

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038159.D
 Acq On : 09 Oct 2023 10:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 10 00:50:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	138061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	232497	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134311	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	115155	51.857	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.720%	
35) Dibromofluoromethane	5.379	113	90267	53.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.760%	
50) Toluene-d8	8.647	98	334709	52.284	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.560%	
62) 4-Bromofluorobenzene	11.079	95	133588	55.044	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.080%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.166	85	77456	58.122	ug/l 97
3) Chloromethane	1.294	50	70600	51.979	ug/l 99
4) Vinyl Chloride	1.374	62	77463	51.438	ug/l 96
5) Bromomethane	1.599	94	97444	49.255	ug/l 97
6) Chloroethane	1.685	64	57955	52.385	ug/l 97
7) Trichlorofluoromethane	1.886	101	150954	50.748	ug/l 100
8) Diethyl Ether	2.130	74	56203	50.662	ug/l 81
9) 1,1,2-Trichlorotrifluo...	2.325	101	74667	57.500	ug/l 100
10) Methyl Iodide	2.453	142	92232	49.364	ug/l 95
11) Tert butyl alcohol	2.953	59	123251	251.500	ug/l # 91
12) 1,1-Dichloroethene	2.319	96	68145	53.949	ug/l 93
13) Acrolein	2.233	56	88383	279.972	ug/l 98
14) Allyl chloride	2.660	41	123241	54.547	ug/l 95
15) Acrylonitrile	3.056	53	274896	272.024	ug/l 99
16) Acetone	2.373	43	240930	259.966	ug/l 94
17) Carbon Disulfide	2.508	76	186714	51.287	ug/l 99
18) Methyl Acetate	2.697	43	220516	55.485	ug/l 94
19) Methyl tert-butyl Ether	3.111	73	281022	55.861	ug/l 99
20) Methylene Chloride	2.788	84	87662	50.287	ug/l 92
21) trans-1,2-Dichloroethene	3.093	96	81912	52.374	ug/l 88
22) Diisopropyl ether	3.757	45	261009	55.121	ug/l # 88
23) Vinyl Acetate	3.715	43	1003342	288.935	ug/l 96
24) 1,1-Dichloroethane	3.605	63	152513	53.072	ug/l 99
25) 2-Butanone	4.544	43	400577	267.886	ug/l 95
26) 2,2-Dichloropropane	4.471	77	131073	58.420	ug/l 97
27) cis-1,2-Dichloroethene	4.489	96	100204	53.797	ug/l 92
28) Bromochloromethane	4.891	49	72551	55.926	ug/l 89
29) Tetrahydrofuran	4.995	42	259917	266.978	ug/l 89
30) Chloroform	5.086	83	172432	54.871	ug/l 98
31) Cyclohexane	5.464	56	128864	53.562	ug/l 93
32) 1,1,1-Trichloroethane	5.379	97	148811	55.287	ug/l 99
36) 1,1-Dichloropropene	5.690	75	122602	53.070	ug/l 98
37) Ethyl Acetate	4.708	43	151243	55.124	ug/l 96
38) Carbon Tetrachloride	5.672	117	128950	56.740	ug/l 100
39) Methylcyclohexane	7.379	83	151884	56.129	ug/l 94
40) Benzene	6.031	78	357553	55.336	ug/l 99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	77423	56.725	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	141966	54.992	ug/l	99
43) Isopropyl Acetate	6.330	43	235413	57.476	ug/l	96
44) Trichloroethene	7.123	130	95511	56.515	ug/l	96
45) 1,2-Dichloropropane	7.427	63	93627	55.985	ug/l	99
46) Dibromomethane	7.580	93	72470	55.872	ug/l	97
47) Bromodichloromethane	7.818	83	135887	58.892	ug/l	96
48) Methyl methacrylate	7.690	41	112398	57.484	ug/l #	86
49) 1,4-Dioxane	7.653	88	49204	1021.198	ug/l #	90
51) 4-Methyl-2-Pentanone	8.567	43	810026	286.720	ug/l	97
52) Toluene	8.714	92	238328	56.623	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	153941	62.154	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	156519	60.149	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	103294	57.375	ug/l	94
56) Ethyl methacrylate	9.116	69	163276	59.151	ug/l	93
57) 1,3-Dichloropropane	9.305	76	167679	57.586	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	383091	282.740	ug/l	99
59) 2-Hexanone	9.427	43	661876	291.421	ug/l	95
60) Dibromochloromethane	9.518	129	109603	62.204	ug/l	99
61) 1,2-Dibromoethane	9.610	107	114193	58.654	ug/l	99
64) Tetrachloroethene	9.275	164	80443	53.896	ug/l	97
65) Chlorobenzene	10.079	112	262920	54.497	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	97066	59.498	ug/l	100
67) Ethyl Benzene	10.195	91	476803	55.367	ug/l	100
68) m/p-Xylenes	10.299	106	372238	111.788	ug/l	99
69) o-Xylene	10.640	106	179359	55.189	ug/l	98
70) Styrene	10.652	104	308417	58.274	ug/l	97
71) Bromoform	10.799	173	84627	55.578	ug/l #	99
73) Isopropylbenzene	10.963	105	480889	53.389	ug/l	100
74) N-amyl acetate	10.841	43	218302	56.754	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	181993	55.063	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	204974	67.130	ug/l	89
77) Bromobenzene	11.195	156	116226	52.853	ug/l	94
78) n-propylbenzene	11.305	91	591392	53.696	ug/l	99
79) 2-Chlorotoluene	11.366	91	342059	52.369	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	425914	54.809	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	56083	53.339	ug/l	91
82) 4-Chlorotoluene	11.451	91	410252	53.079	ug/l	97
83) tert-Butylbenzene	11.713	119	411612	54.208	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	429216	55.397	ug/l	99
85) sec-Butylbenzene	11.890	105	543138	55.219	ug/l	100
86) p-Isopropyltoluene	12.006	119	454145	55.962	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	232611	52.664	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	241744	53.610	ug/l	99
89) n-Butylbenzene	12.329	91	444390	54.984	ug/l	97
90) Hexachloroethane	12.536	117	79017	58.726	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	227813	53.658	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44322	55.463	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	148163	52.030	ug/l	97
94) Hexachlorobutadiene	13.725	225	62102	54.184	ug/l	99
95) Naphthalene	13.774	128	522156	52.654	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	145367	52.721	ug/l	98

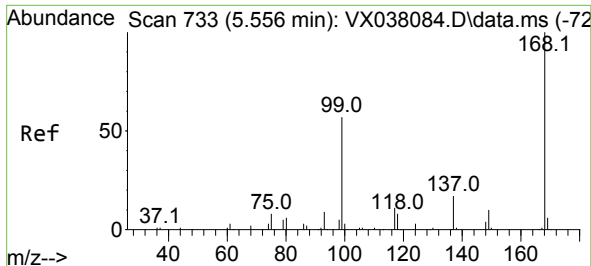
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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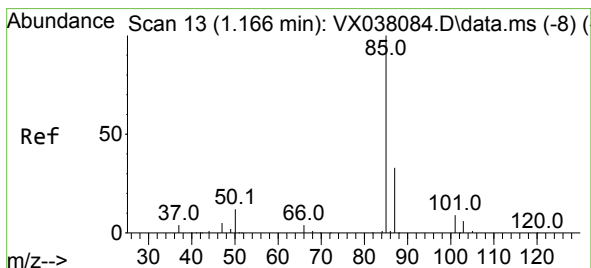
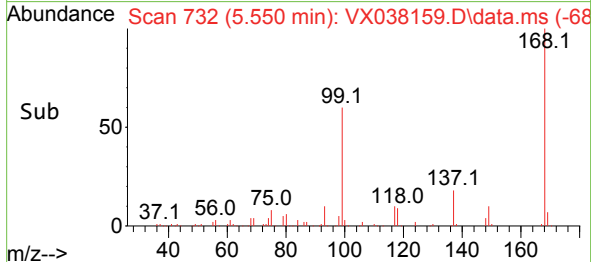
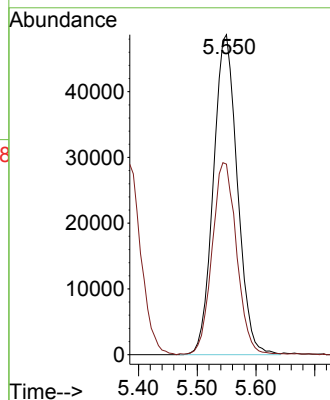
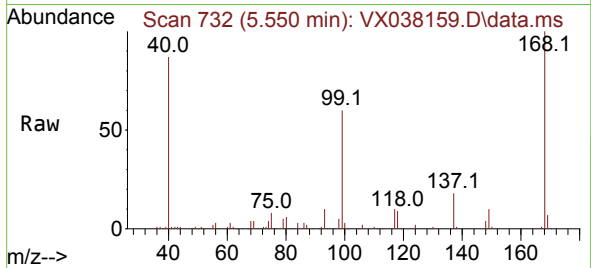
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038159.D
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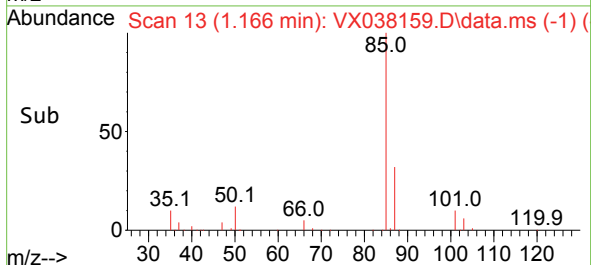
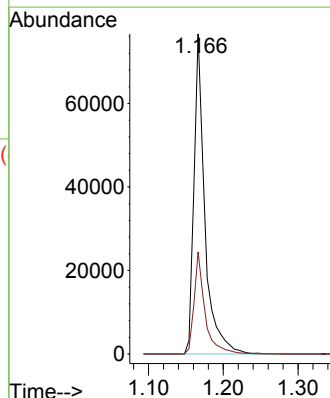
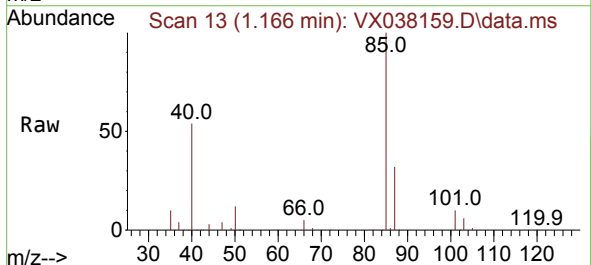
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MSVOA_X
ClientSampleId :
VSTDCCC050

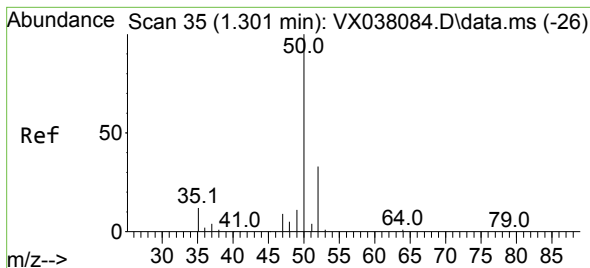
Tgt Ion:168 Resp: 138061
Ion Ratio Lower Upper
168 100
99 59.3 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 58.122 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

Tgt Ion: 85 Resp: 77456
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





#3

Chloromethane

Concen: 51.979 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.007 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

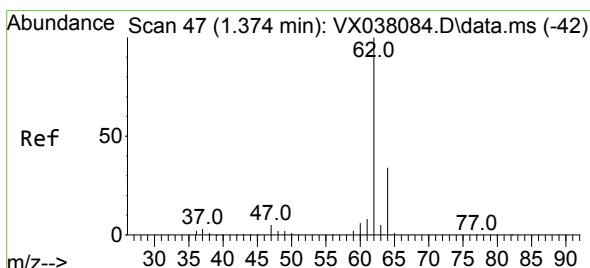
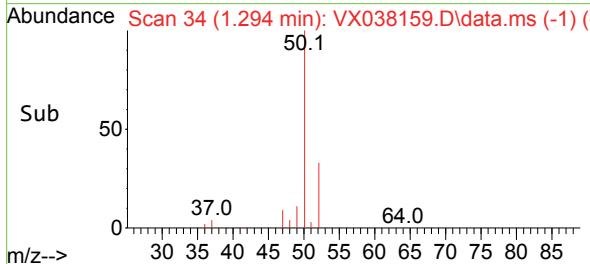
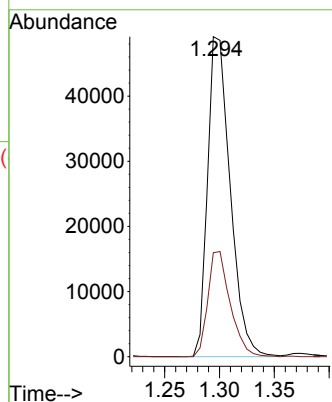
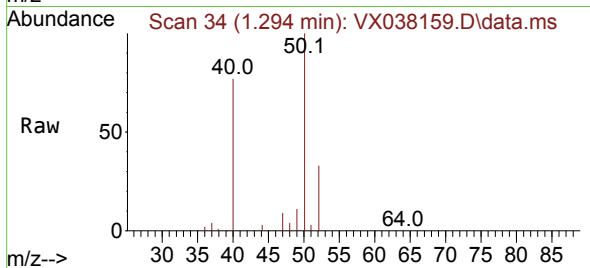
VSTDCCC050

Tgt Ion: 50 Resp: 70600

Ion Ratio Lower Upper

50 100

52 32.5 25.5 38.3



#4

Vinyl Chloride

Concen: 51.438 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038159.D

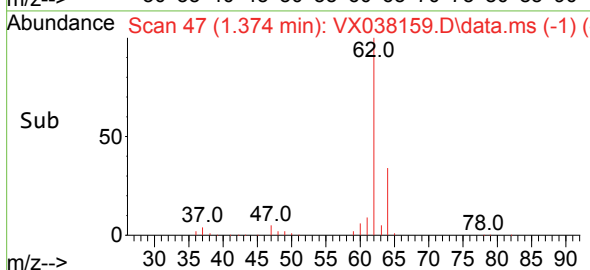
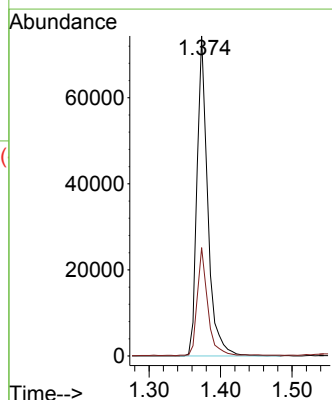
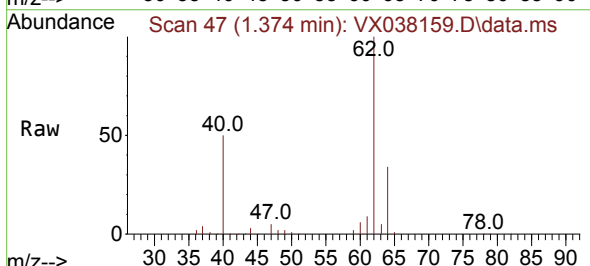
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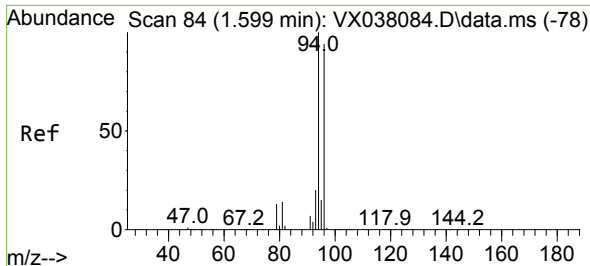
Tgt Ion: 62 Resp: 77463

Ion Ratio Lower Upper

62 100

64 33.6 25.4 38.0

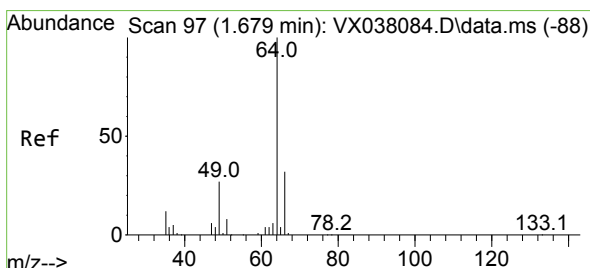
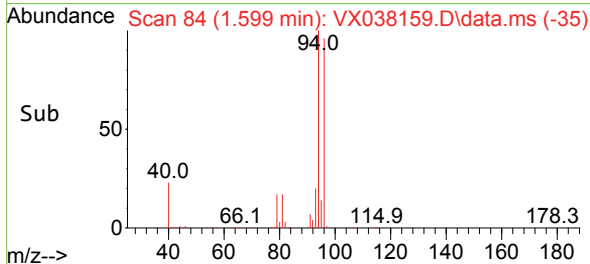
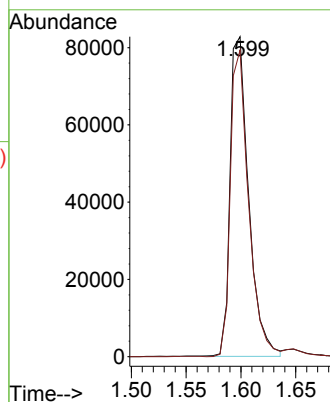
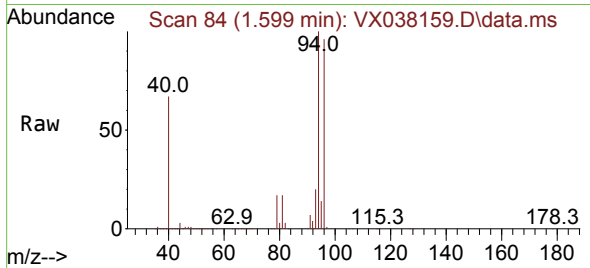




#5
 Bromomethane
 Concen: 49.255 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX038159.D
 Acq: 09 Oct 2023 10:12

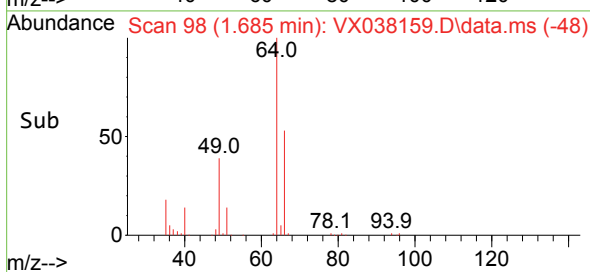
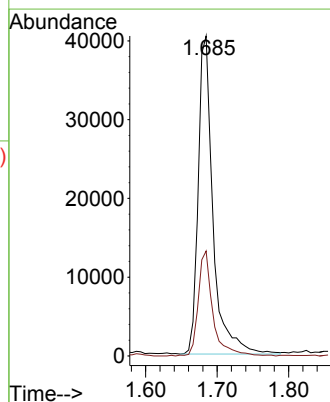
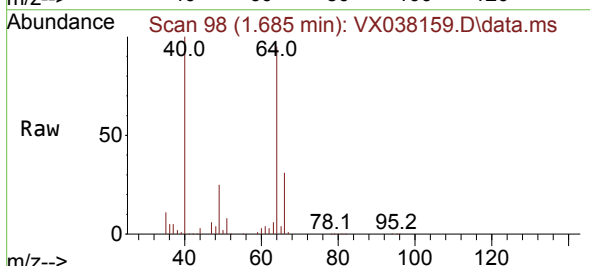
Instrument :
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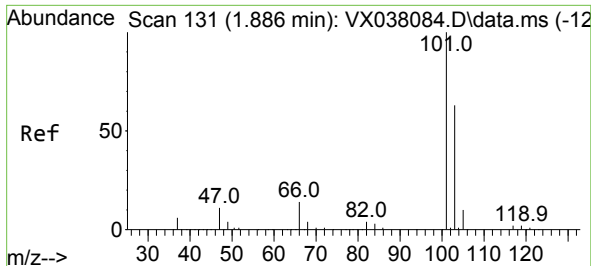
Tgt Ion: 94 Resp: 97444
 Ion Ratio Lower Upper
 94 100
 96 95.8 74.6 111.8



#6
 Chloroethane
 Concen: 52.385 ug/l
 RT: 1.685 min Scan# 98
 Delta R.T. 0.006 min
 Lab File: VX038159.D
 Acq: 09 Oct 2023 10:12

Tgt Ion: 64 Resp: 57955
 Ion Ratio Lower Upper
 64 100
 66 32.8 25.1 37.7

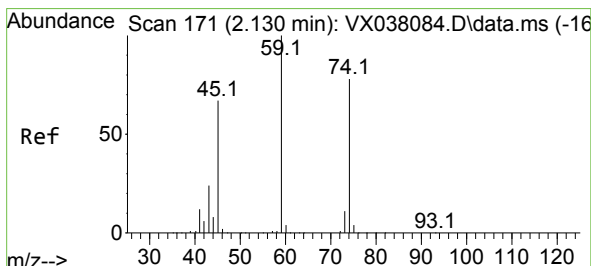
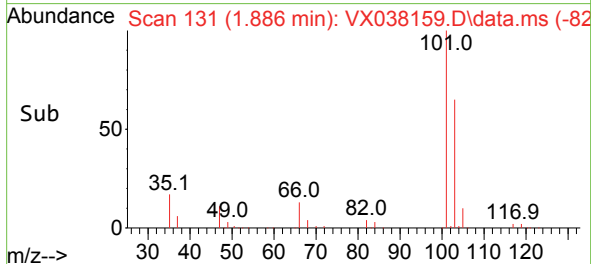
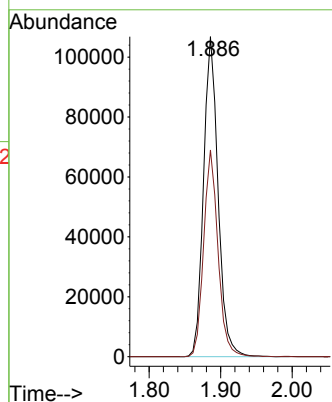
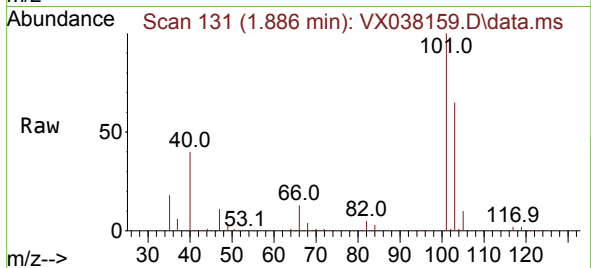




#7
 Trichlorofluoromethane
 Concen: 50.748 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
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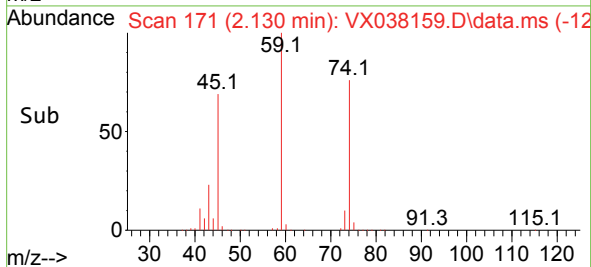
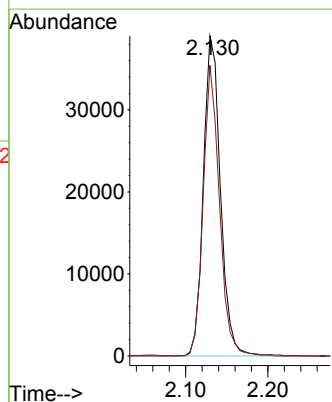
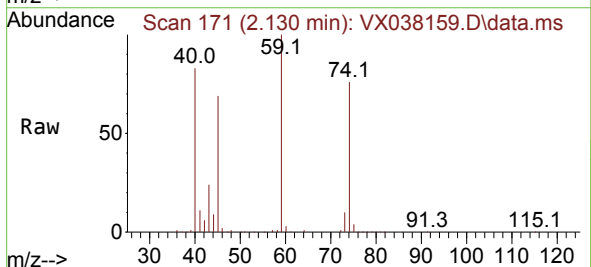
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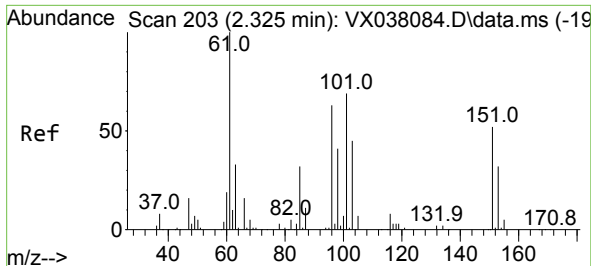
Tgt Ion:101 Resp: 150954
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.2



#8
 Diethyl Ether
 Concen: 50.662 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX038159.D
 Acq: 09 Oct 2023 10:12

Tgt Ion: 74 Resp: 56203
 Ion Ratio Lower Upper
 74 100
 45 87.3 53.3 159.8

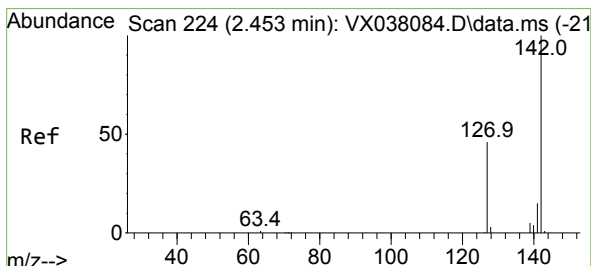
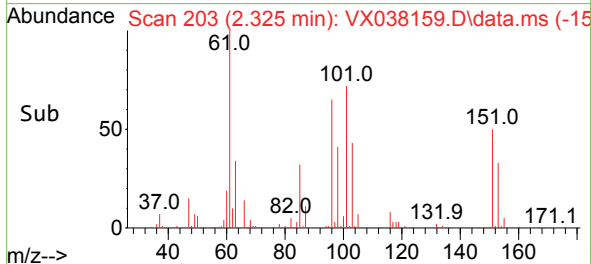
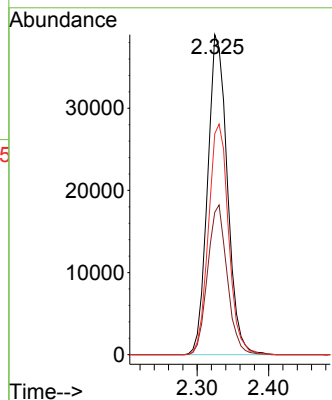
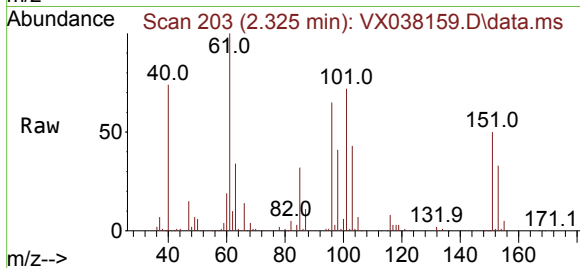




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.500 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
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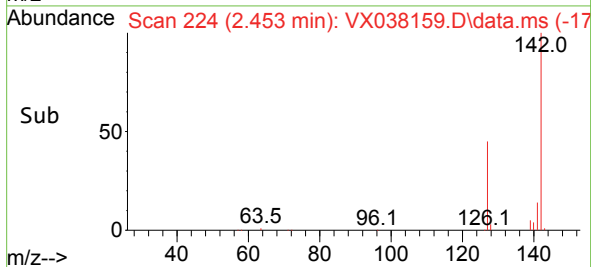
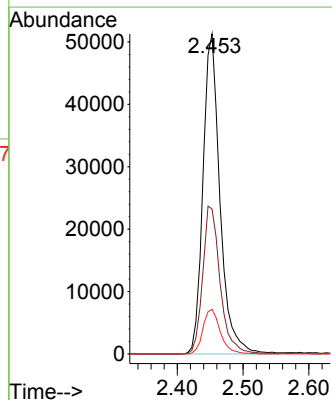
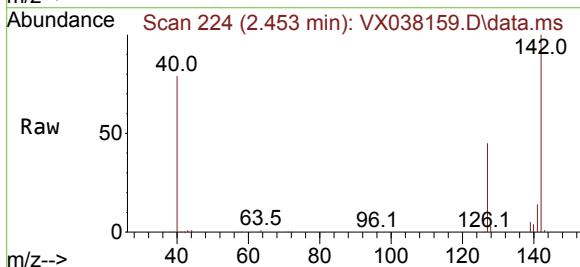
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VSTDCCC050

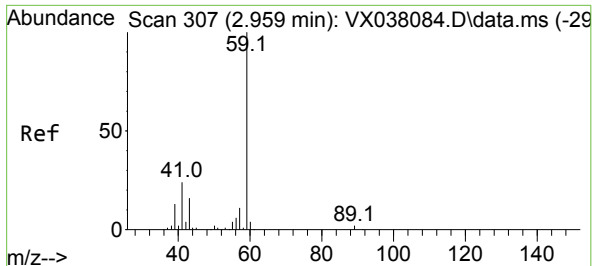
Tgt Ion:101 Resp: 74667
Ion Ratio Lower Upper
101 100
85 46.5 37.0 55.6
151 73.4 58.6 87.8



#10
Methyl Iodide
Concen: 49.364 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

Tgt Ion:142 Resp: 92232
Ion Ratio Lower Upper
142 100
127 47.5 41.6 62.4
141 14.2 11.6 17.4

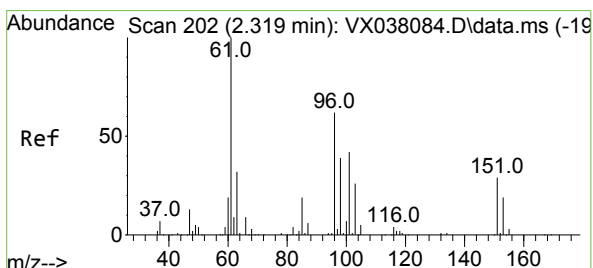
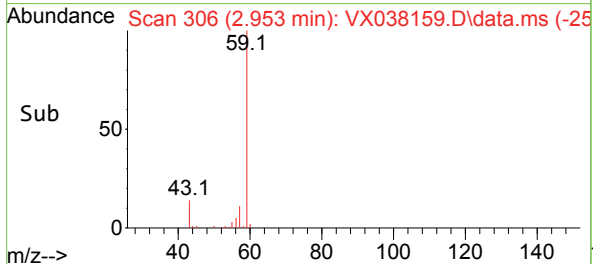
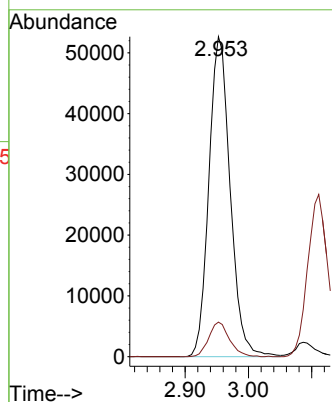
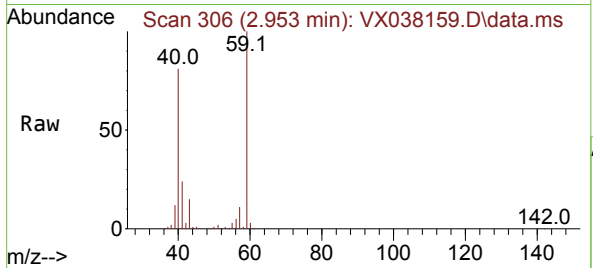




#11
Tert butyl alcohol
Concen: 251.500 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

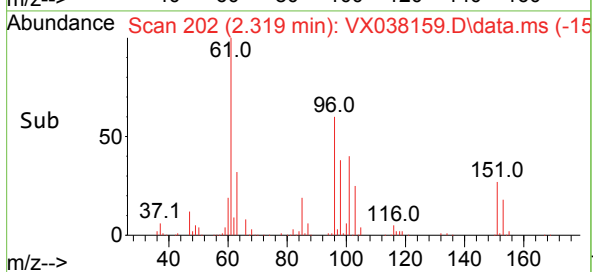
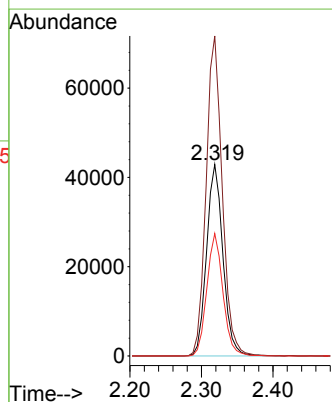
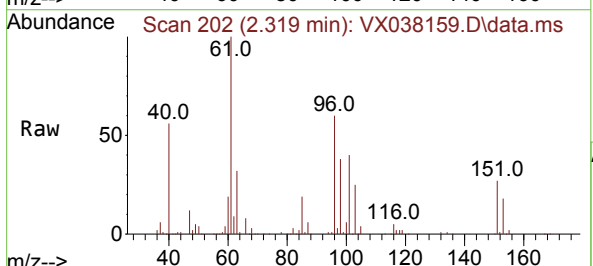
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

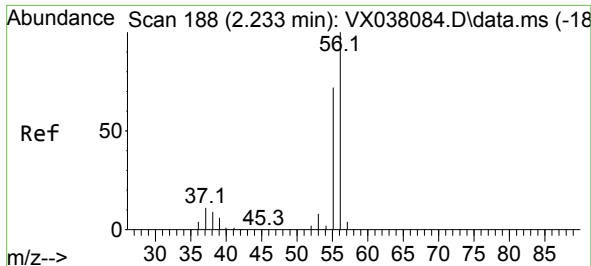
Tgt Ion: 59 Resp: 123251
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 53.949 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

Tgt Ion: 96 Resp: 68145
Ion Ratio Lower Upper
96 100
61 167.1 144.6 216.8
98 63.9 50.4 75.6

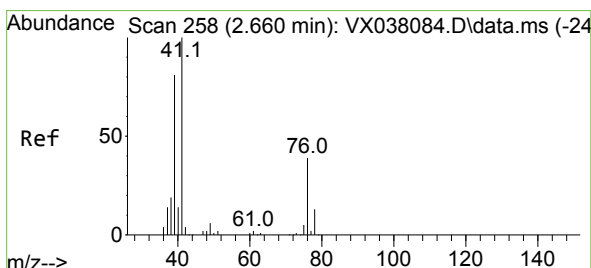
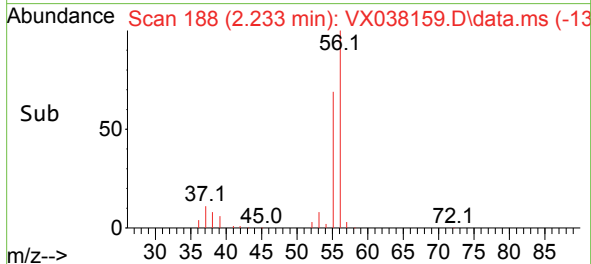
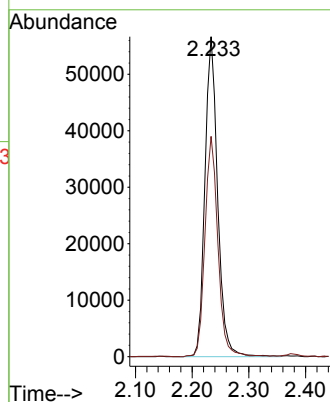
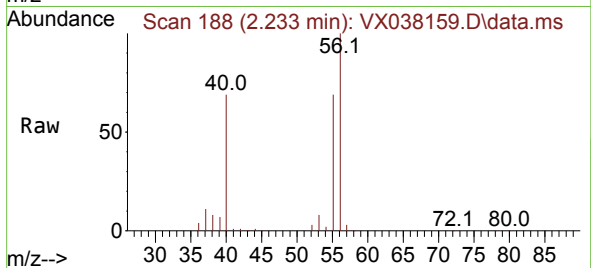




#13
Acrolein
Concen: 279.972 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

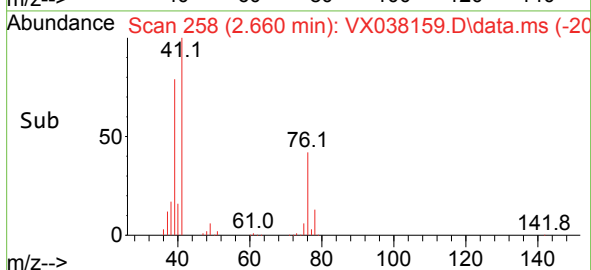
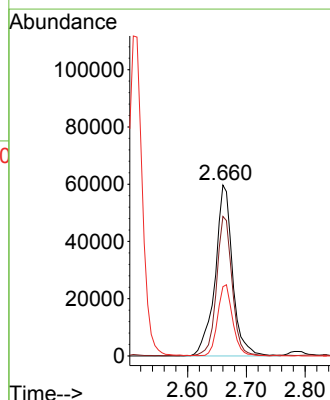
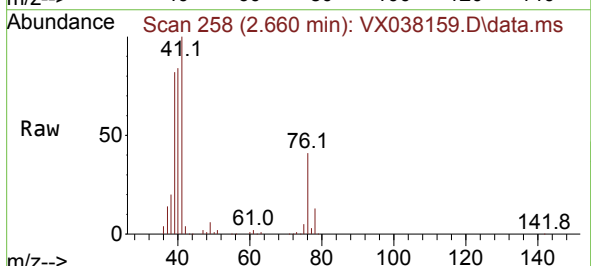
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

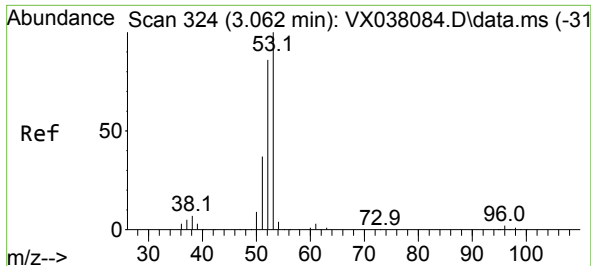
Tgt Ion: 56 Resp: 88383
Ion Ratio Lower Upper
56 100
55 69.8 57.1 85.7



#14
Allyl chloride
Concen: 54.547 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

Tgt Ion: 41 Resp: 123241
Ion Ratio Lower Upper
41 100
39 72.4 55.8 83.6
76 35.8 24.3 36.5

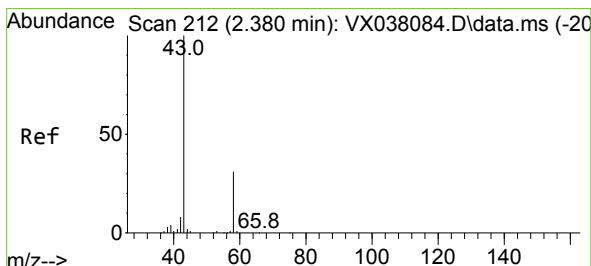
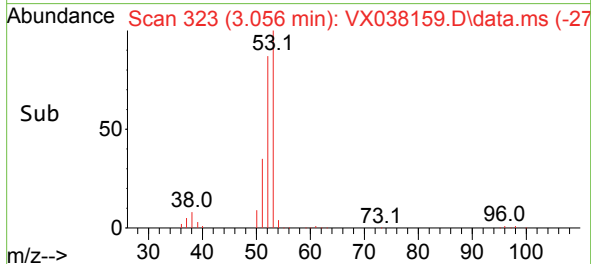
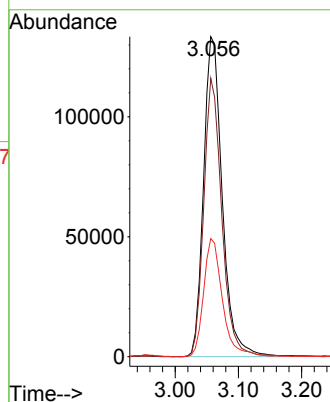
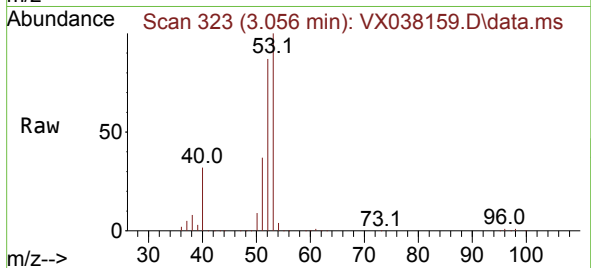




#15
Acrylonitrile
Concen: 272.024 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

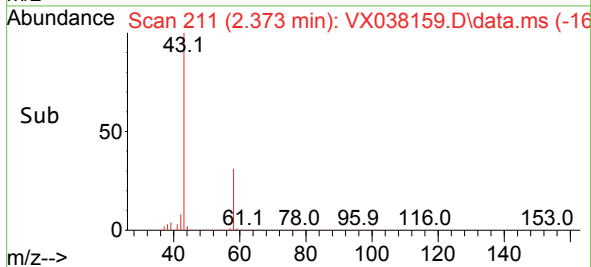
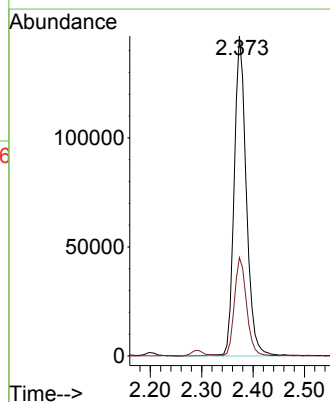
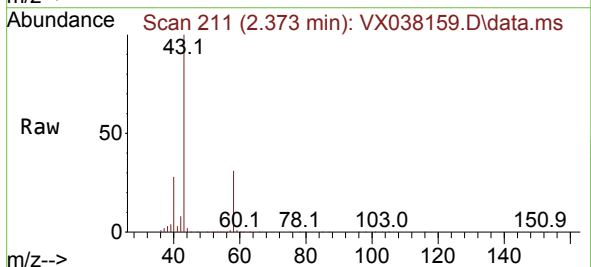
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

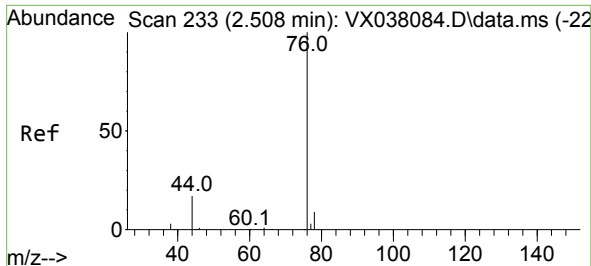
Tgt Ion: 53 Resp: 274896
Ion Ratio Lower Upper
53 100
52 84.3 66.0 99.0
51 37.2 29.8 44.6



#16
Acetone
Concen: 259.966 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

Tgt Ion: 43 Resp: 240930
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9

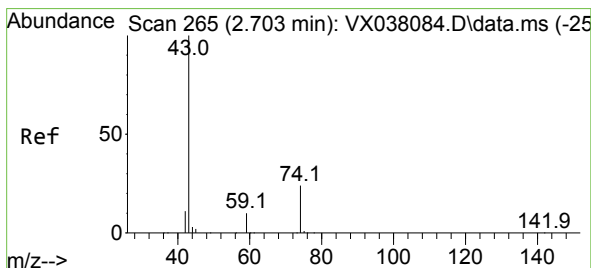
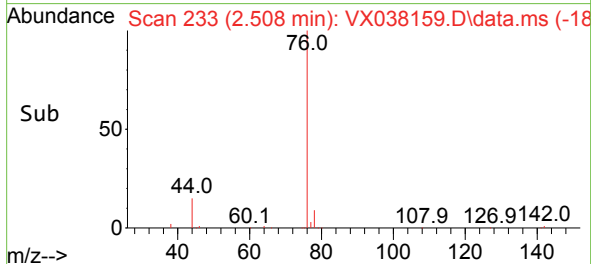
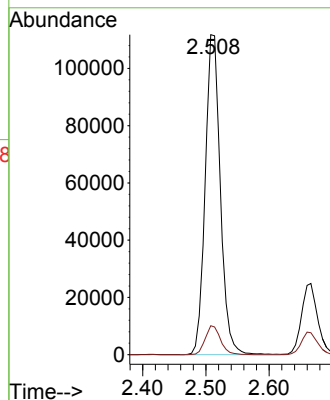
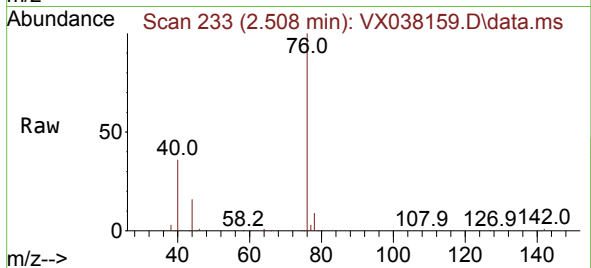




#17
Carbon Disulfide
Concen: 51.287 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

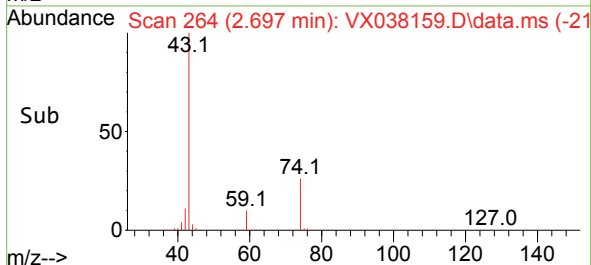
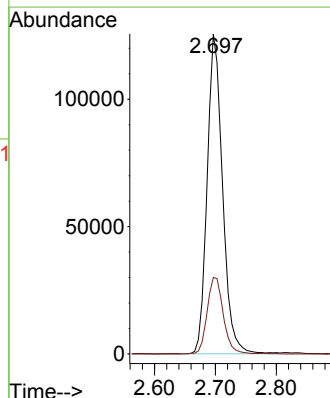
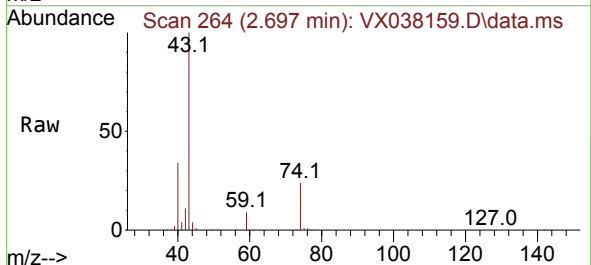
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

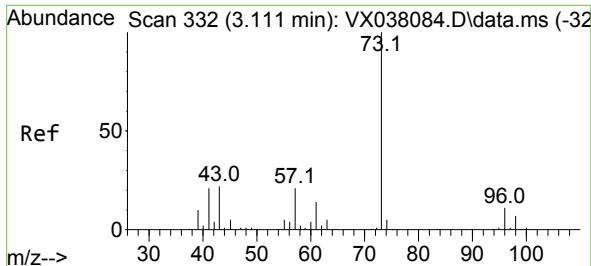
Tgt Ion: 76 Resp: 186714
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 55.485 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

Tgt Ion: 43 Resp: 220516
Ion Ratio Lower Upper
43 100
74 25.1 17.8 26.8

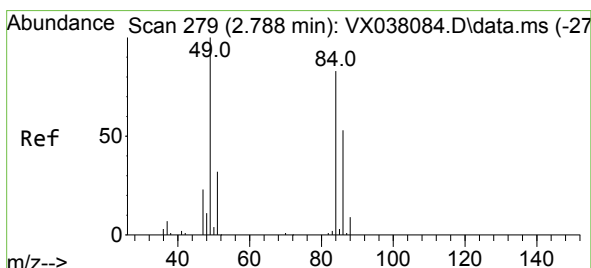
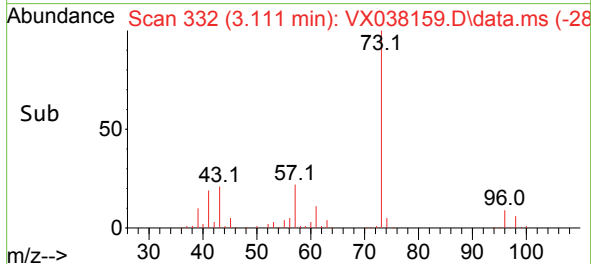
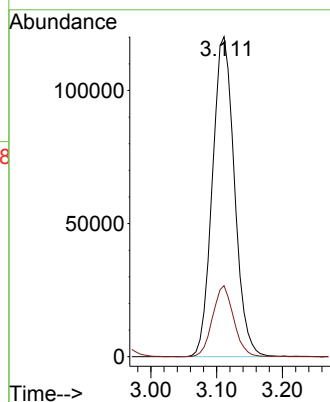
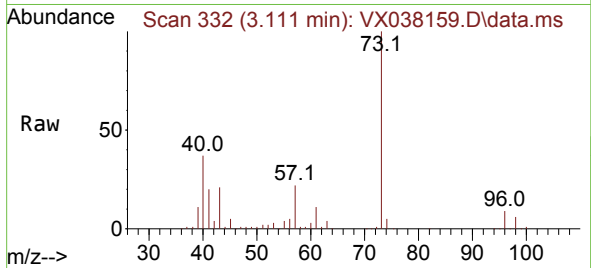




#19
Methyl tert-butyl Ether
Concen: 55.861 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

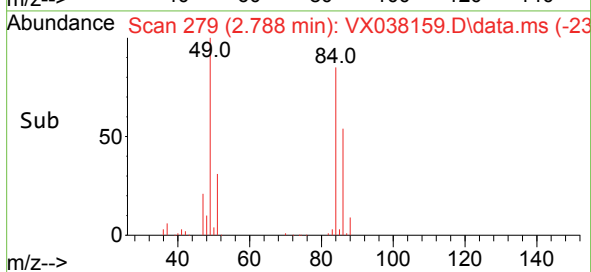
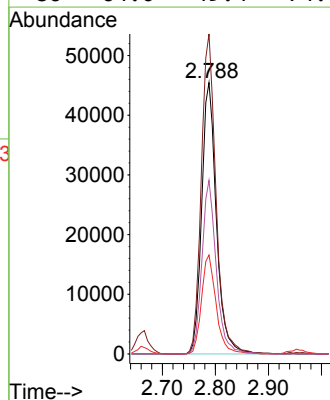
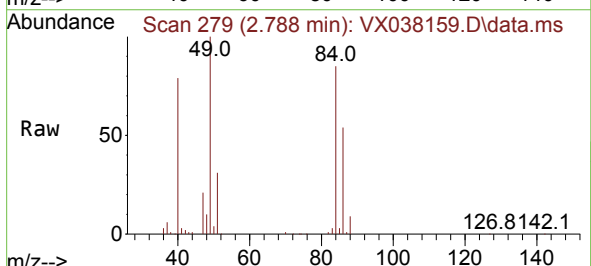
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

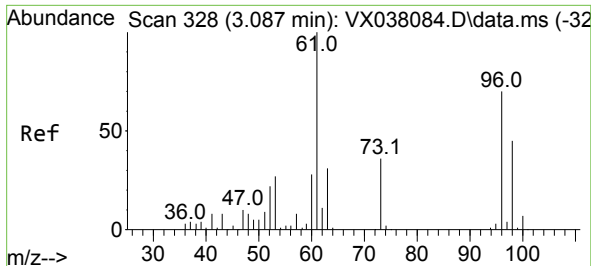
Tgt Ion: 73 Resp: 281022
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 50.287 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

Tgt Ion: 84 Resp: 87662
Ion Ratio Lower Upper
84 100
49 117.9 103.6 155.4
51 36.5 33.8 50.6
86 64.0 49.4 74.0

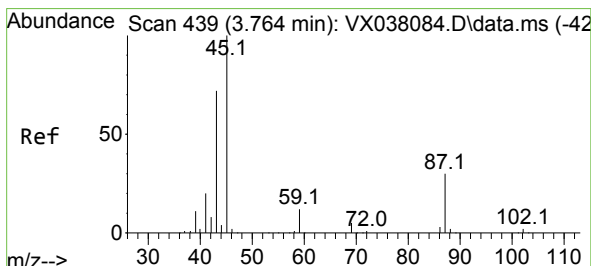
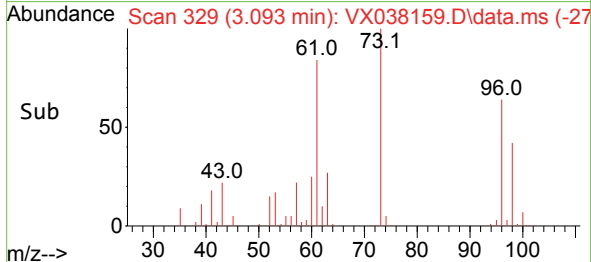
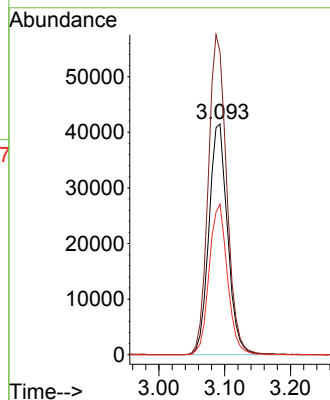
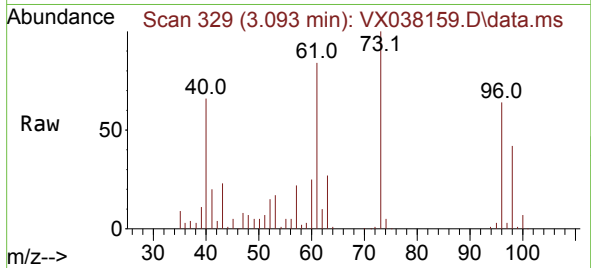




#21
trans-1,2-Dichloroethene
Concen: 52.374 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

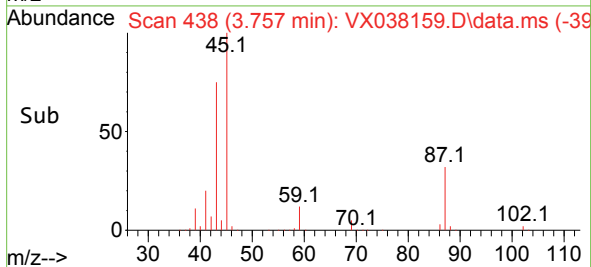
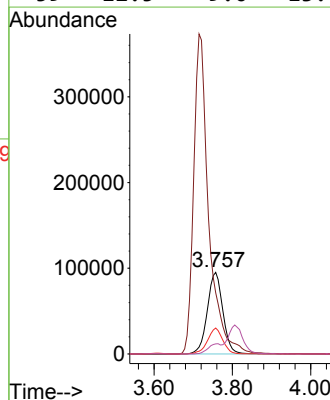
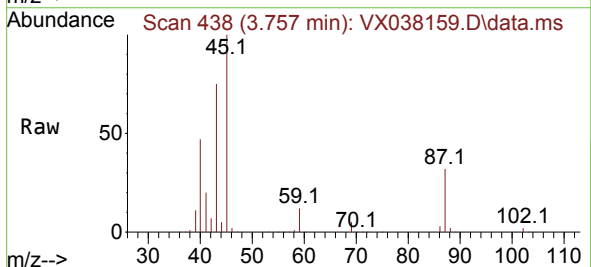
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

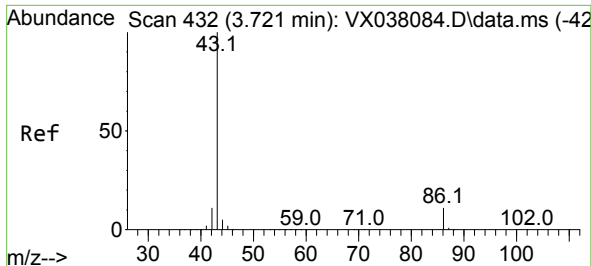
Tgt Ion: 96 Resp: 81912
Ion Ratio Lower Upper
96 100
61 130.9 119.2 178.8
98 65.2 48.7 73.1



#22
Diisopropyl ether
Concen: 55.121 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

Tgt Ion: 45 Resp: 261009
Ion Ratio Lower Upper
45 100
43 74.7 69.7 104.5
87 31.7 20.8 31.2#
59 12.5 9.0 13.4

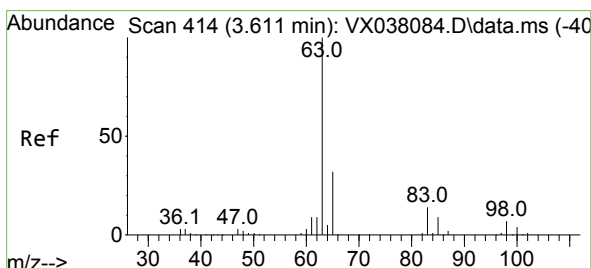
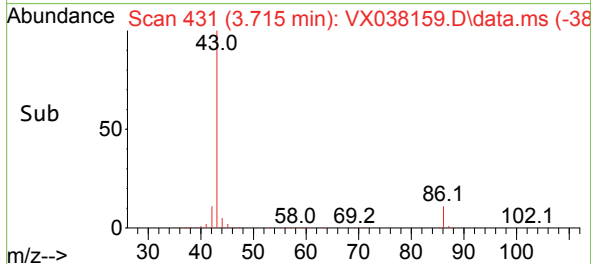
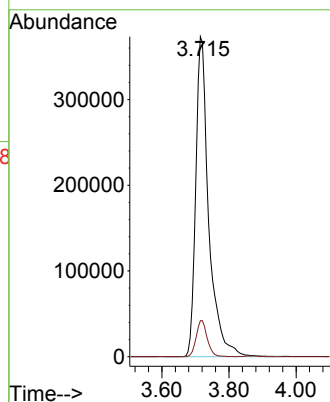
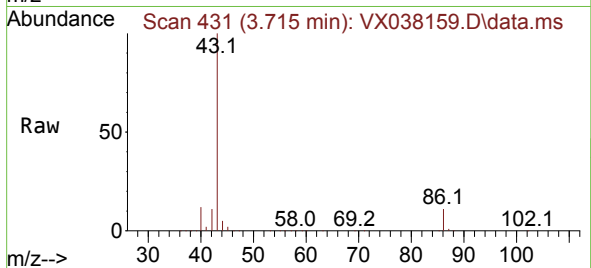




#23
 Vinyl Acetate
 Concen: 288.935 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX038159.D
 Acq: 09 Oct 2023 10:12

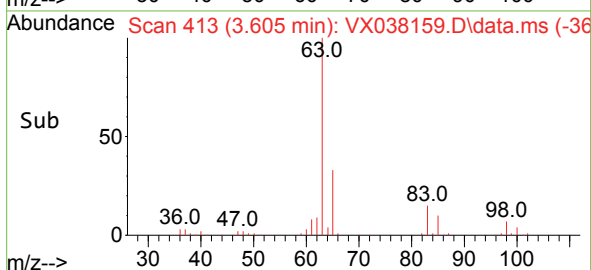
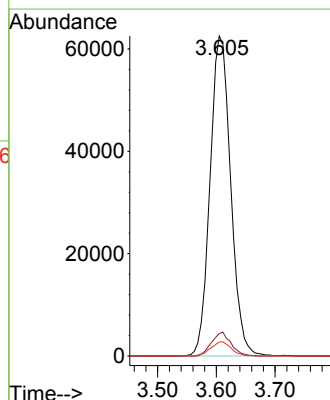
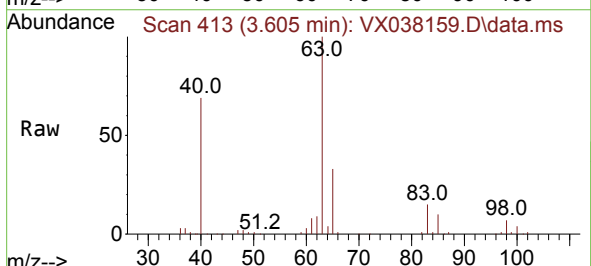
Instrument :
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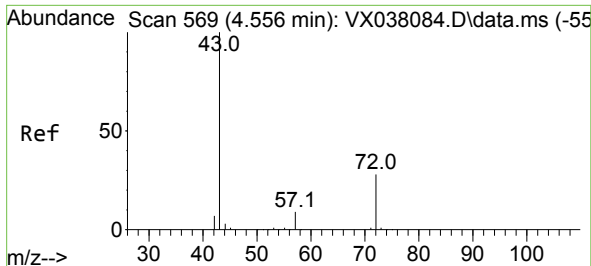
Tgt Ion: 43 Resp: 1003342
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 53.072 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038159.D
 Acq: 09 Oct 2023 10:12

Tgt Ion: 63 Resp: 152513
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 267.886 ug/l

RT: 4.544 min Scan# 5

Delta R.T. -0.012 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

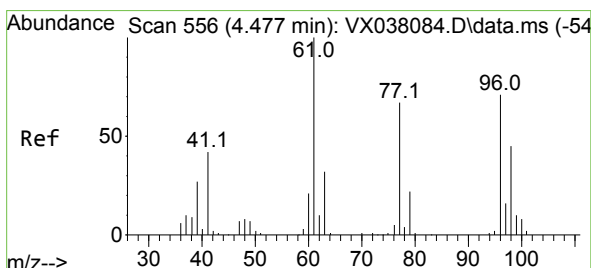
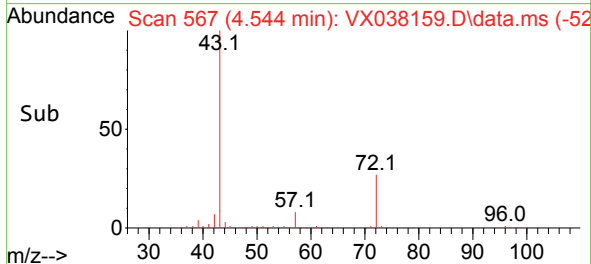
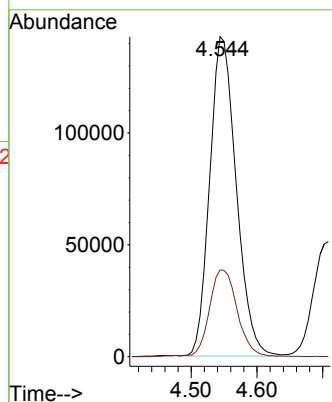
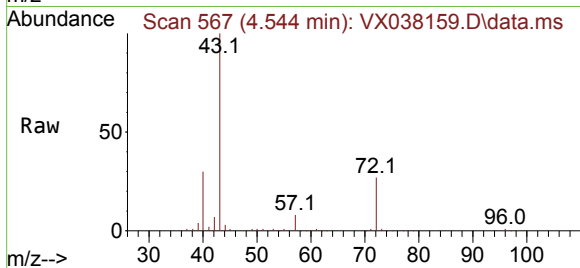
VSTDCCC050

Tgt Ion: 43 Resp: 400577

Ion Ratio Lower Upper

43 100

72 27.0 19.4 29.2



#26

2,2-Dichloropropane

Concen: 58.420 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX038159.D

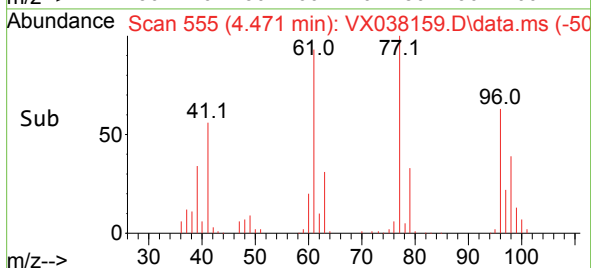
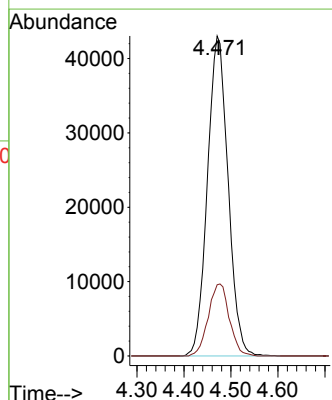
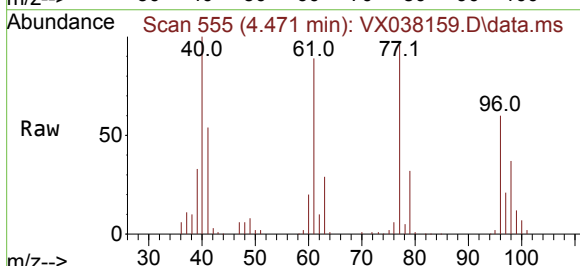
Acq: 09 Oct 2023 10:12

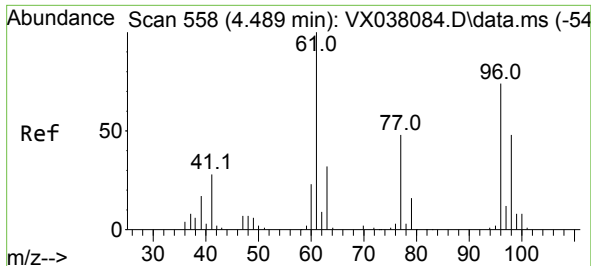
Tgt Ion: 77 Resp: 131073

Ion Ratio Lower Upper

77 100

97 22.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 53.797 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

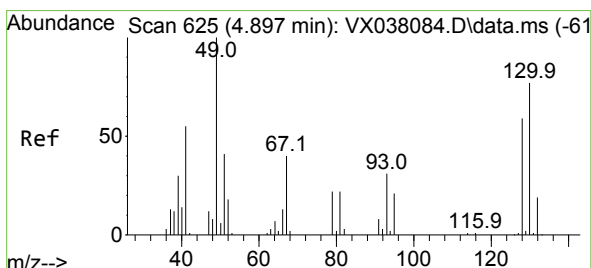
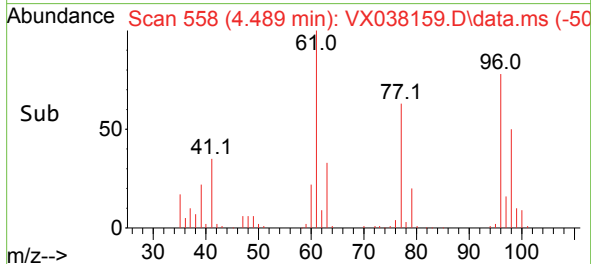
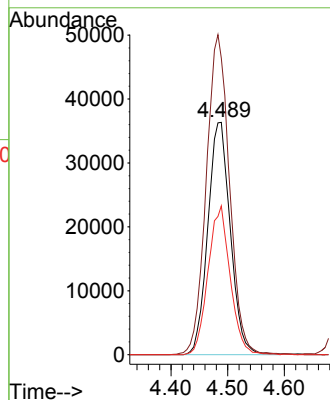
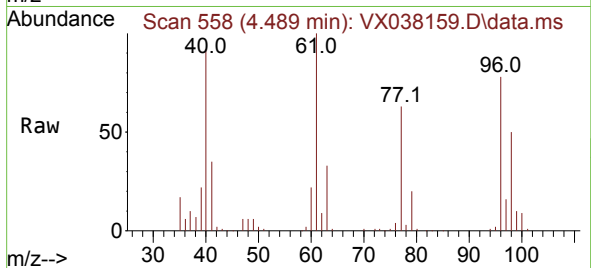
Tgt Ion: 96 Resp: 100204

Ion Ratio Lower Upper

96 100

61 142.3 0.0 312.2

98 62.8 0.0 129.0



#28

Bromochloromethane

Concen: 55.926 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

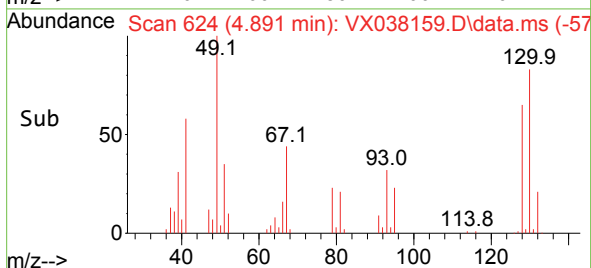
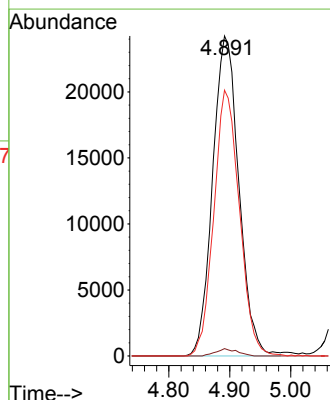
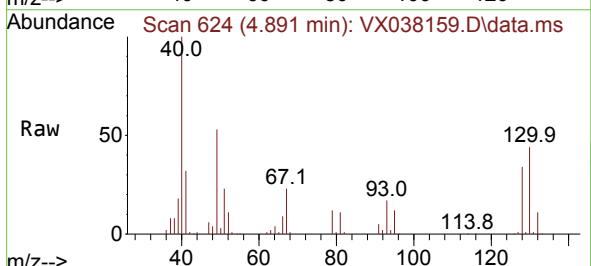
Tgt Ion: 49 Resp: 72551

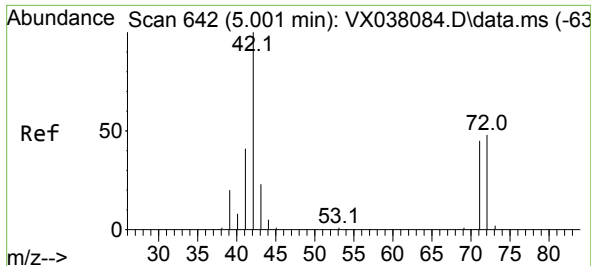
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 81.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 266.978 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

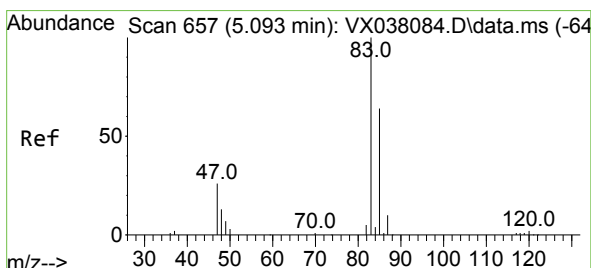
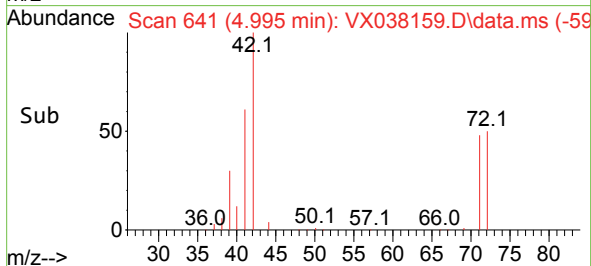
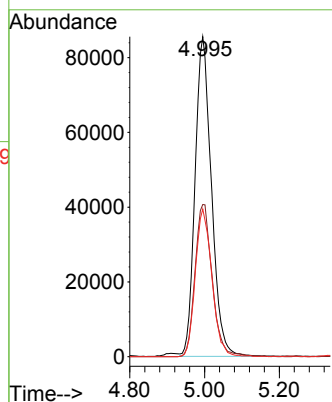
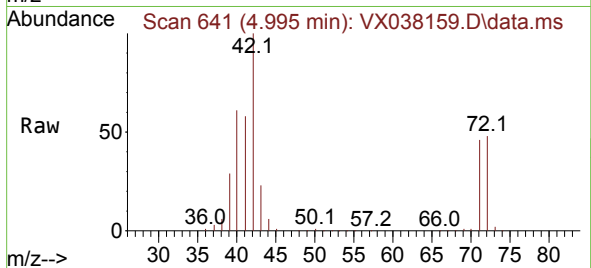
Tgt Ion: 42 Resp: 259917

Ion Ratio Lower Upper

42 100

72 49.9 34.2 51.4

71 46.7 32.2 48.2



#30

Chloroform

Concen: 54.871 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.007 min

Lab File: VX038159.D

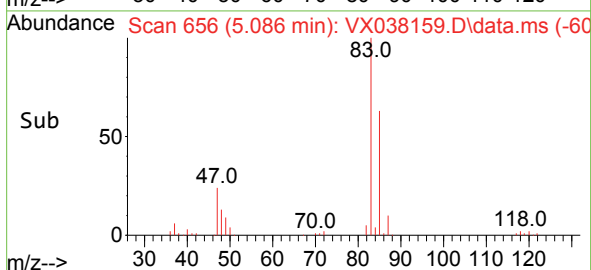
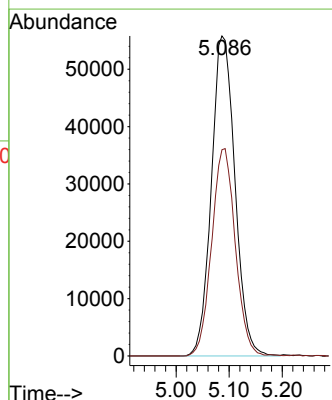
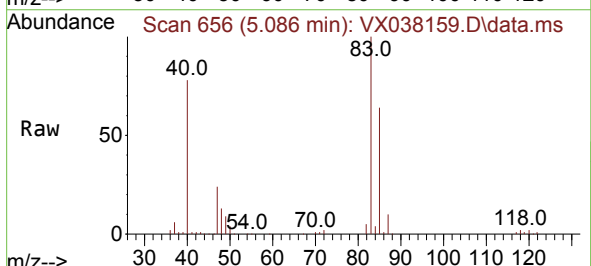
Acq: 09 Oct 2023 10:12

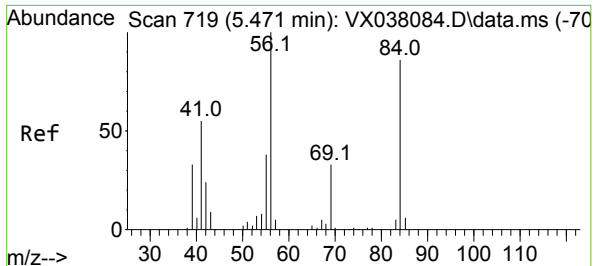
Tgt Ion: 83 Resp: 172432

Ion Ratio Lower Upper

83 100

85 64.4 50.3 75.5

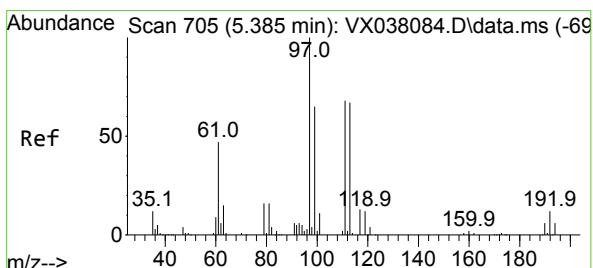
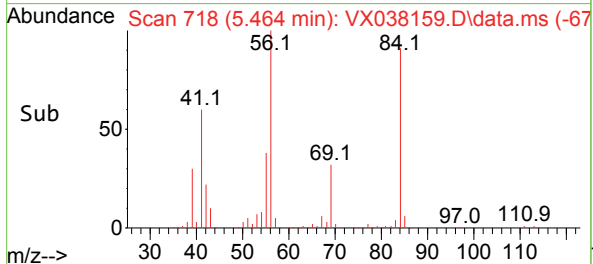
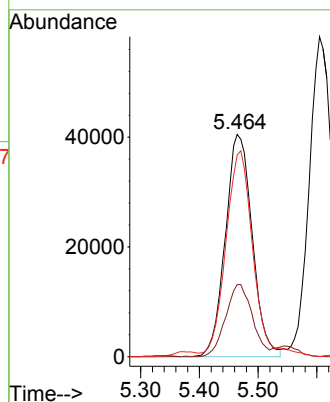
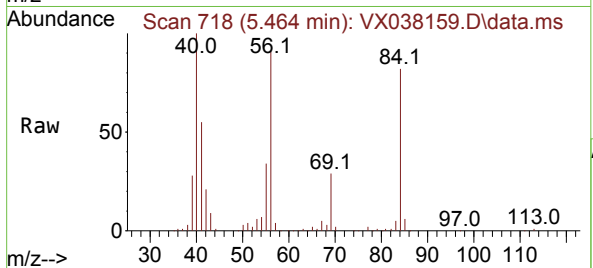




#31
Cyclohexane
Concen: 53.562 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.007 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

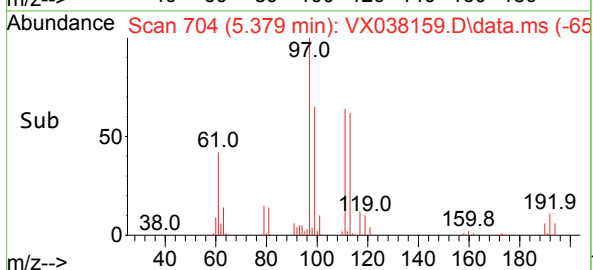
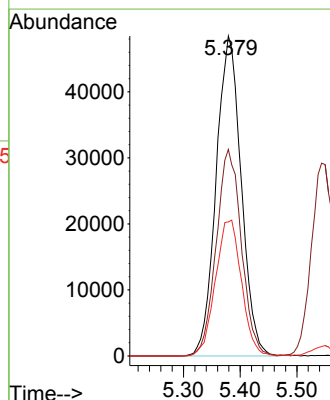
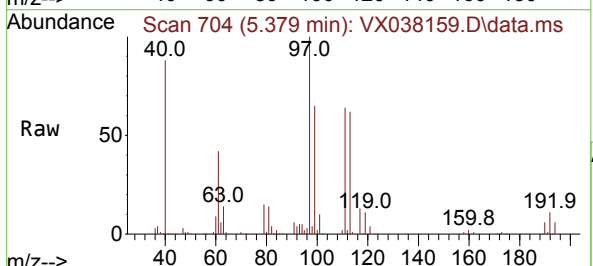
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

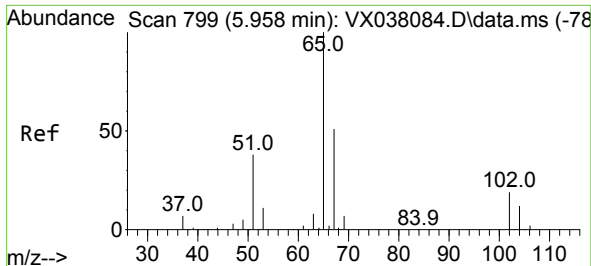
Tgt Ion: 56 Resp: 128864
Ion Ratio Lower Upper
56 100
69 32.4 23.4 35.2
84 88.4 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 55.287 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

Tgt Ion: 97 Resp: 148811
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 44.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.857 ug/l

RT: 5.946 min Scan# 799

Delta R.T. -0.012 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

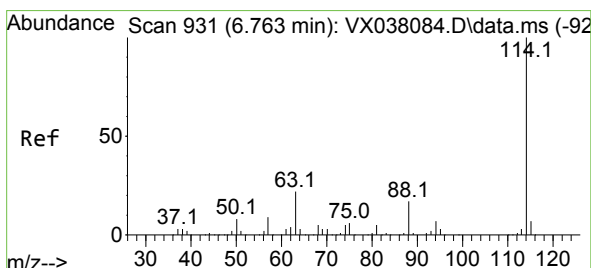
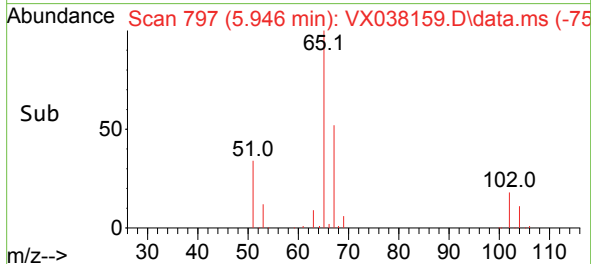
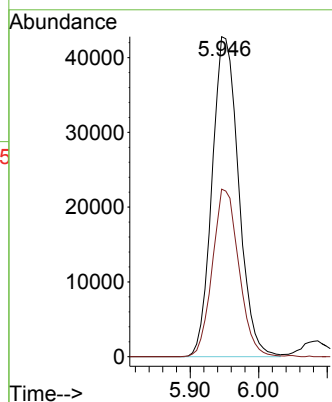
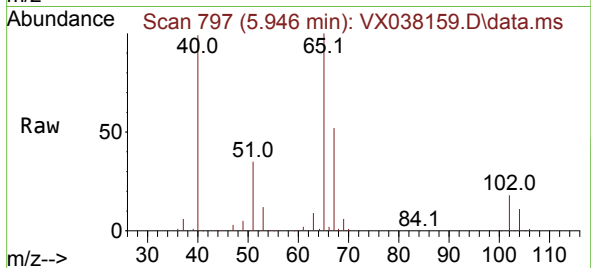
VSTDCCC050

Tgt Ion: 65 Resp: 115155

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

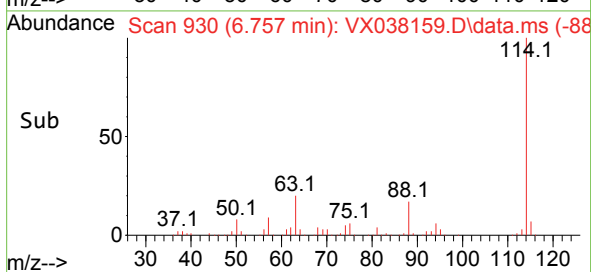
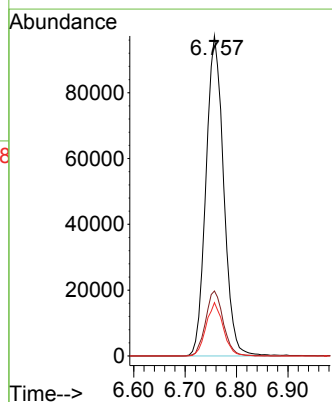
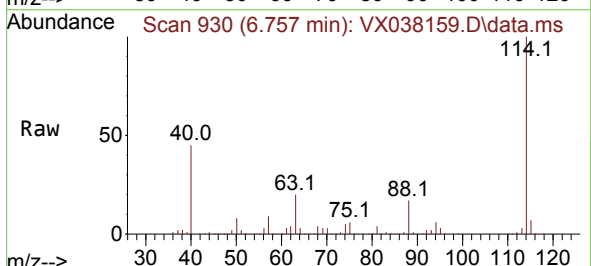
Tgt Ion: 114 Resp: 232497

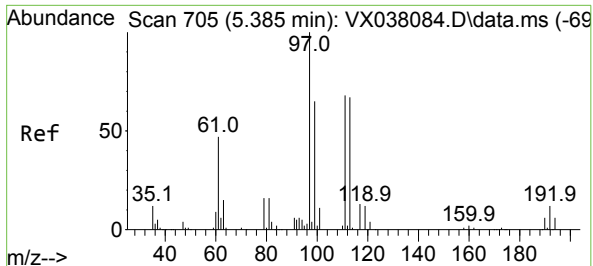
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

88 16.7 0.0 36.6

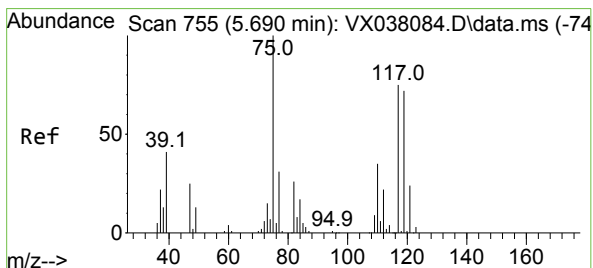
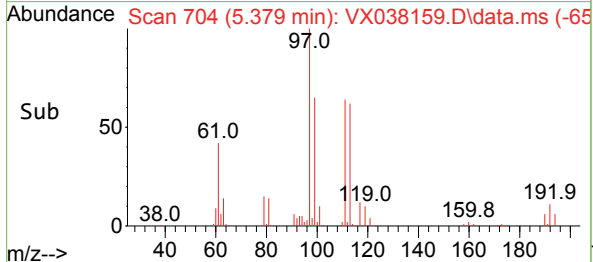
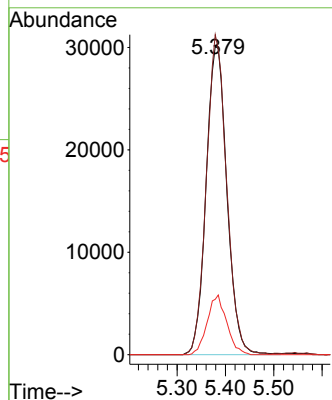
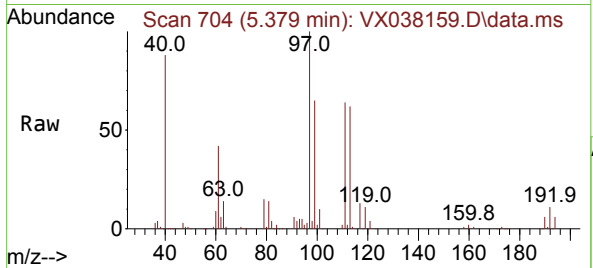




#35
Dibromofluoromethane
Concen: 53.882 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

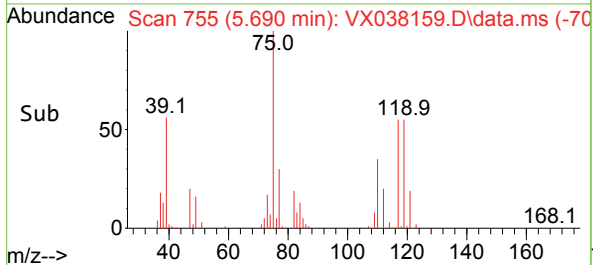
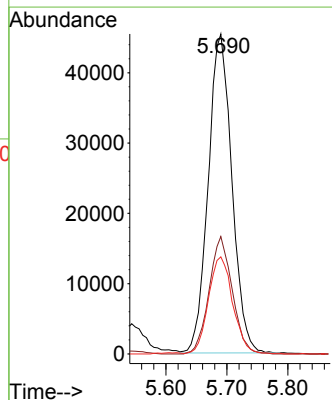
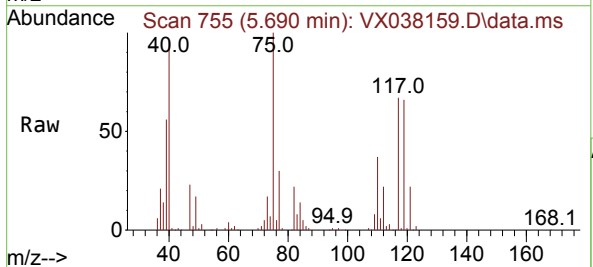
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

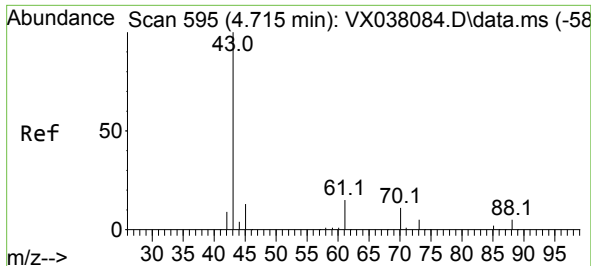
Tgt Ion:113 Resp: 90267
Ion Ratio Lower Upper
113 100
111 100.8 82.9 124.3
192 18.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 53.070 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

Tgt Ion: 75 Resp: 122602
Ion Ratio Lower Upper
75 100
110 36.0 17.0 50.9
77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 55.124 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.007 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

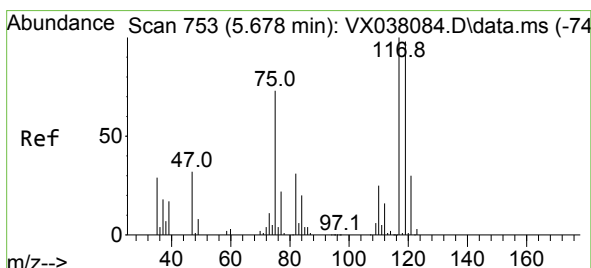
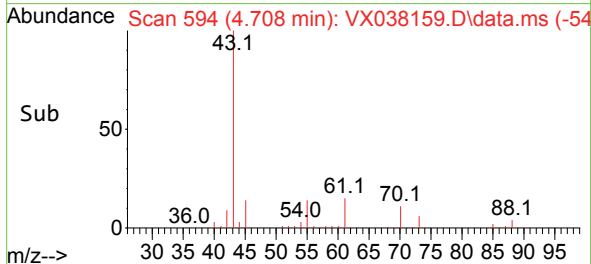
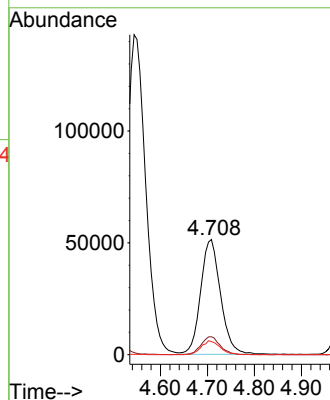
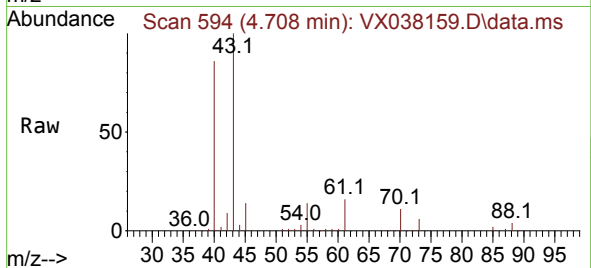
Tgt Ion: 43 Resp: 151243

Ion Ratio Lower Upper

43 100

61 15.2 10.6 16.0

70 11.3 8.3 12.5



#38

Carbon Tetrachloride

Concen: 56.740 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

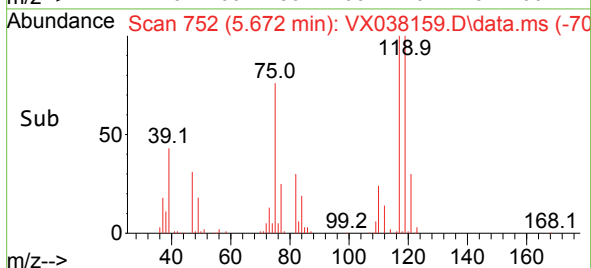
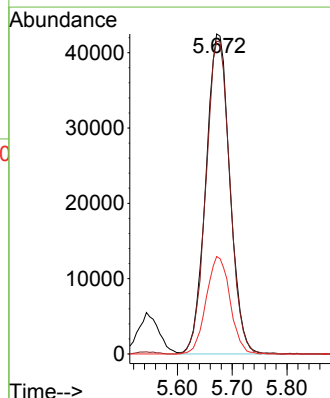
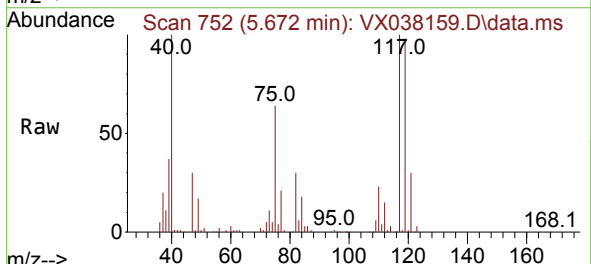
Tgt Ion: 117 Resp: 128950

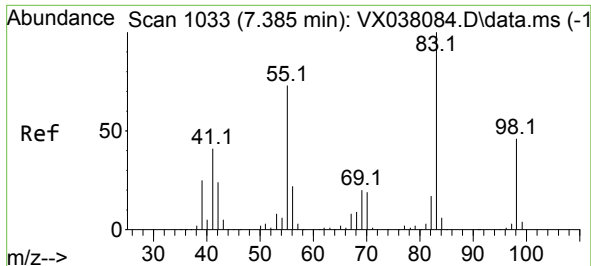
Ion Ratio Lower Upper

117 100

119 97.7 78.2 117.2

121 30.5 24.4 36.6





#39

Methylcyclohexane

Concen: 56.129 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

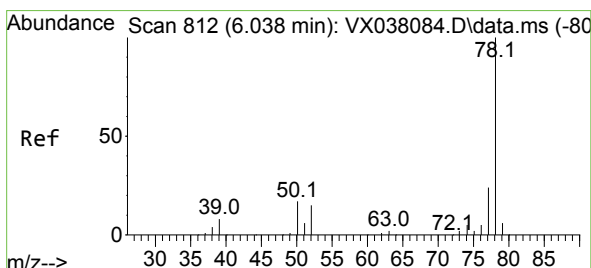
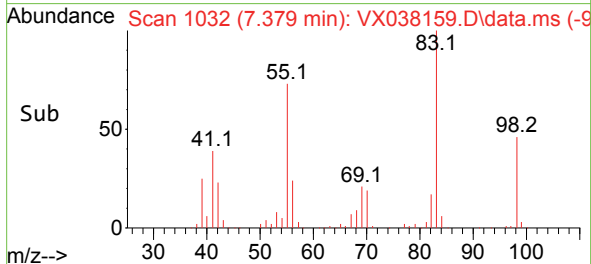
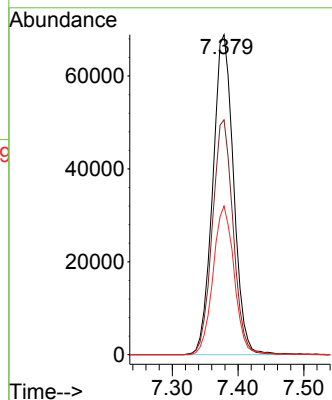
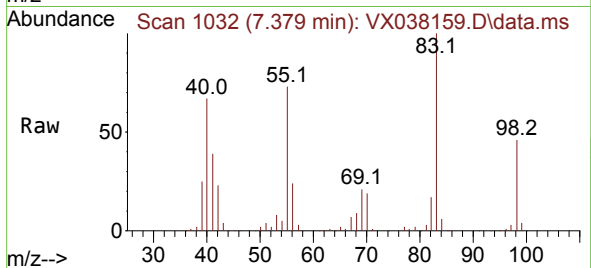
Tgt Ion: 83 Resp: 151884

Ion Ratio Lower Upper

83 100

55 73.4 64.6 97.0

98 46.4 36.7 55.1



#40

Benzene

Concen: 55.336 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.007 min

Lab File: VX038159.D

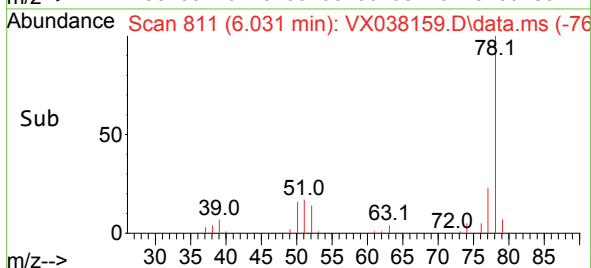
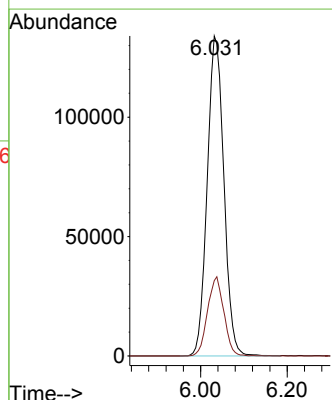
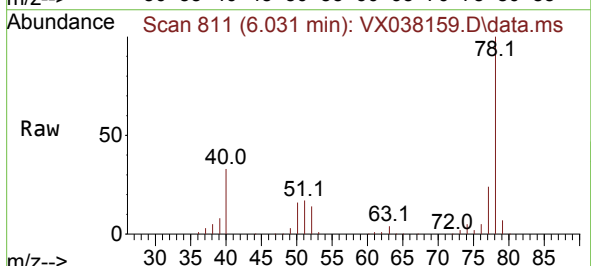
Acq: 09 Oct 2023 10:12

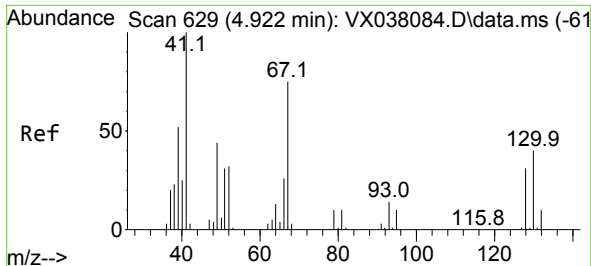
Tgt Ion: 78 Resp: 357553

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9

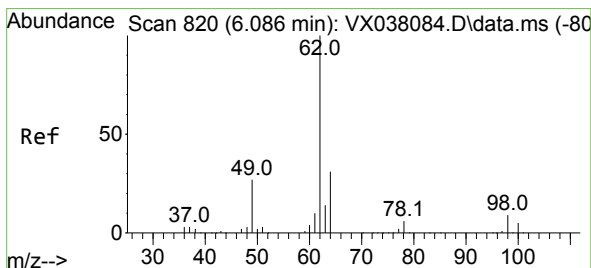
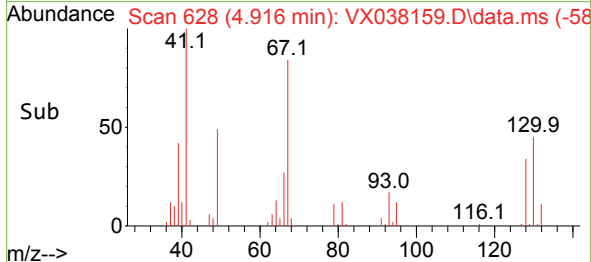
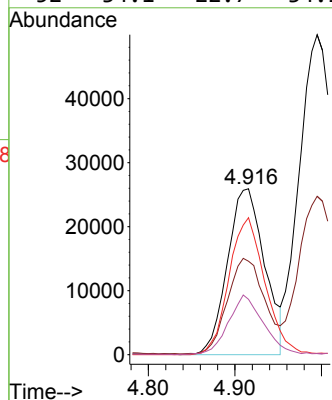
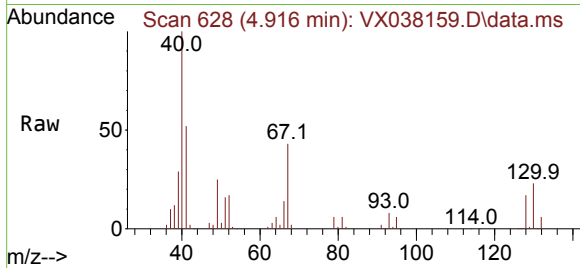




#41
Methacrylonitrile
Concen: 56.725 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

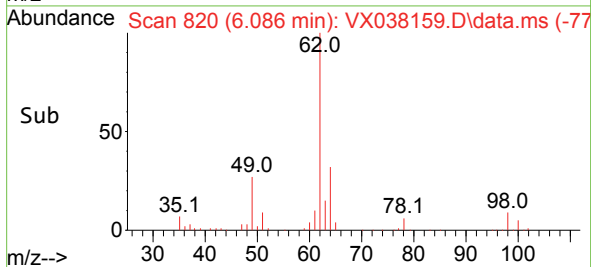
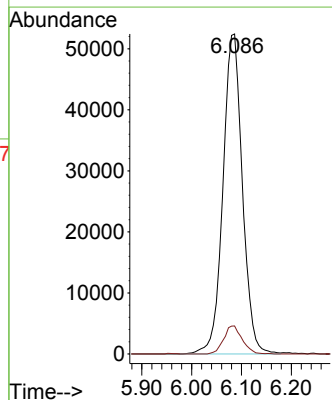
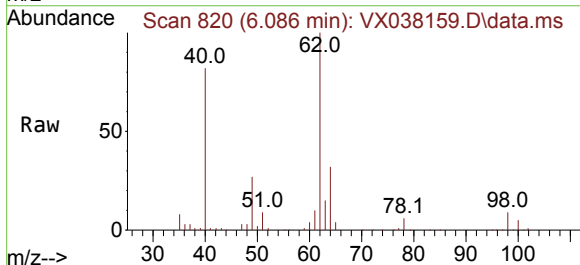
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

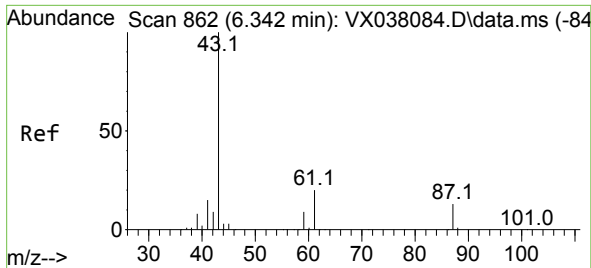
Tgt Ion: 41	Resp: 77423
Ion Ratio	Lower Upper
41 100	
39 57.9	45.2 67.8
67 80.7	52.6 78.8#
52 34.1	22.7 34.1



#42
1,2-Dichloroethane
Concen: 54.992 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

Tgt Ion: 62	Resp: 141966
Ion Ratio	Lower Upper
62 100	
98 8.4	0.0 16.0

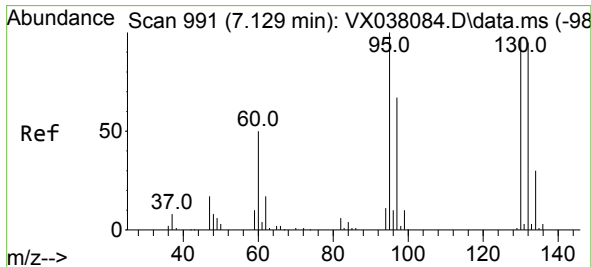
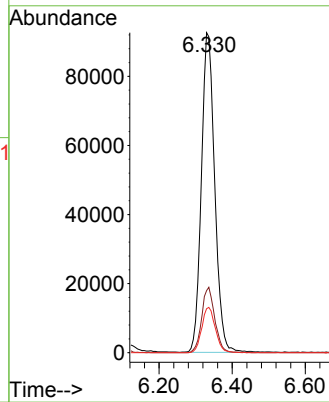
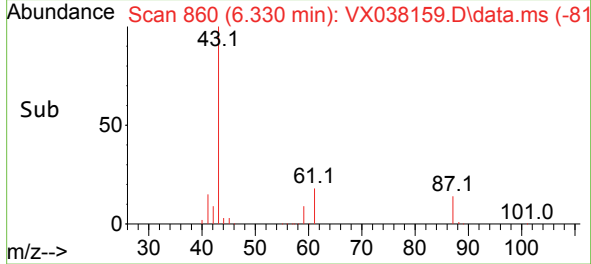
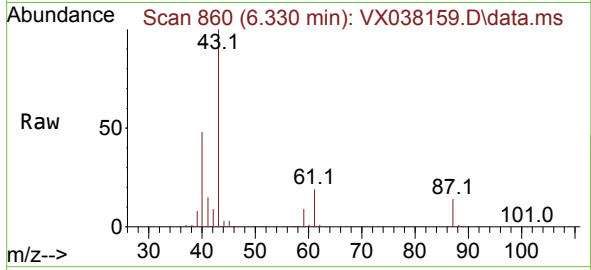




#43
Isopropyl Acetate
Concen: 57.476 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

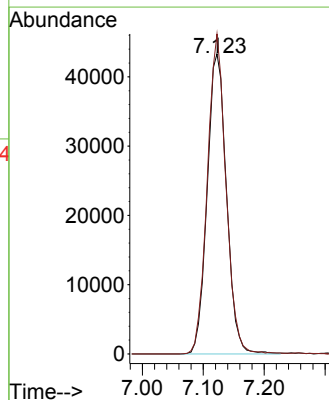
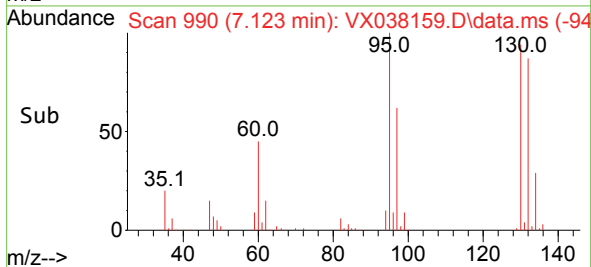
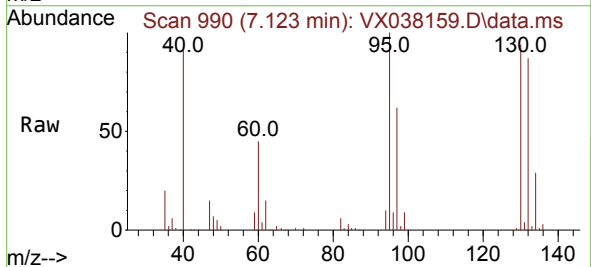
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

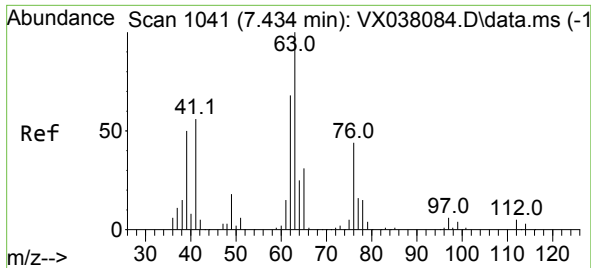
Tgt Ion: 43 Resp: 235413
Ion Ratio Lower Upper
43 100
61 20.1 15.2 22.8
87 14.4 9.8 14.6



#44
Trichloroethene
Concen: 56.515 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

Tgt Ion:130 Resp: 95511
Ion Ratio Lower Upper
130 100
95 106.6 0.0 204.4

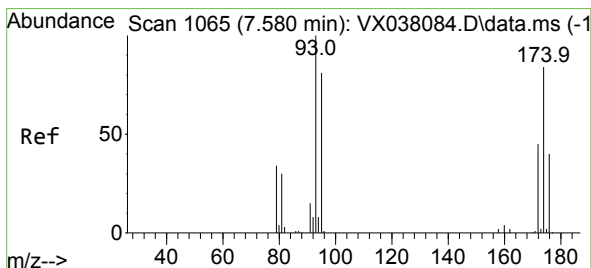
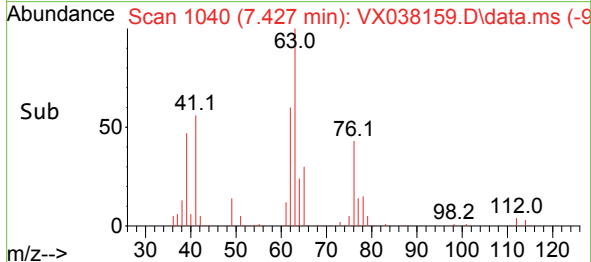
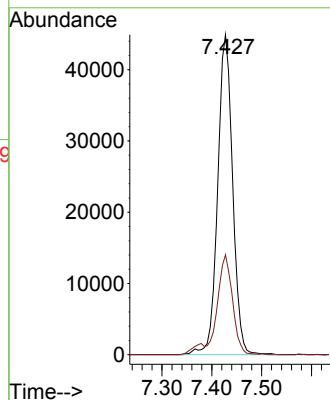
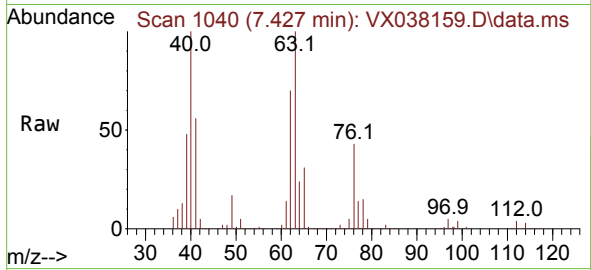




#45
1,2-Dichloropropane
Concen: 55.985 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.007 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

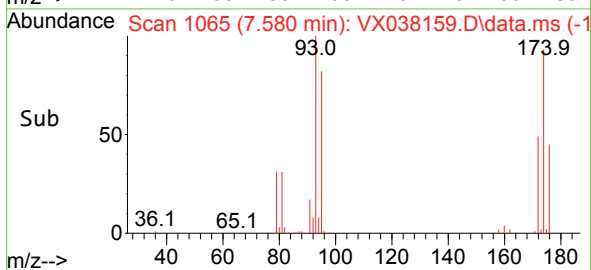
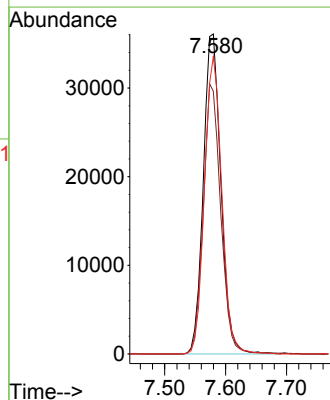
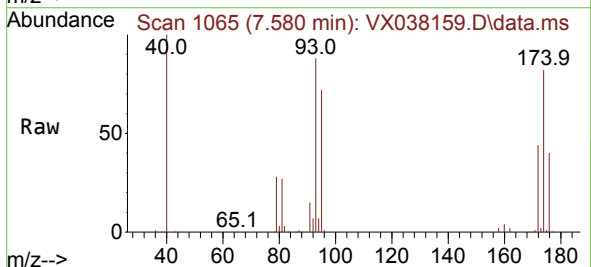
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

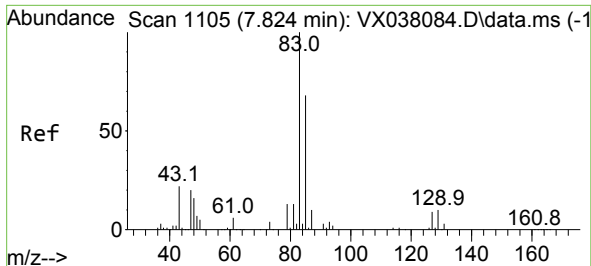
Tgt Ion: 63 Resp: 93627
Ion Ratio Lower Upper
63 100
65 31.2 24.3 36.5



#46
Dibromomethane
Concen: 55.872 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

Tgt Ion: 93 Resp: 72470
Ion Ratio Lower Upper
93 100
95 83.4 66.6 100.0
174 91.8 69.4 104.0

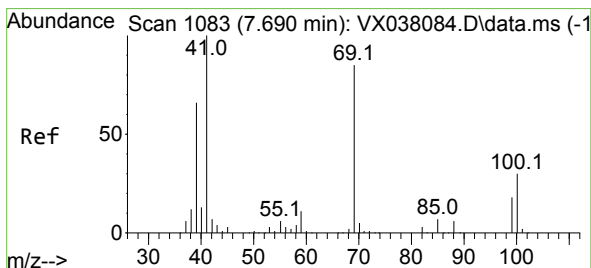
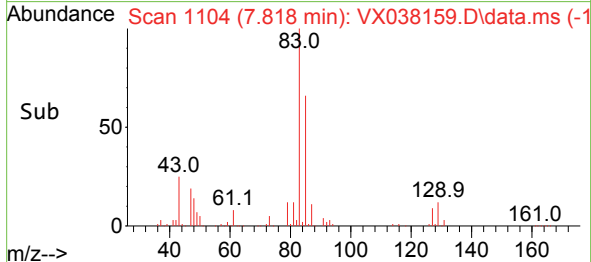
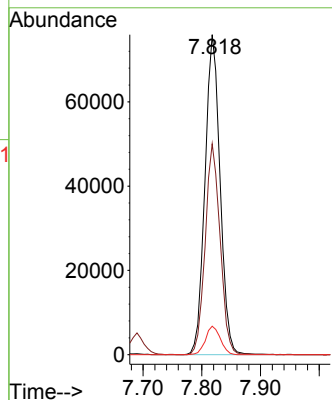
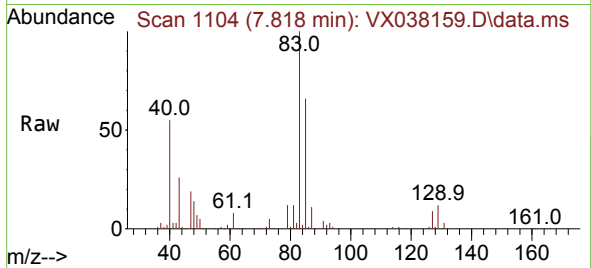




#47
Bromodichloromethane
Concen: 58.892 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

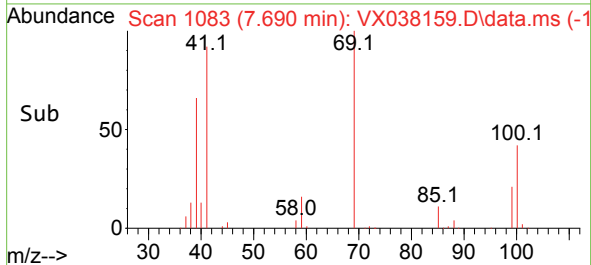
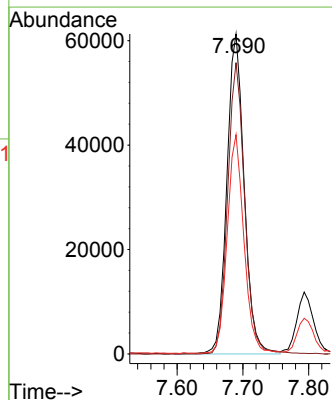
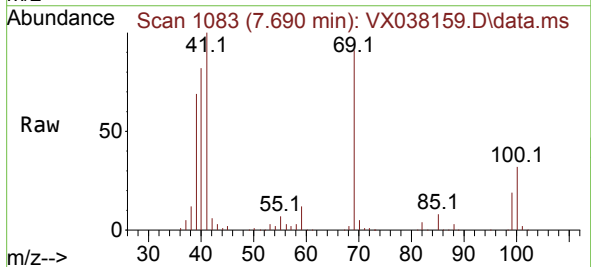
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

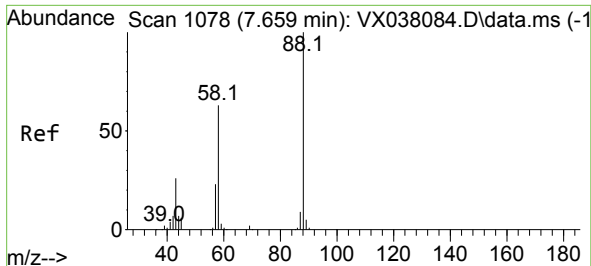
Tgt Ion: 83 Resp: 135887
Ion Ratio Lower Upper
83 100
85 65.9 49.8 74.6
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 57.484 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

Tgt Ion: 41 Resp: 112398
Ion Ratio Lower Upper
41 100
69 89.4 59.2 88.8
39 65.9 47.7 71.5





#49

1,4-Dioxane

Concen: 1021.198 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

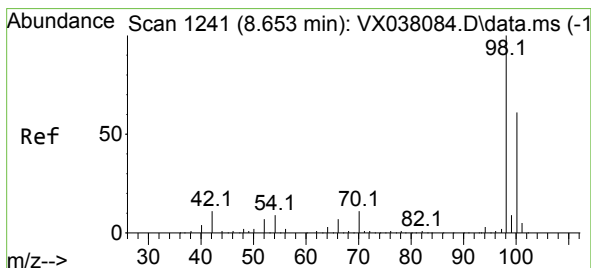
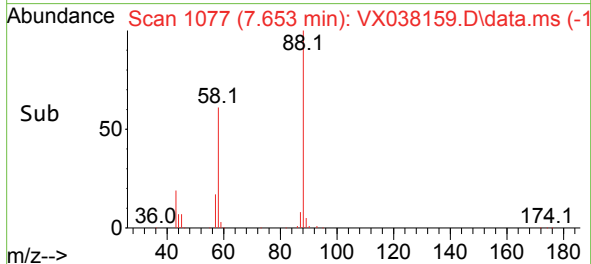
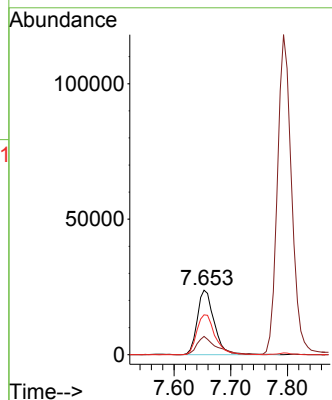
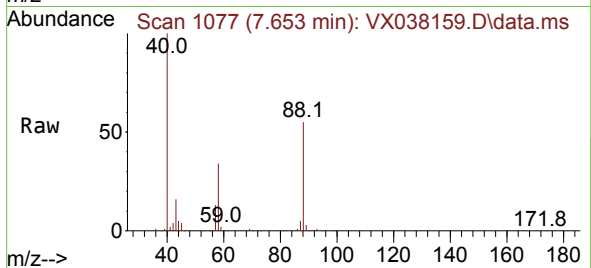
Tgt Ion: 88 Resp: 49204

Ion Ratio Lower Upper

88 100

43 32.0 0.0 0.0#

58 66.6 60.1 90.1



#50

Toluene-d8

Concen: 52.284 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038159.D

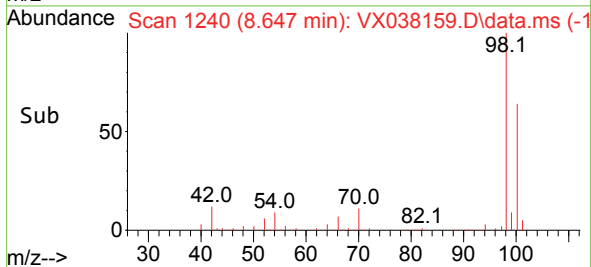
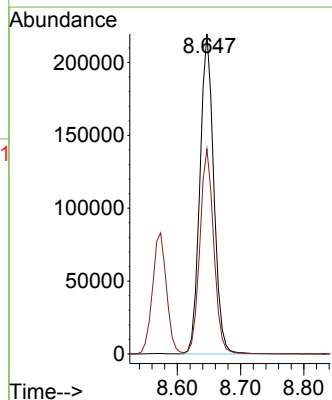
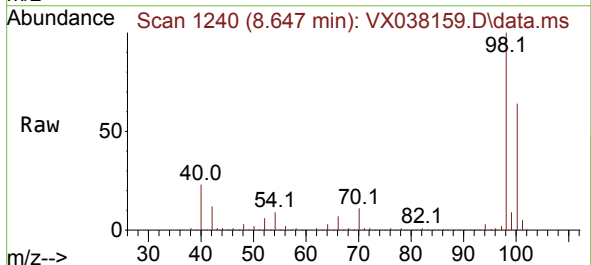
Acq: 09 Oct 2023 10:12

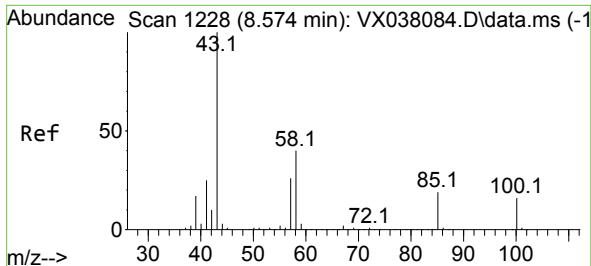
Tgt Ion: 98 Resp: 334709

Ion Ratio Lower Upper

98 100

100 64.5 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 286.720 ug/l

RT: 8.567 min Scan# 1227

Delta R.T. -0.007 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

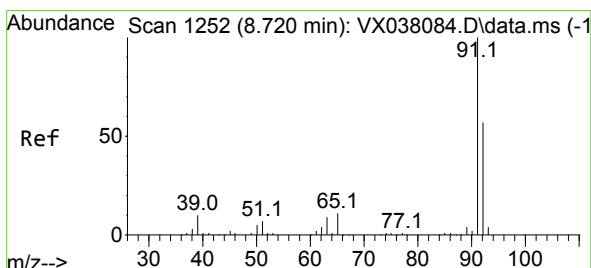
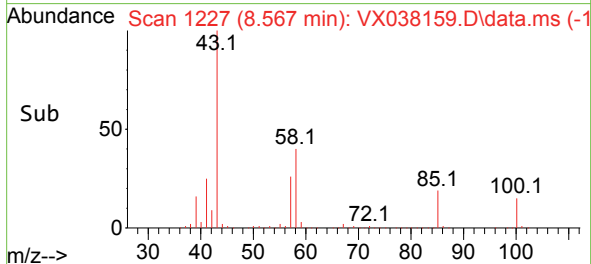
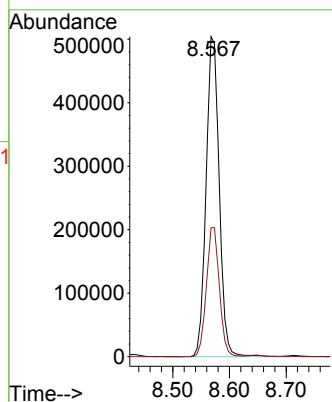
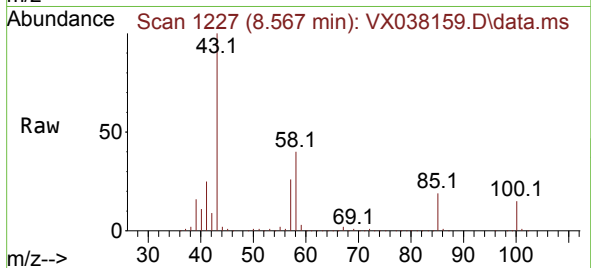
VSTDCCC050

Tgt Ion: 43 Resp: 810026

Ion Ratio Lower Upper

43 100

58 40.0 30.4 45.6



#52

Toluene

Concen: 56.623 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX038159.D

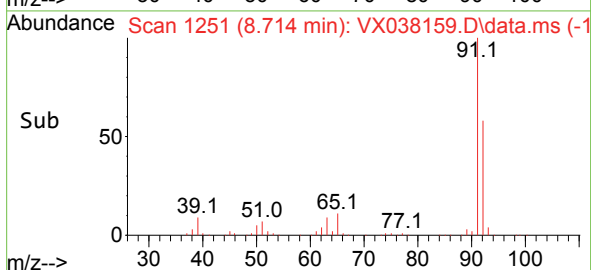
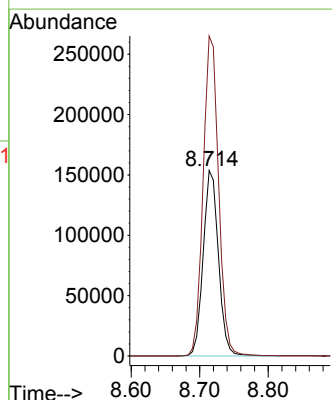
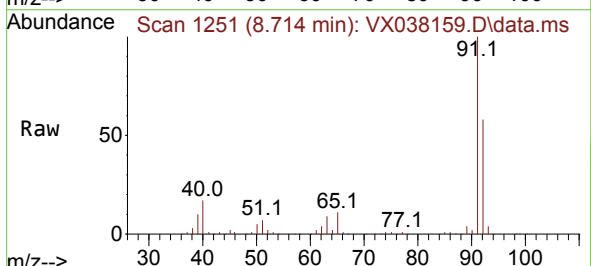
Acq: 09 Oct 2023 10:12

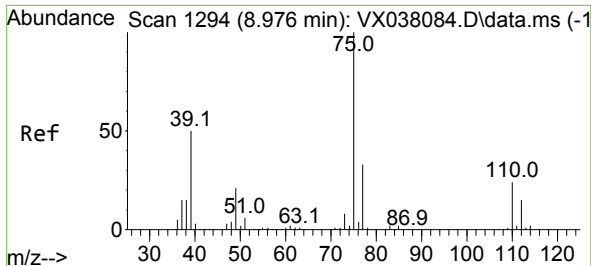
Tgt Ion: 92 Resp: 238328

Ion Ratio Lower Upper

92 100

91 175.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 62.154 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

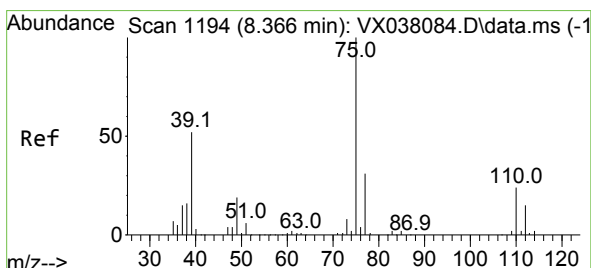
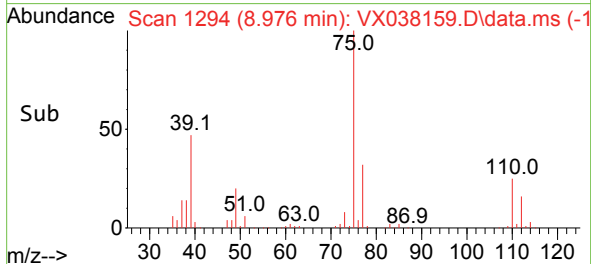
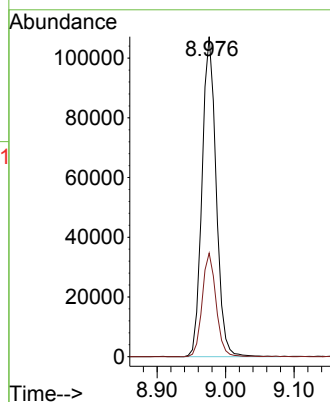
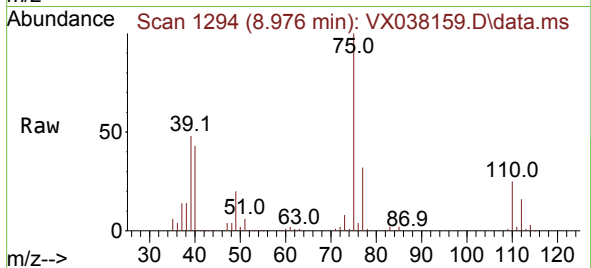
VSTDCCC050

Tgt Ion: 75 Resp: 153941

Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 60.149 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

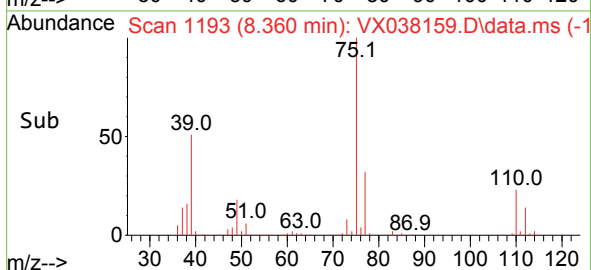
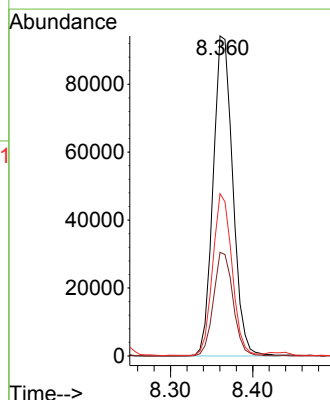
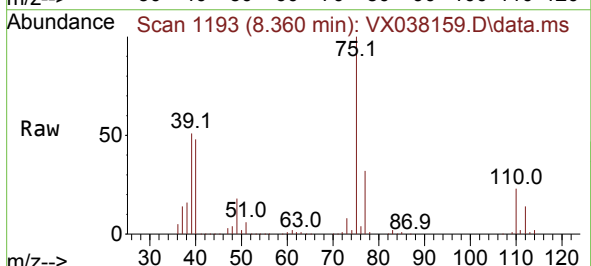
Tgt Ion: 75 Resp: 156519

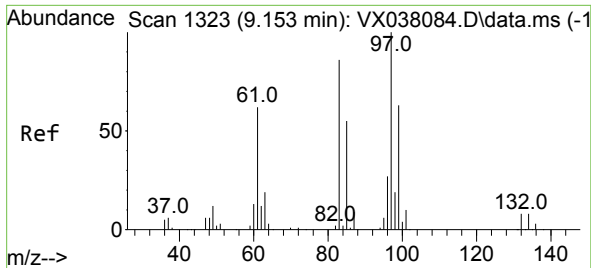
Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9

39 50.5 46.7 70.1



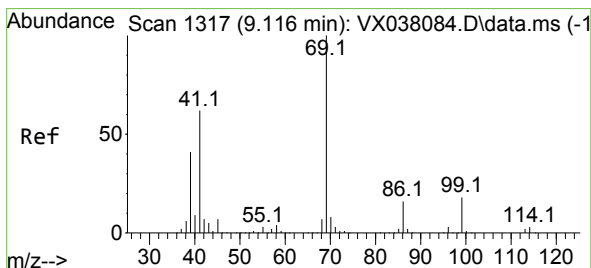
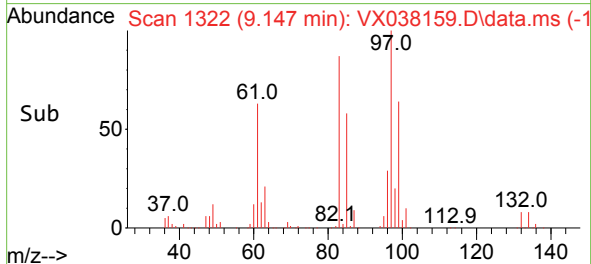
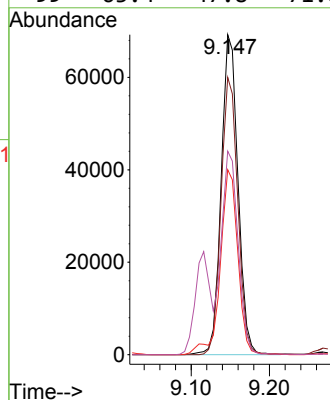
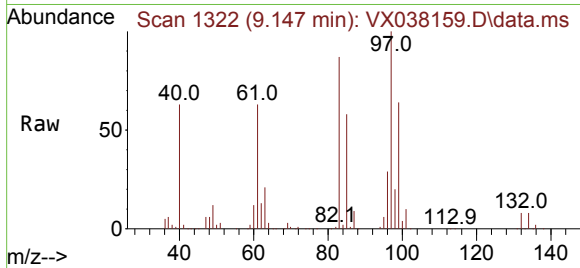


#55
 1,1,2-Trichloroethane
 Concen: 57.375 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. -0.006 min
 Lab File: VX038159.D
 Acq: 09 Oct 2023 10:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 103294

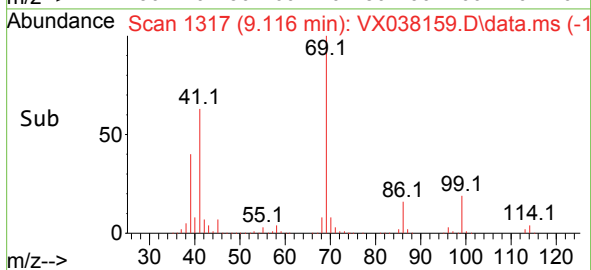
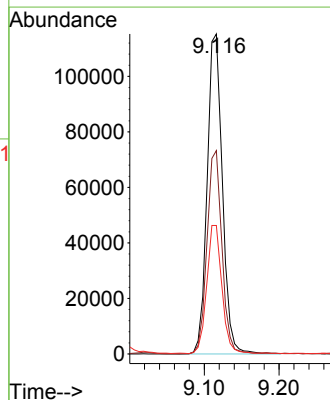
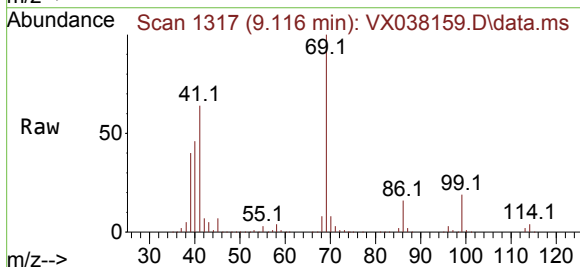
Ion	Ratio	Lower	Upper
97	100		
83	86.7	65.8	98.8
85	57.8	41.6	62.4
99	63.4	47.8	71.8

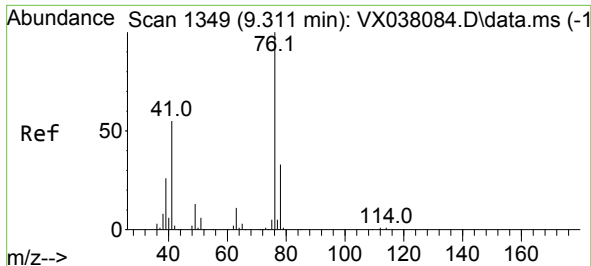


#56
 Ethyl methacrylate
 Concen: 59.151 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX038159.D
 Acq: 09 Oct 2023 10:12

Tgt Ion: 69 Resp: 163276

Ion	Ratio	Lower	Upper
69	100		
41	62.5	56.8	85.2
39	39.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 57.586 ug/l

RT: 9.305 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

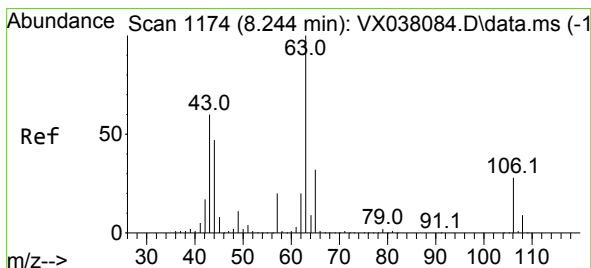
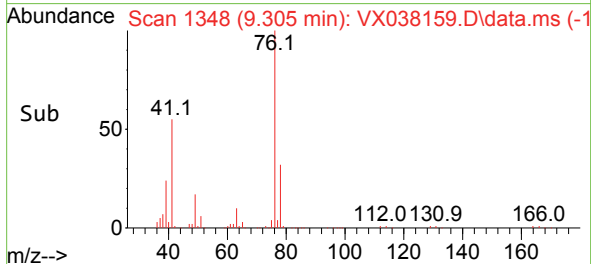
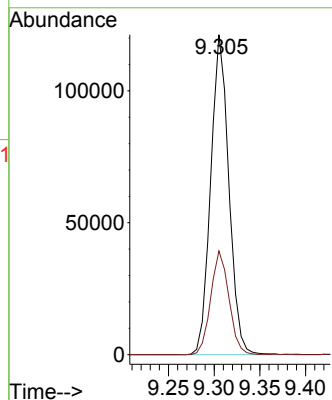
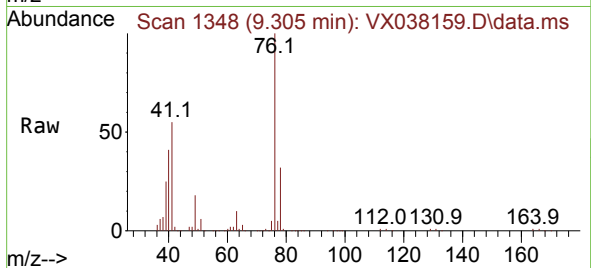
VSTDCCC050

Tgt Ion: 76 Resp: 167679

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 282.740 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038159.D

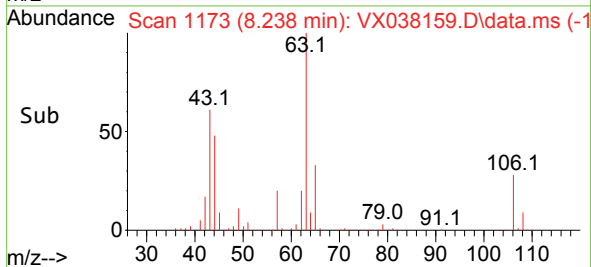
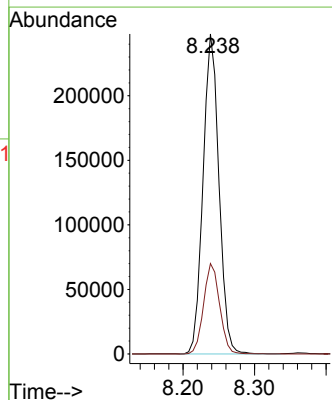
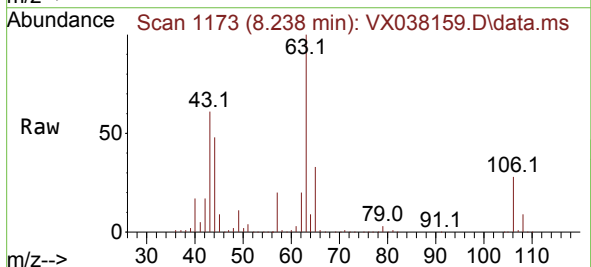
Acq: 09 Oct 2023 10:12

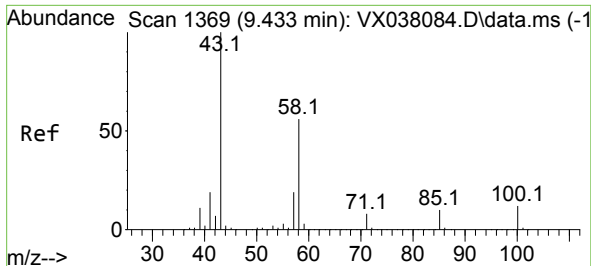
Tgt Ion: 63 Resp: 383091

Ion Ratio Lower Upper

63 100

106 28.5 22.5 33.7





#59

2-Hexanone

Concen: 291.421 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

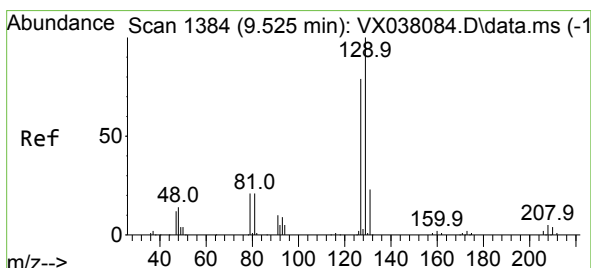
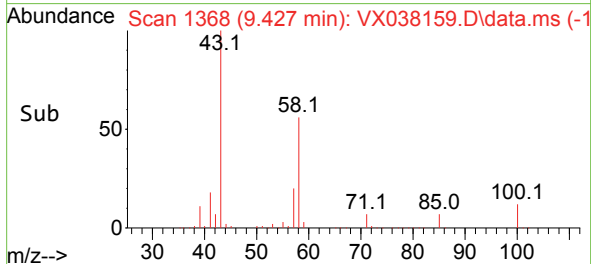
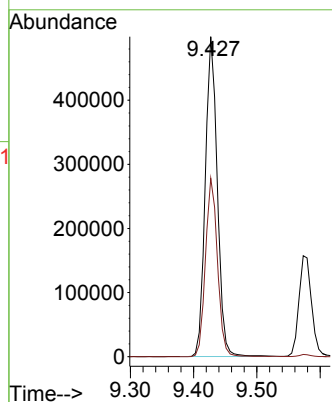
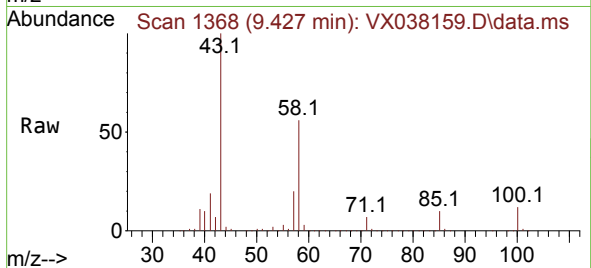
VSTDCCC050

Tgt Ion: 43 Resp: 661876

Ion Ratio Lower Upper

43 100

58 55.6 26.2 78.5



#60

Dibromochloromethane

Concen: 62.204 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.007 min

Lab File: VX038159.D

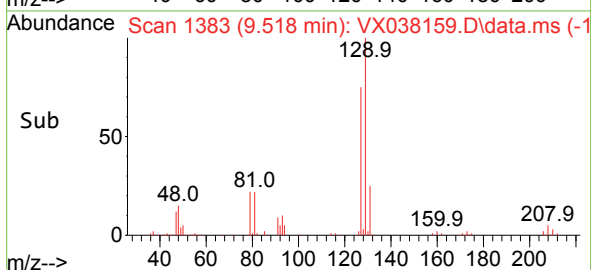
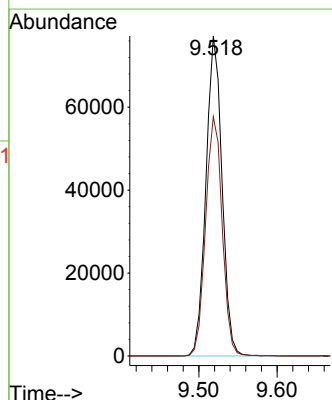
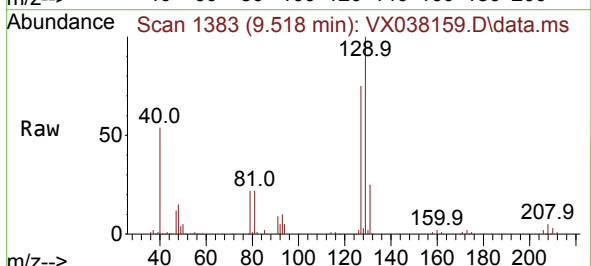
Acq: 09 Oct 2023 10:12

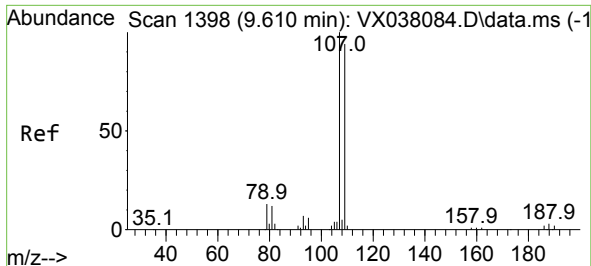
Tgt Ion: 129 Resp: 109603

Ion Ratio Lower Upper

129 100

127 77.0 38.8 116.4

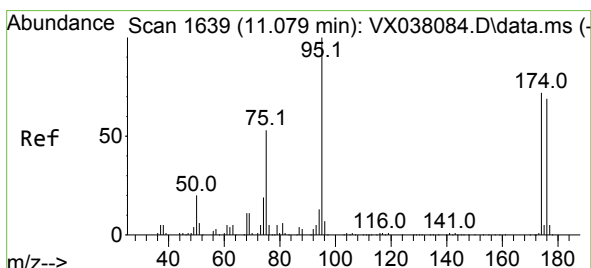
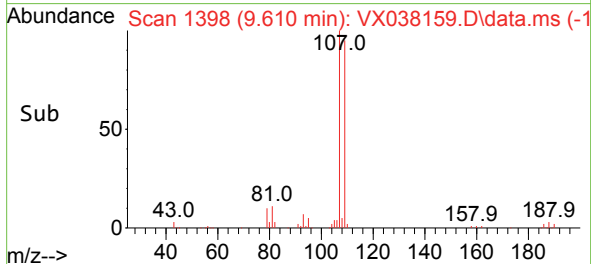
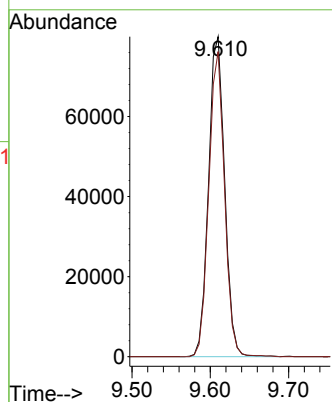
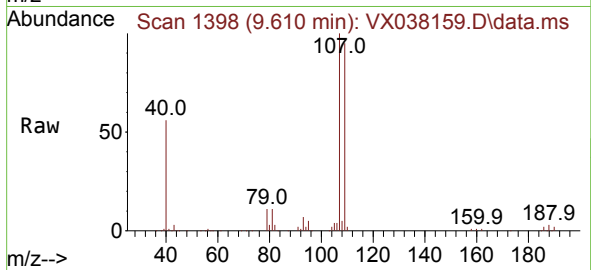




#61
1,2-Dibromoethane
Concen: 58.654 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

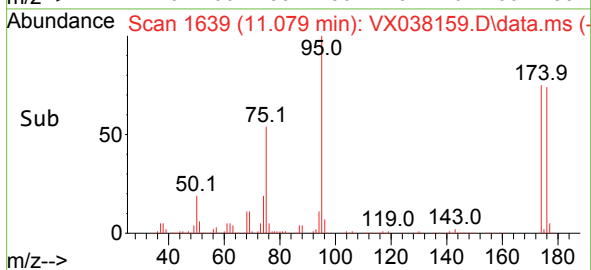
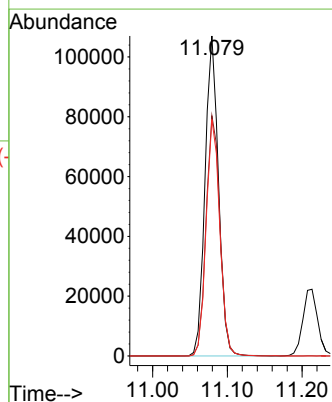
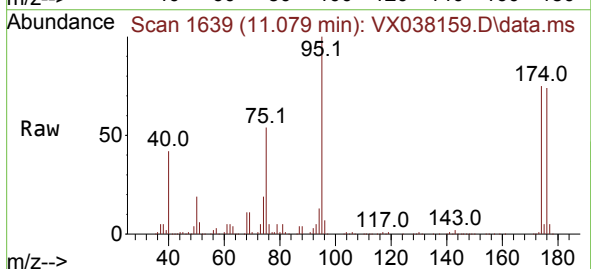
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

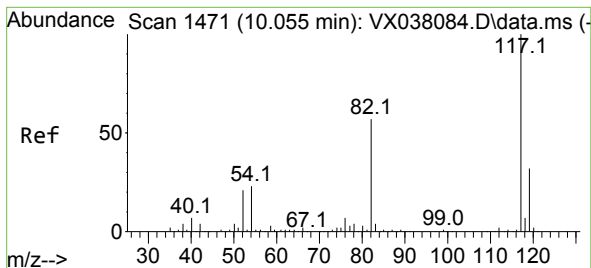
Tgt Ion:107 Resp: 114193
Ion Ratio Lower Upper
107 100
109 93.1 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 55.044 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

Tgt Ion: 95 Resp: 133588
Ion Ratio Lower Upper
95 100
174 77.6 0.0 135.6
176 74.9 0.0 131.0

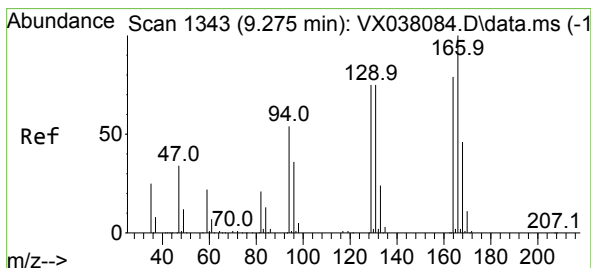
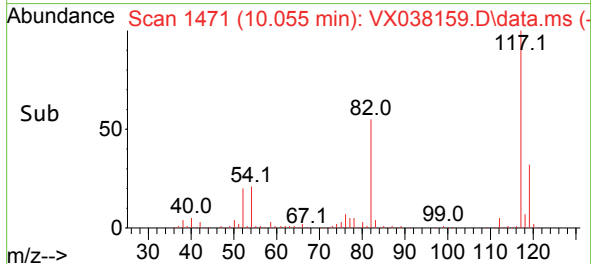
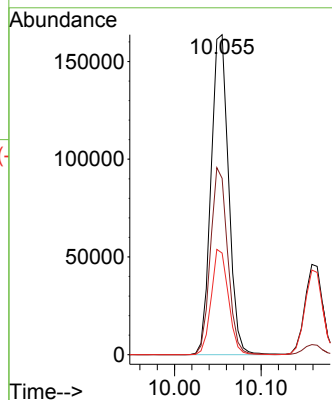
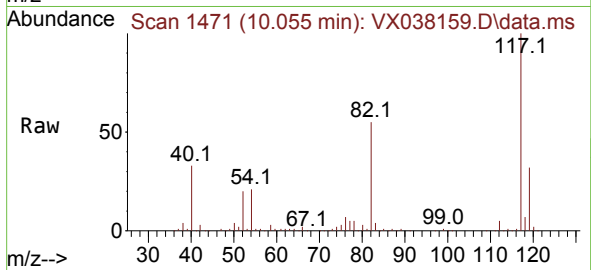




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

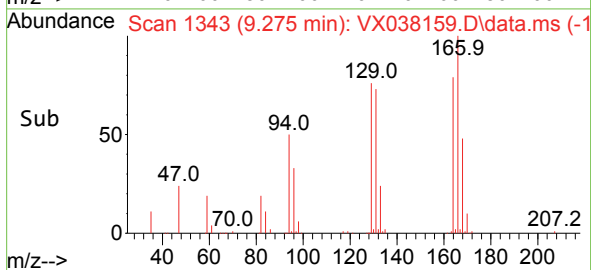
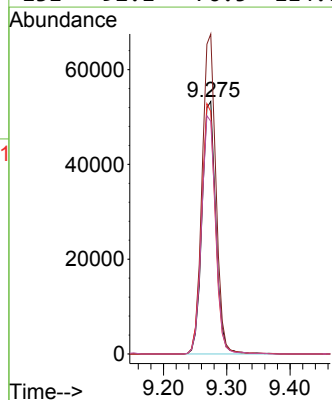
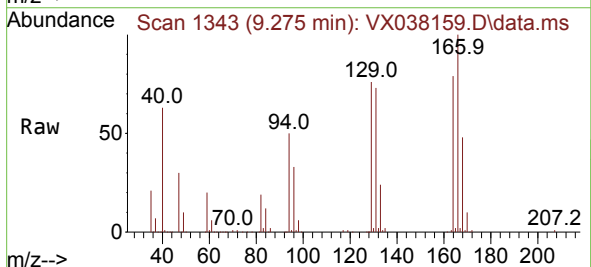
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

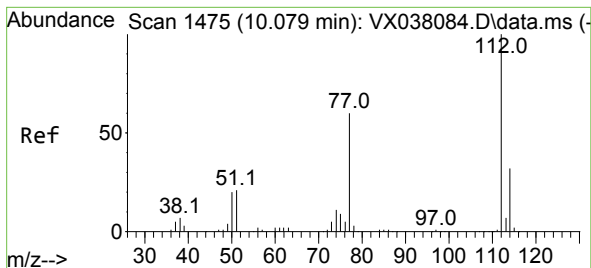
Tgt Ion:117 Resp: 230557
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 53.896 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

Tgt Ion:164 Resp: 80443
Ion Ratio Lower Upper
164 100
166 126.7 102.7 154.1
129 96.0 80.4 120.6
131 92.1 76.5 114.7

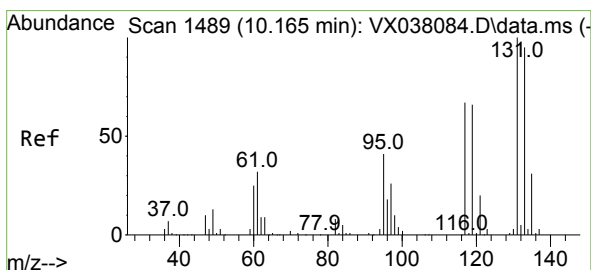
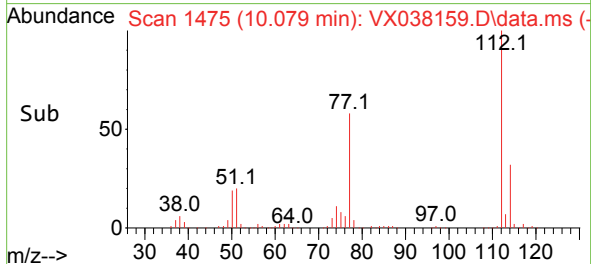
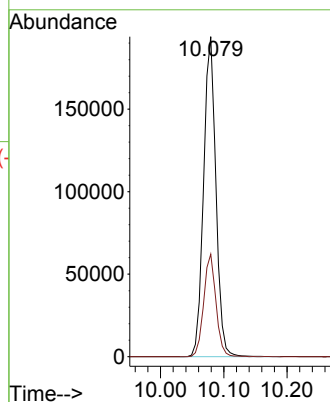
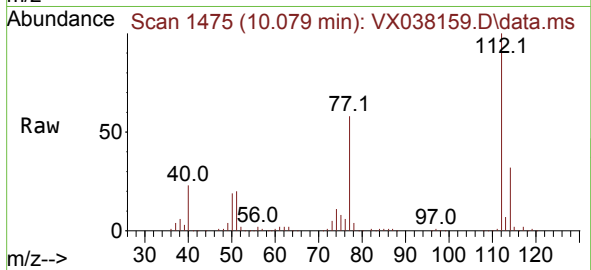




#65
Chlorobenzene
Concen: 54.497 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

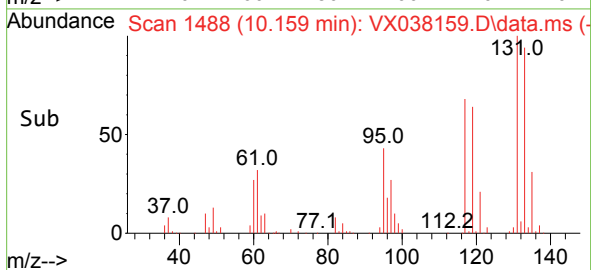
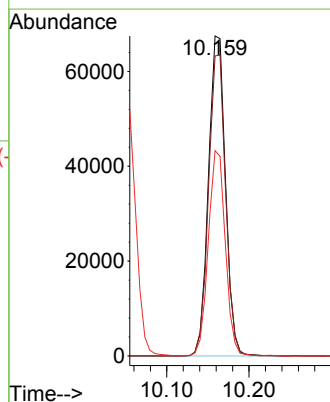
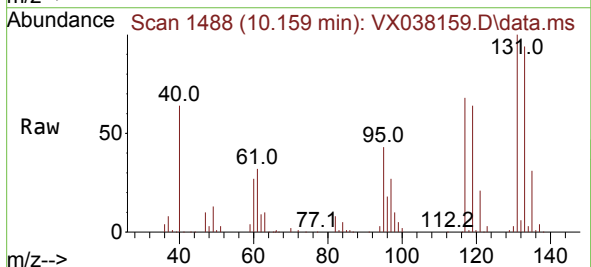
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

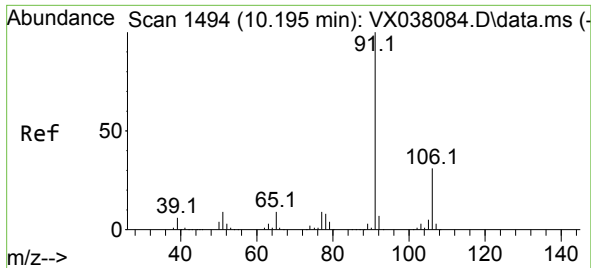
Tgt Ion:112 Resp: 262920
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 59.498 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

Tgt Ion:131 Resp: 97066
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.4
119 64.2 32.2 96.6





#67

Ethyl Benzene

Concen: 55.367 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

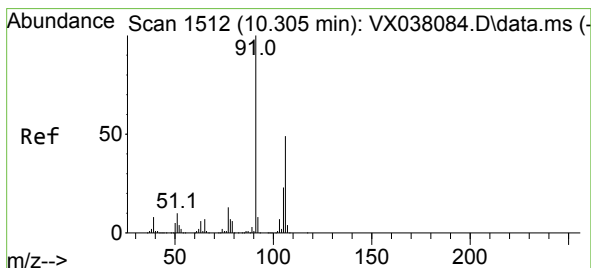
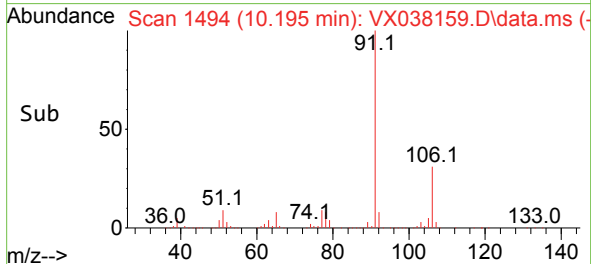
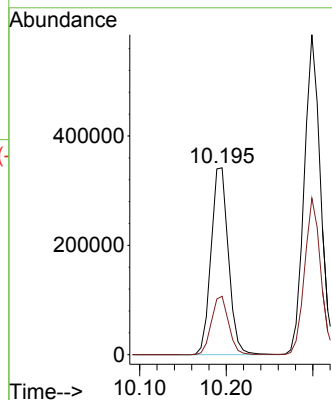
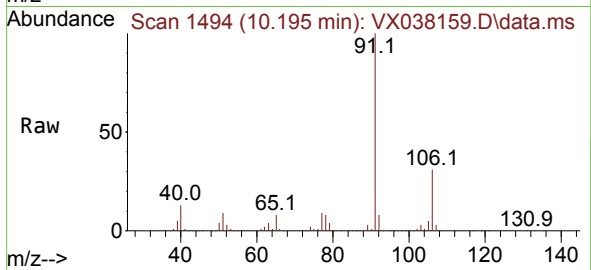
VSTDCCC050

Tgt Ion: 91 Resp: 476803

Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3



#68

m/p-Xylenes

Concen: 111.788 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX038159.D

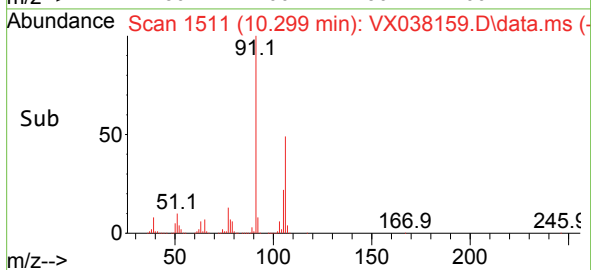
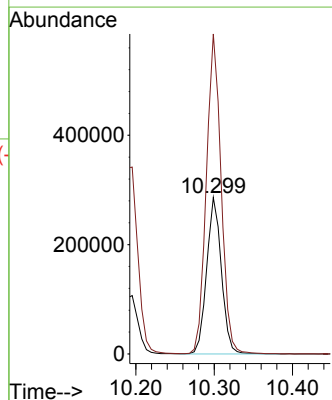
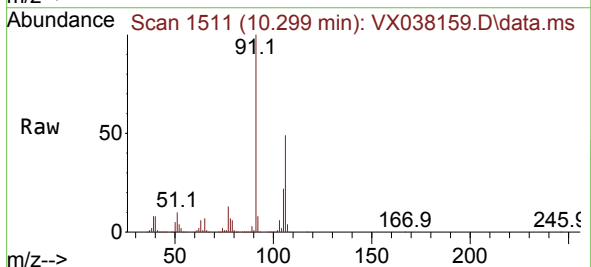
Acq: 09 Oct 2023 10:12

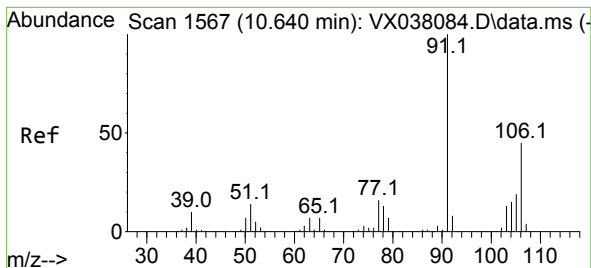
Tgt Ion:106 Resp: 372238

Ion Ratio Lower Upper

106 100

91 205.7 165.5 248.3





#69

o-Xylene

Concen: 55.189 ug/l

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

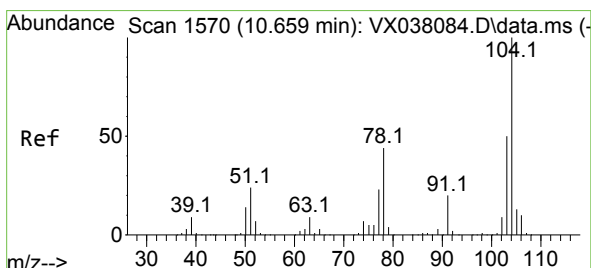
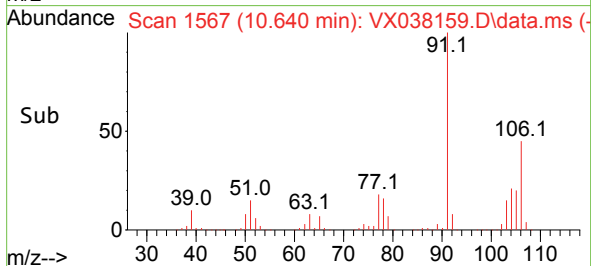
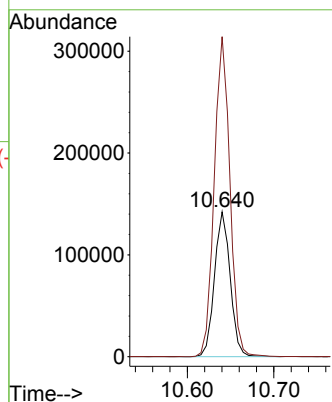
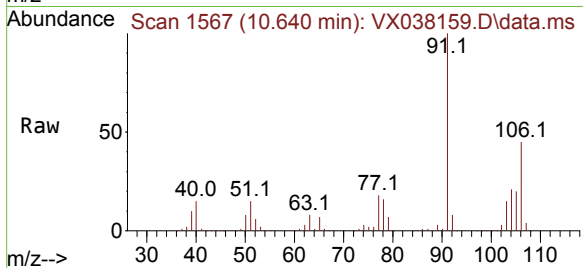
VSTDCCC050

Tgt Ion:106 Resp: 179359

Ion Ratio Lower Upper

106 100

91 220.4 108.9 326.8



#70

Styrene

Concen: 58.274 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.007 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

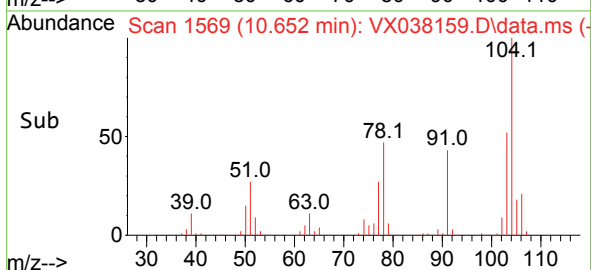
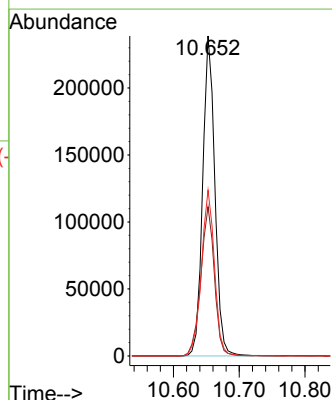
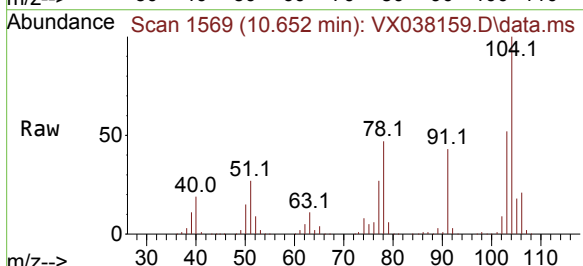
Tgt Ion:104 Resp: 308417

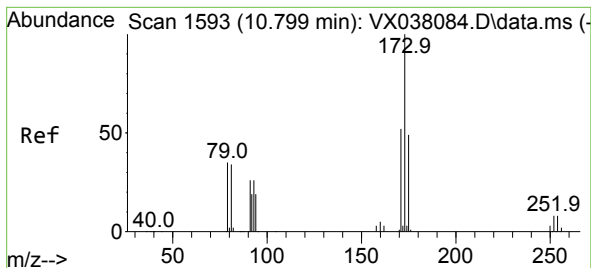
Ion Ratio Lower Upper

104 100

78 51.9 43.6 65.4

103 55.8 43.6 65.4





#71

Bromoform

Concen: 55.578 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

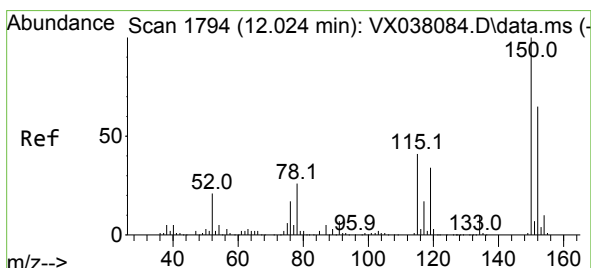
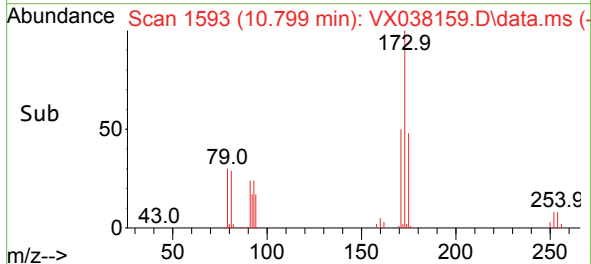
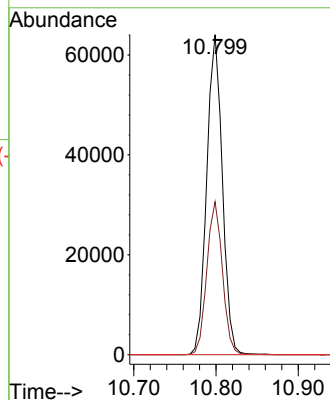
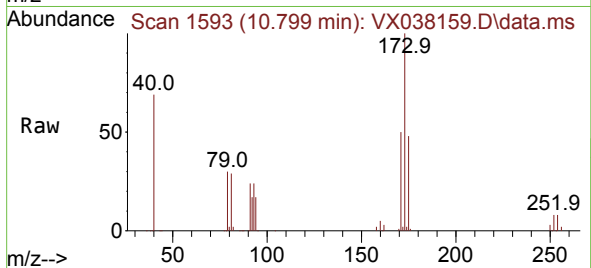
Tgt Ion:173 Resp: 84627

Ion Ratio Lower Upper

173 100

175 47.7 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

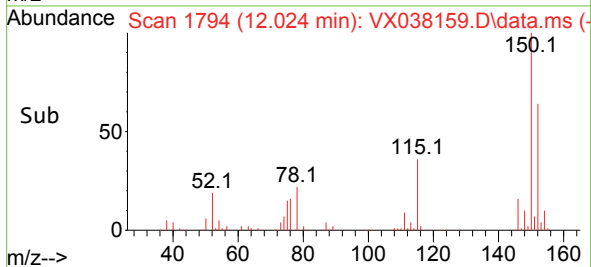
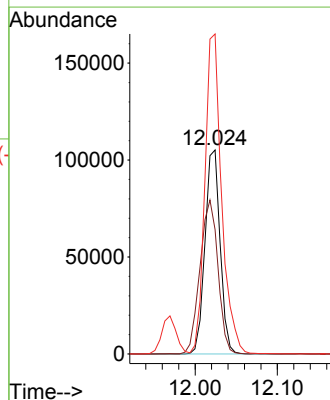
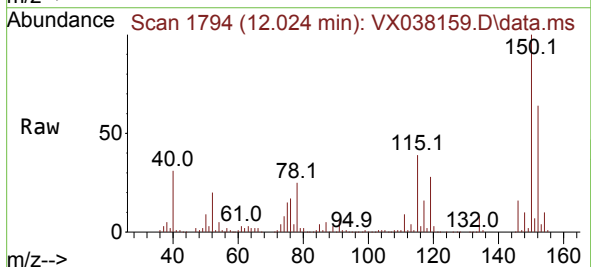
Tgt Ion:152 Resp: 134311

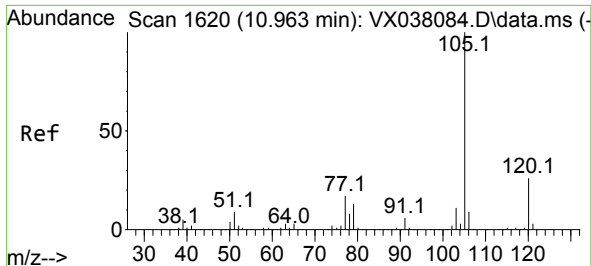
Ion Ratio Lower Upper

152 100

115 89.7 43.3 129.9

150 173.8 0.0 345.0

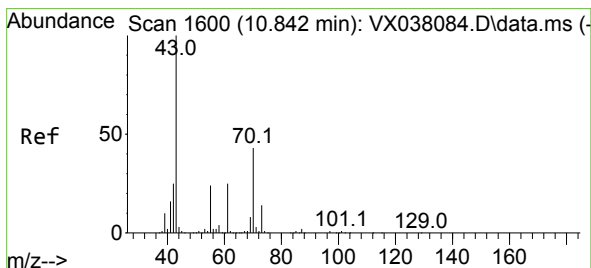
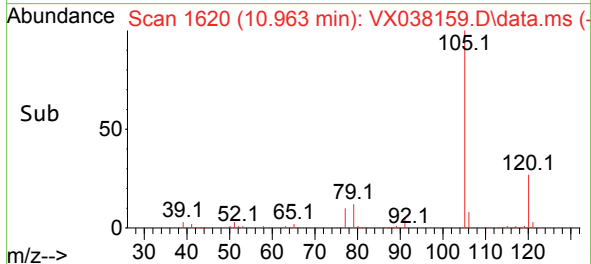
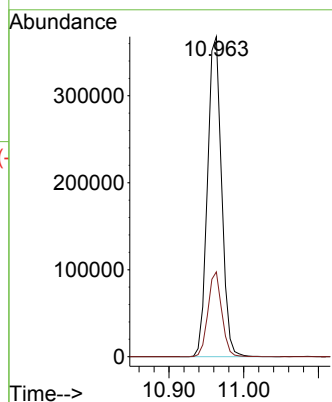
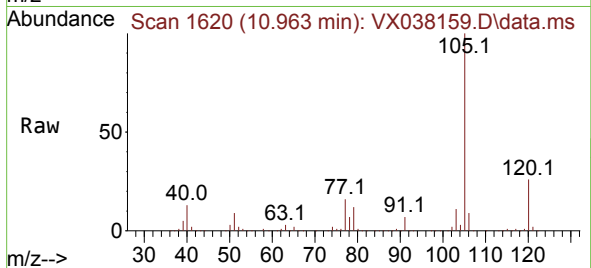




#73
Isopropylbenzene
Concen: 53.389 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

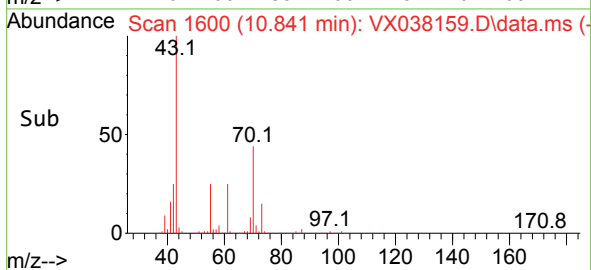
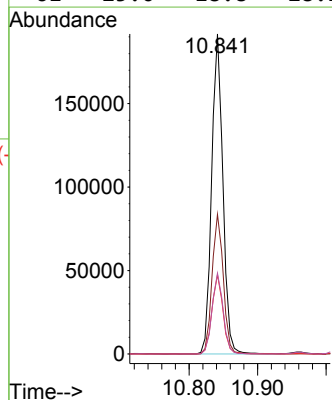
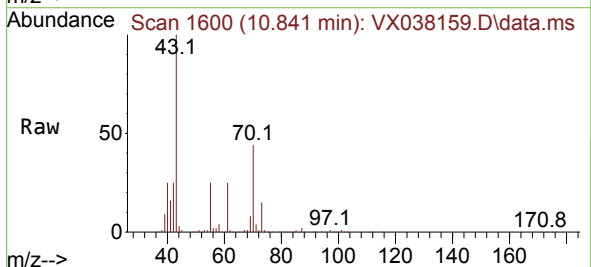
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

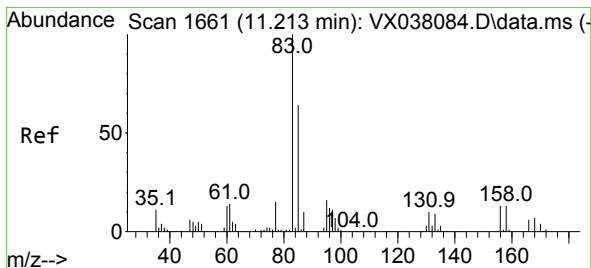
Tgt Ion:105 Resp: 480889
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6



#74
N-ethyl acetate
Concen: 56.754 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

Tgt Ion: 43 Resp: 218302
Ion Ratio Lower Upper
43 100
70 43.6 32.9 49.3
55 24.6 19.3 28.9
61 25.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 55.063 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

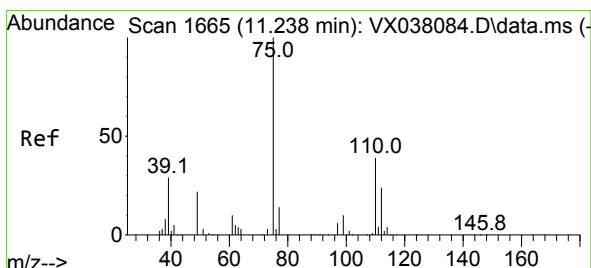
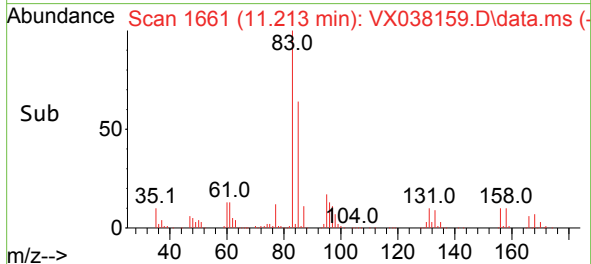
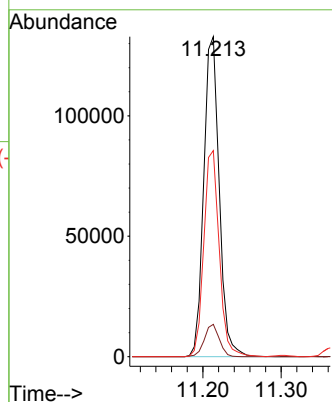
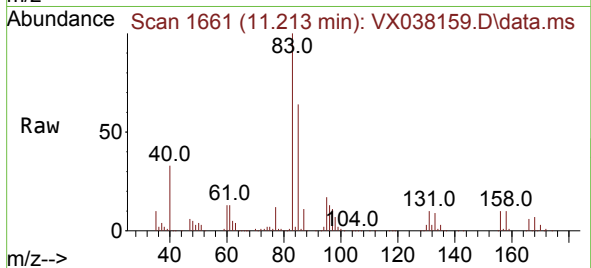
Tgt Ion: 83 Resp: 181993

Ion Ratio Lower Upper

83 100

131 9.7 5.3 15.8

85 64.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 67.130 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX038159.D

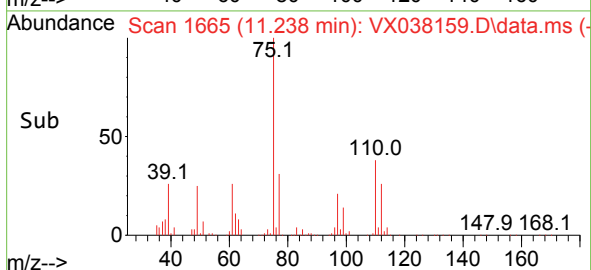
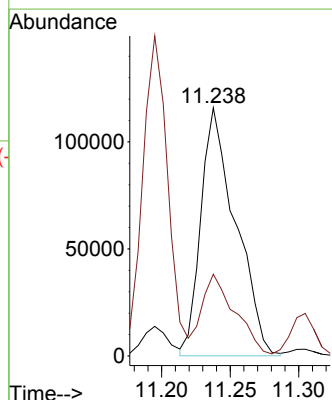
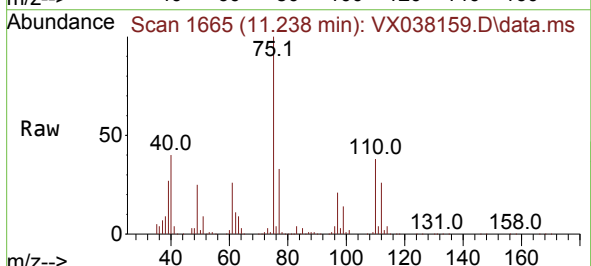
Acq: 09 Oct 2023 10:12

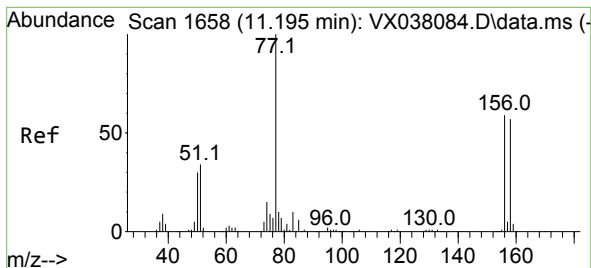
Tgt Ion: 75 Resp: 204974

Ion Ratio Lower Upper

75 100

77 31.8 19.1 57.5





#77

Bromobenzene

Concen: 52.853 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

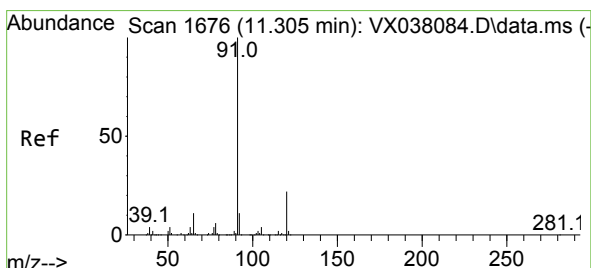
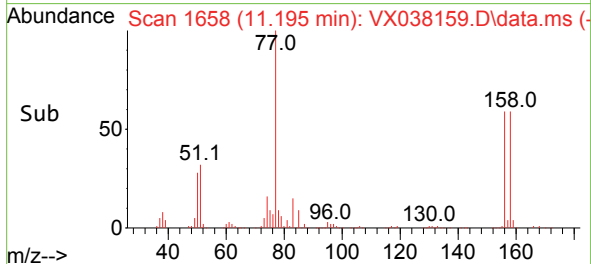
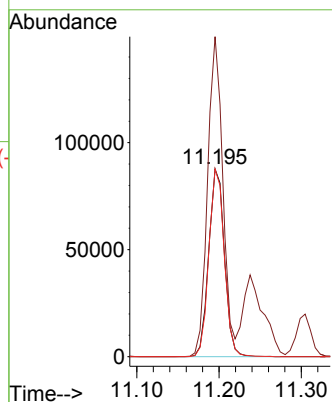
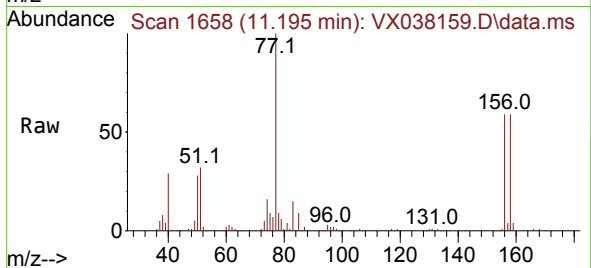
Tgt Ion:156 Resp: 116226

Ion Ratio Lower Upper

156 100

77 165.1 88.4 265.3

158 98.4 48.0 144.0



#78

n-propylbenzene

Concen: 53.696 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038159.D

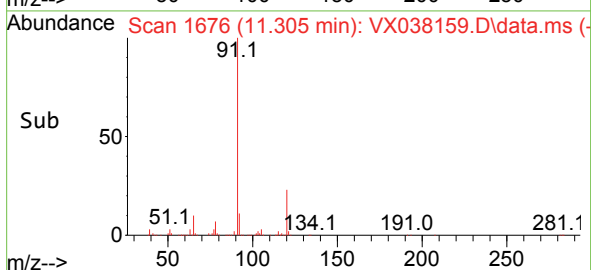
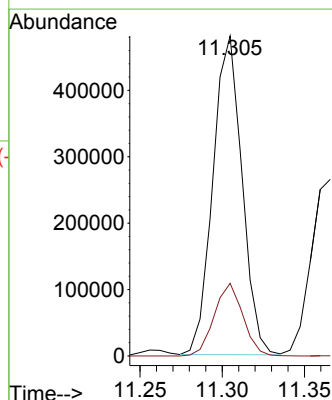
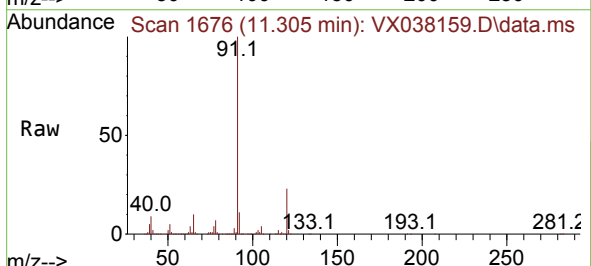
Acq: 09 Oct 2023 10:12

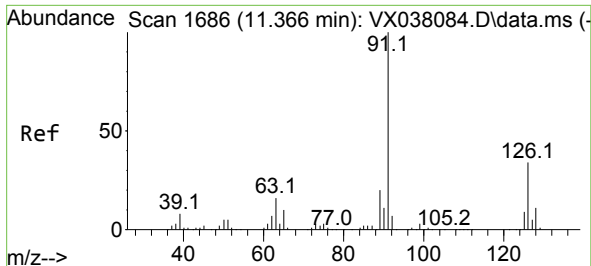
Tgt Ion: 91 Resp: 591392

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

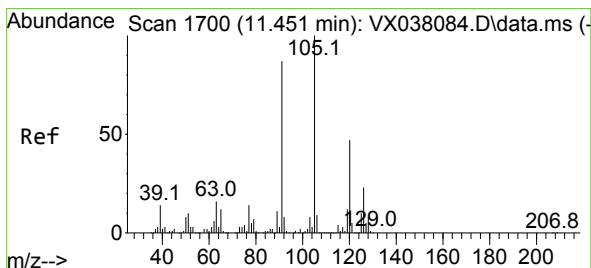
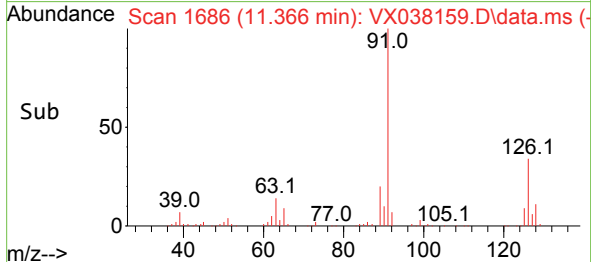
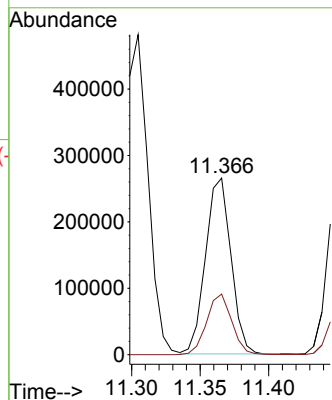
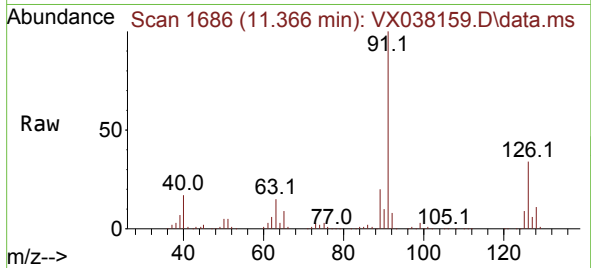




#79
2-Chlorotoluene
Concen: 52.369 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

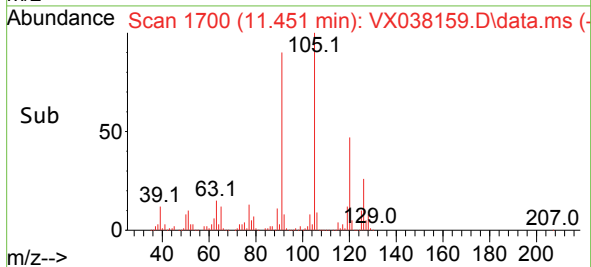
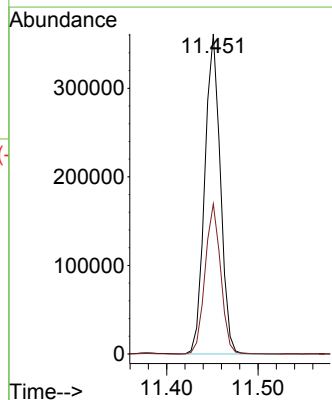
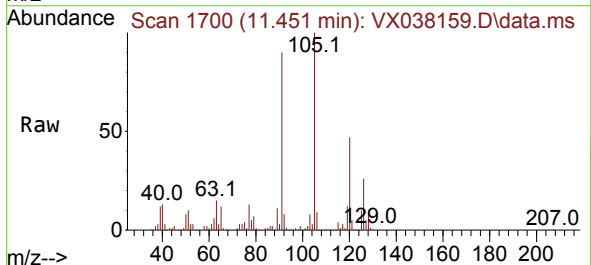
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

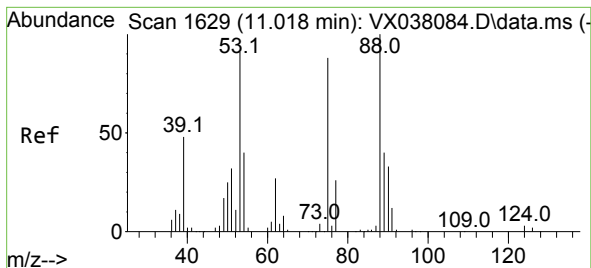
Tgt Ion: 91 Resp: 342059
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 54.809 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

Tgt Ion: 105 Resp: 425914
Ion Ratio Lower Upper
105 100
120 46.9 24.1 72.3

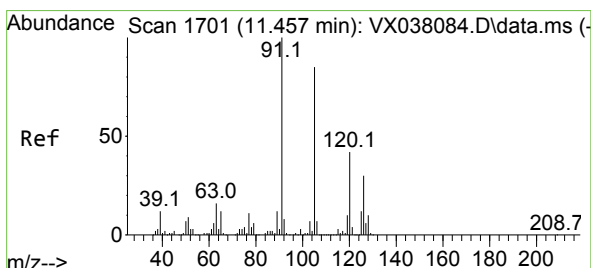
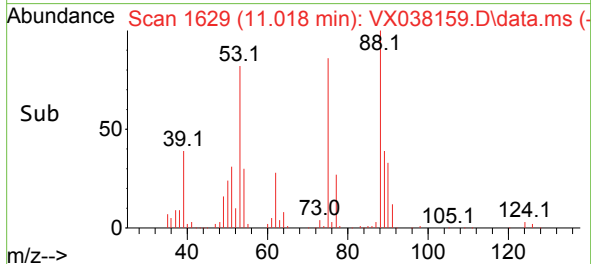
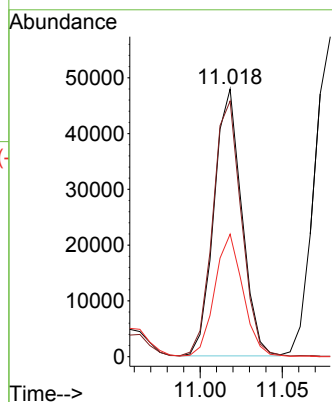
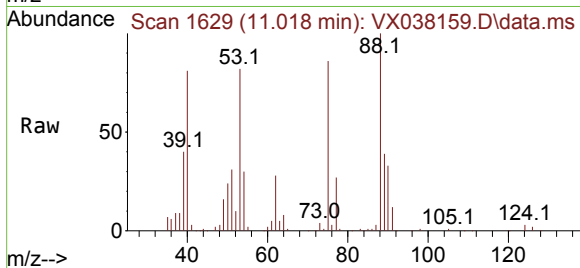




#81
trans-1,4-Dichloro-2-butene
Concen: 53.339 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

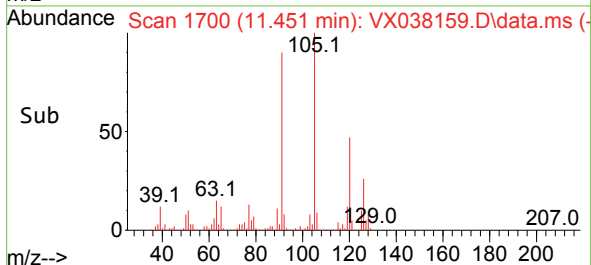
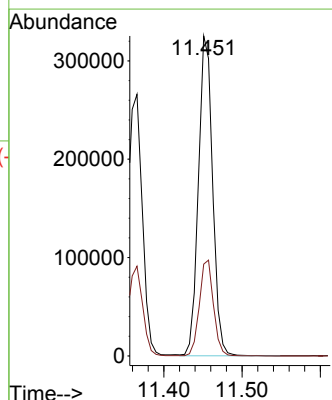
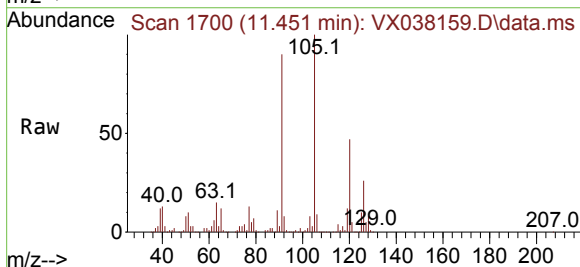
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

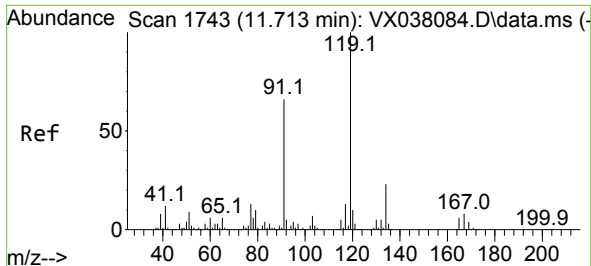
Tgt Ion: 75 Resp: 56083
Ion Ratio Lower Upper
75 100
53 99.4 90.5 135.7
89 47.0 36.9 55.3



#82
4-Chlorotoluene
Concen: 53.079 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

Tgt Ion: 91 Resp: 410252
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6

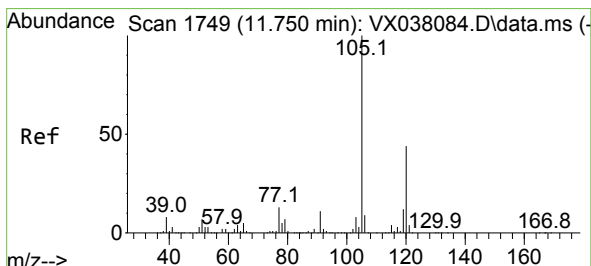
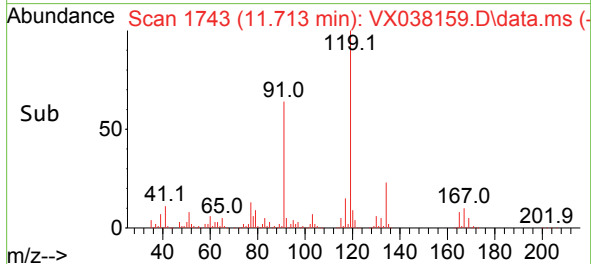
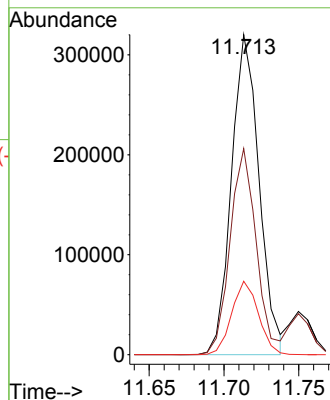
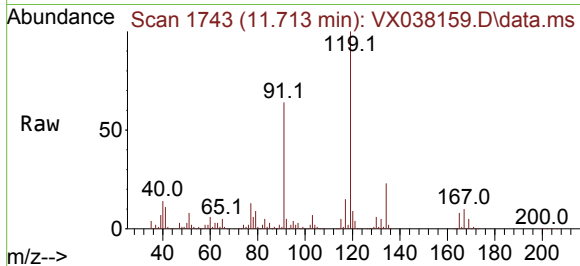




#83
tert-Butylbenzene
Concen: 54.208 ug/l
RT: 11.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

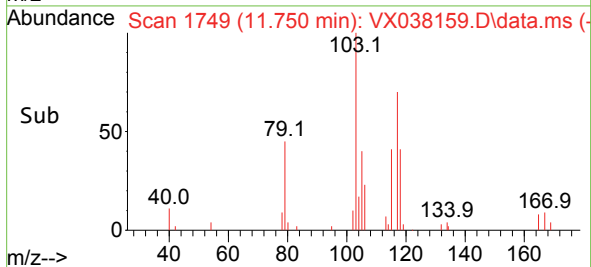
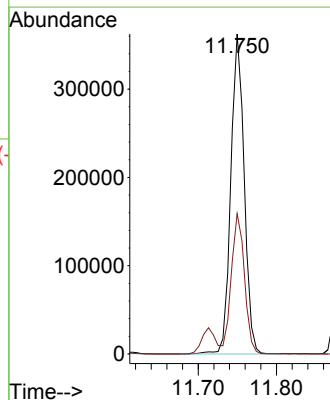
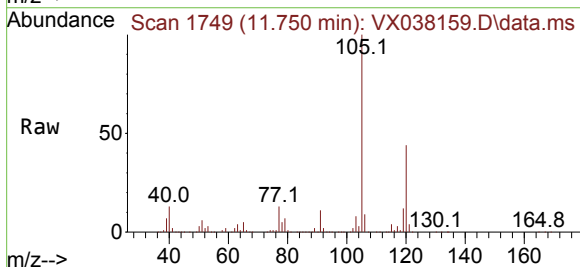
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

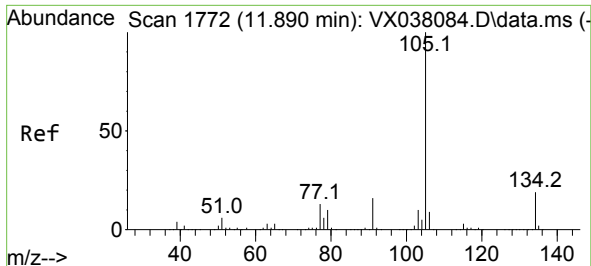
Tgt Ion:119 Resp: 411612
Ion Ratio Lower Upper
119 100
91 61.1 31.2 93.6
134 22.2 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 55.397 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038159.D
Acq: 09 Oct 2023 10:12

Tgt Ion:105 Resp: 429216
Ion Ratio Lower Upper
105 100
120 42.8 21.2 63.6

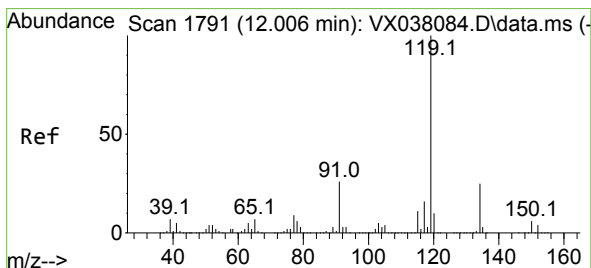
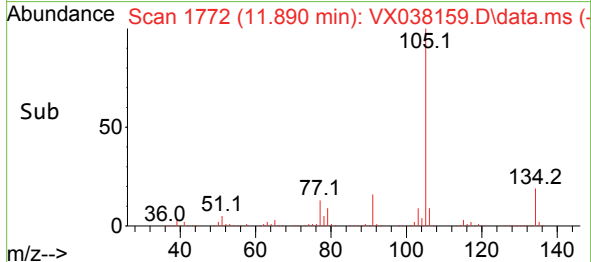
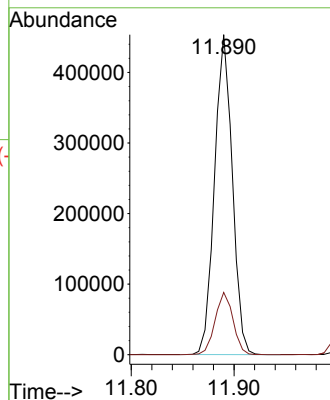
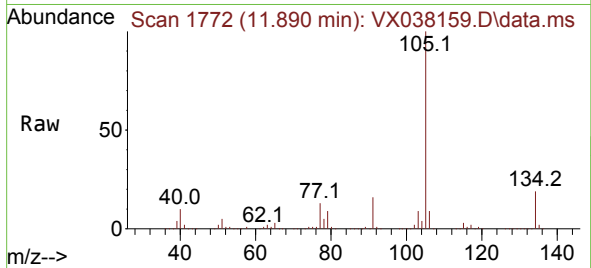




#85
 sec-Butylbenzene
 Concen: 55.219 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038159.D
 Acq: 09 Oct 2023 10:12

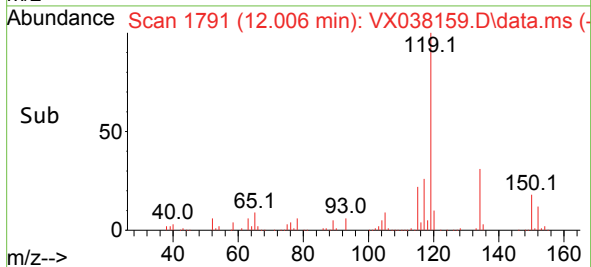
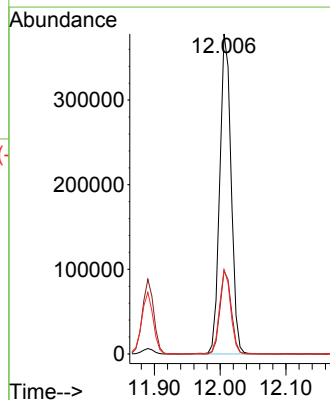
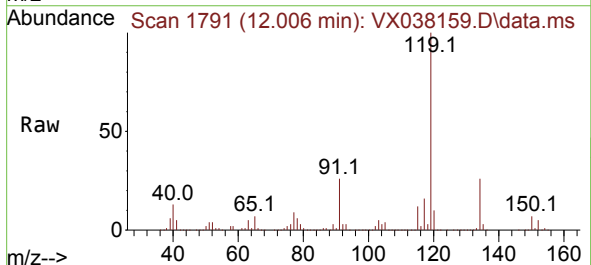
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

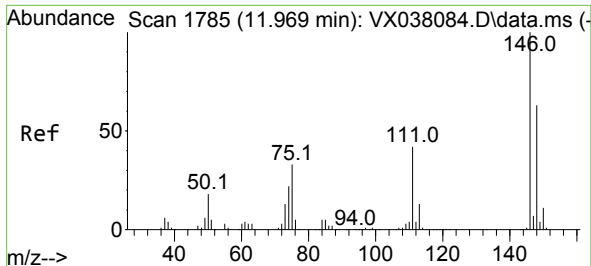
Tgt Ion:105 Resp: 543138
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 55.962 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038159.D
 Acq: 09 Oct 2023 10:12

Tgt Ion:119 Resp: 454145
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 25.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.664 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

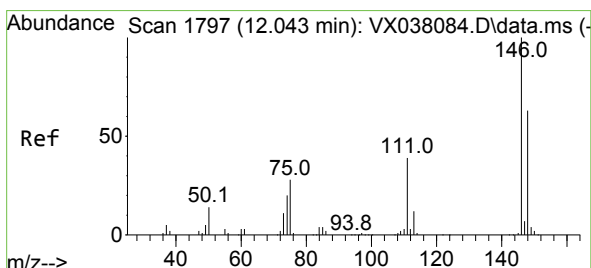
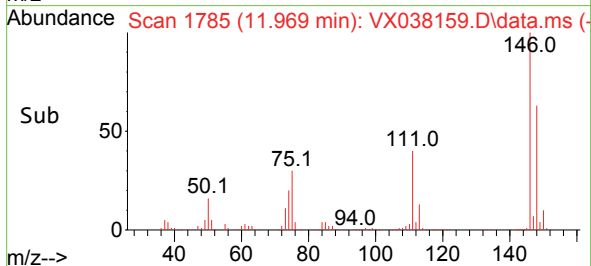
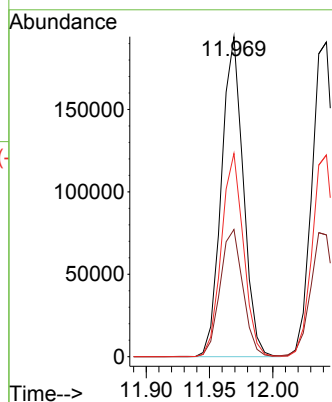
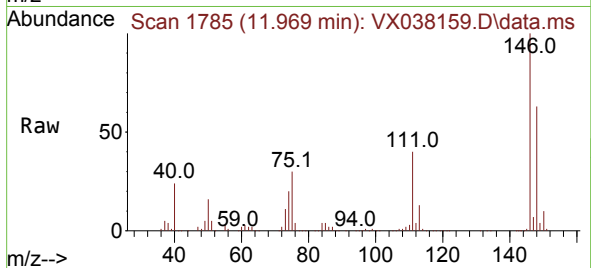
Tgt Ion:146 Resp: 232611

Ion Ratio Lower Upper

146 100

111 41.6 22.1 66.1

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 53.610 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

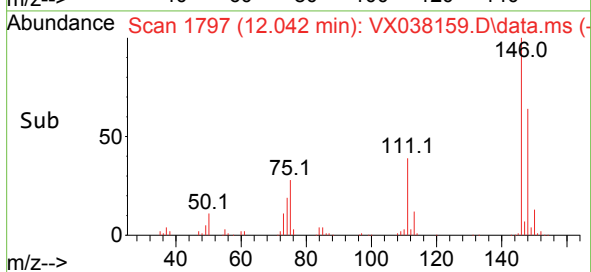
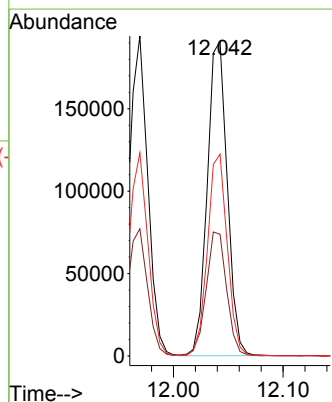
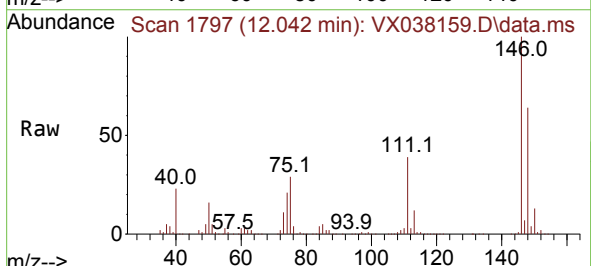
Tgt Ion:146 Resp: 241744

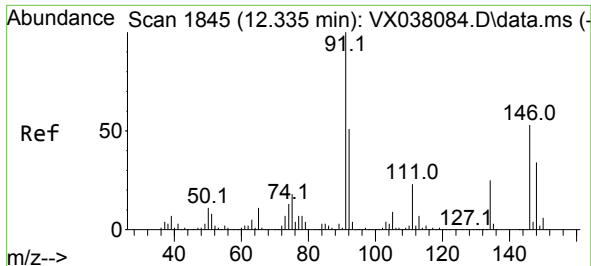
Ion Ratio Lower Upper

146 100

111 40.4 21.3 63.7

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 54.984 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

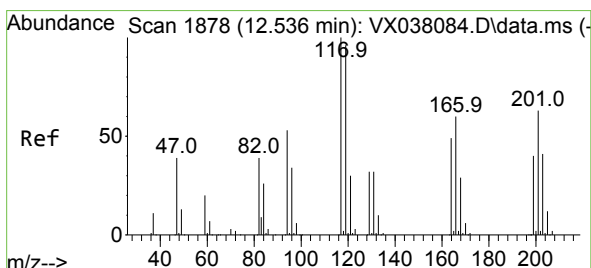
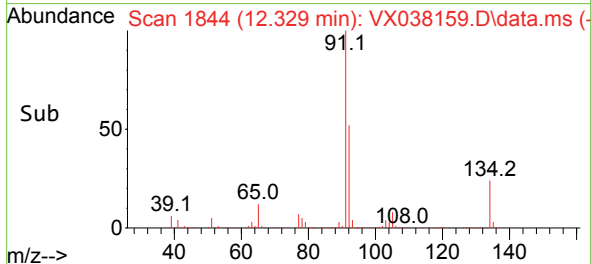
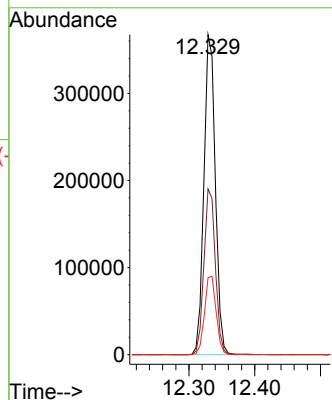
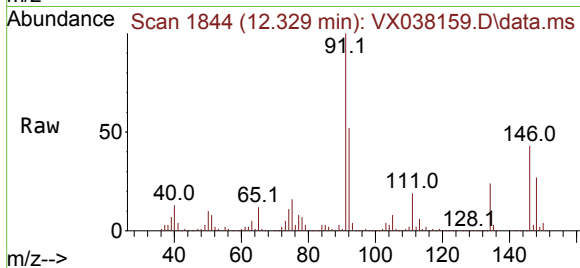
Tgt Ion: 91 Resp: 444390

Ion Ratio Lower Upper

91 100

92 52.0 27.4 82.0

134 24.9 12.6 37.8



#90

Hexachloroethane

Concen: 58.726 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038159.D

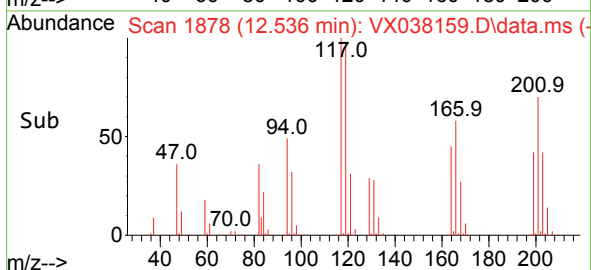
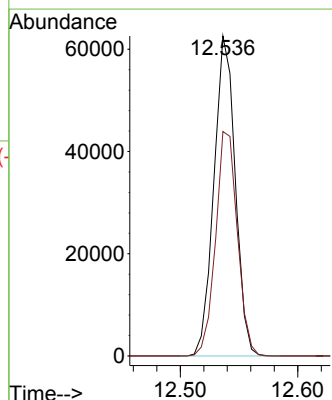
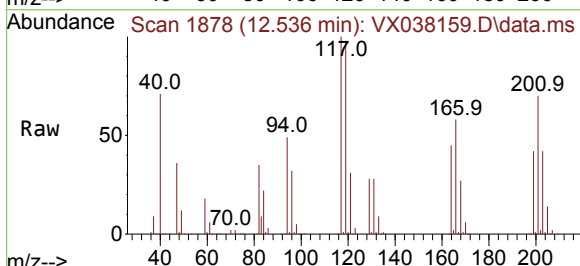
Acq: 09 Oct 2023 10:12

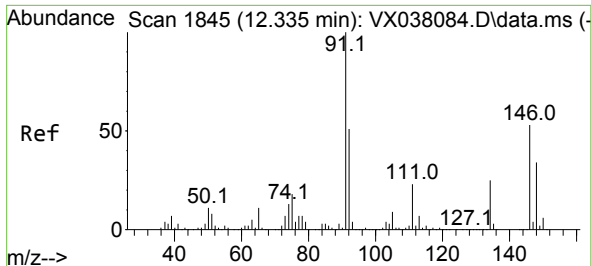
Tgt Ion: 117 Resp: 79017

Ion Ratio Lower Upper

117 100

201 71.6 32.9 98.6

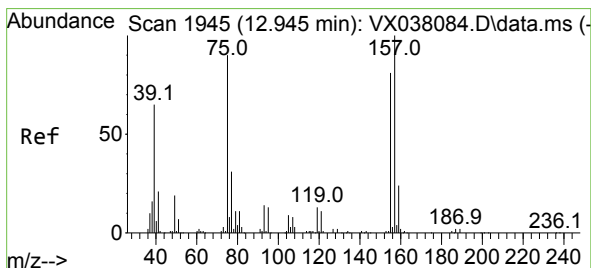
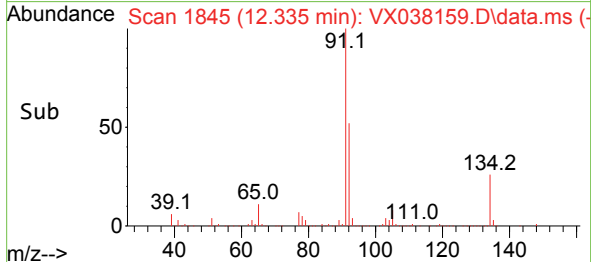
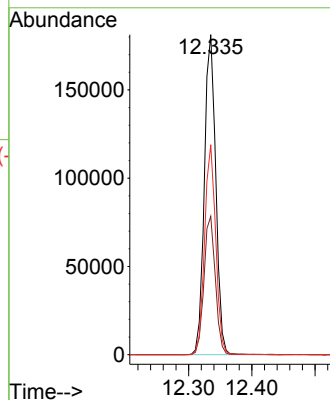
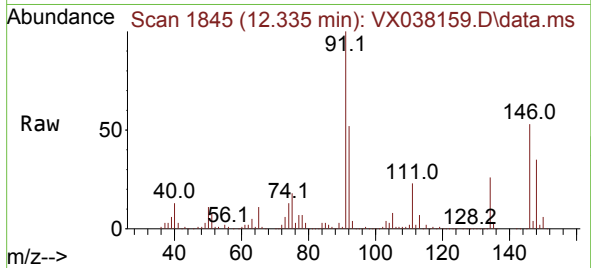




#91
 1,2-Dichlorobenzene
 Concen: 53.658 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX038159.D
 Acq: 09 Oct 2023 10:12

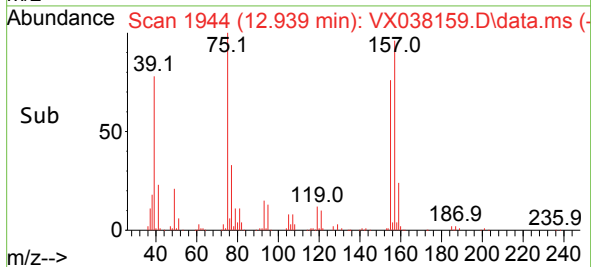
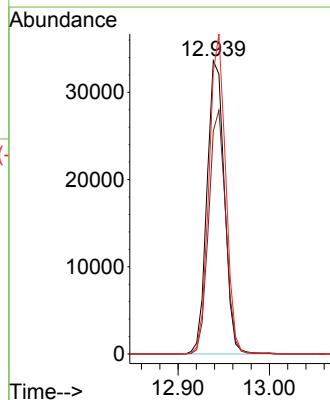
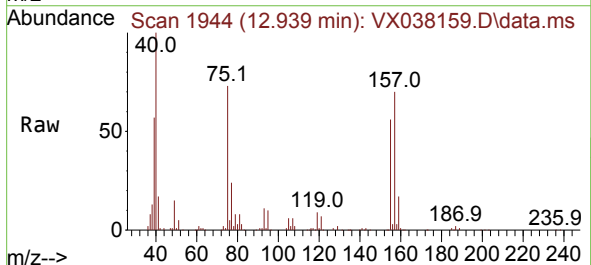
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

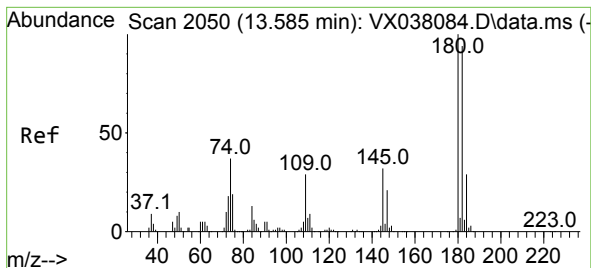
Tgt Ion:146 Resp: 227813
 Ion Ratio Lower Upper
 146 100
 111 43.3 22.4 67.0
 148 64.2 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.463 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.006 min
 Lab File: VX038159.D
 Acq: 09 Oct 2023 10:12

Tgt Ion: 75 Resp: 44322
 Ion Ratio Lower Upper
 75 100
 155 81.1 36.1 108.5
 157 104.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.030 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

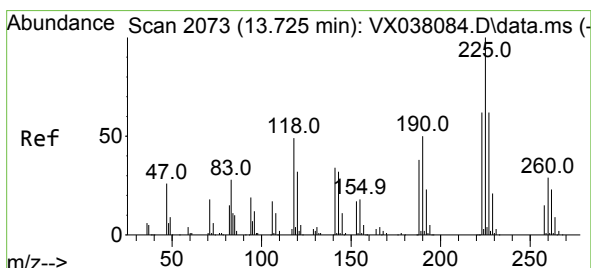
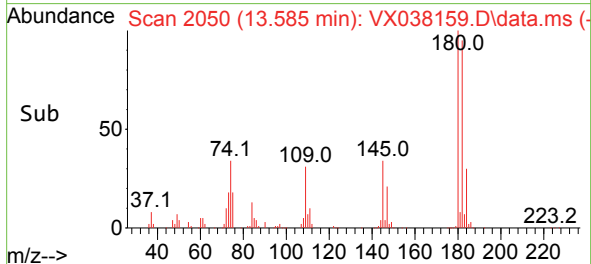
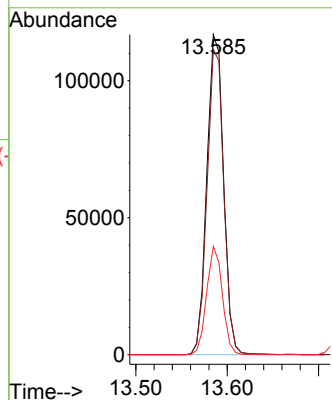
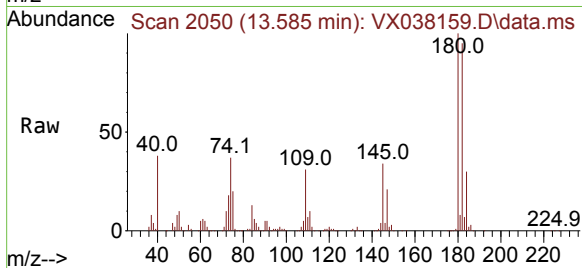
Tgt Ion:180 Resp: 148163

Ion Ratio Lower Upper

180 100

182 95.1 48.3 144.8

145 31.9 18.0 54.0



#94

Hexachlorobutadiene

Concen: 54.184 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

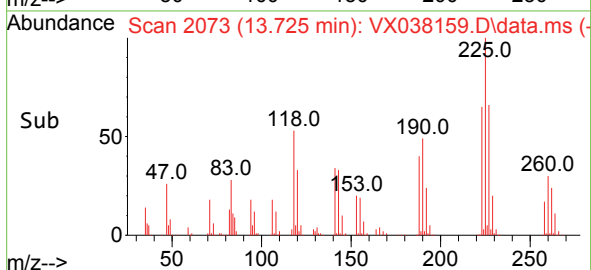
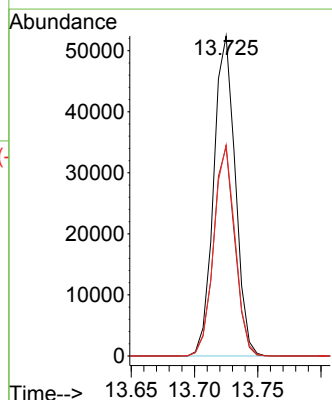
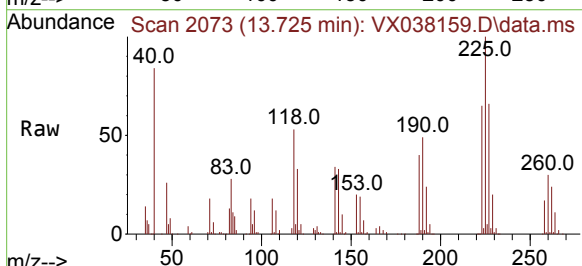
Tgt Ion:225 Resp: 62102

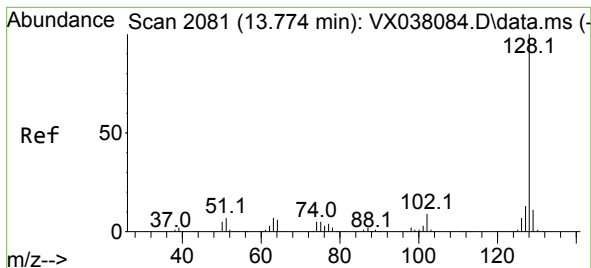
Ion Ratio Lower Upper

225 100

223 64.3 31.1 93.2

227 65.1 32.5 97.5





#95

Naphthalene

Concen: 52.654 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

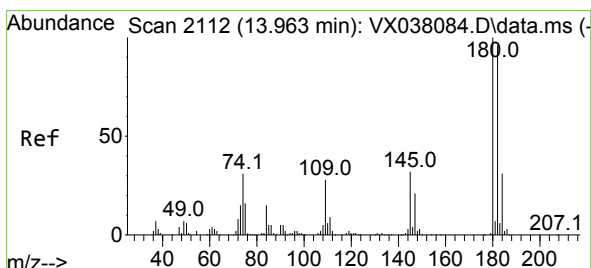
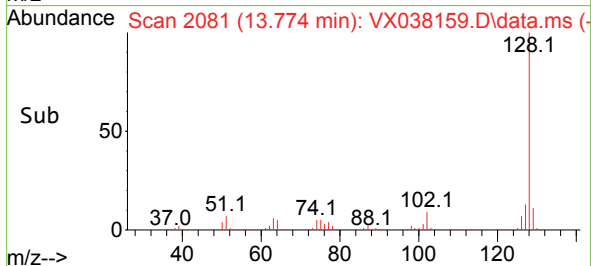
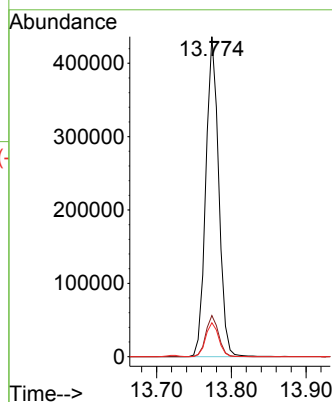
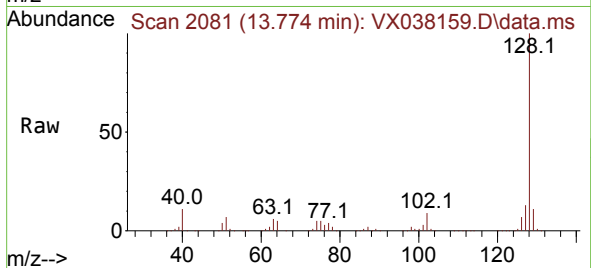
Tgt Ion:128 Resp: 522156

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 52.721 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038159.D

Acq: 09 Oct 2023 10:12

Tgt Ion:180 Resp: 145367

Ion Ratio Lower Upper

180 100

182 94.4 46.9 140.6

145 33.5 17.8 53.5

