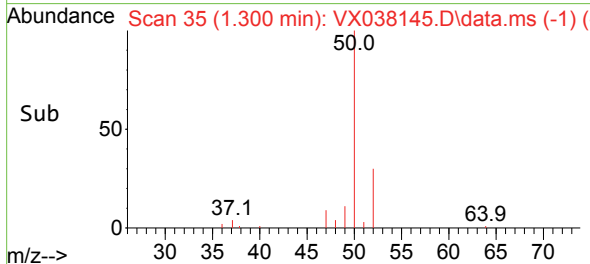
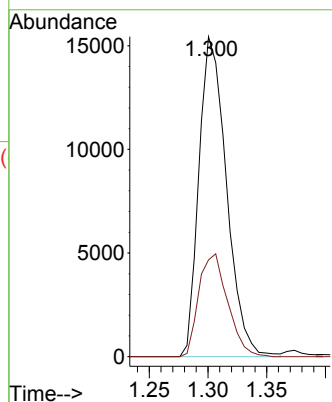
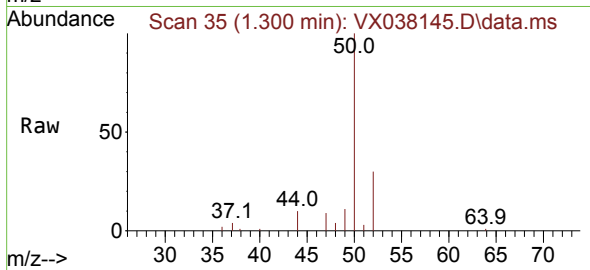




#3
Chloromethane
Concen: 20.785 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

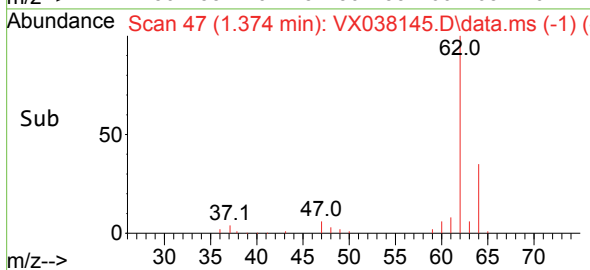
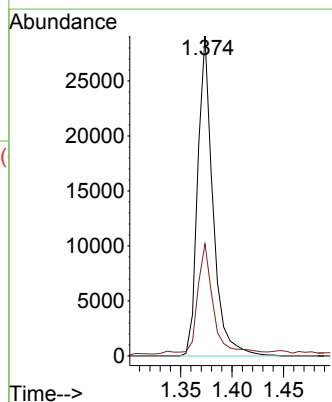
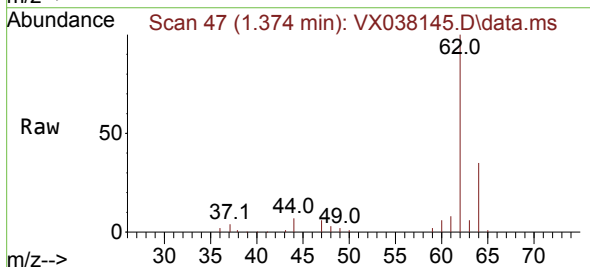
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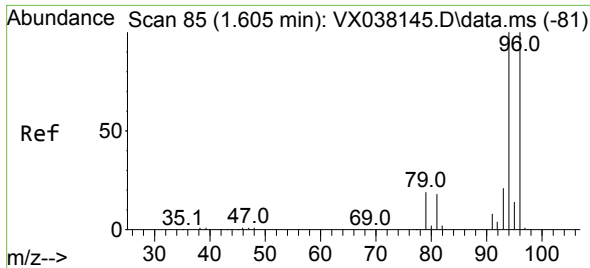
Tgt Ion: 50 Resp: 25220
Ion Ratio Lower Upper
50 100
52 30.2 24.5 36.7



#4
Vinyl Chloride
Concen: 21.101 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 62 Resp: 29991
Ion Ratio Lower Upper
62 100
64 33.9 25.3 37.9

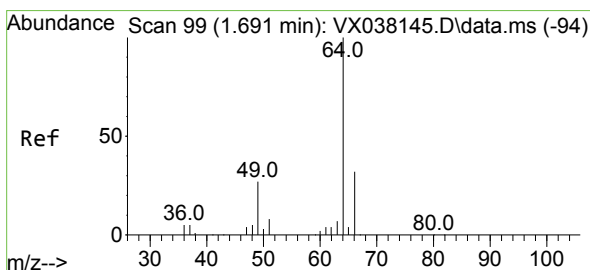
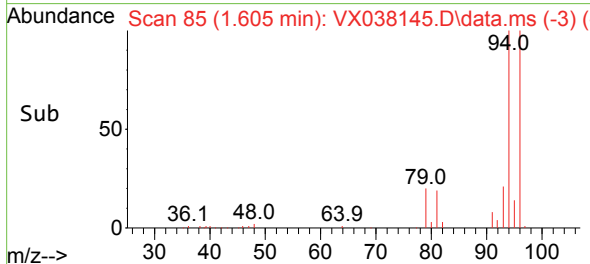
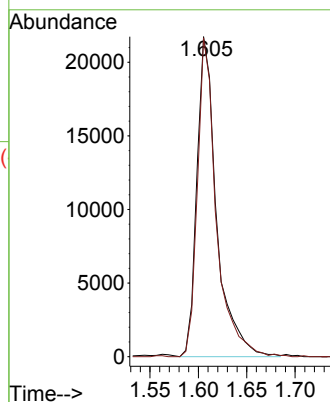
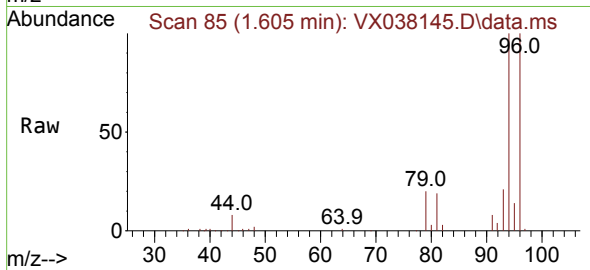




#5
Bromomethane
Concen: 17.922 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

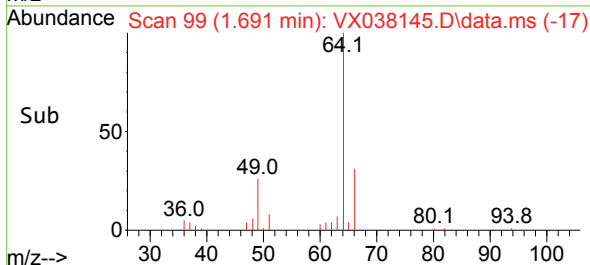
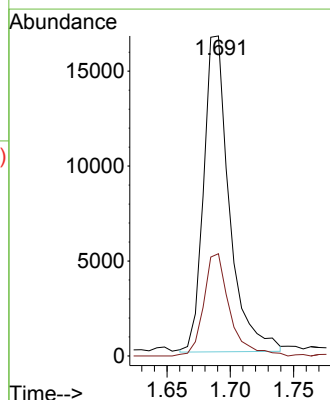
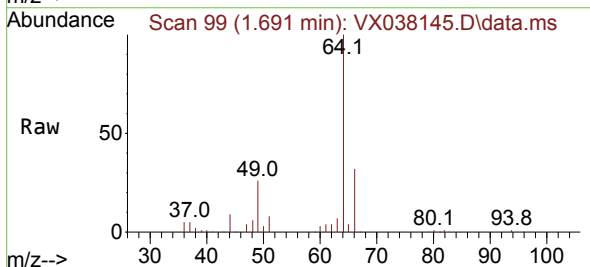
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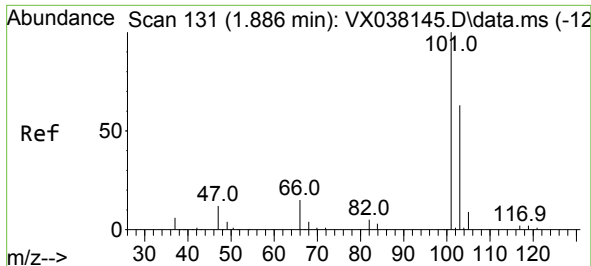
Tgt Ion: 94 Resp: 30821
Ion Ratio Lower Upper
94 100
96 99.6 77.4 116.2



#6
Chloroethane
Concen: 19.459 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 64 Resp: 23557
Ion Ratio Lower Upper
64 100
66 32.1 23.1 34.7

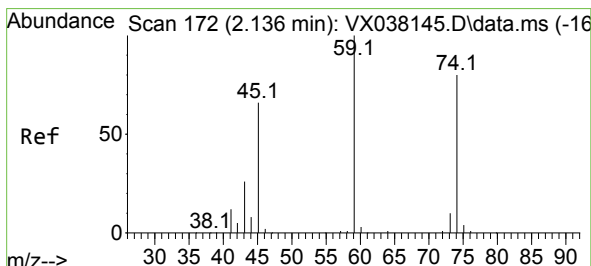
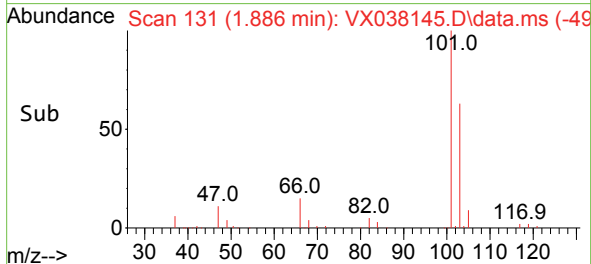
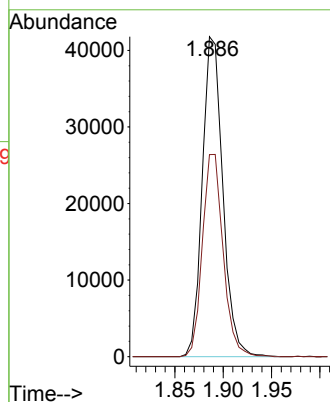
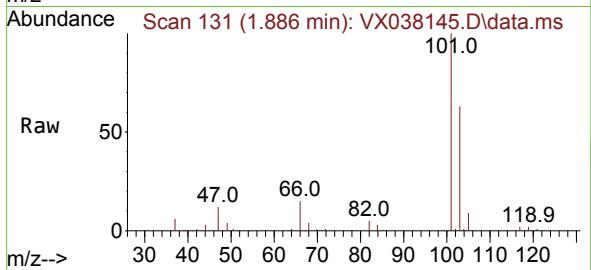




#7
 Trichlorofluoromethane
 Concen: 20.396 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX038145.D
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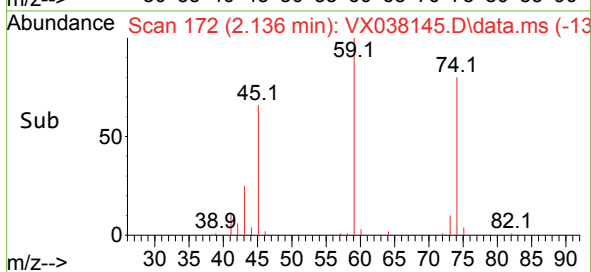
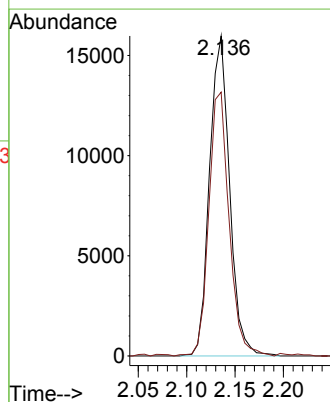
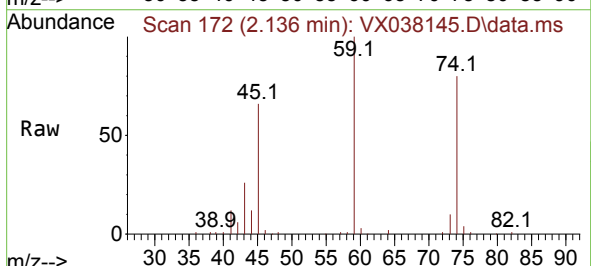
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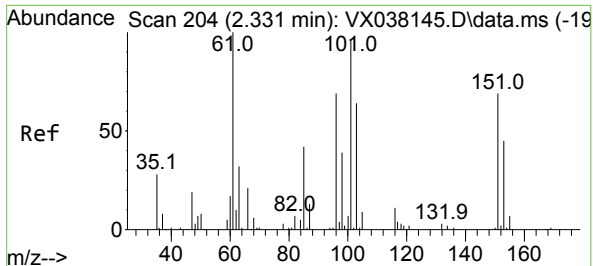
Tgt Ion:101 Resp: 61740
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.2 78.2



#8
 Diethyl Ether
 Concen: 20.879 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX038145.D
 Acq: 06 Oct 2023 22:43

Tgt Ion: 74 Resp: 23057
 Ion Ratio Lower Upper
 74 100
 45 83.4 19.9 178.9

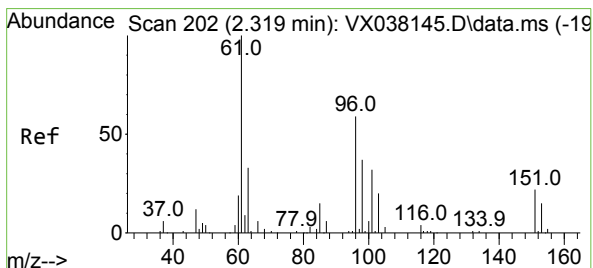
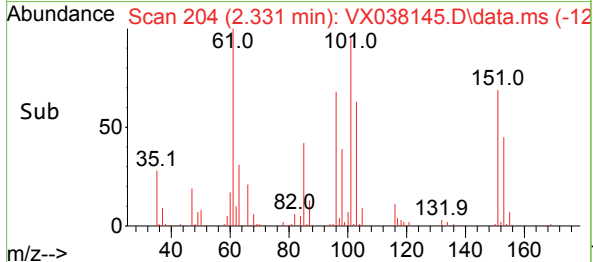
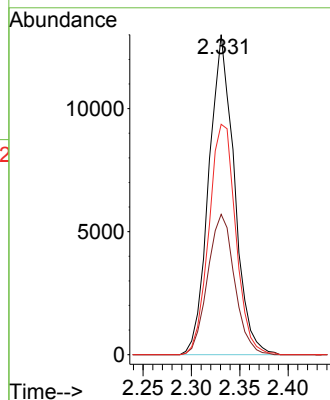
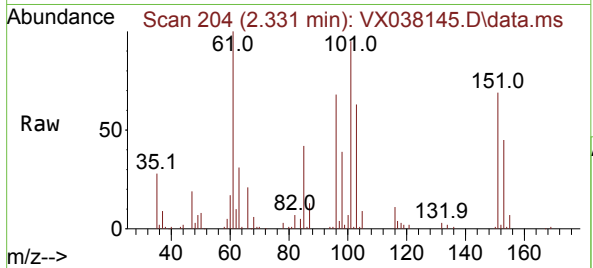




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.566 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038145.D
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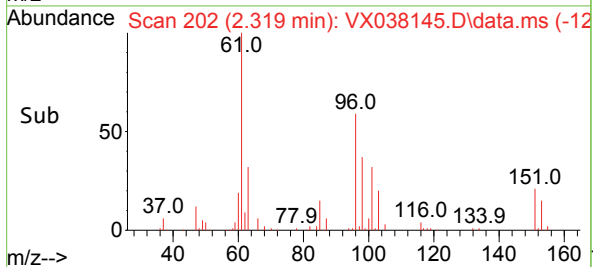
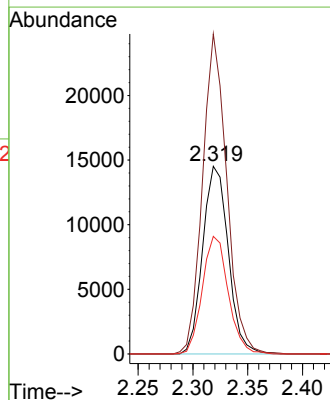
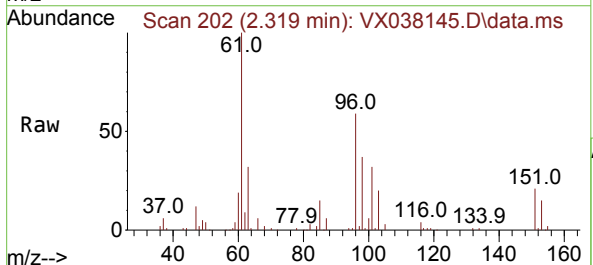
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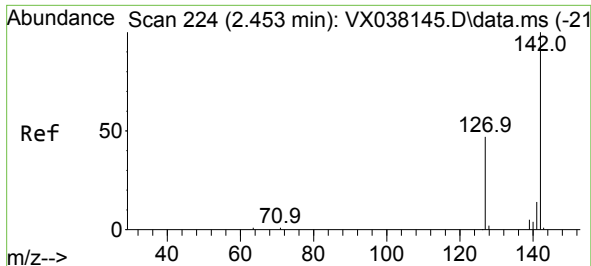
Tgt Ion:101 Resp: 23780
Ion Ratio Lower Upper
101 100
85 46.3 0.0 91.0
151 76.0 0.0 155.4



#10
1,1-Dichloroethene
Concen: 20.914 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

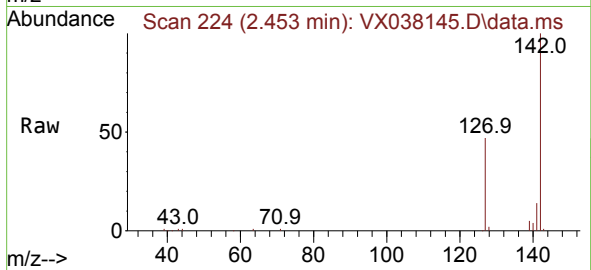
Tgt Ion: 96 Resp: 23559
Ion Ratio Lower Upper
96 100
61 170.0 127.2 190.8
98 62.6 52.7 79.1



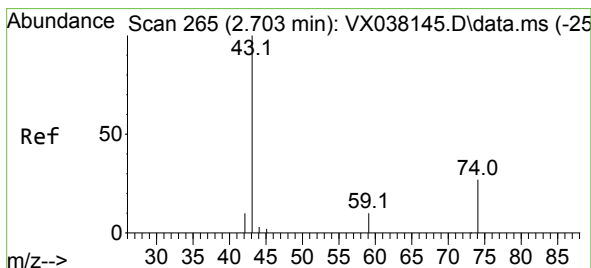
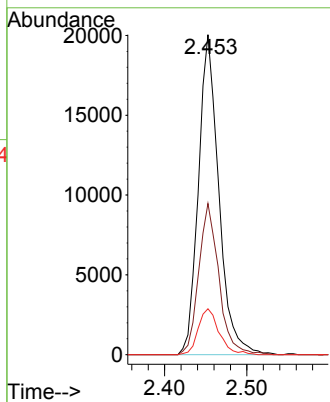
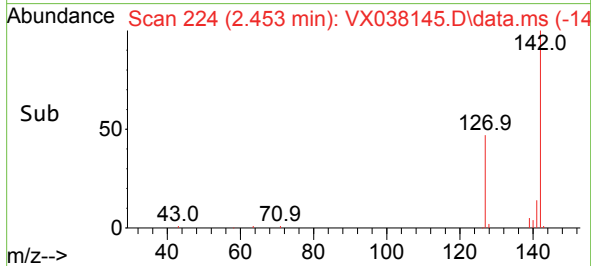


#11
Methyl Iodide
Concen: 20.640 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

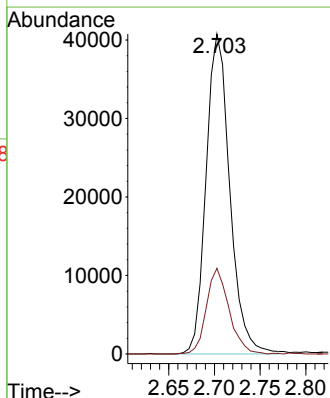
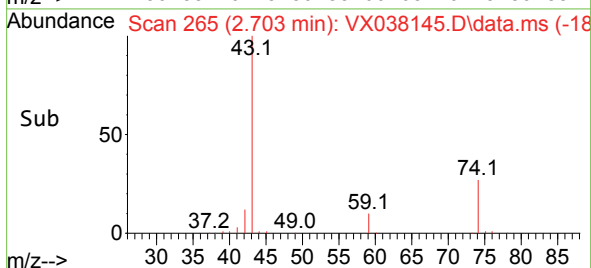
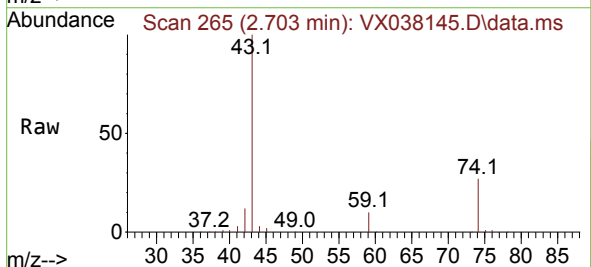


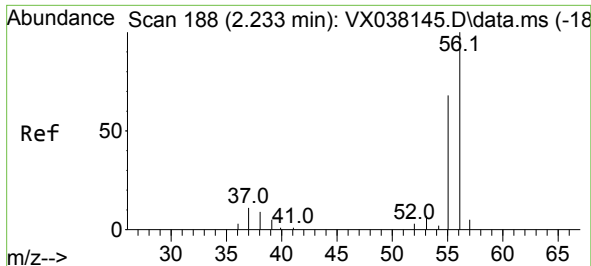
Tgt Ion:142 Resp: 34647
Ion Ratio Lower Upper
142 100
127 47.3 22.9 68.8
141 14.4 7.5 22.6



#12
Methyl Acetate
Concen: 19.198 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 43 Resp: 73601
Ion Ratio Lower Upper
43 100
74 26.7 20.3 30.5





#13

Acrolein

Concen: 105.099 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

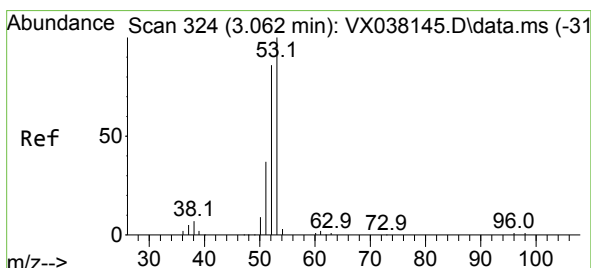
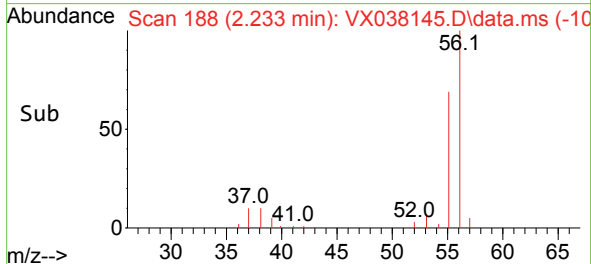
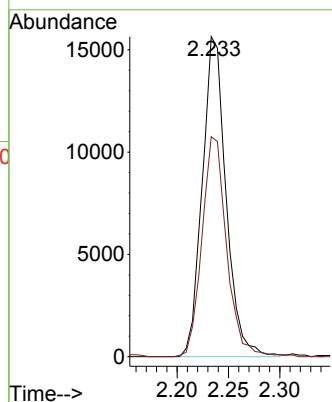
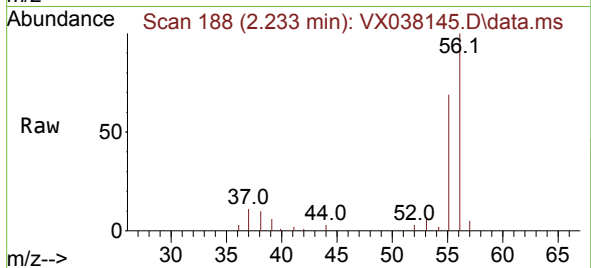
VSTDICCC020

Tgt Ion: 56 Resp: 25259

Ion Ratio Lower Upper

56 100

55 70.9 59.7 89.5



#14

Acrylonitrile

Concen: 101.915 ug/l

RT: 3.062 min Scan# 324

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

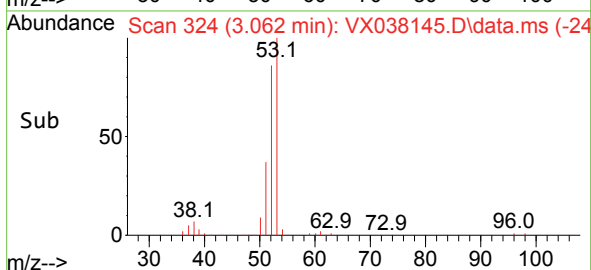
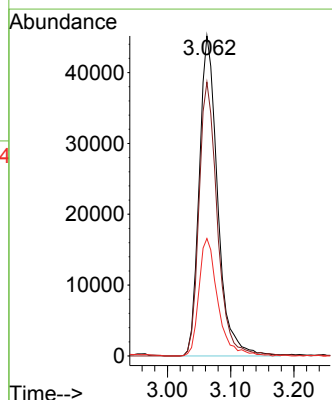
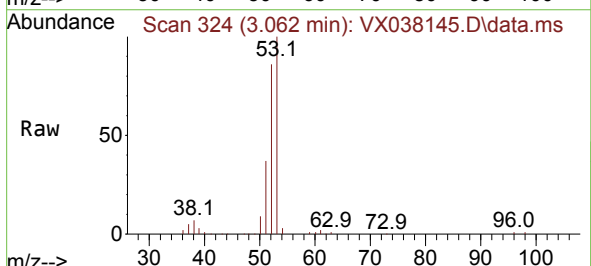
Tgt Ion: 53 Resp: 91573

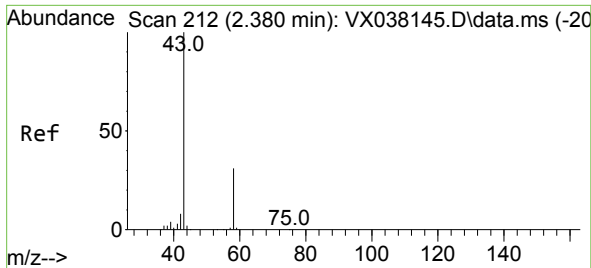
Ion Ratio Lower Upper

53 100

52 84.7 40.0 119.9

51 37.6 18.2 54.6

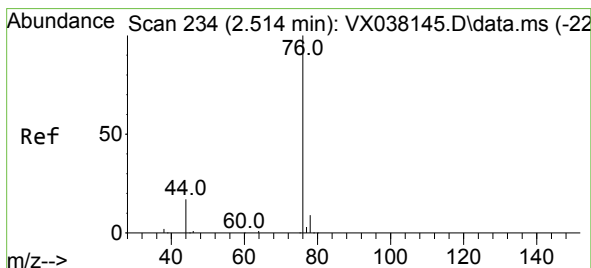
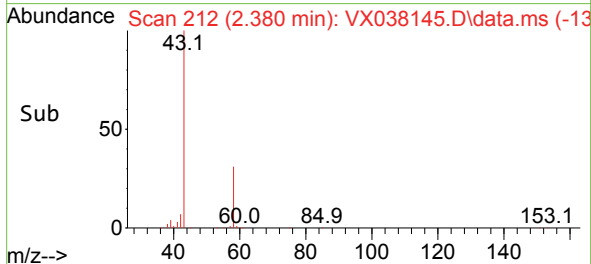
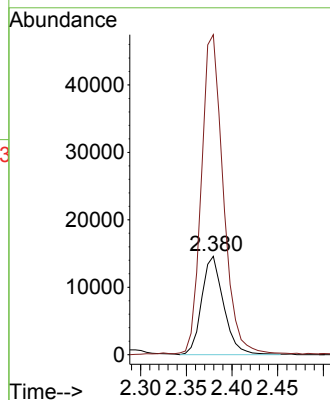
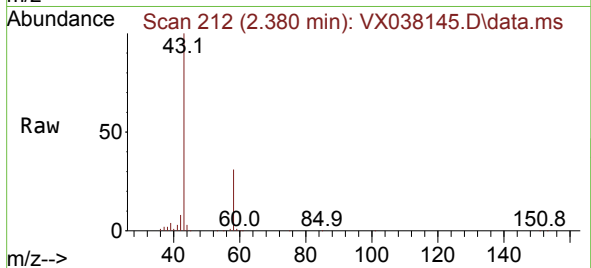




#15
Acetone
Concen: 101.541 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

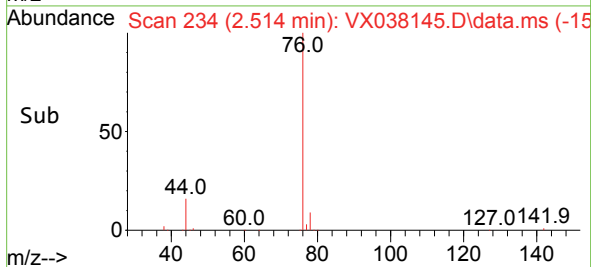
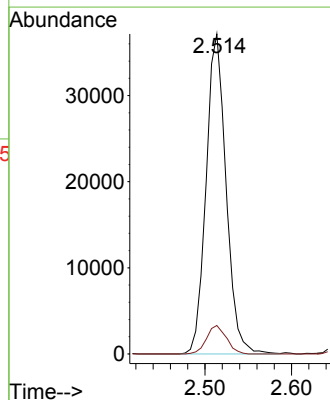
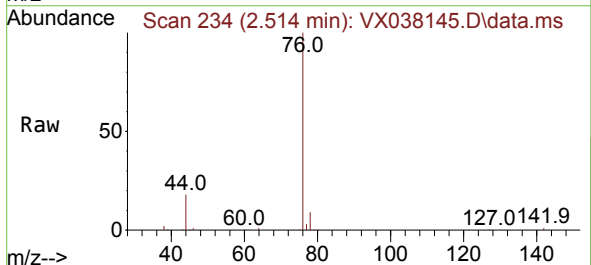
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

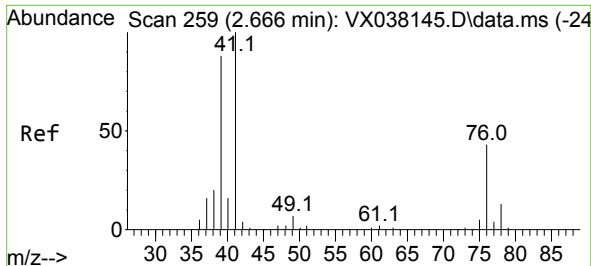
Tgt Ion: 58 Resp: 24294
Ion Ratio Lower Upper
58 100
43 323.4 261.0 391.4



#16
Carbon Disulfide
Concen: 19.792 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 76 Resp: 59576
Ion Ratio Lower Upper
76 100
78 8.9 8.0 12.0





#17

Allyl chloride

Concen: 19.681 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

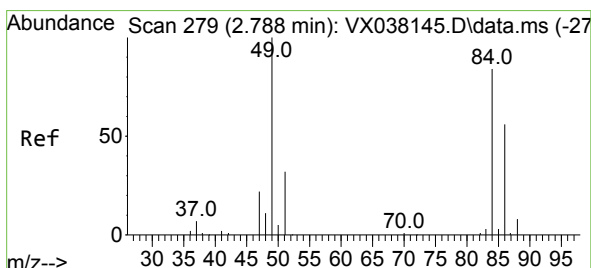
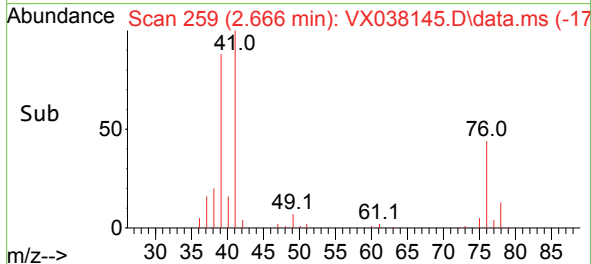
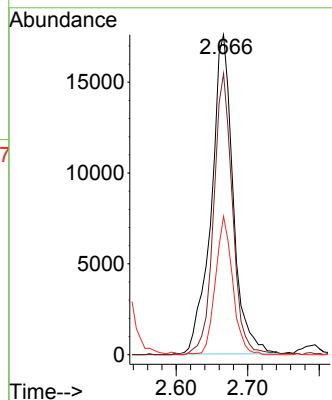
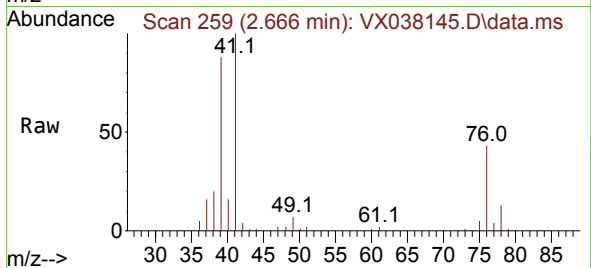
Tgt Ion: 41 Resp: 37256

Ion Ratio Lower Upper

41 100

39 88.1 38.5 115.3

76 43.4 18.6 55.8



#18

Methylene Chloride

Concen: 20.438 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Tgt Ion: 84 Resp: 30019

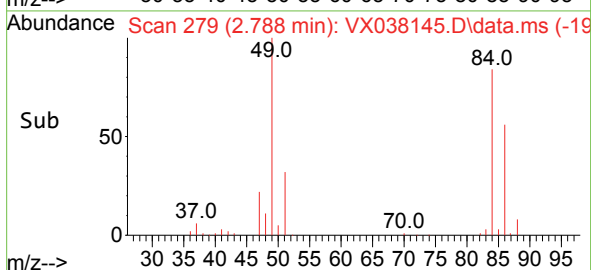
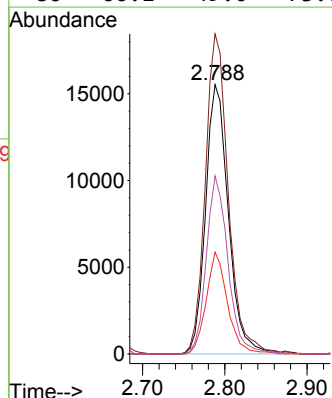
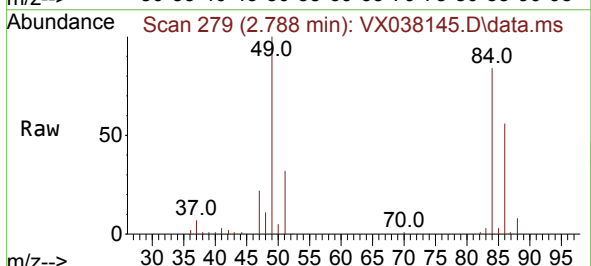
Ion Ratio Lower Upper

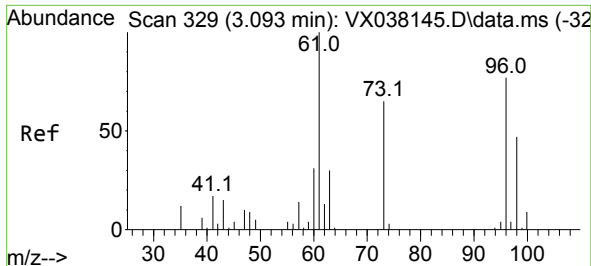
84 100

49 118.8 95.4 143.0

51 37.8 28.3 42.5

86 66.1 49.0 73.6

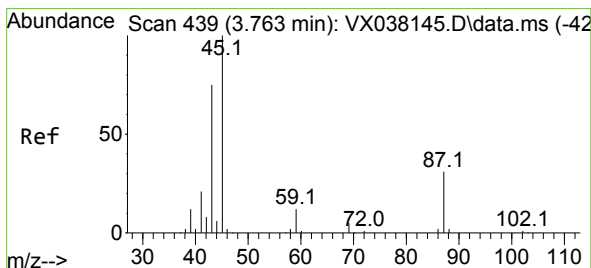
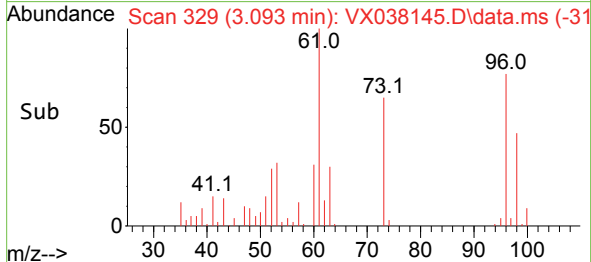
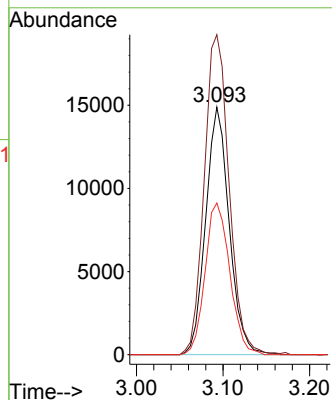
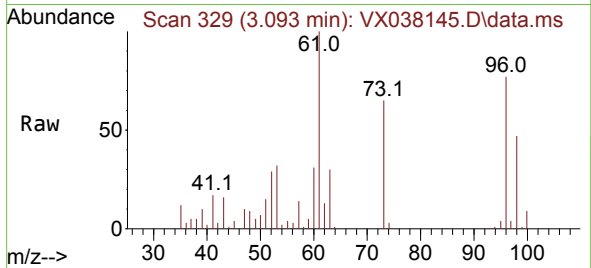




#19
trans-1,2-Dichloroethene
Concen: 19.957 ug/l
RT: 3.093 min Scan# 319
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

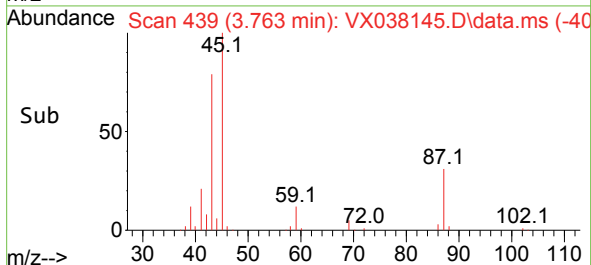
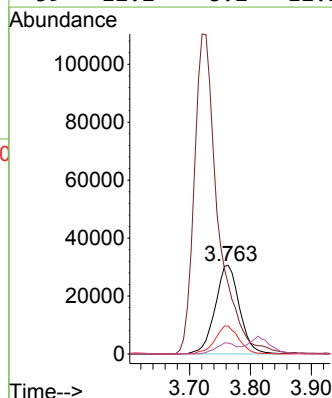
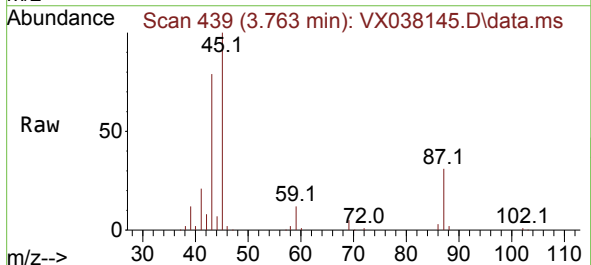
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

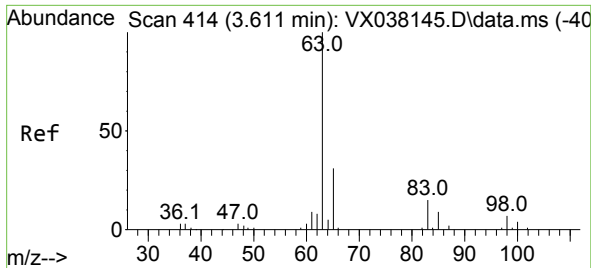
Tgt Ion: 96 Resp: 28153
Ion Ratio Lower Upper
96 100
61 129.3 108.7 163.1
98 61.3 49.1 73.7



#20
Diisopropyl ether
Concen: 20.406 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 45 Resp: 84770
Ion Ratio Lower Upper
45 100
43 76.3 55.8 83.6
87 31.5 23.0 34.4
59 12.2 8.2 12.2#

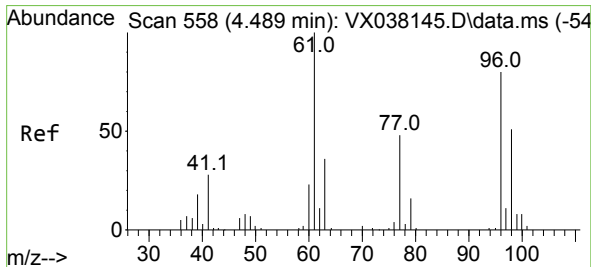
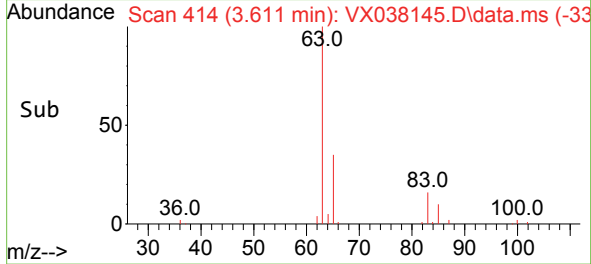
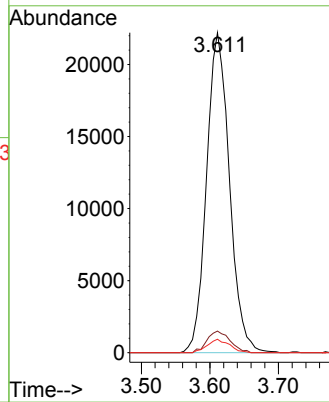
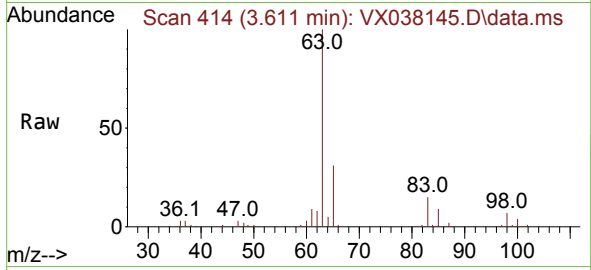




#21
1,1-Dichloroethane
Concen: 20.439 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

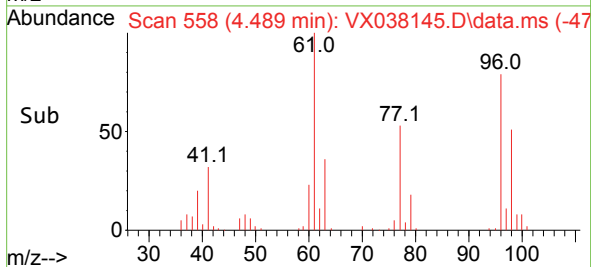
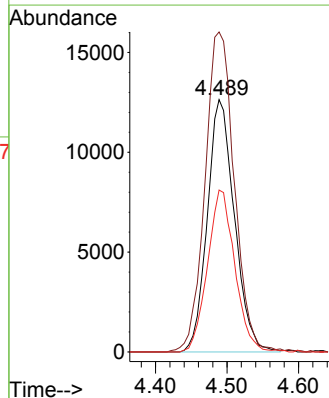
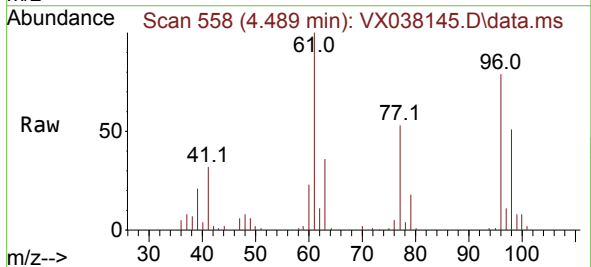
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

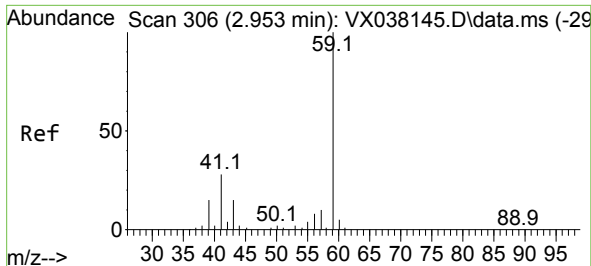
Tgt Ion: 63 Resp: 51674
Ion Ratio Lower Upper
63 100
98 6.7 3.2 9.6
100 4.2 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 20.058 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 96 Resp: 33325
Ion Ratio Lower Upper
96 100
61 136.0 114.0 171.0
98 64.5 51.6 77.4

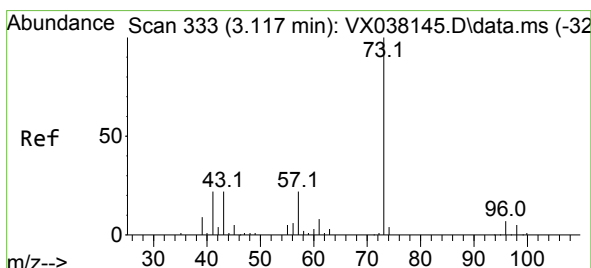
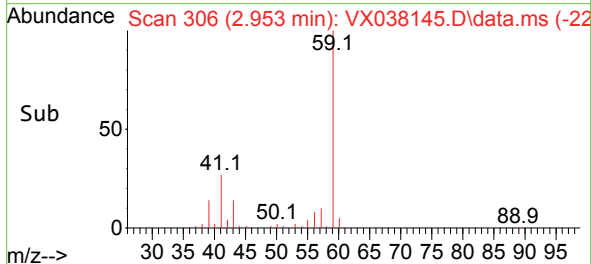
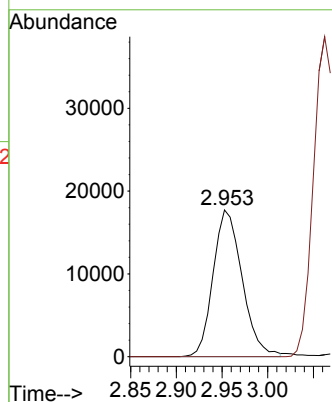
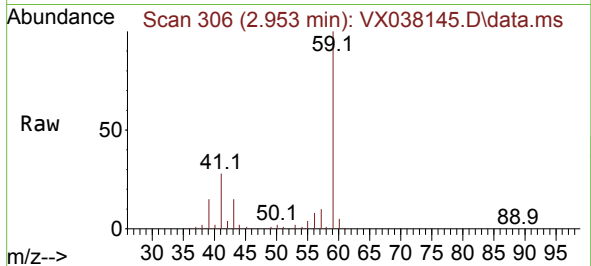




#23
tert-Butyl Alcohol
Concen: 98.899 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

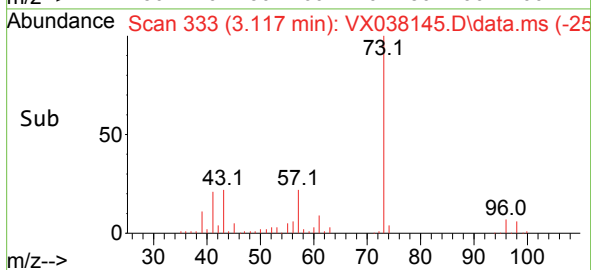
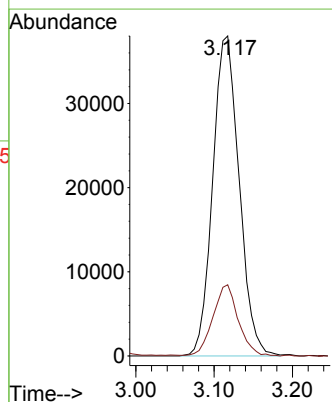
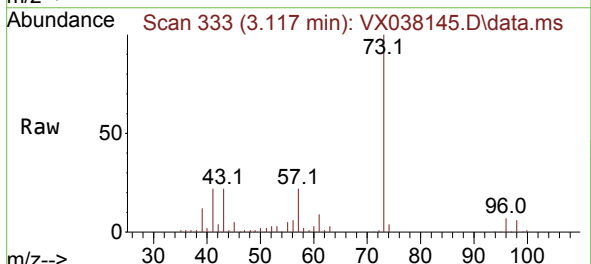
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

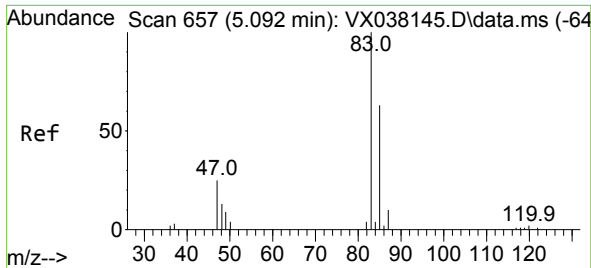
Tgt Ion: 59 Resp: 39125
Ion Ratio Lower Upper
59 100
52 0.0 142.6 213.8#



#24
Methyl tert-Butyl Ether
Concen: 20.166 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 73 Resp: 89180
Ion Ratio Lower Upper
73 100
43 21.4 16.8 25.2

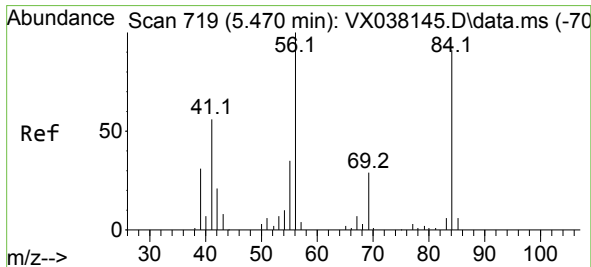
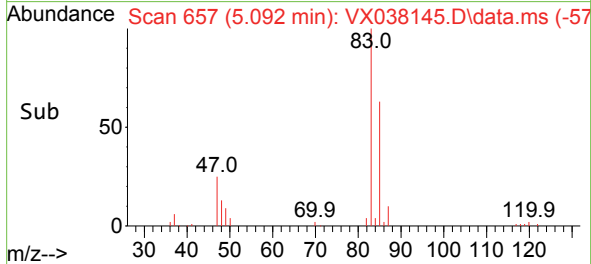
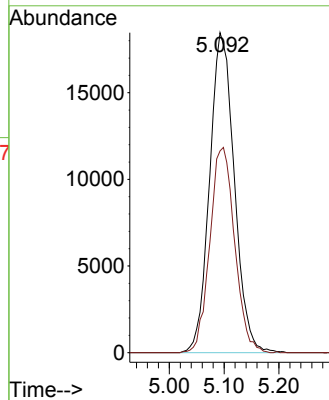
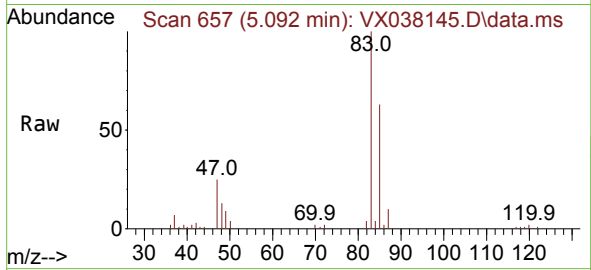




#25
Chloroform
Concen: 20.108 ug/l
RT: 5.092 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

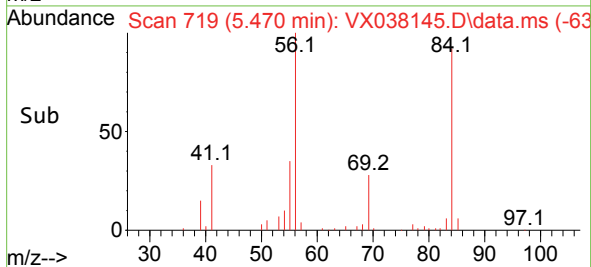
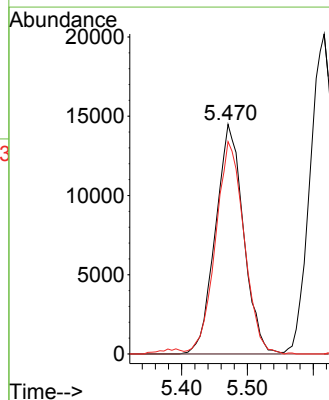
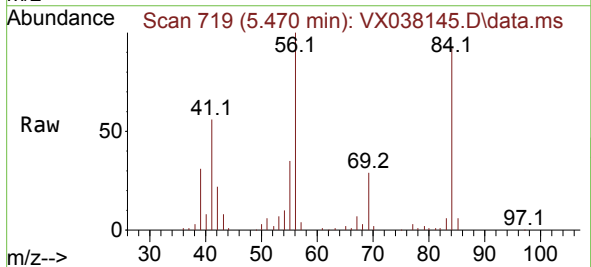
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

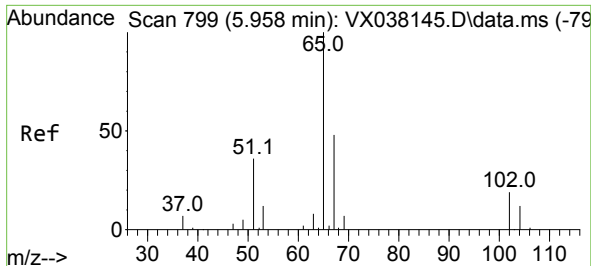
Tgt Ion: 83 Resp: 57726
Ion Ratio Lower Upper
83 100
85 63.0 51.5 77.3



#26
Cyclohexane
Concen: 20.124 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 56 Resp: 43037
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 94.0 71.4 107.2





#27

1,2-Dichloroethane-d4

Concen: 30.864 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

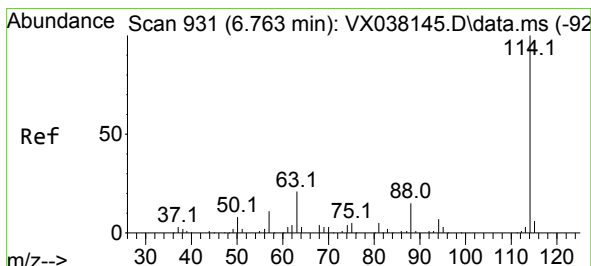
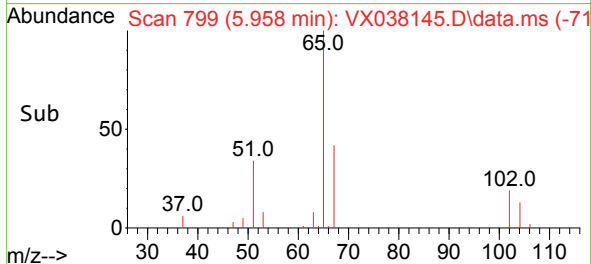
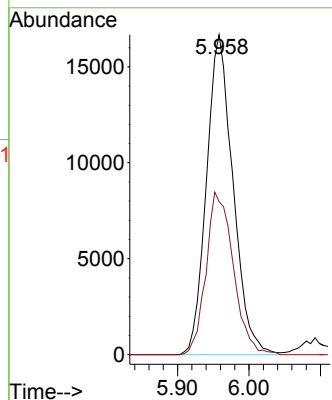
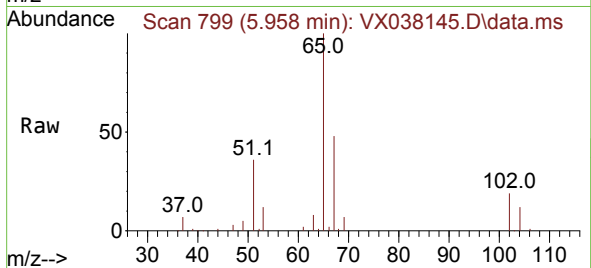
VSTDICCC020

Tgt Ion: 65 Resp: 42924

Ion Ratio Lower Upper

65 100

67 51.7 42.1 63.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

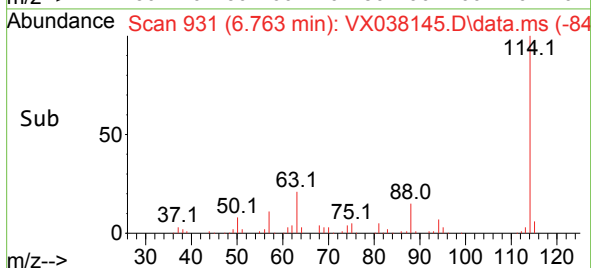
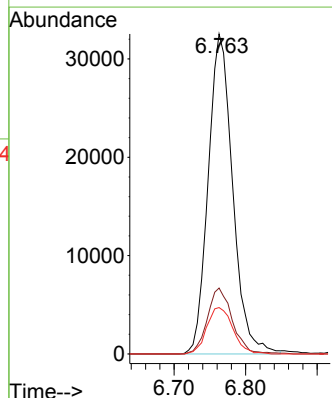
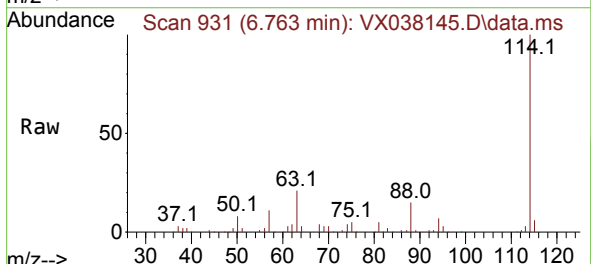
Tgt Ion: 114 Resp: 77463

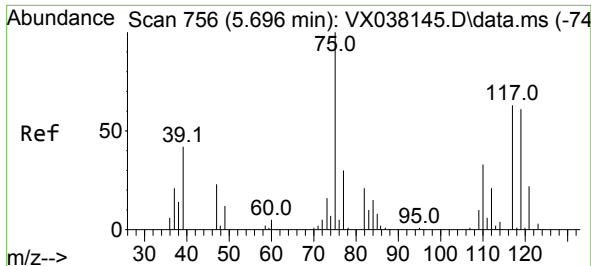
Ion Ratio Lower Upper

114 100

63 21.1 16.6 24.8

88 15.4 12.9 19.3





#29

1,1-Dichloropropene

Concen: 20.204 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

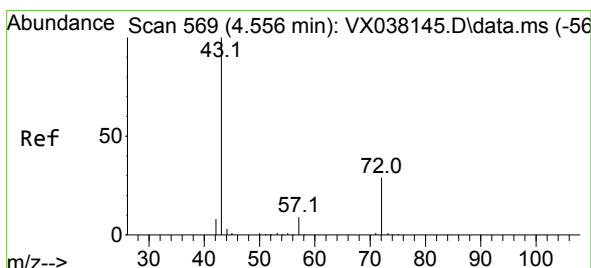
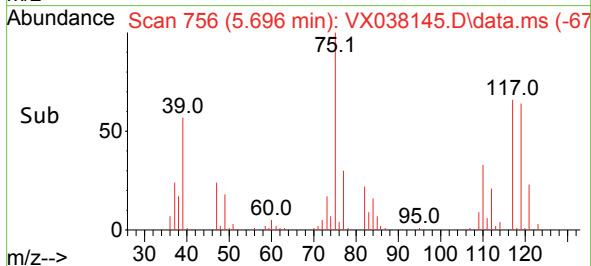
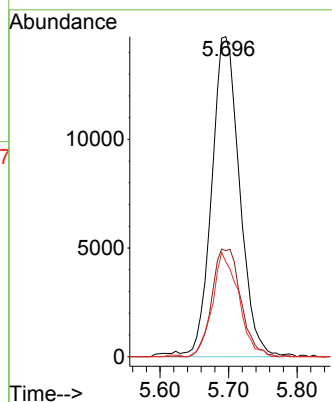
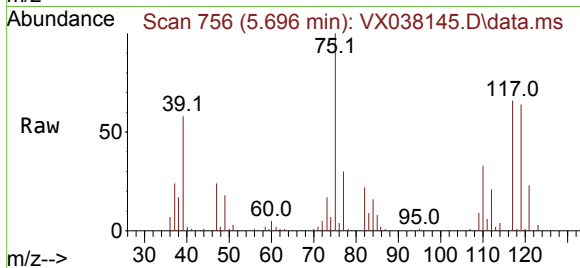
Tgt Ion: 75 Resp: 41407

Ion Ratio Lower Upper

75 100

110 35.2 0.0 70.4

77 30.3 0.0 62.8



#30

2-Butanone

Concen: 102.074 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

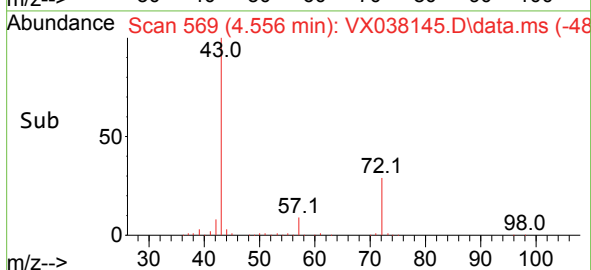
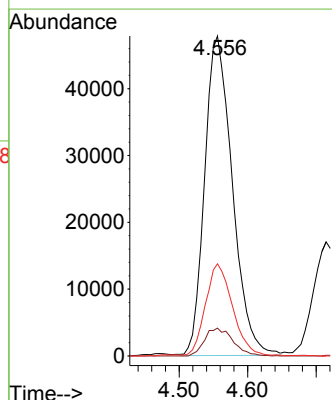
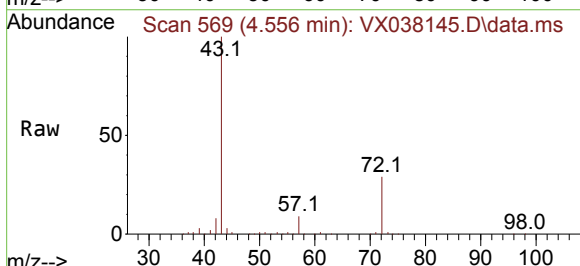
Tgt Ion: 43 Resp: 134462

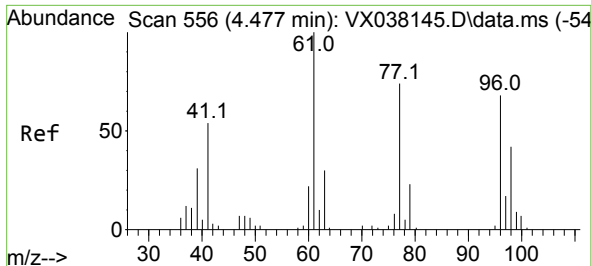
Ion Ratio Lower Upper

43 100

57 8.9 6.4 9.6

72 28.1 21.6 32.4





#31

2,2-Dichloropropane

Concen: 19.523 ug/l

RT: 4.477 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

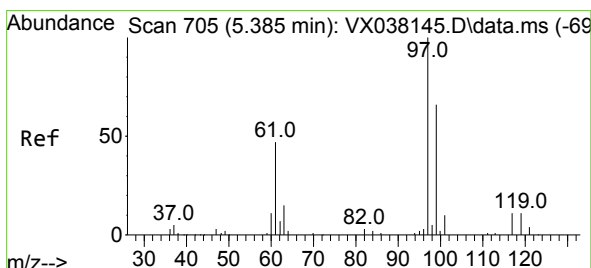
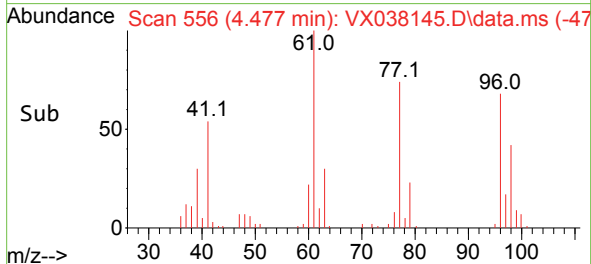
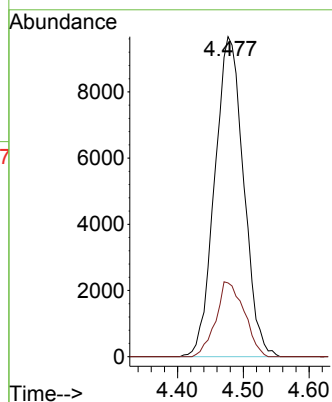
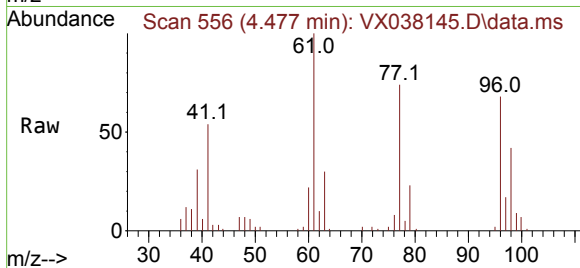
VSTDICCC020

Tgt Ion: 77 Resp: 29558

Ion Ratio Lower Upper

77 100

97 22.9 18.6 27.8



#32

1,1,1-Trichloroethane

Concen: 19.574 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

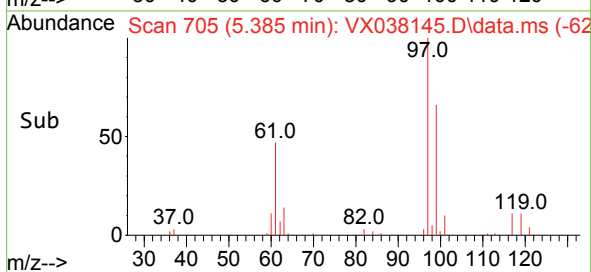
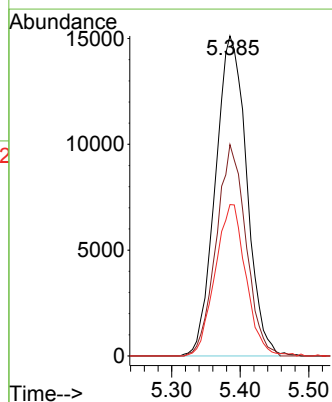
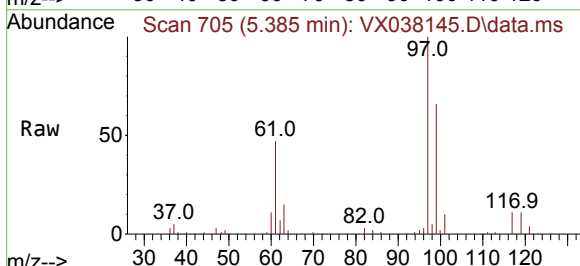
Tgt Ion: 97 Resp: 47933

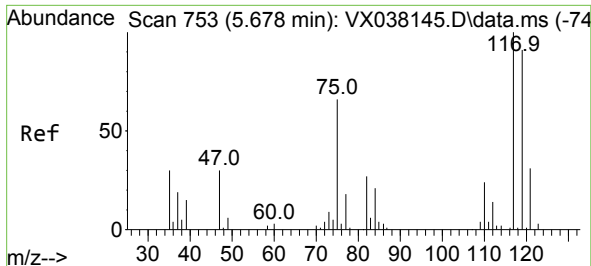
Ion Ratio Lower Upper

97 100

99 62.8 51.5 77.3

61 46.4 35.8 53.8

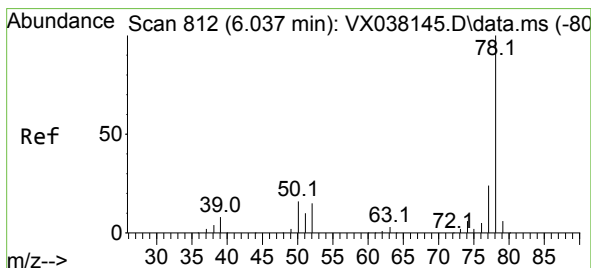
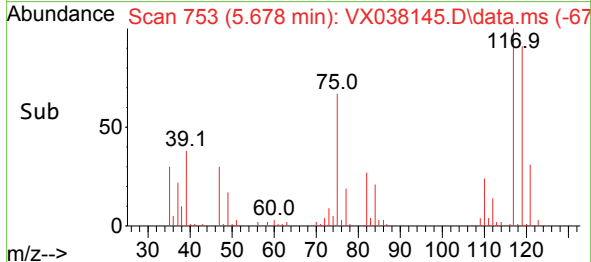
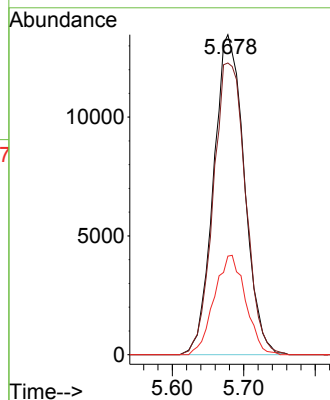
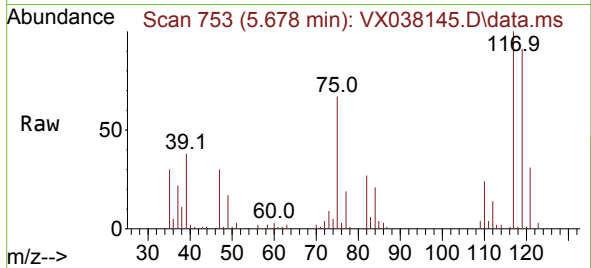




#33
Carbon Tetrachloride
Concen: 19.416 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

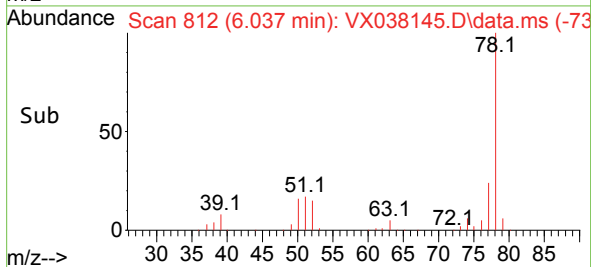
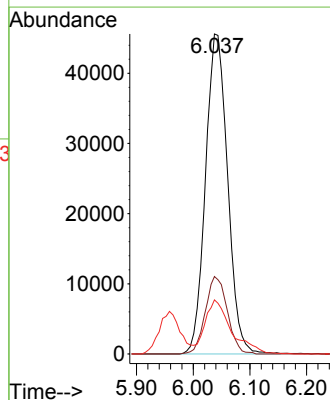
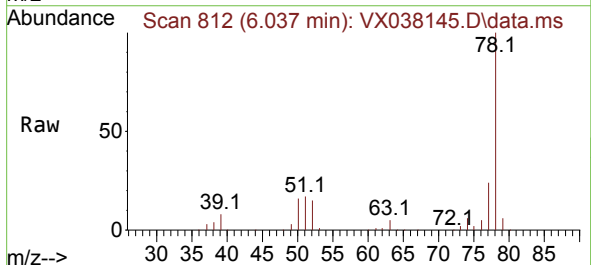
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

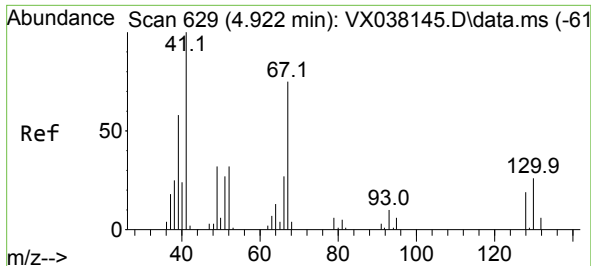
Tgt Ion:117 Resp: 40285
Ion Ratio Lower Upper
117 100
119 91.1 76.6 115.0
121 30.8 26.5 39.7



#34
Benzene
Concen: 20.409 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 78 Resp: 123736
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1
51 16.7 14.2 21.4

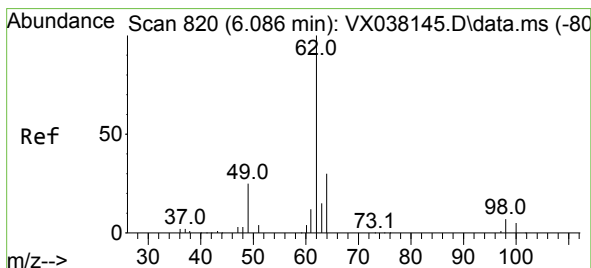
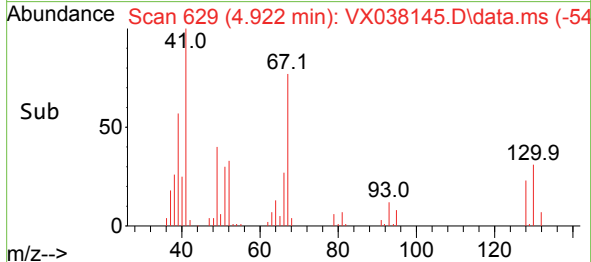
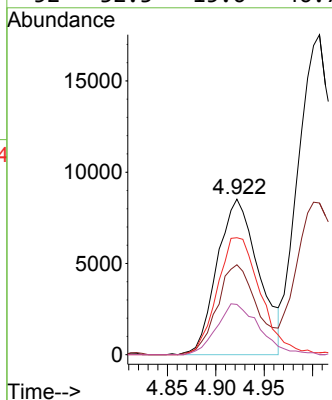
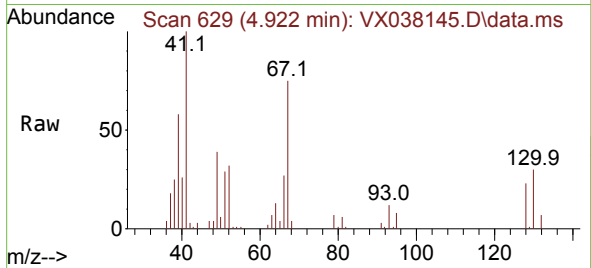




#35
Methacrylonitrile
Concen: 20.643 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

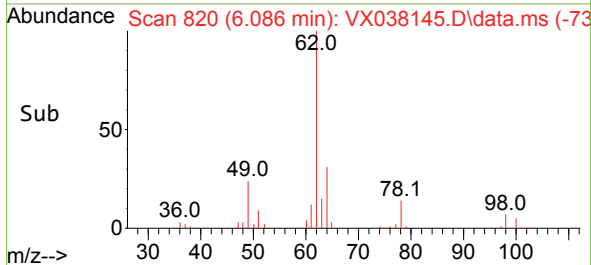
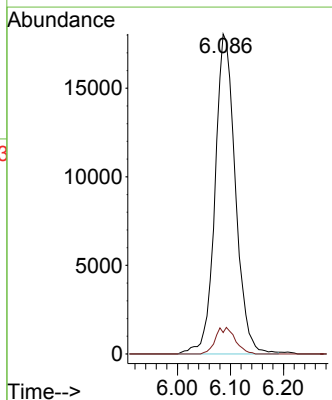
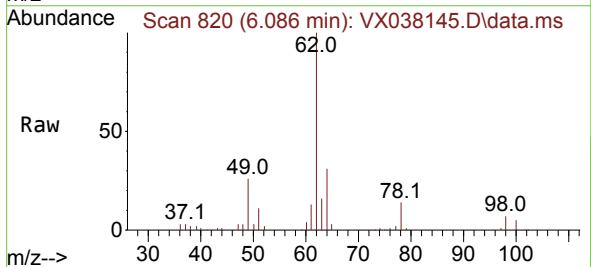
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

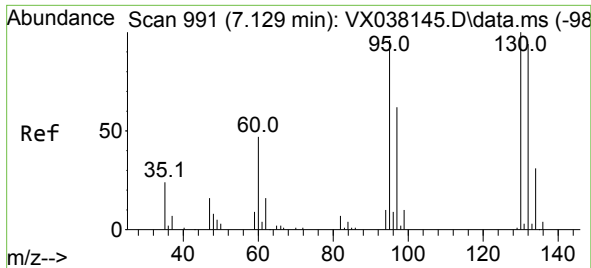
Tgt Ion:	41	Resp:	25458
Ion	Ratio	Lower	Upper
41	100		
39	57.8	28.2	84.7
67	75.2	35.0	105.1
52	32.3	15.6	46.7



#36
1,2-Dichloroethane
Concen: 20.510 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion:	62	Resp:	48240
Ion	Ratio	Lower	Upper
62	100		
98	3.7	7.0	10.6#

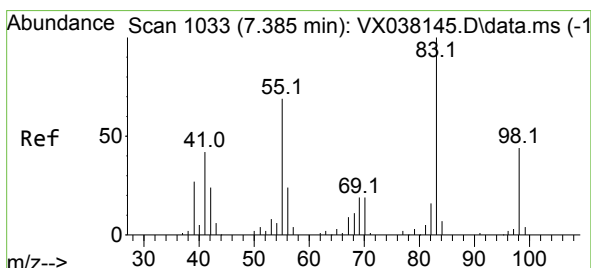
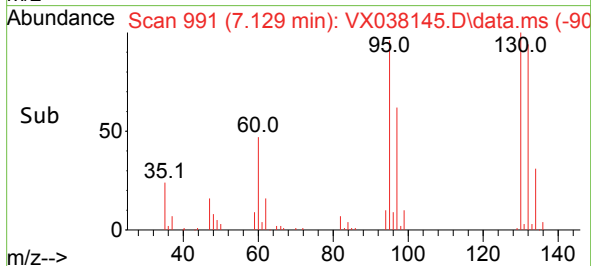
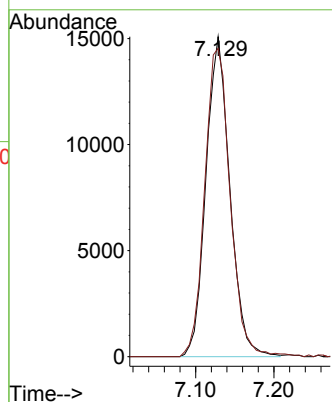
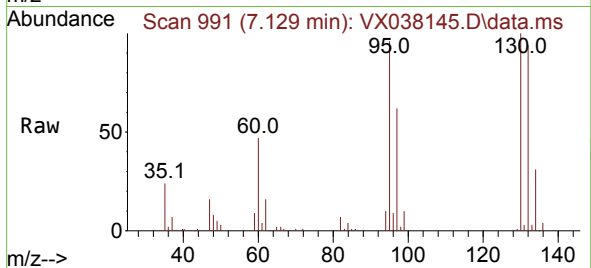




#37
Trichloroethene
Concen: 20.053 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

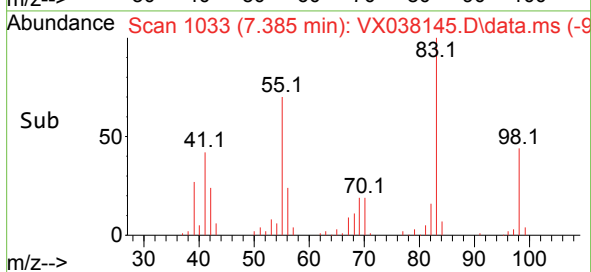
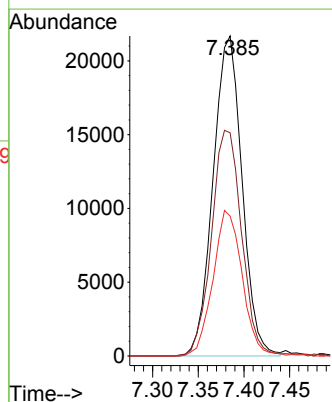
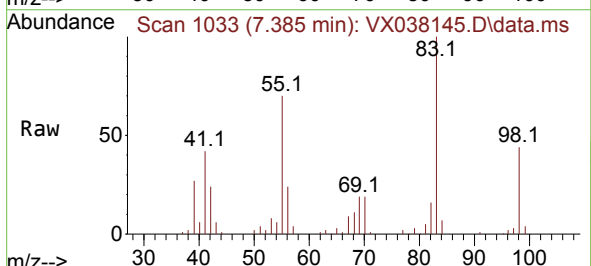
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

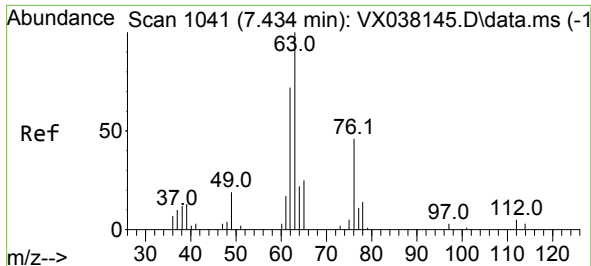
Tgt Ion:130 Resp: 32020
Ion Ratio Lower Upper
130 100
95 96.4 83.2 124.8



#38
Methylcyclohexane
Concen: 19.606 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 83 Resp: 47863
Ion Ratio Lower Upper
83 100
55 73.3 38.1 114.5
98 45.7 24.4 73.4





#39

1,2-Dichloropropane

Concen: 20.317 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

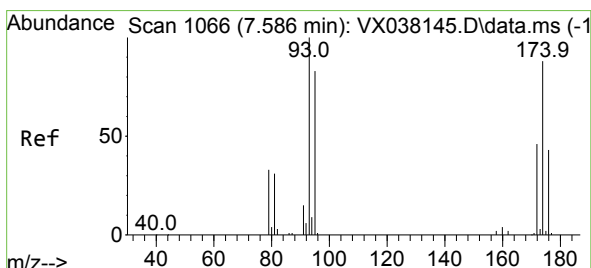
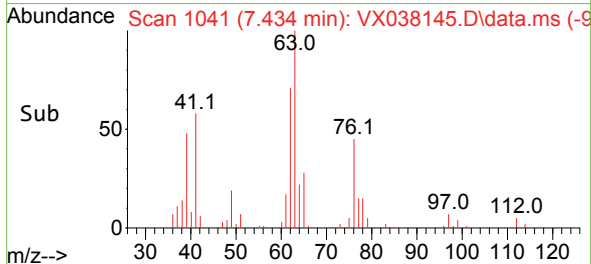
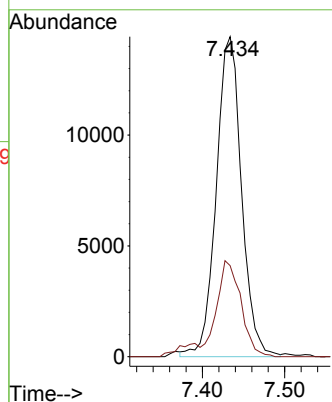
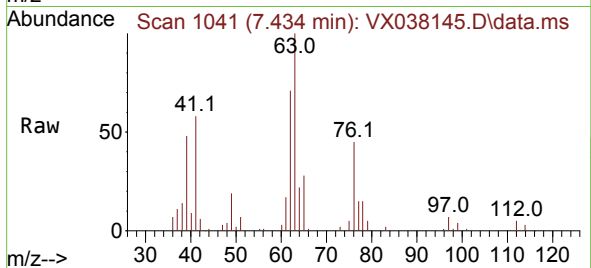
VSTDICCC020

Tgt Ion: 63 Resp: 30876

Ion Ratio Lower Upper

63 100

65 28.6 26.4 39.6



#40

Dibromomethane

Concen: 20.180 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

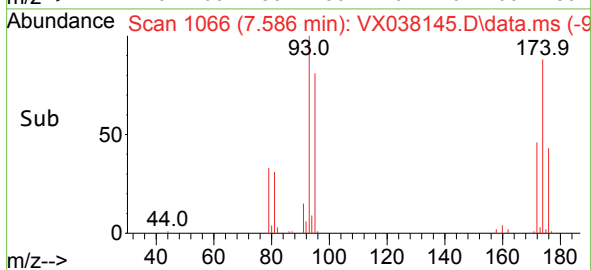
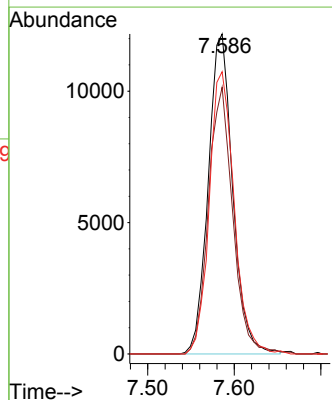
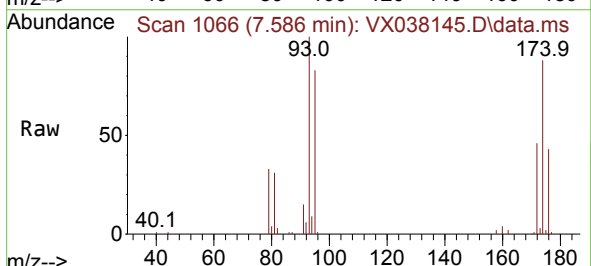
Tgt Ion: 93 Resp: 23964

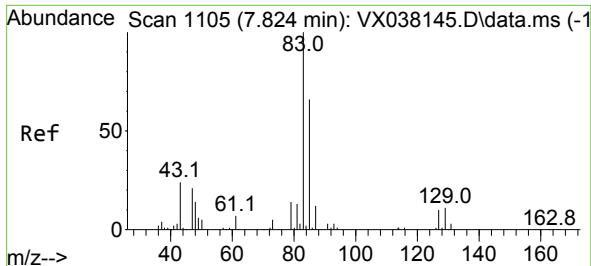
Ion Ratio Lower Upper

93 100

95 82.9 0.0 166.8

174 89.2 0.0 191.6

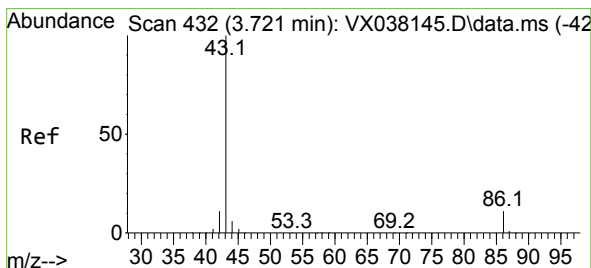
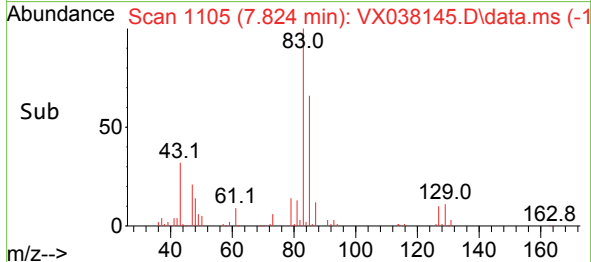
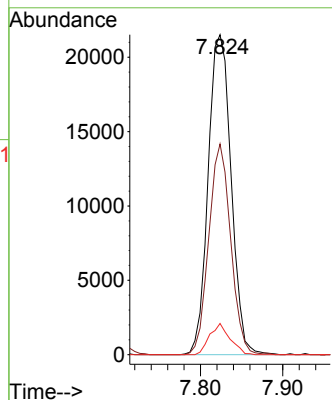
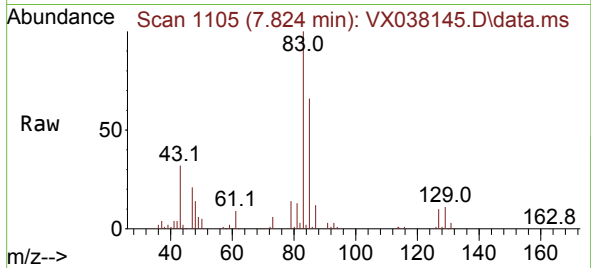




#41
Bromodichloromethane
Concen: 19.614 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

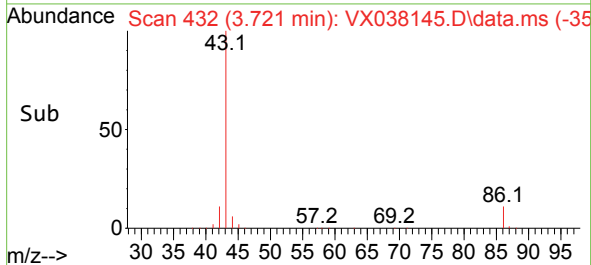
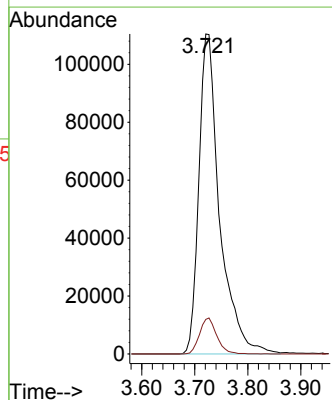
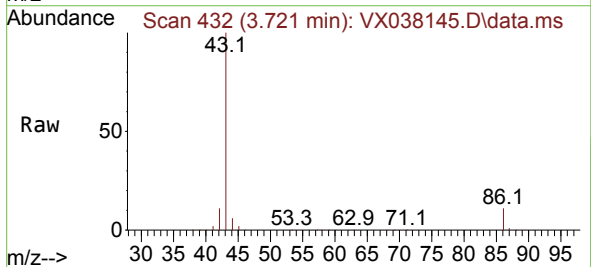
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

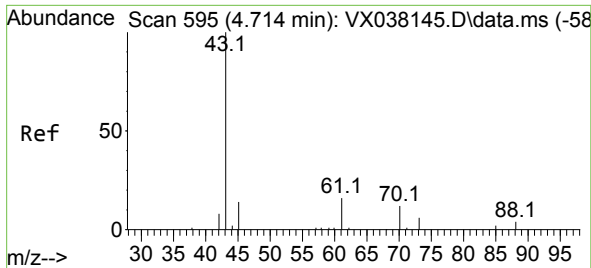
Tgt Ion: 83 Resp: 41755
Ion Ratio Lower Upper
83 100
85 65.8 51.5 77.3
127 9.7 6.4 9.6#



#42
Vinyl Acetate
Concen: 103.587 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 43 Resp: 300334
Ion Ratio Lower Upper
43 100
86 9.2 7.4 11.0

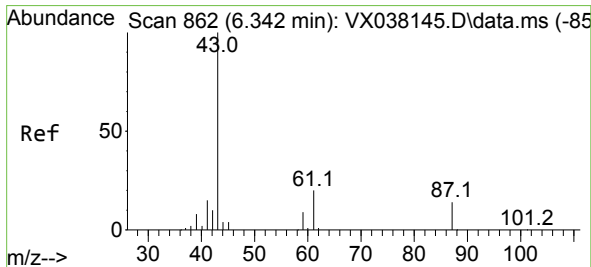
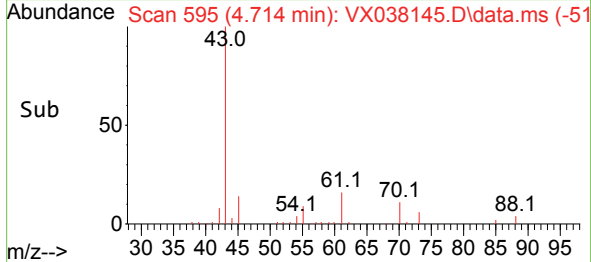
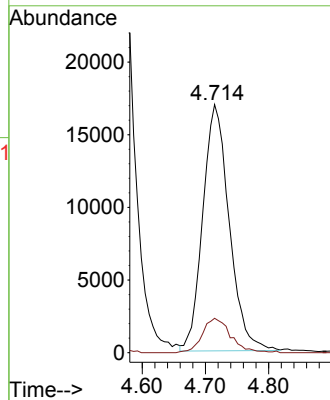
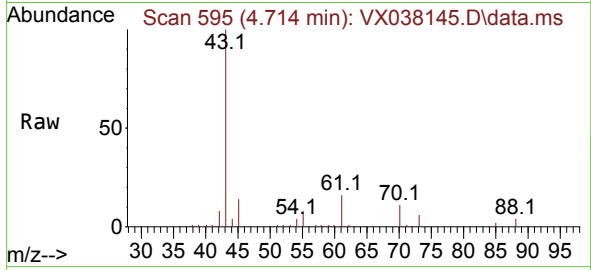




#43
Ethyl Acetate
Concen: 20.265 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

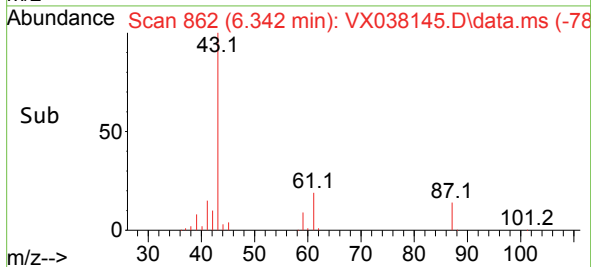
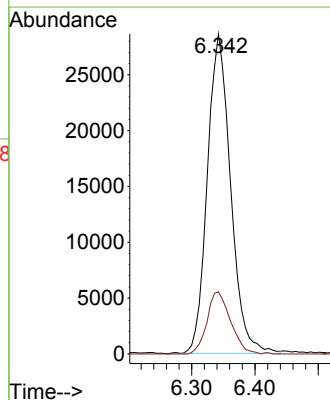
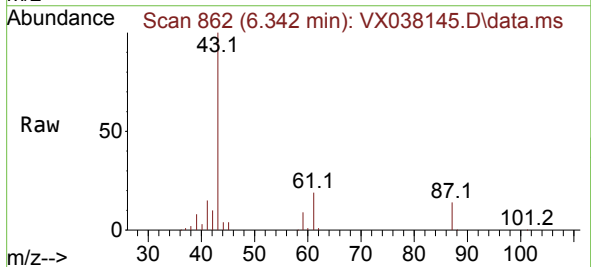
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

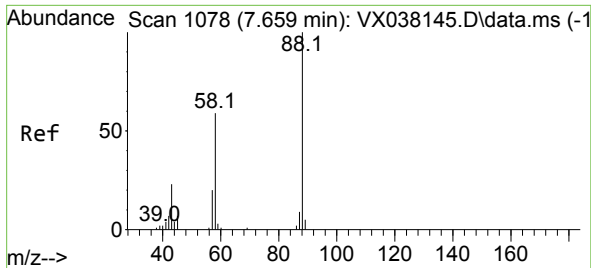
Tgt Ion: 43 Resp: 49380
Ion Ratio Lower Upper
43 100
45 14.8 12.6 18.8



#44
Isopropyl Acetate
Concen: 20.170 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 43 Resp: 73166
Ion Ratio Lower Upper
43 100
61 19.6 15.4 23.0

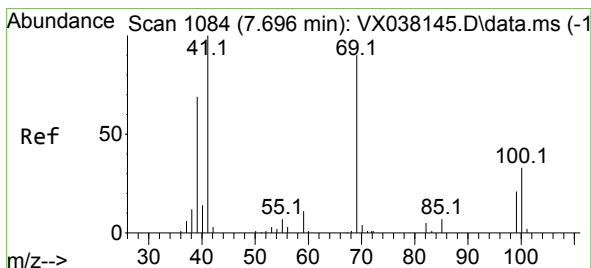
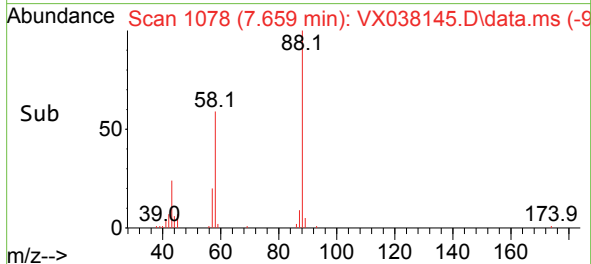
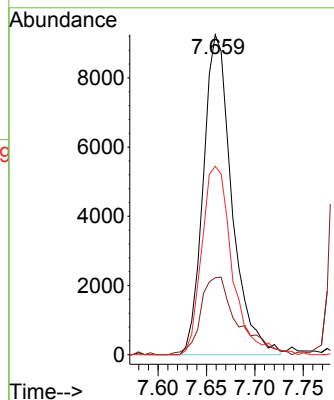
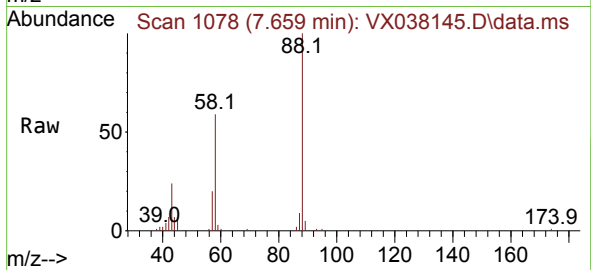




#45
1,4-Dioxane
Concen: 411.994 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

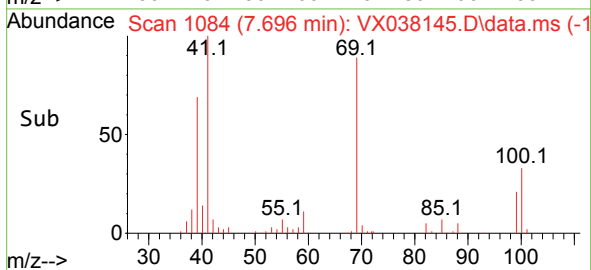
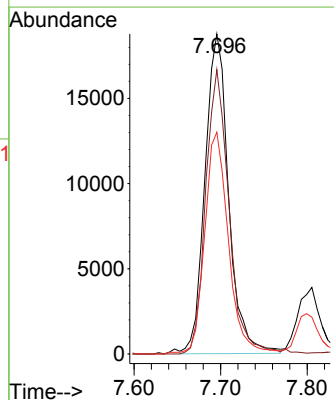
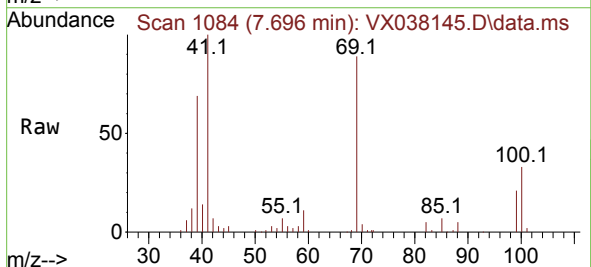
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

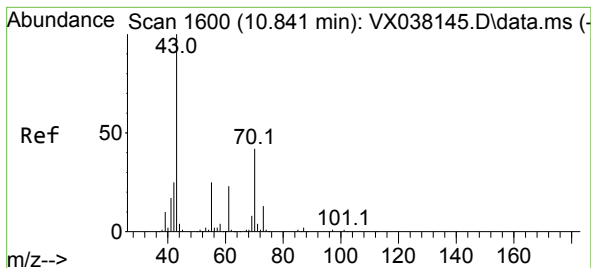
Tgt Ion: 88 Resp: 18992
Ion Ratio Lower Upper
88 100
43 31.3 297.5 446.3#
58 61.1 1.0 1.4#



#46
Methyl methacrylate
Concen: 19.890 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 41 Resp: 35572
Ion Ratio Lower Upper
41 100
69 89.6 44.4 133.1
39 69.3 34.9 104.7





#47

n-amyl acetate

Concen: 19.768 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

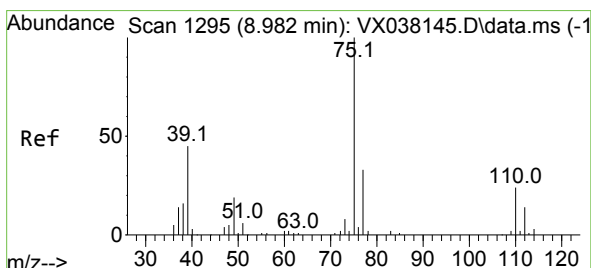
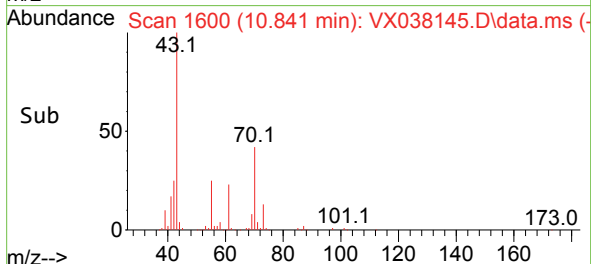
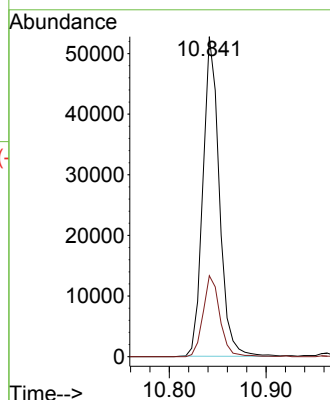
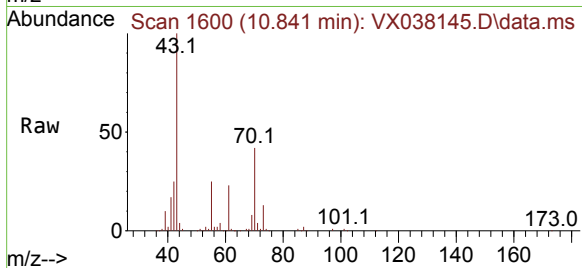
VSTDICCC020

Tgt Ion: 43 Resp: 62252

Ion Ratio Lower Upper

43 100

55 26.0 18.6 28.0



#48

t-1,3-Dichloropropene

Concen: 18.544 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX038145.D

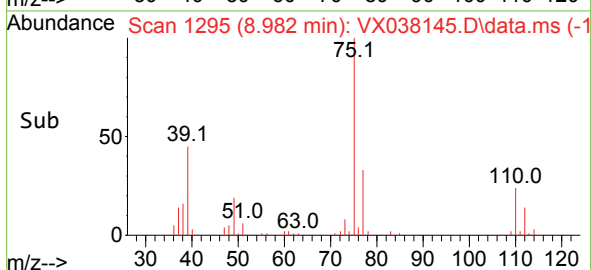
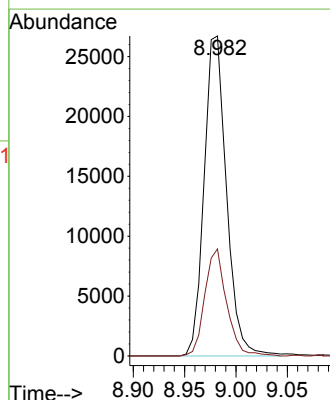
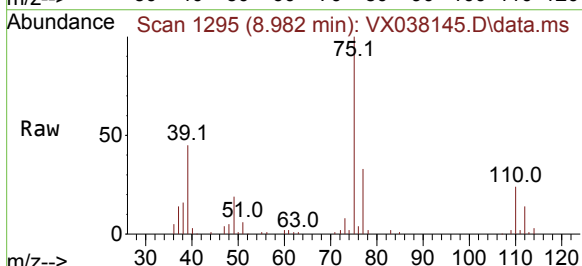
Acq: 06 Oct 2023 22:43

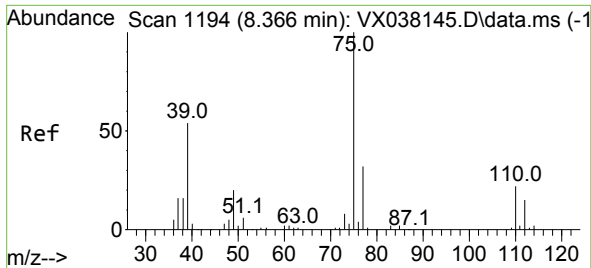
Tgt Ion: 75 Resp: 40577

Ion Ratio Lower Upper

75 100

77 33.4 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 18.753 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

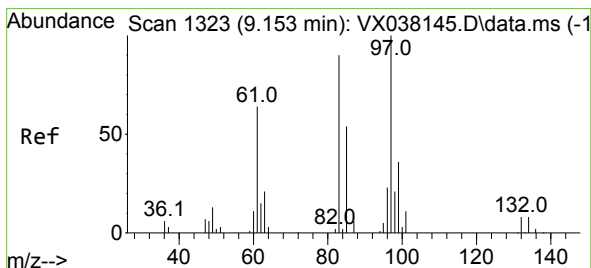
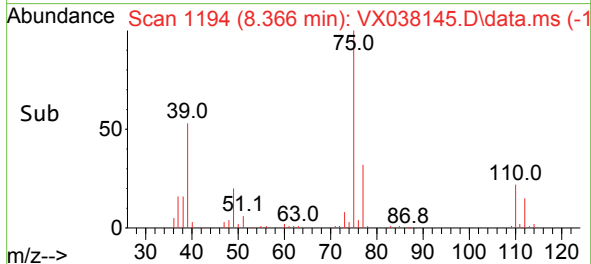
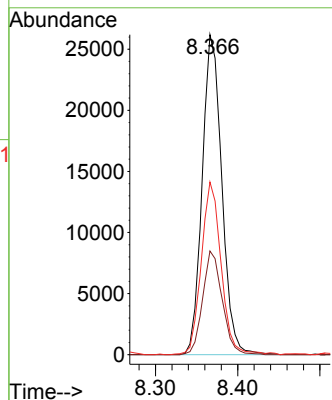
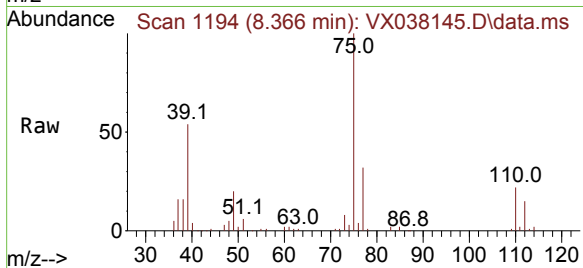
Tgt Ion: 75 Resp: 43506

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2

39 53.9 40.2 60.4



#50

1,1,2-Trichloroethane

Concen: 19.613 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Tgt Ion: 97 Resp: 32883

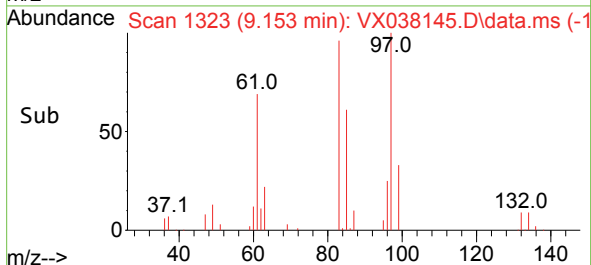
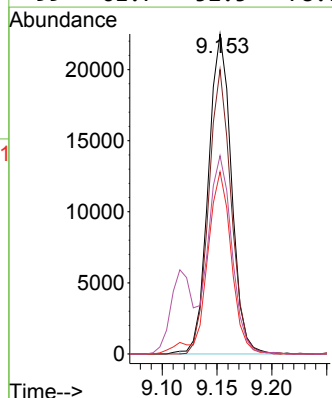
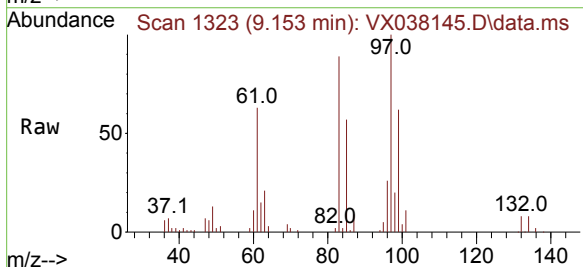
Ion Ratio Lower Upper

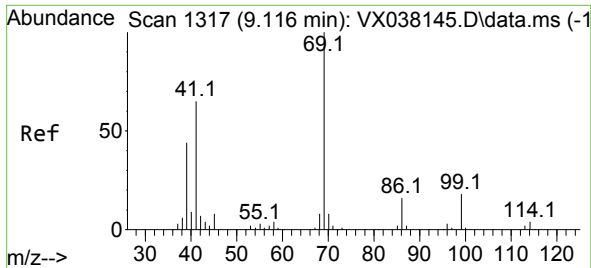
97 100

83 88.9 70.0 105.0

85 56.9 46.1 69.1

99 61.7 52.5 78.7

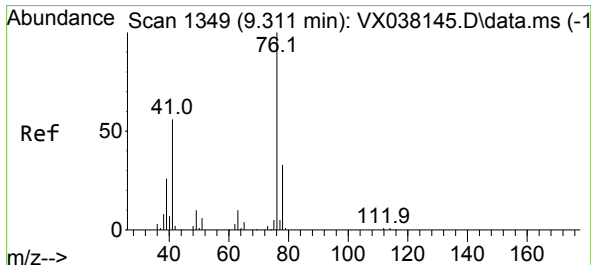
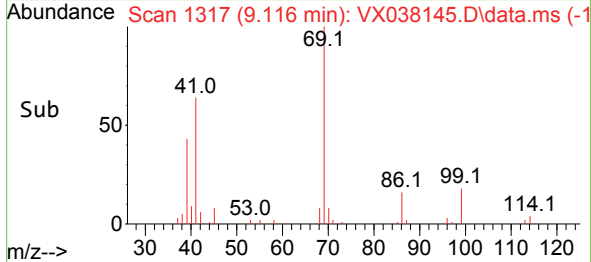
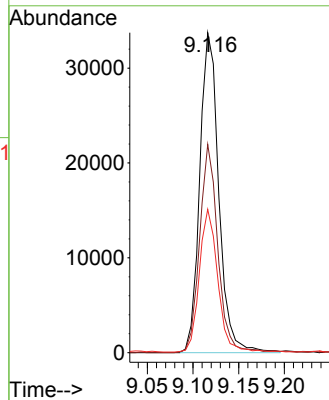
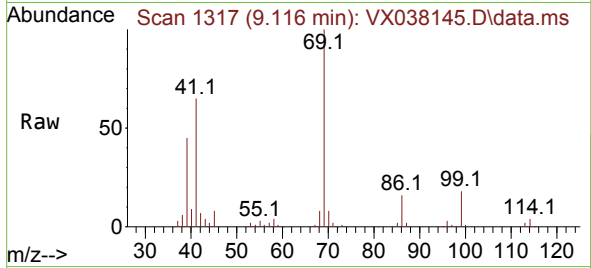




#51
Ethyl methacrylate
Concen: 19.472 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

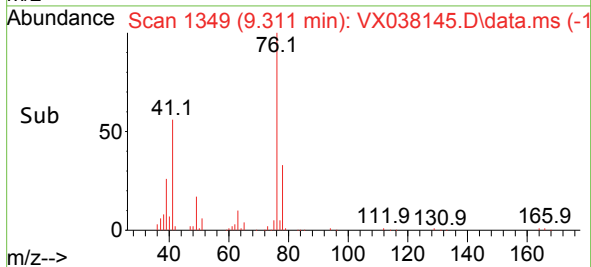
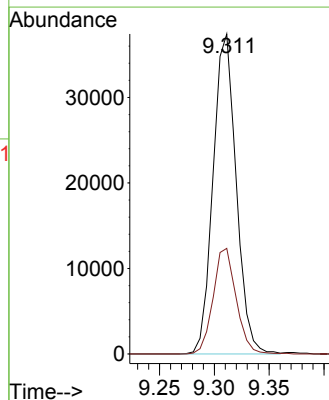
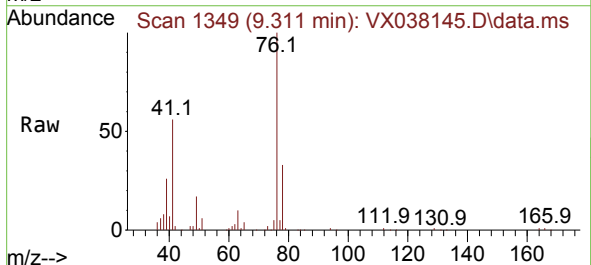
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

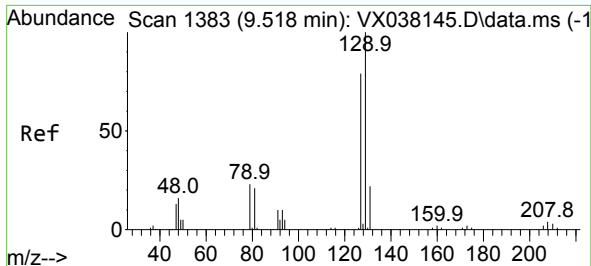
Tgt Ion: 69 Resp: 48891
Ion Ratio Lower Upper
69 100
41 64.8 32.0 96.0
39 44.5 19.4 58.4



#52
1,3-Dichloropropane
Concen: 20.144 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 76 Resp: 54923
Ion Ratio Lower Upper
76 100
78 32.9 0.0 63.6

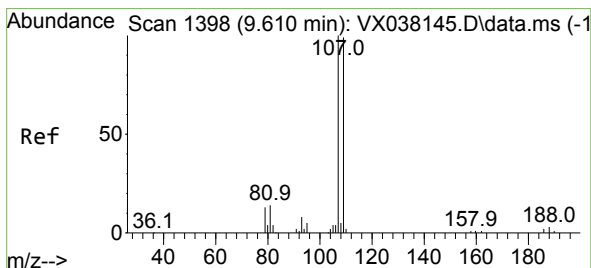
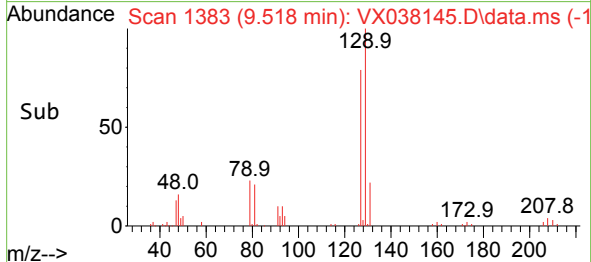
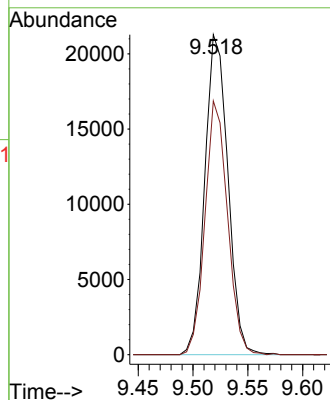
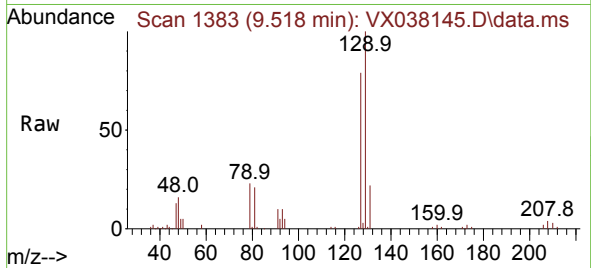




#53
Dibromochloromethane
Concen: 18.758 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

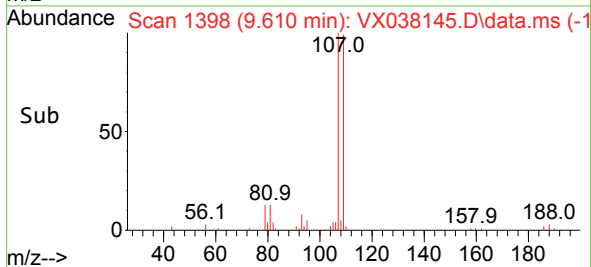
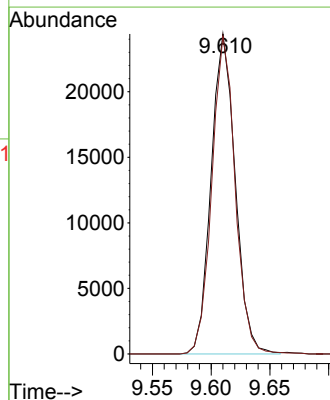
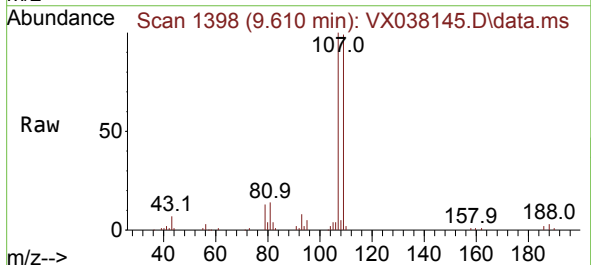
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

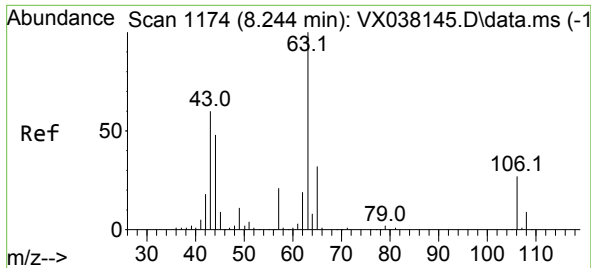
Tgt Ion:129 Resp: 31155
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8



#54
1,2-Dibromoethane
Concen: 19.064 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion:107 Resp: 34925
Ion Ratio Lower Upper
107 100
109 96.0 74.7 112.1



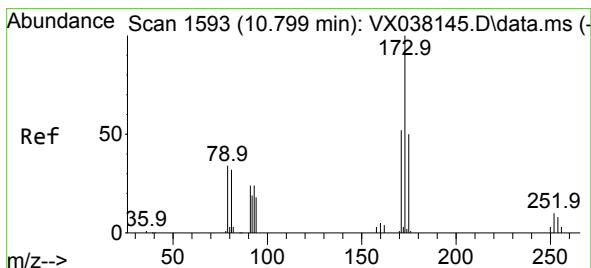
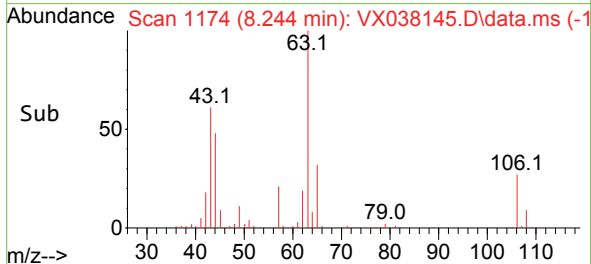
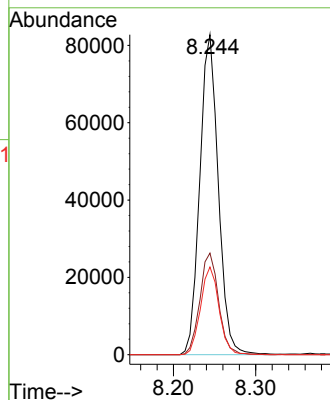
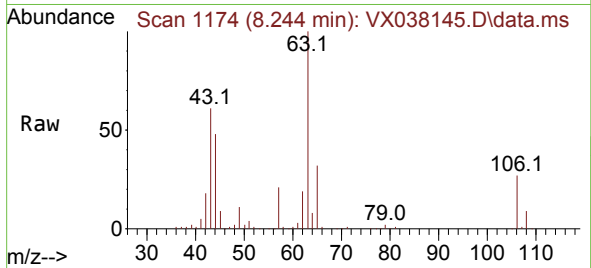


#55
 2-Chloroethyl vinyl ether
 Concen: 102.176 ug/l
 RT: 8.244 min Scan# 1174
 Delta R.T. 0.000 min
 Lab File: VX038145.D
 Acq: 06 Oct 2023 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 63 Resp: 129490

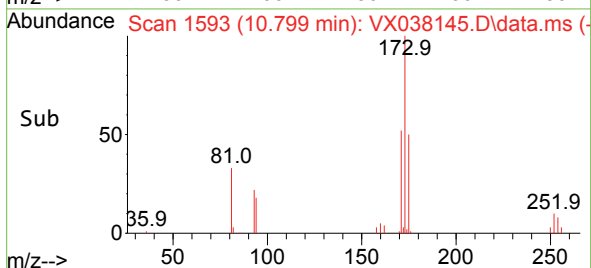
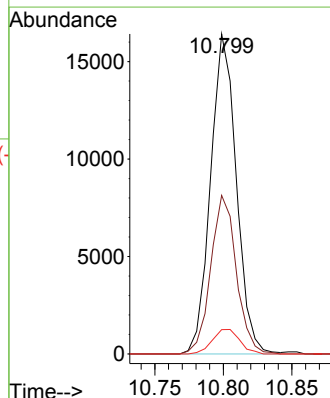
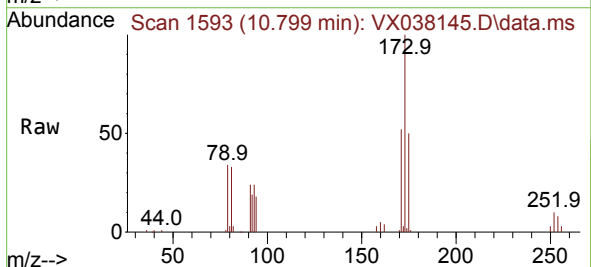
Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.9	38.9
106	27.3	21.8	32.8

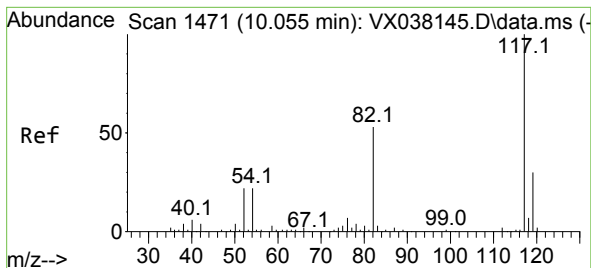


#56
 Bromoform
 Concen: 17.267 ug/l
 RT: 10.799 min Scan# 1593
 Delta R.T. 0.000 min
 Lab File: VX038145.D
 Acq: 06 Oct 2023 22:43

Tgt Ion: 173 Resp: 21433

Ion	Ratio	Lower	Upper
173	100		
175	49.2	38.1	57.1
254	8.2	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: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

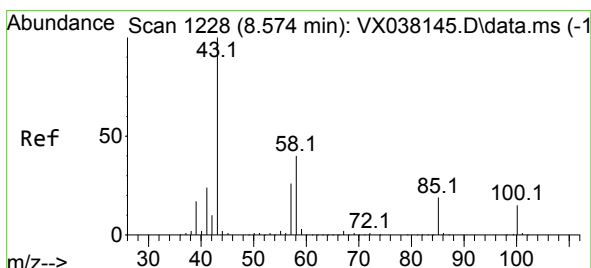
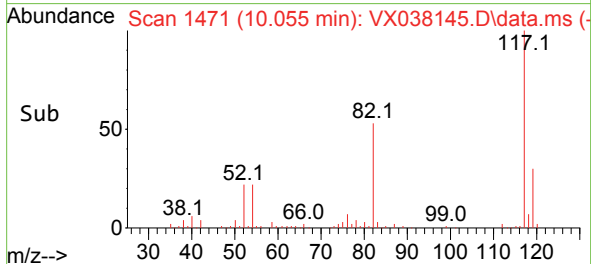
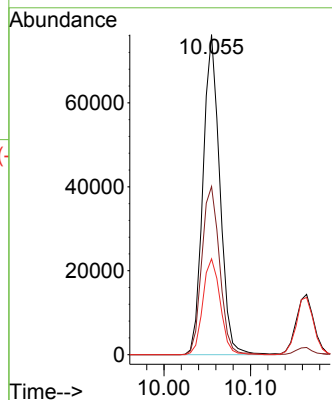
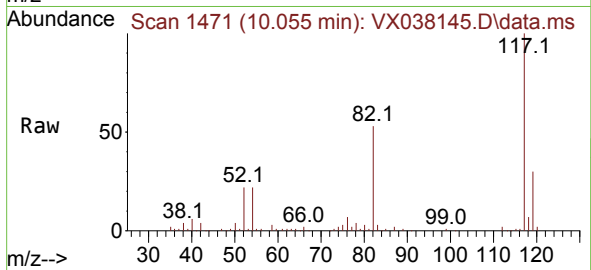
Tgt Ion:117 Resp: 102810

Ion Ratio Lower Upper

117 100

82 55.7 44.7 67.1

119 30.9 25.6 38.4



#58

4-Methyl-2-Pentanone

Concen: 102.854 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

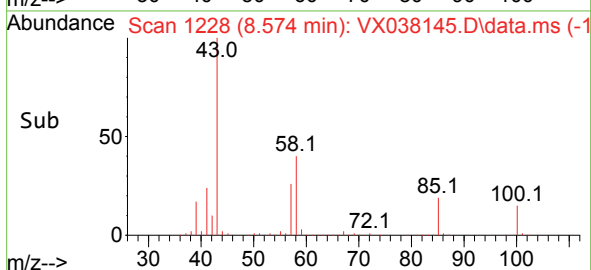
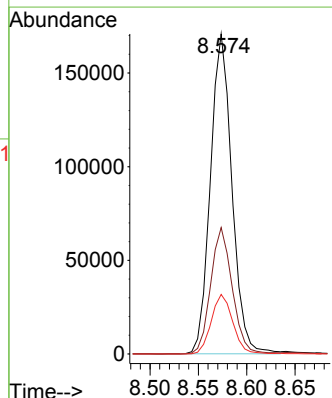
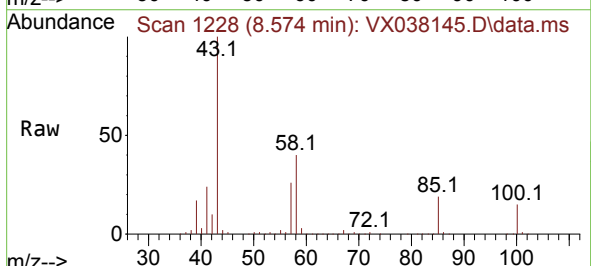
Tgt Ion: 43 Resp: 264675

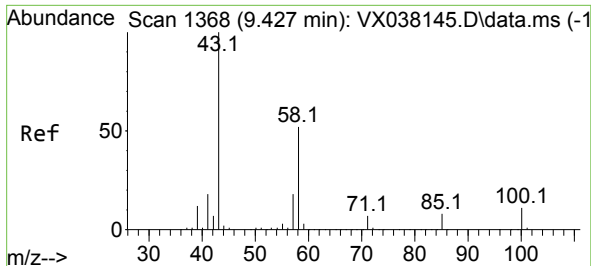
Ion Ratio Lower Upper

43 100

58 39.6 30.9 46.3

85 18.6 14.4 21.6





#59

2-Hexanone

Concen: 103.927 ug/l

RT: 9.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

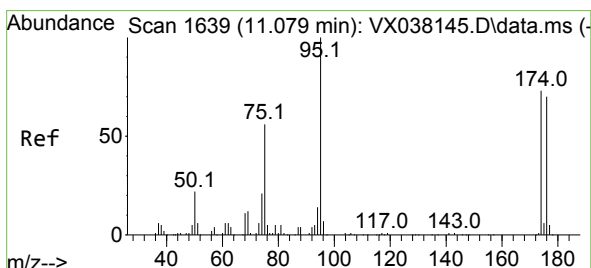
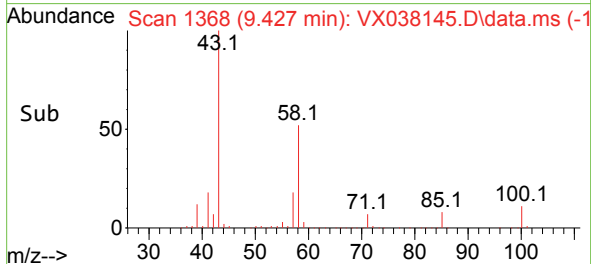
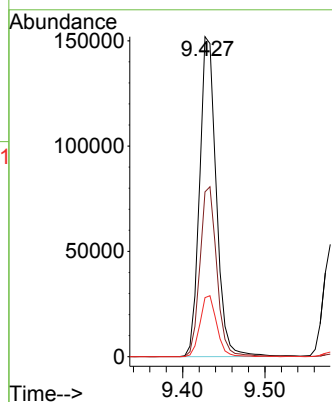
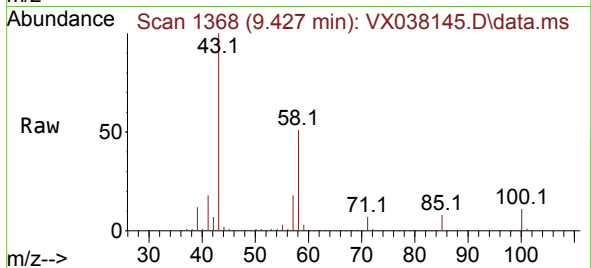
Tgt Ion: 43 Resp: 215013

Ion Ratio Lower Upper

43 100

58 53.6 43.4 65.2

57 19.1 15.1 22.7



#60

4-Bromofluorobenzene

Concen: 29.207 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

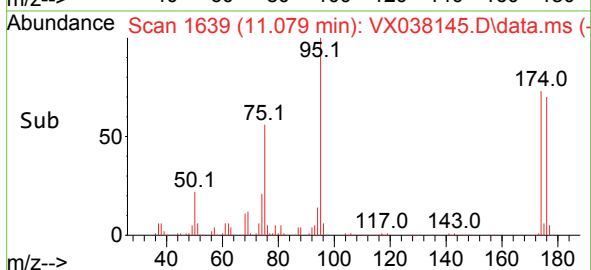
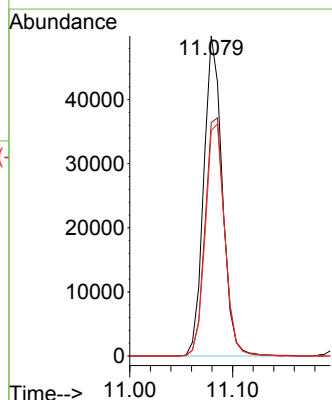
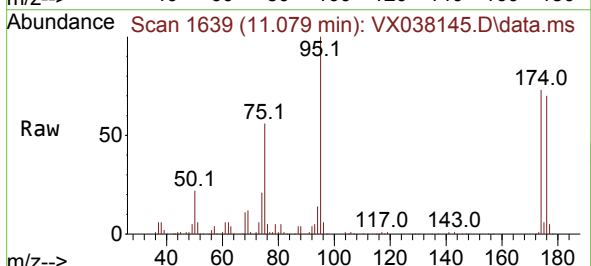
Tgt Ion: 95 Resp: 62552

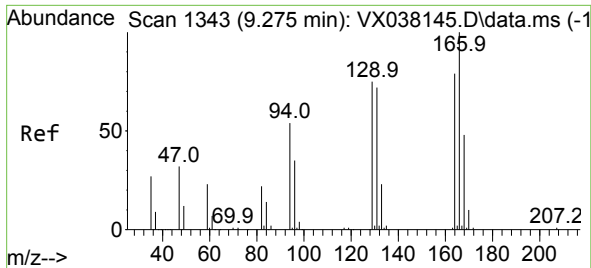
Ion Ratio Lower Upper

95 100

174 78.3 60.5 90.7

176 75.8 58.2 87.4

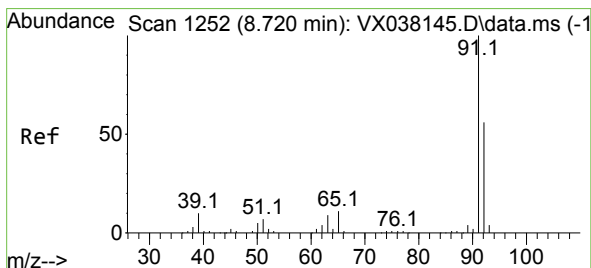
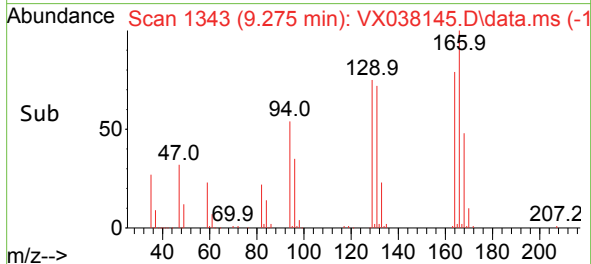
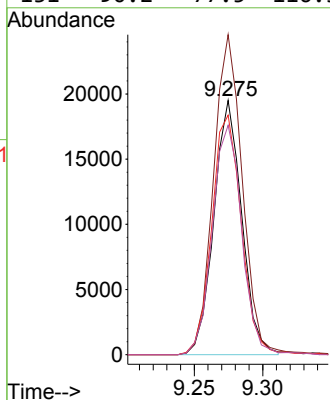
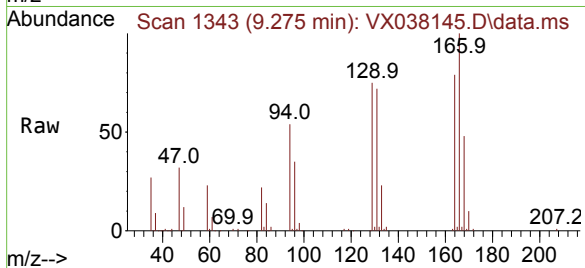




#61
Tetrachloroethene
Concen: 19.639 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

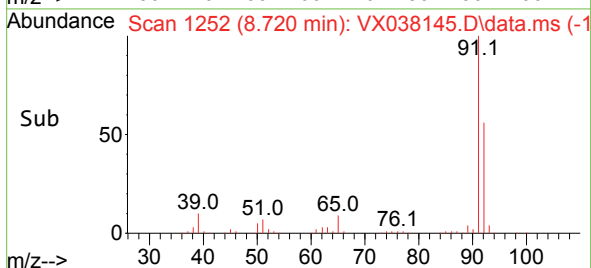
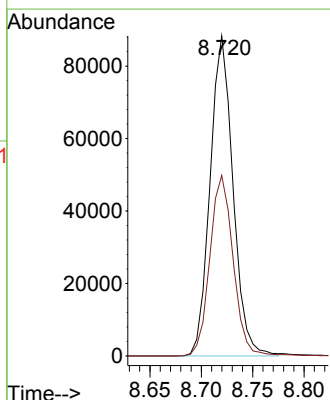
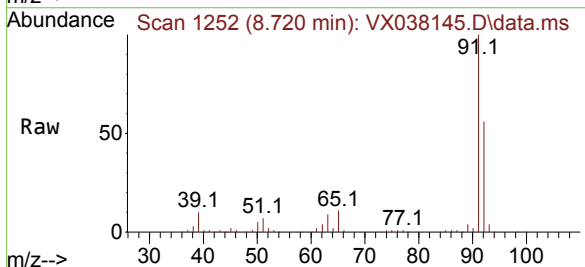
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

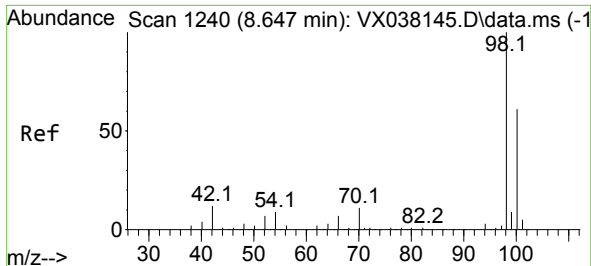
Tgt Ion:164 Resp: 27589
Ion Ratio Lower Upper
164 100
166 125.9 104.5 156.7
129 94.2 78.0 117.0
131 90.2 77.5 116.3



#62
Toluene
Concen: 19.986 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 91 Resp: 136902
Ion Ratio Lower Upper
91 100
92 57.3 44.9 67.3

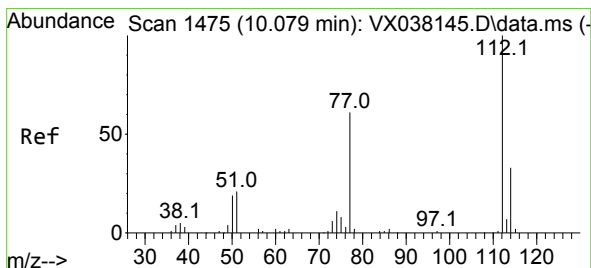
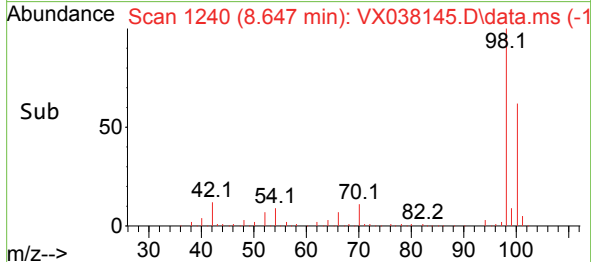
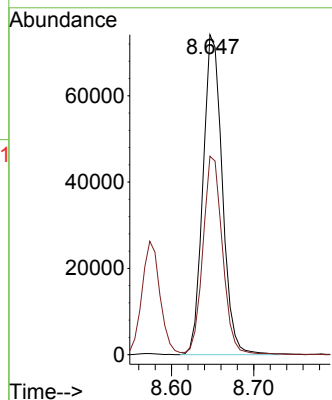
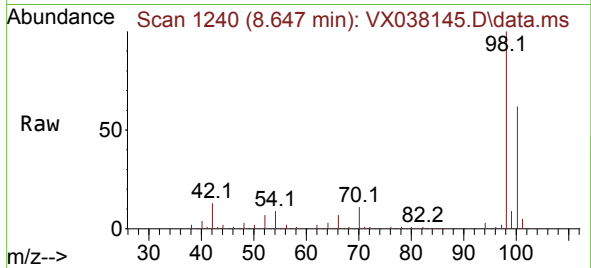




#63
Toluene-d8
Concen: 30.399 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

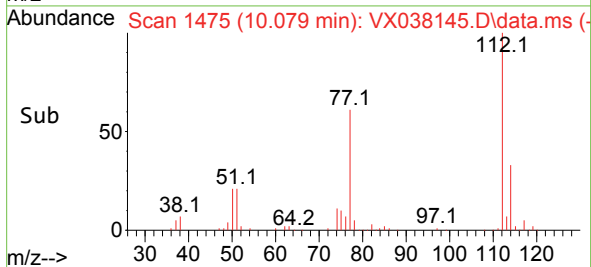
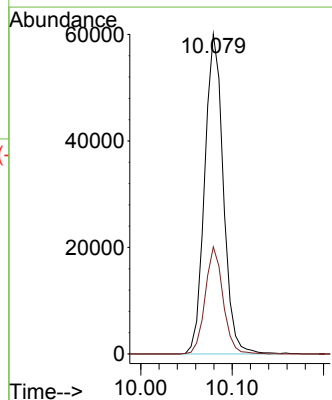
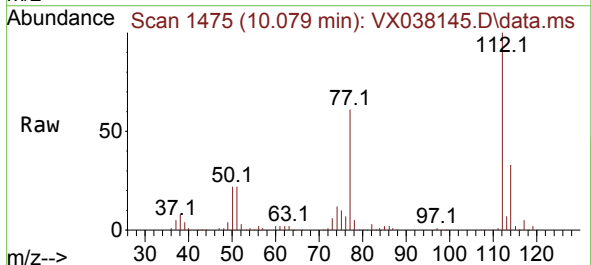
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

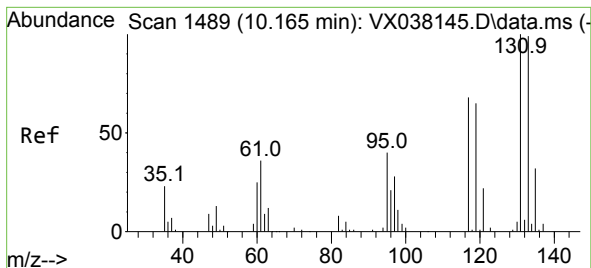
Tgt Ion: 98 Resp: 121022
Ion Ratio Lower Upper
98 100
100 62.9 51.6 77.4



#64
Chlorobenzene
Concen: 19.776 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 112 Resp: 84829
Ion Ratio Lower Upper
112 100
114 33.5 25.8 38.6

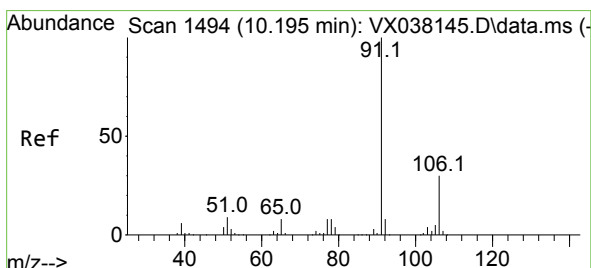
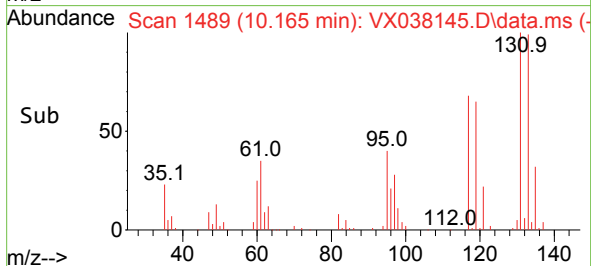
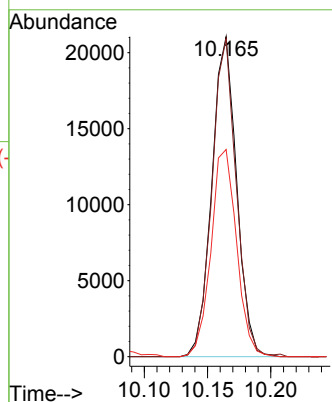
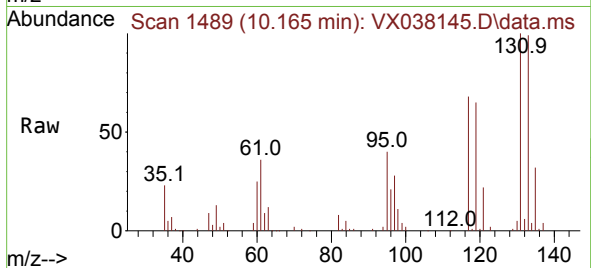




#65
1,1,1,2-Tetrachloroethane
Concen: 19.173 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

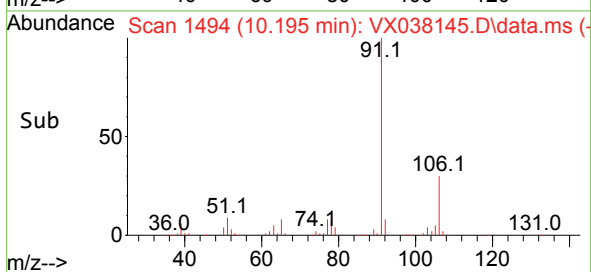
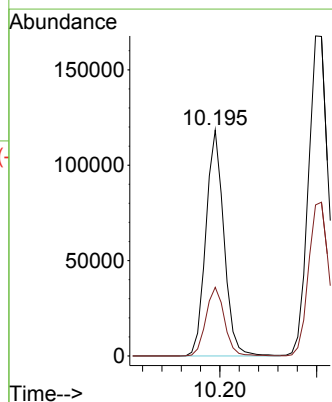
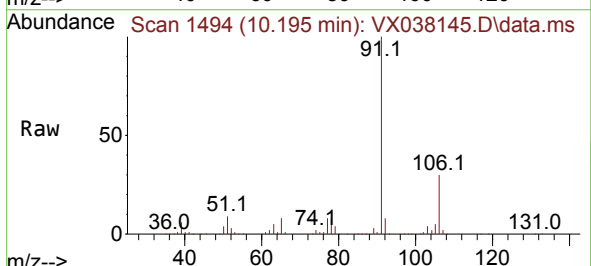
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

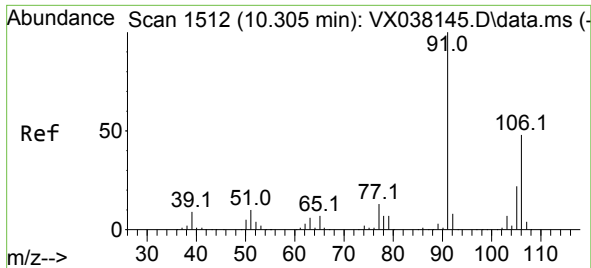
Tgt Ion:131 Resp: 28670
Ion Ratio Lower Upper
131 100
133 97.4 0.0 192.0
119 66.9 0.0 132.8



#66
Ethyl Benzene
Concen: 19.813 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 91 Resp: 153894
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.4

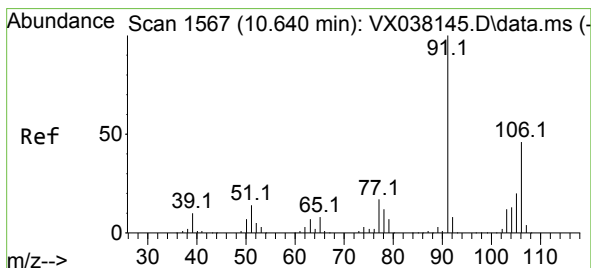
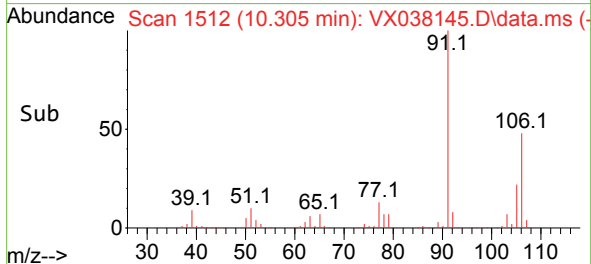
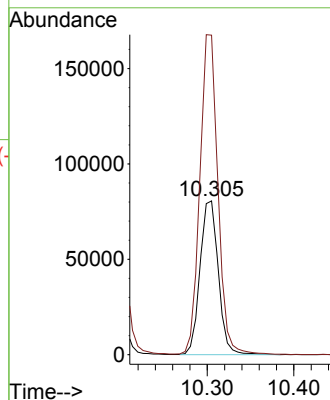
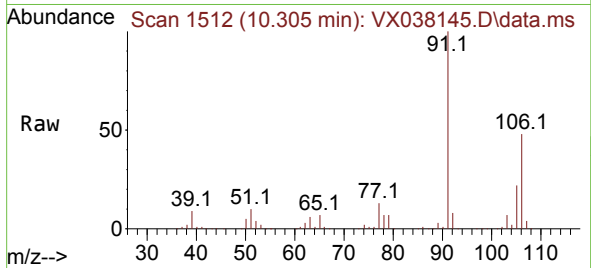




#67
m/p-Xylenes
Concen: 39.259 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

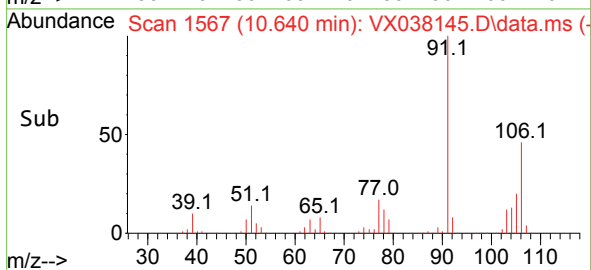
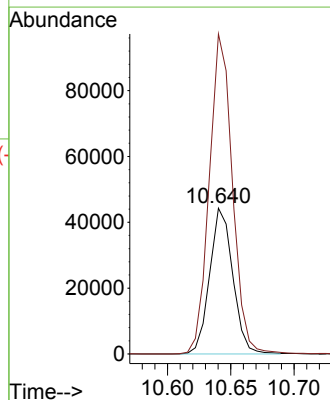
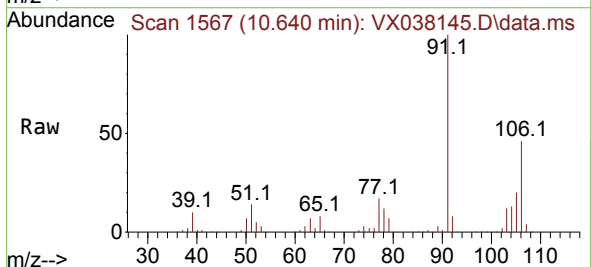
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

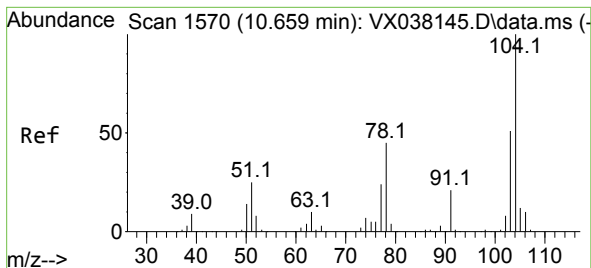
Tgt Ion:106 Resp: 118301
Ion Ratio Lower Upper
106 100
91 206.2 160.5 240.7



#68
o-Xylene
Concen: 19.292 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion:106 Resp: 56406
Ion Ratio Lower Upper
106 100
91 218.8 105.4 316.1





#69

Styrene

Concen: 19.413 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

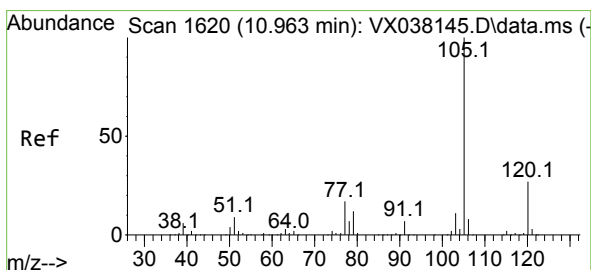
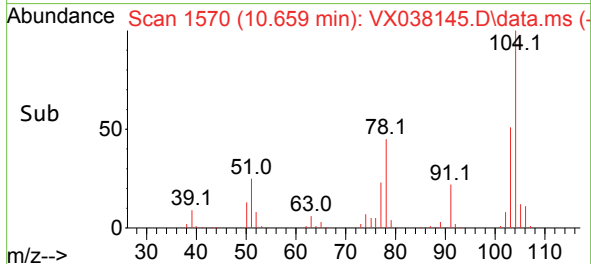
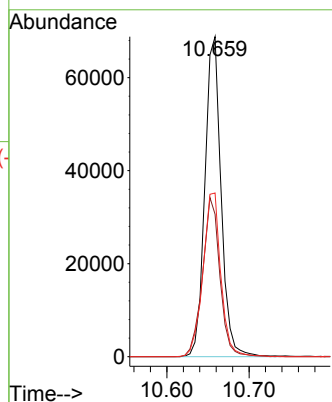
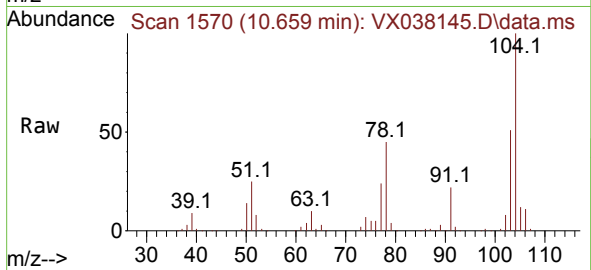
Tgt Ion:104 Resp: 94316

Ion Ratio Lower Upper

104 100

78 53.2 41.0 61.4

103 56.5 45.5 68.3



#70

Isopropylbenzene

Concen: 19.705 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038145.D

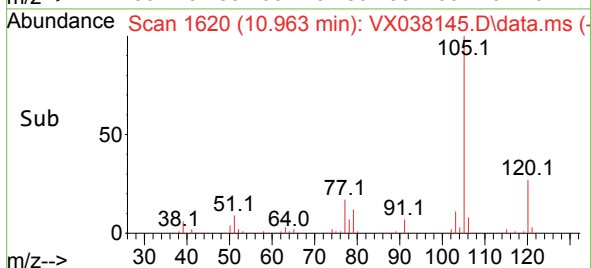
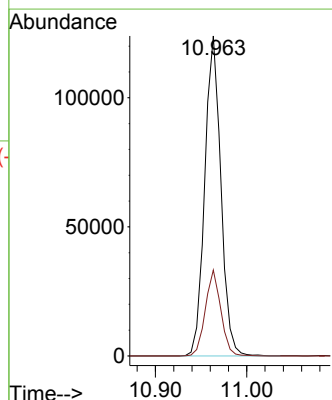
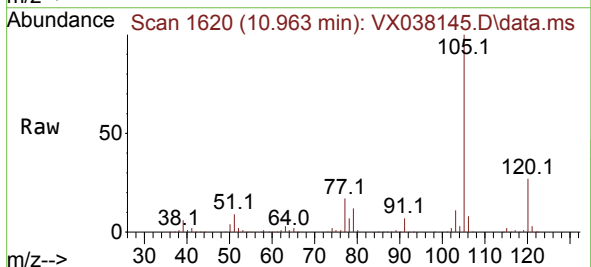
Acq: 06 Oct 2023 22:43

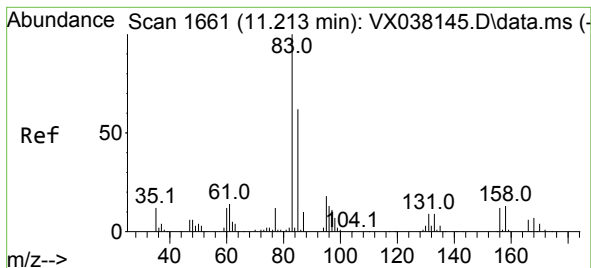
Tgt Ion:105 Resp: 151941

Ion Ratio Lower Upper

105 100

120 25.8 19.5 36.3

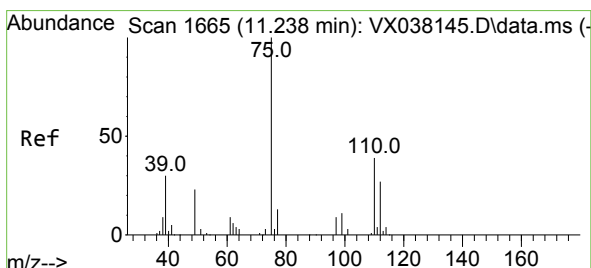
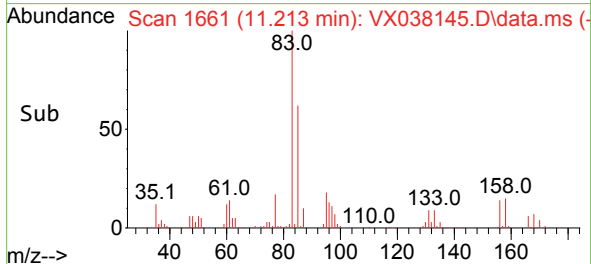
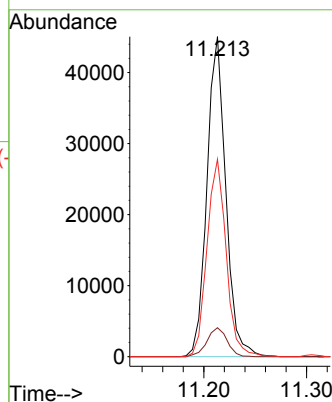
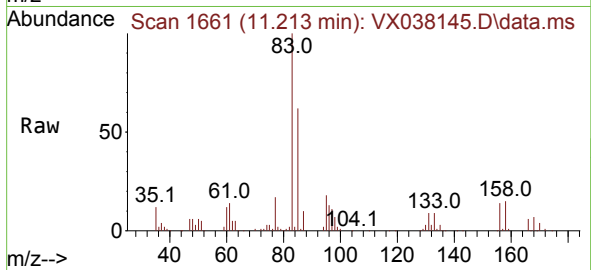




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.218 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX038145.D
 Acq: 06 Oct 2023 22:43

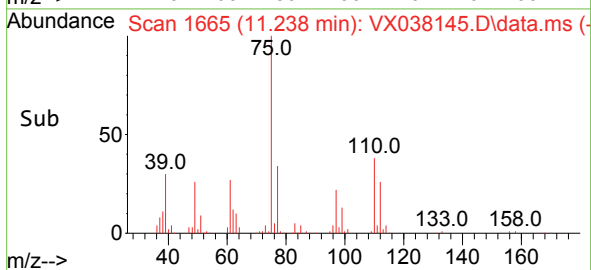
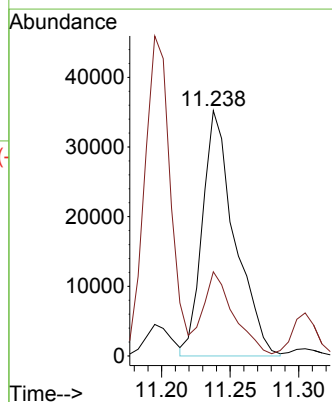
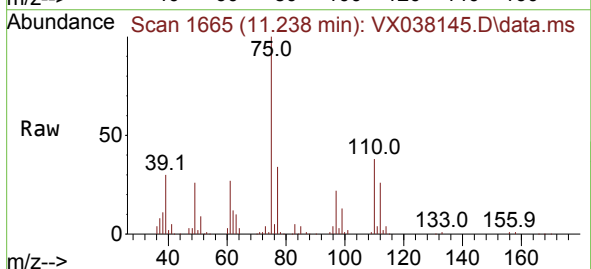
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

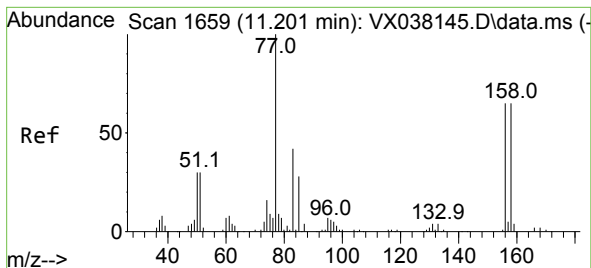
Tgt Ion: 83 Resp: 57461
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.3 15.8
 85 62.7 32.4 97.0



#72
 1,2,3-Trichloropropane
 Concen: 22.414 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX038145.D
 Acq: 06 Oct 2023 22:43

Tgt Ion: 75 Resp: 57934
 Ion Ratio Lower Upper
 75 100
 77 33.2 0.0 77.2





#73

Bromobenzene

Concen: 18.996 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

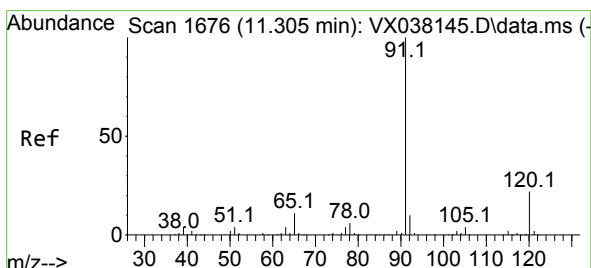
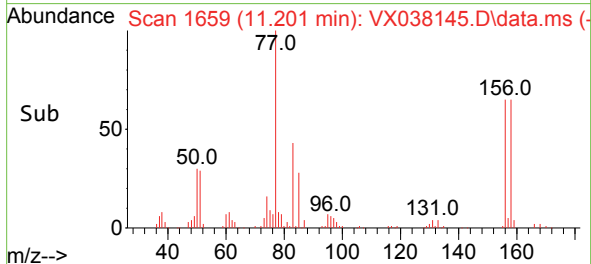
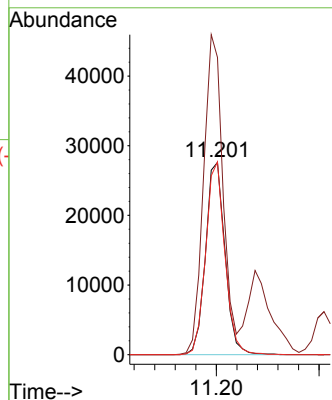
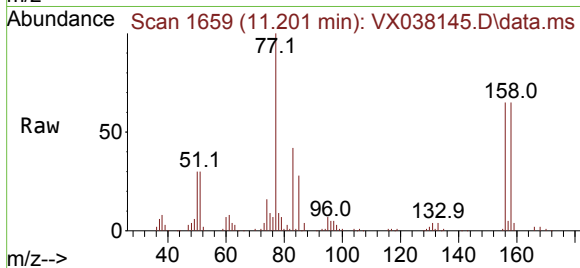
Tgt Ion:156 Resp: 36269

Ion Ratio Lower Upper

156 100

77 165.7 0.0 333.0

158 99.2 0.0 196.4



#74

n-propylbenzene

Concen: 19.630 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038145.D

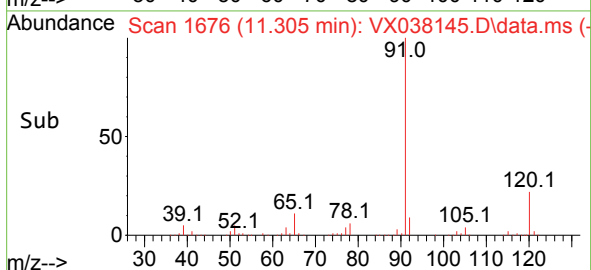
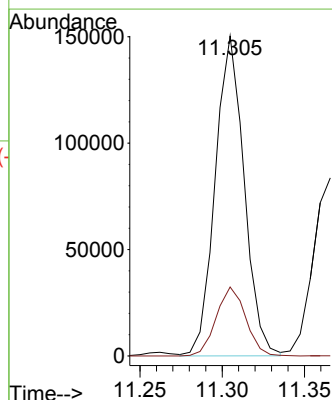
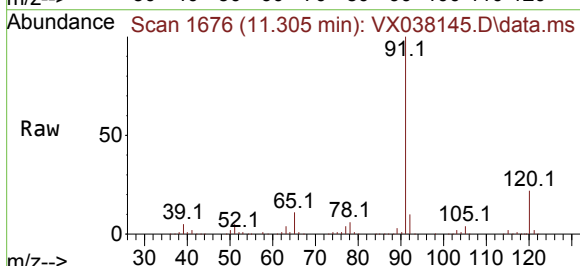
Acq: 06 Oct 2023 22:43

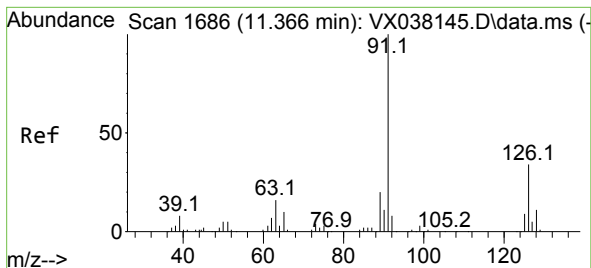
Tgt Ion: 91 Resp: 183941

Ion Ratio Lower Upper

91 100

120 22.0 0.0 46.6

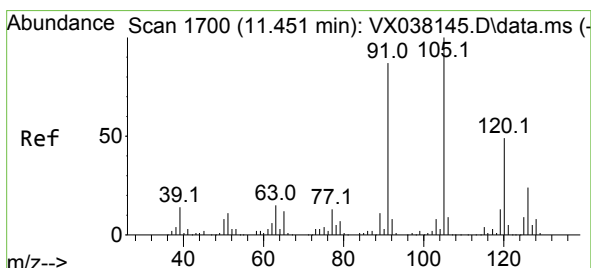
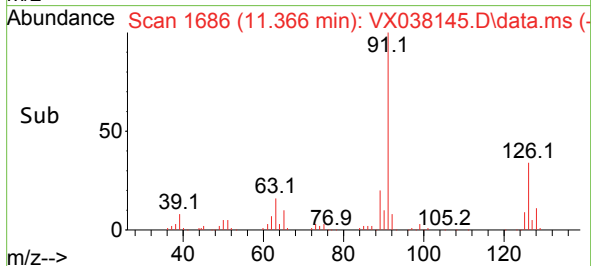
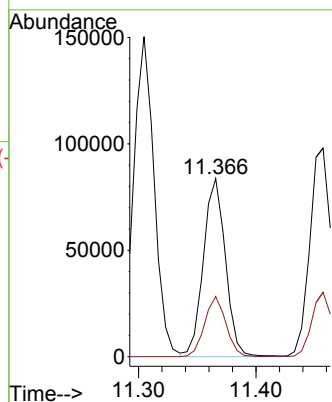
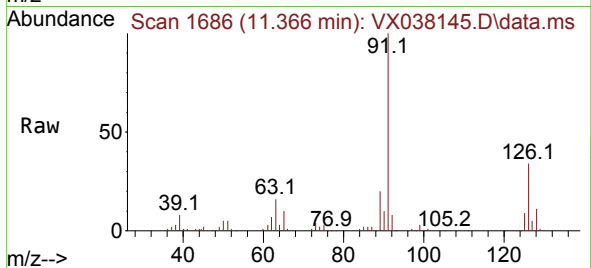




#75
2-Chlorotoluene
Concen: 19.853 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

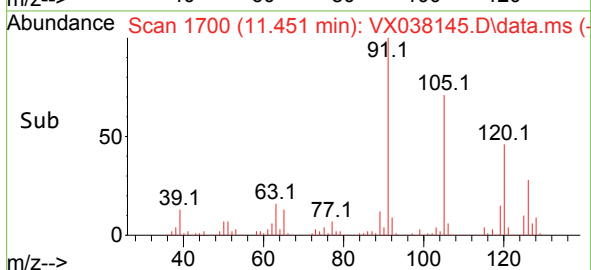
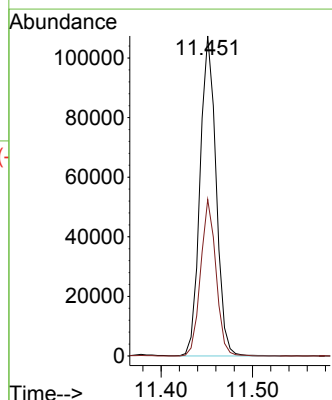
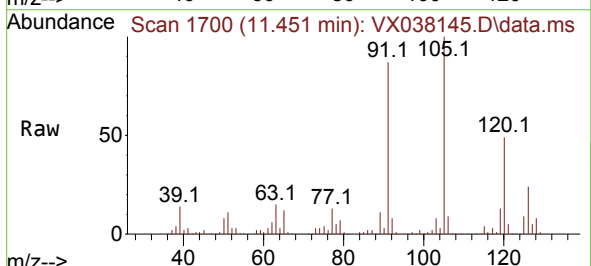
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

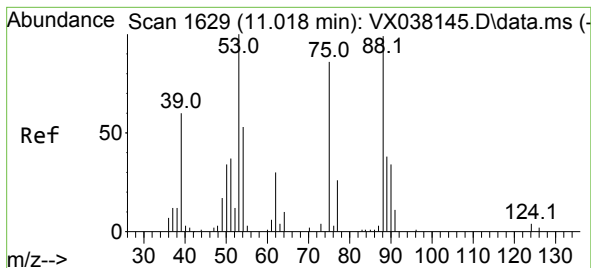
Tgt Ion: 91 Resp: 109306
Ion Ratio Lower Upper
91 100
126 32.7 0.0 66.2



#76
1,3,5-Trimethylbenzene
Concen: 19.418 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion: 105 Resp: 130838
Ion Ratio Lower Upper
105 100
120 46.7 0.0 96.4

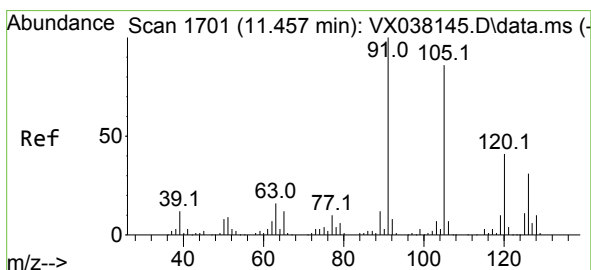
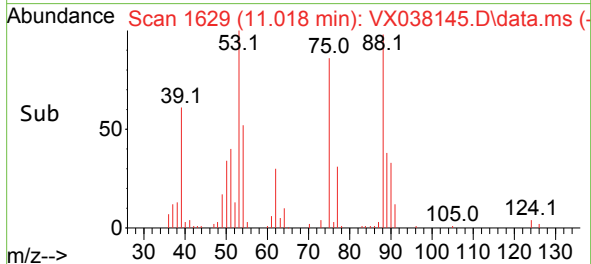
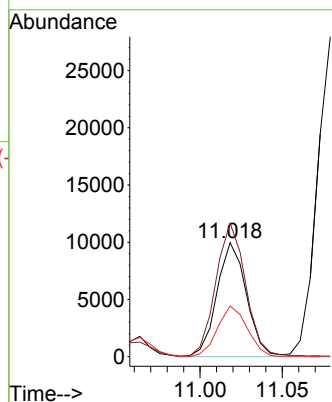
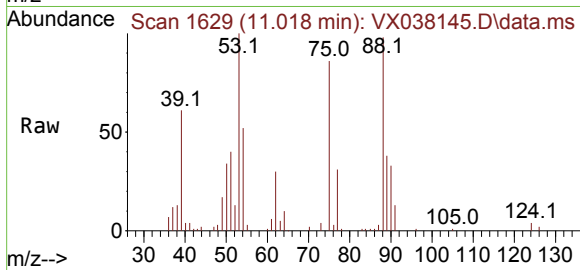




#77
 t-1,4-Dichloro-2-butene
 Concen: 17.688 ug/l
 RT: 11.018 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: VX038145.D
 Acq: 06 Oct 2023 22:43

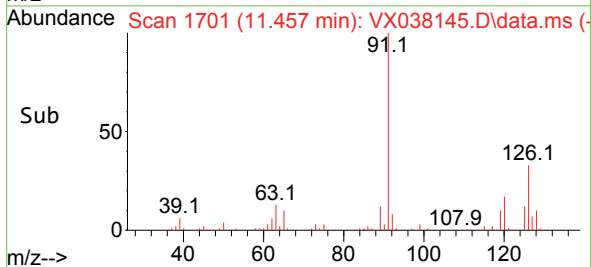
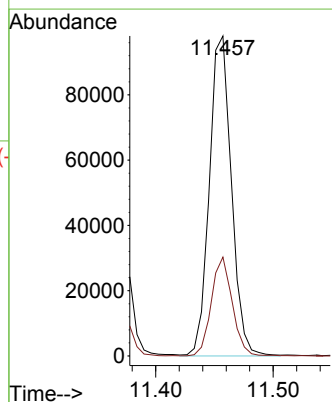
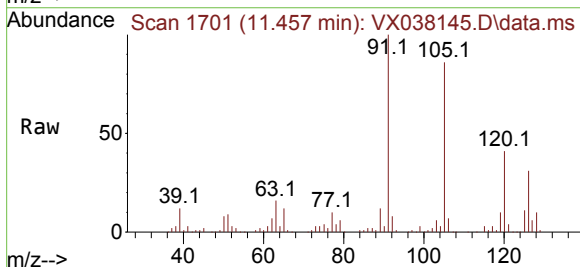
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

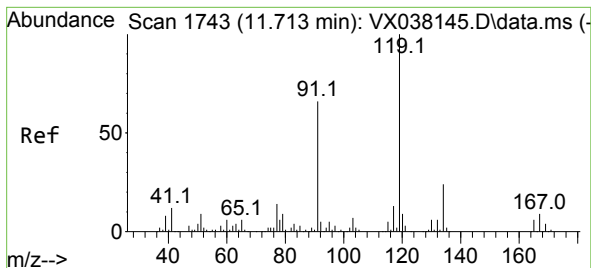
Tgt Ion: 75 Resp: 12445
 Ion Ratio Lower Upper
 75 100
 53 116.2 53.9 161.7
 89 44.5 22.1 66.1



#78
 4-Chlorotoluene
 Concen: 19.545 ug/l
 RT: 11.457 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VX038145.D
 Acq: 06 Oct 2023 22:43

Tgt Ion: 91 Resp: 127969
 Ion Ratio Lower Upper
 91 100
 126 29.2 0.0 59.4





#79

tert-butylbenzene

Concen: 19.086 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

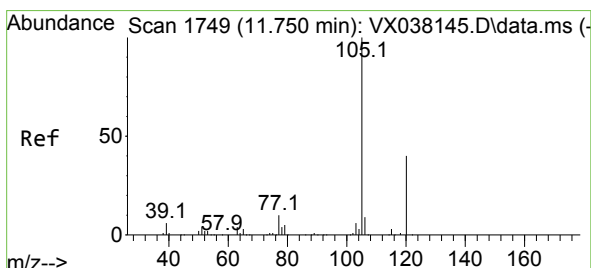
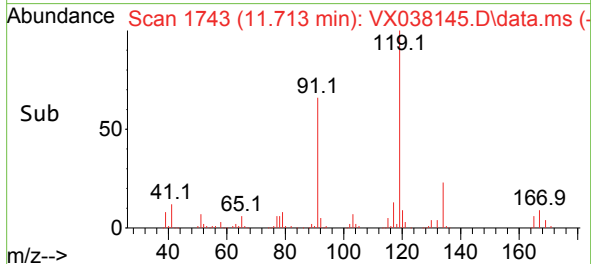
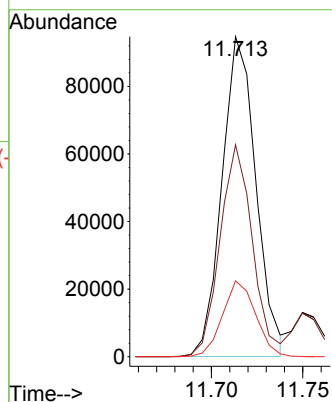
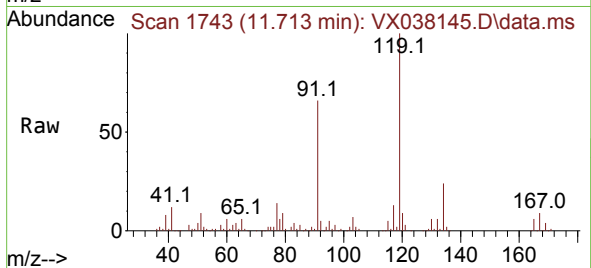
Tgt Ion:119 Resp: 122164

Ion Ratio Lower Upper

119 100

91 63.4 0.0 124.4

134 23.2 0.0 47.2



#80

1,2,4-Trimethylbenzene

Concen: 19.890 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038145.D

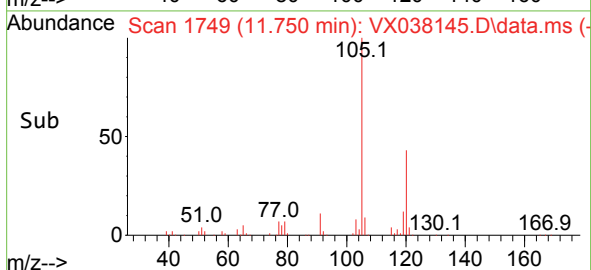
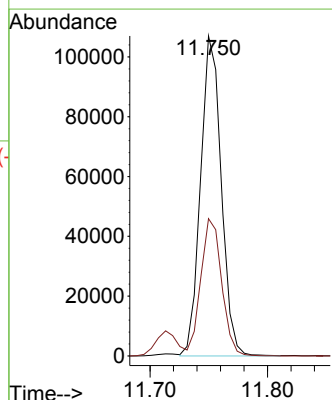
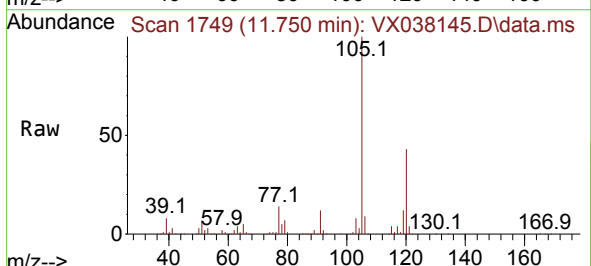
Acq: 06 Oct 2023 22:43

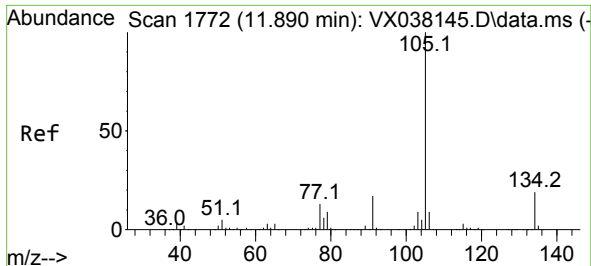
Tgt Ion:105 Resp: 130855

Ion Ratio Lower Upper

105 100

120 43.3 0.0 90.2

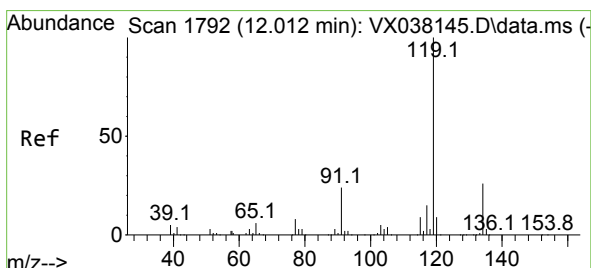
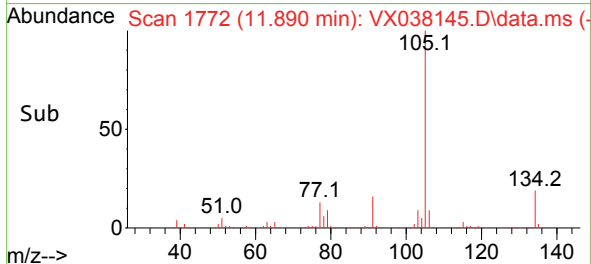
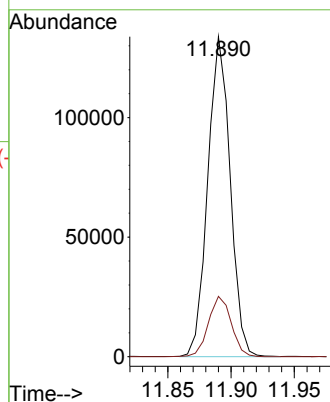
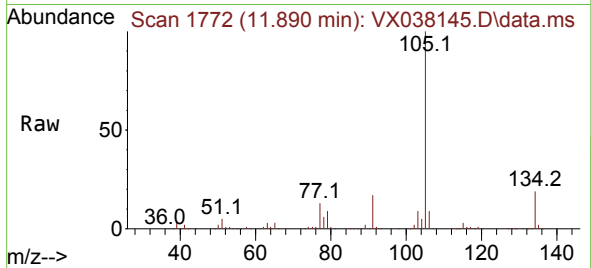




#81
 sec-Butylbenzene
 Concen: 19.688 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038145.D
 Acq: 06 Oct 2023 22:43

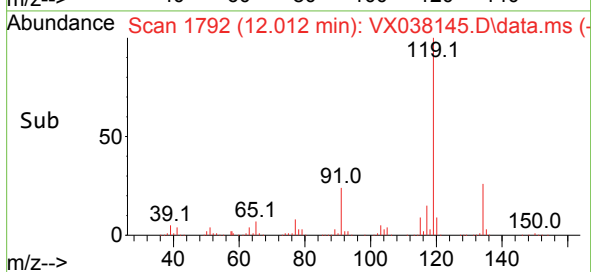
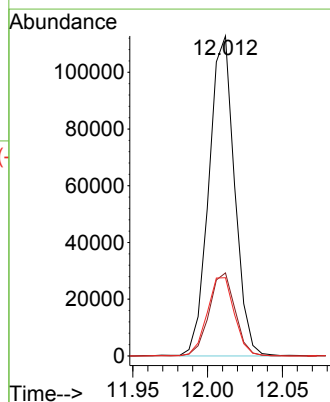
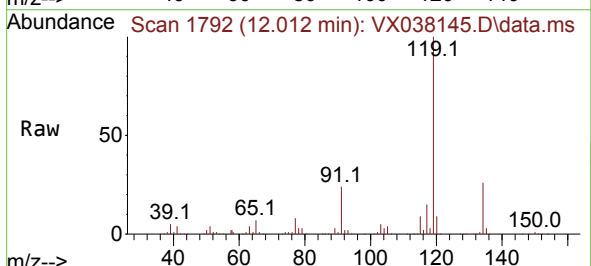
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

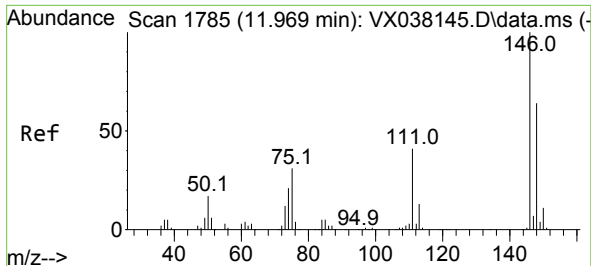
Tgt Ion:105 Resp: 164861
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 19.455 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX038145.D
 Acq: 06 Oct 2023 22:43

Tgt Ion:119 Resp: 134675
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 53.2
 91 26.1 0.0 49.4

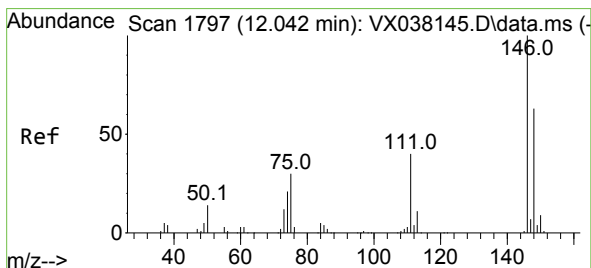
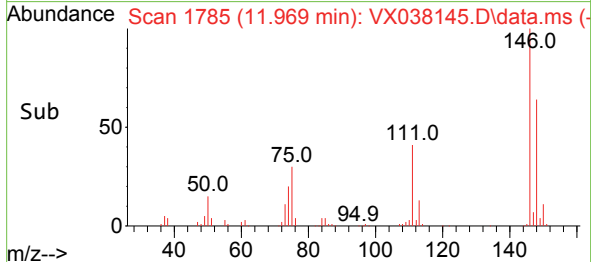
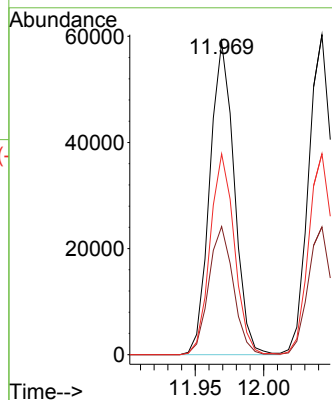
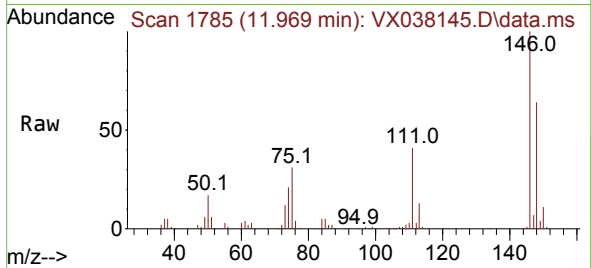




#83
1,3-Dichlorobenzene
Concen: 19.650 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

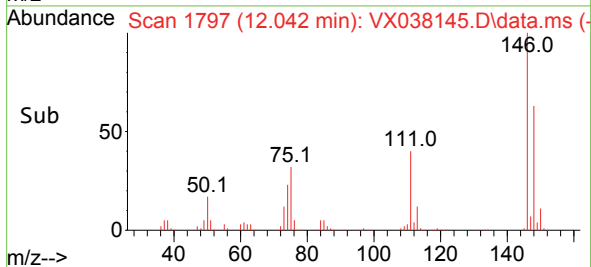
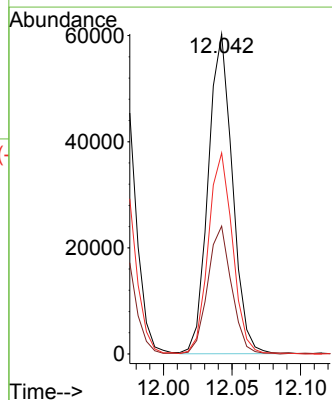
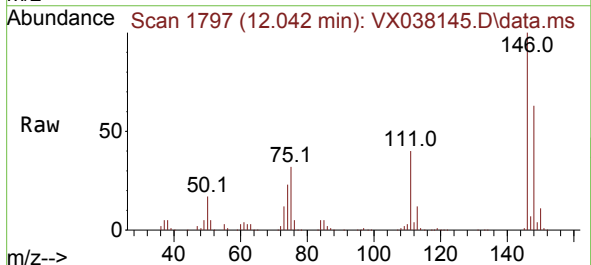
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

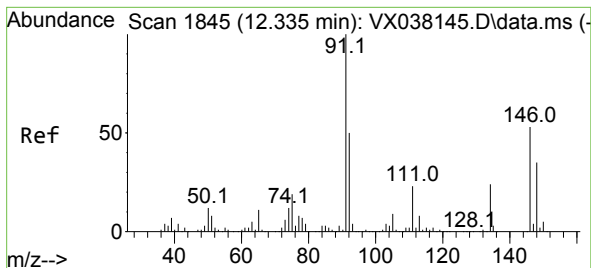
Tgt Ion:146 Resp: 73171
Ion Ratio Lower Upper
146 100
111 41.2 20.4 61.2
148 63.8 31.6 94.8



#84
1,4-Dichlorobenzene
Concen: 19.570 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion:146 Resp: 74200
Ion Ratio Lower Upper
146 100
111 39.5 20.2 60.6
148 62.4 32.1 96.3





#85

n-Butylbenzene

Concen: 19.436 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

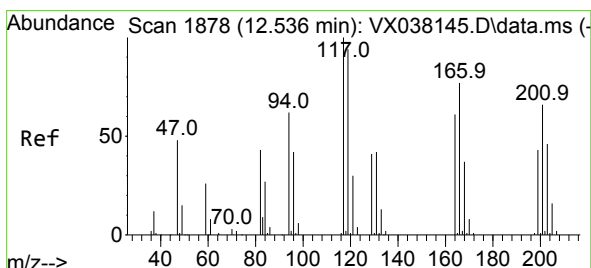
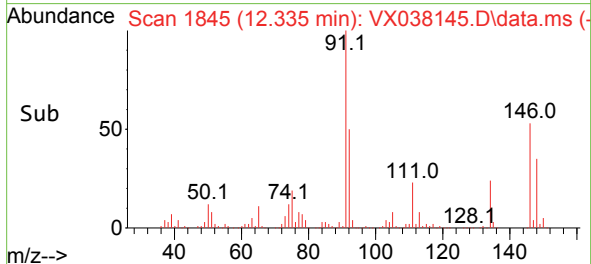
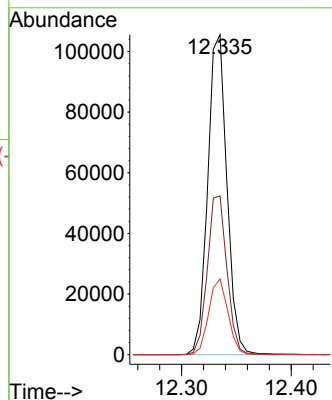
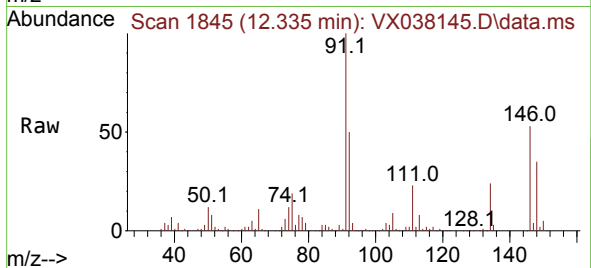
Tgt Ion: 91 Resp: 128376

Ion Ratio Lower Upper

91 100

92 50.7 0.0 105.2

134 23.7 0.0 51.4



#86

Hexachloroethane

Concen: 17.808 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038145.D

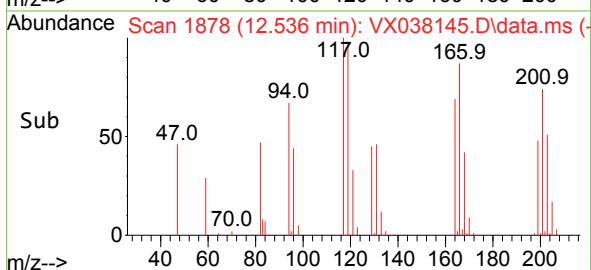
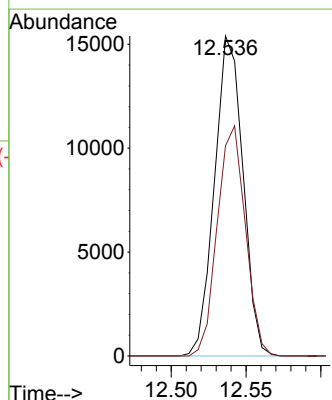
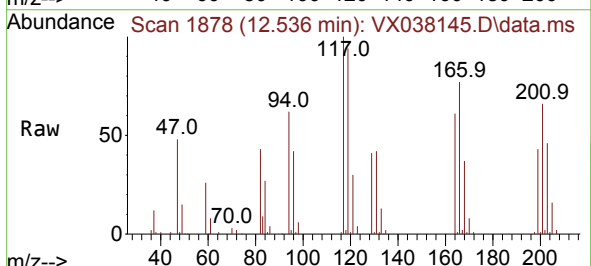
Acq: 06 Oct 2023 22:43

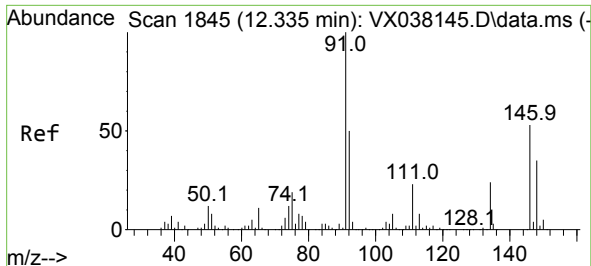
Tgt Ion: 117 Resp: 20378

Ion Ratio Lower Upper

117 100

201 71.0 36.0 108.0

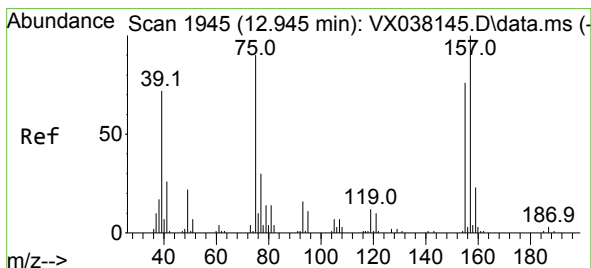
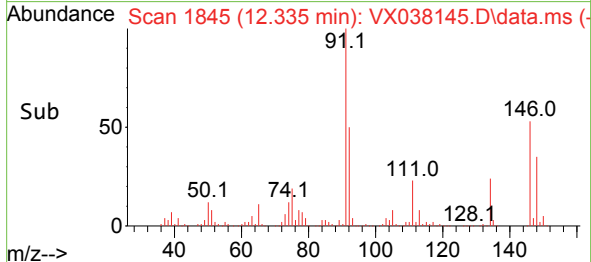
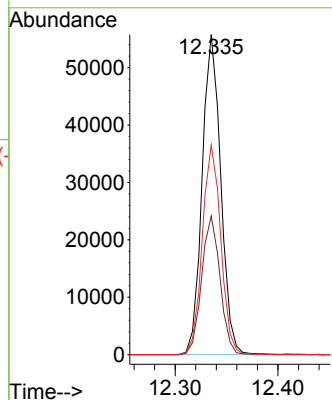
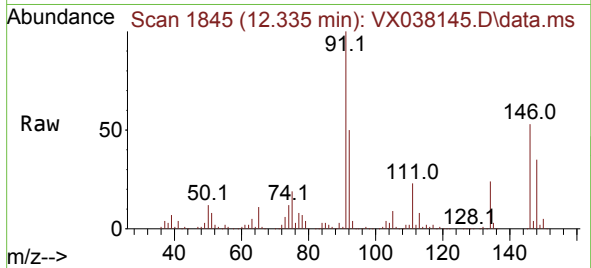




#87
 1,2-Dichlorobenzene
 Concen: 19.411 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX038145.D
 Acq: 06 Oct 2023 22:43

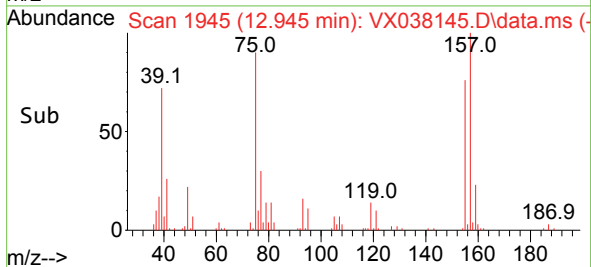
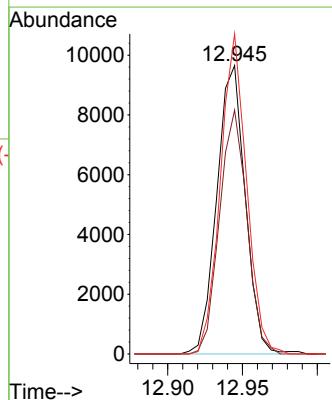
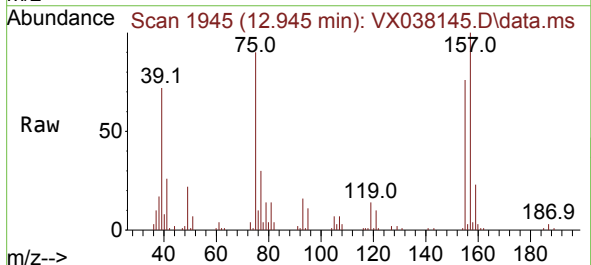
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

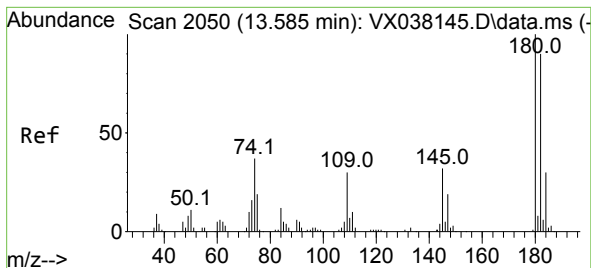
Tgt Ion:146 Resp: 70061
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.4 64.3
 148 65.3 33.2 99.6



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.387 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.000 min
 Lab File: VX038145.D
 Acq: 06 Oct 2023 22:43

Tgt Ion: 75 Resp: 12760
 Ion Ratio Lower Upper
 75 100
 155 81.3 62.7 94.1
 157 102.2 81.5 122.3





#89

1,2,4-Trichlorobenzene

Concen: 19.544 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

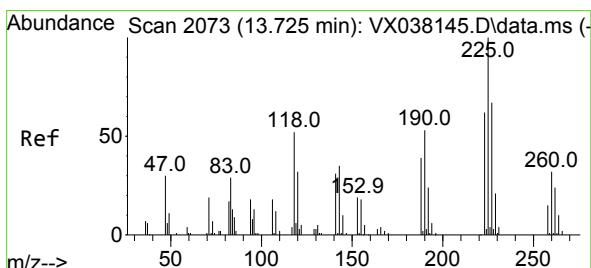
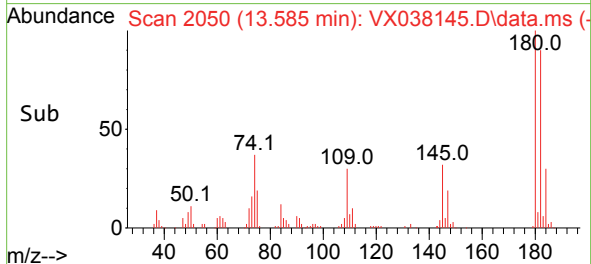
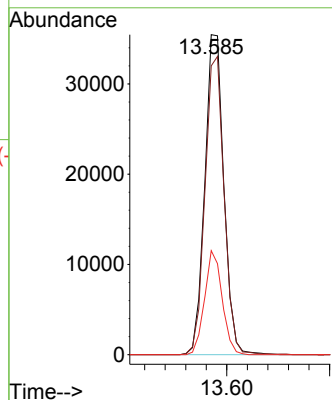
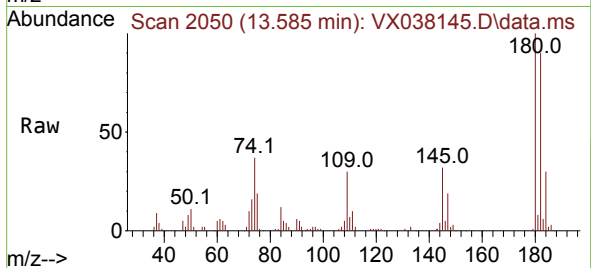
Tgt Ion:180 Resp: 45794

Ion Ratio Lower Upper

180 100

182 93.0 75.6 113.4

145 30.0 25.4 38.2



#90

Hexachlorobutadiene

Concen: 18.908 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038145.D

Acq: 06 Oct 2023 22:43

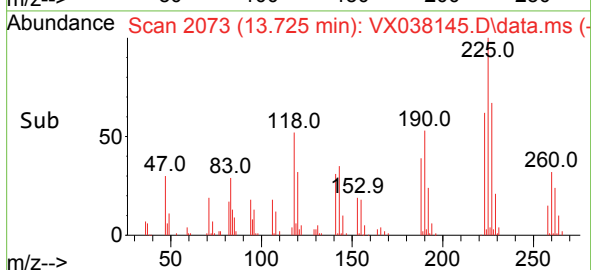
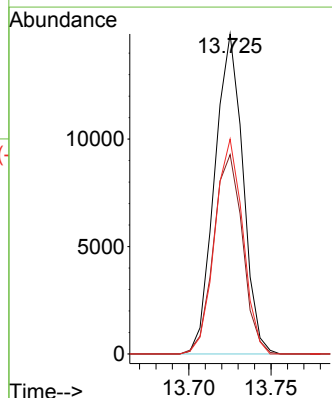
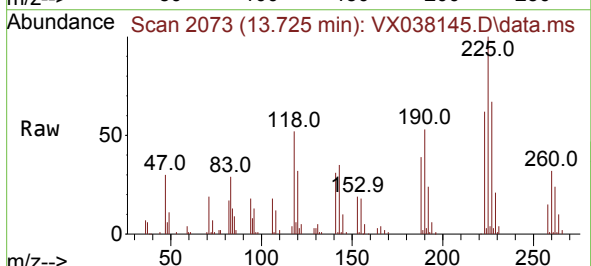
Tgt Ion:225 Resp: 17821

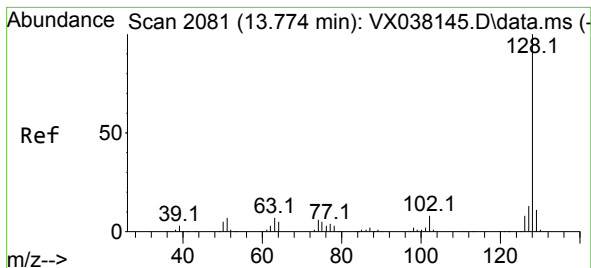
Ion Ratio Lower Upper

225 100

223 63.9 0.0 124.2

227 66.5 0.0 120.4

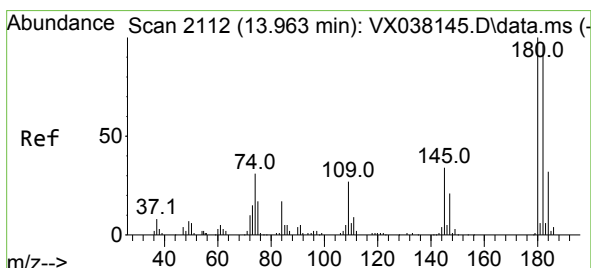
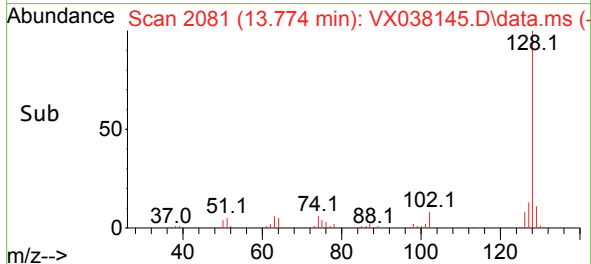
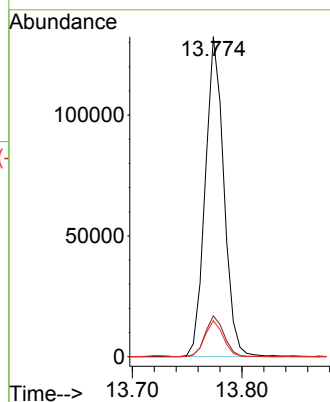
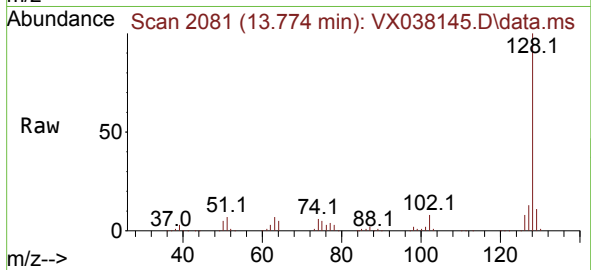




#91
Naphthalene
Concen: 19.439 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 155996
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 19.173 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038145.D
Acq: 06 Oct 2023 22:43

Tgt Ion:180 Resp: 43975
Ion Ratio Lower Upper
180 100
182 96.6 0.0 190.6
145 33.1 0.0 66.8

