

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038417.D
 Acq On : 20 Oct 2023 20:54
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Oct 21 01:52:28 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	5.556	168	132766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226032	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129170	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100714	47.163	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.320%
35) Dibromofluoromethane	5.385	113	84639	51.967	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.940%
50) Toluene-d8	8.647	98	304849	48.982	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.960%
62) 4-Bromofluorobenzene	11.079	95	122293	51.831	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	72733	56.755	ug/l	97
3) Chloromethane	1.295	50	66599	50.988	ug/l	99
4) Vinyl Chloride	1.374	62	79183	54.677	ug/l	99
5) Bromomethane	1.593	94	88413	46.423	ug/l	99
6) Chloroethane	1.685	64	55270	51.988	ug/l	99
7) Trichlorofluoromethane	1.886	101	154459	53.997	ug/l	100
8) Diethyl Ether	2.130	74	54159	50.766	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.331	101	74158	59.385	ug/l	98
10) Methyl Iodide	2.453	142	94611	52.657	ug/l	95
11) Tert butyl alcohol	2.959	59	109687	231.883	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	69155	56.932	ug/l	86
13) Acrolein	2.233	56	86363	284.484	ug/l	98
14) Allyl chloride	2.666	41	109346	50.328	ug/l	93
15) Acrylonitrile	3.063	53	262064	269.668	ug/l	99
16) Acetone	2.380	43	238430	267.529	ug/l	93
17) Carbon Disulfide	2.514	76	161414	46.105	ug/l	97
18) Methyl Acetate	2.703	43	220096	57.588	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	256821	53.087	ug/l	97
20) Methylene Chloride	2.788	84	85071	50.747	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	80513	53.533	ug/l	89
22) Diisopropyl ether	3.758	45	237922	52.249	ug/l #	94
23) Vinyl Acetate	3.721	43	860710	257.746	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	142976	51.737	ug/l	97
25) 2-Butanone	4.556	43	378474	263.199	ug/l	91
26) 2,2-Dichloropropane	4.477	77	101928	47.242	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	96804	54.044	ug/l	89
28) Bromochloromethane	4.904	49	62086	49.768	ug/l #	82
29) Tetrahydrofuran	5.001	42	242766	259.306	ug/l #	87
30) Chloroform	5.093	83	166819	55.202	ug/l	98
31) Cyclohexane	5.471	56	117718	50.880	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	140600	54.320	ug/l	99
36) 1,1-Dichloropropene	5.690	75	115165	51.277	ug/l	97
37) Ethyl Acetate	4.709	43	138194	51.809	ug/l	97
38) Carbon Tetrachloride	5.684	117	120723	54.640	ug/l	97
39) Methylcyclohexane	7.379	83	137881	52.412	ug/l	92
40) Benzene	6.038	78	338651	53.910	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	72646	54.748	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	131438	52.370	ug/l	98
43) Isopropyl Acetate	6.342	43	208190	52.283	ug/l	97
44) Trichloroethene	7.123	130	92826	56.497	ug/l	99
45) 1,2-Dichloropropane	7.434	63	87178	53.620	ug/l	97
46) Dibromomethane	7.580	93	69207	54.883	ug/l	96
47) Bromodichloromethane	7.818	83	128467	57.268	ug/l	99
48) Methyl methacrylate	7.690	41	101815	53.561	ug/l #	84
49) 1,4-Dioxane	7.659	88	41207	879.687	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	756585	275.464	ug/l	97
52) Toluene	8.720	92	222706	54.425	ug/l	91
53) t-1,3-Dichloropropene	8.976	75	131862	54.762	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	138134	54.602	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	98870	56.488	ug/l	95
56) Ethyl methacrylate	9.116	69	145536	54.233	ug/l	92
57) 1,3-Dichloropropane	9.305	76	155988	55.103	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	327327	248.493	ug/l	98
59) 2-Hexanone	9.427	43	612034	277.183	ug/l	95
60) Dibromochloromethane	9.519	129	103751	60.567	ug/l	98
61) 1,2-Dibromoethane	9.610	107	109139	57.662	ug/l	99
64) Tetrachloroethene	9.275	164	83805	56.288	ug/l	97
65) Chlorobenzene	10.080	112	252165	52.397	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	93312	57.339	ug/l	100
67) Ethyl Benzene	10.195	91	448979	52.266	ug/l	100
68) m/p-Xylenes	10.299	106	347152	104.514	ug/l	98
69) o-Xylene	10.640	106	170901	52.717	ug/l	99
70) Styrene	10.653	104	293059	55.510	ug/l	96
71) Bromoform	10.799	173	76927	50.901	ug/l #	99
73) Isopropylbenzene	10.964	105	454057	52.416	ug/l	99
74) N-amyl acetate	10.842	43	190333	51.452	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	170256	53.562	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	181564	61.830	ug/l	91
77) Bromobenzene	11.195	156	113232	53.540	ug/l	89
78) n-propylbenzene	11.305	91	541473	51.121	ug/l	100
79) 2-Chlorotoluene	11.366	91	314627	50.087	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	387962	51.912	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	43762	44.038	ug/l	96
82) 4-Chlorotoluene	11.457	91	372093	50.058	ug/l	96
83) tert-Butylbenzene	11.713	119	387445	53.056	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	386992	51.935	ug/l	97
85) sec-Butylbenzene	11.890	105	495325	52.362	ug/l	99
86) p-Isopropyltoluene	12.006	119	411446	52.718	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	219502	51.674	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	221278	51.024	ug/l	98
89) n-Butylbenzene	12.335	91	388185	49.942	ug/l	97
90) Hexachloroethane	12.536	117	68652	53.053	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	217010	53.148	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39020	50.772	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	139904	51.085	ug/l	98
94) Hexachlorobutadiene	13.725	225	58505	53.077	ug/l	99
95) Naphthalene	13.774	128	485678	50.925	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	138544	52.247	ug/l	98

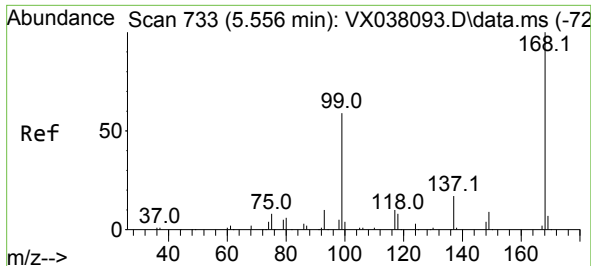
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Response via : Initial Calibration

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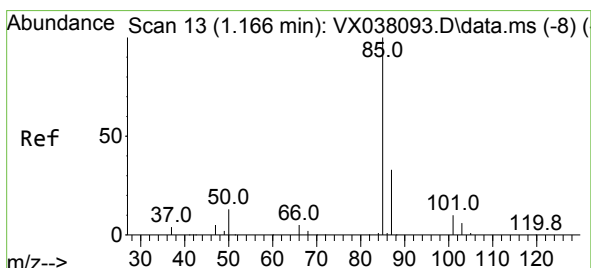
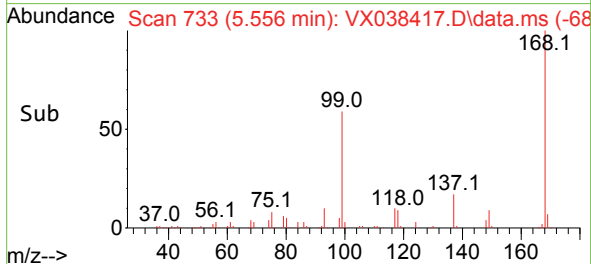
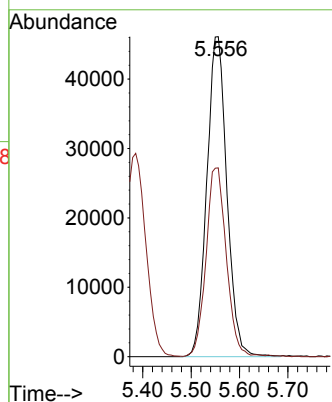
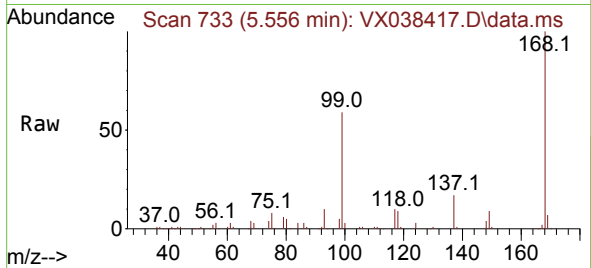
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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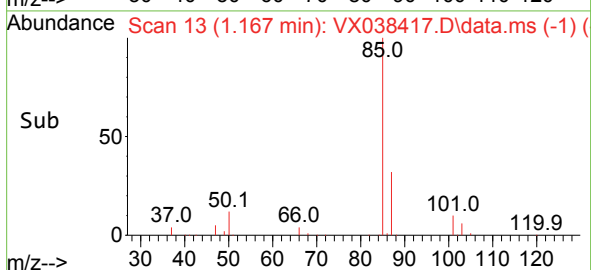
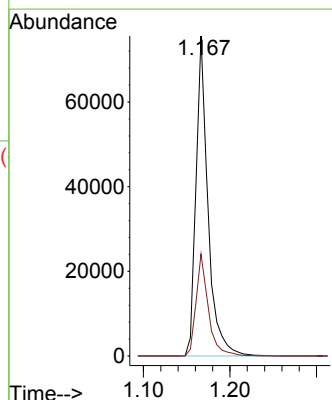
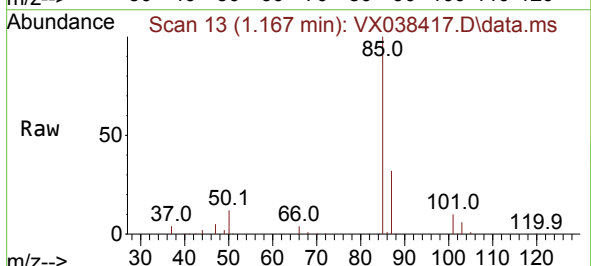
Instrument :
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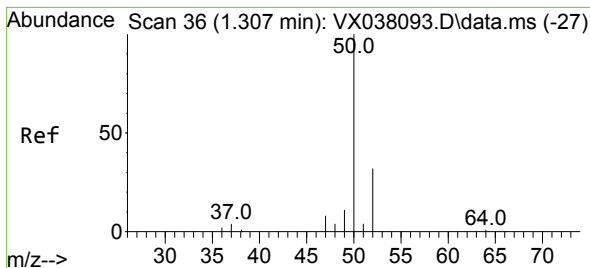
Tgt Ion:168 Resp: 132766
Ion Ratio Lower Upper
168 100
99 58.8 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 56.755 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 85 Resp: 72733
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





#3

Chloromethane

Concen: 50.988 ug/l

RT: 1.295 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX038417.D

Acq: 20 Oct 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

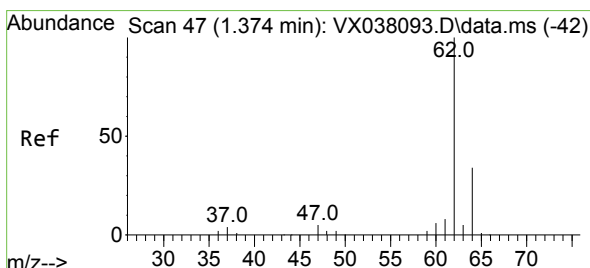
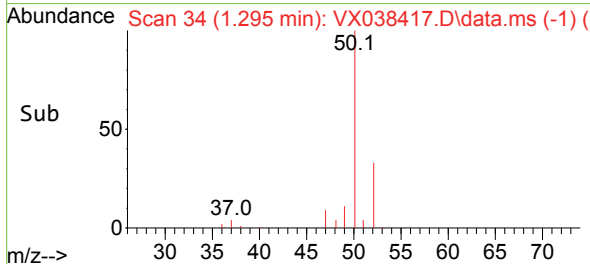
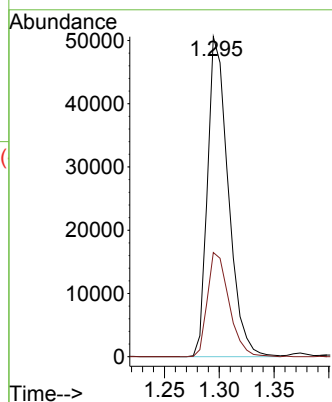
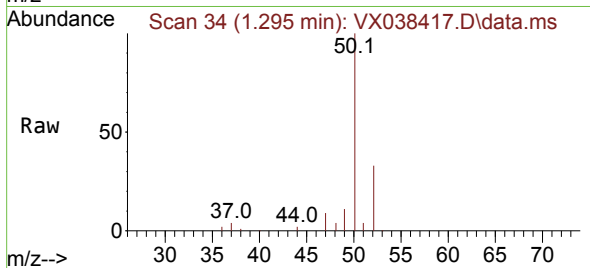
VSTDCCC050EC

Tgt Ion: 50 Resp: 66599

Ion Ratio Lower Upper

50 100

52 32.5 25.5 38.3



#4

Vinyl Chloride

Concen: 54.677 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038417.D

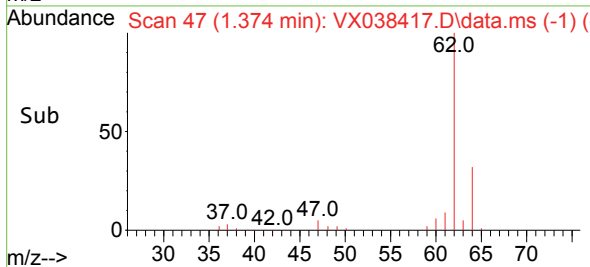
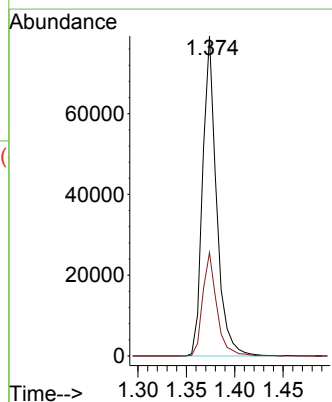
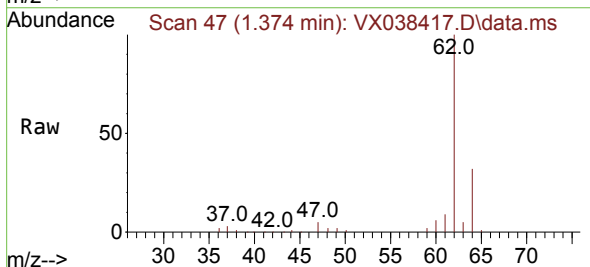
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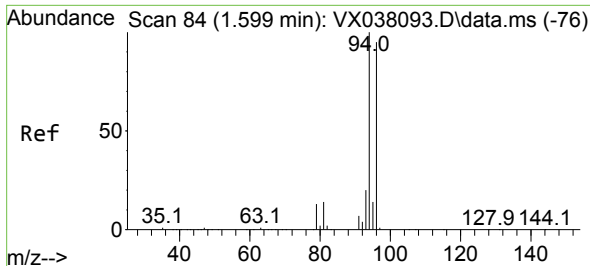
Tgt Ion: 62 Resp: 79183

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0

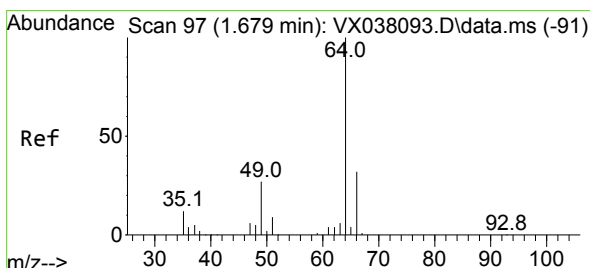
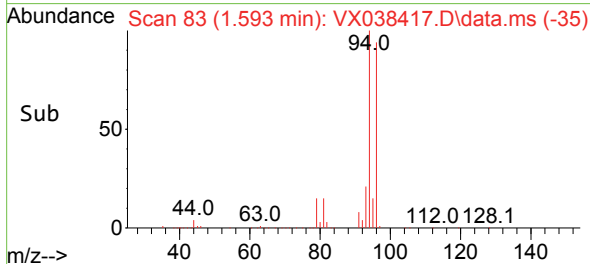
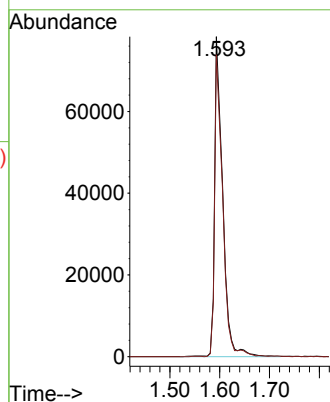
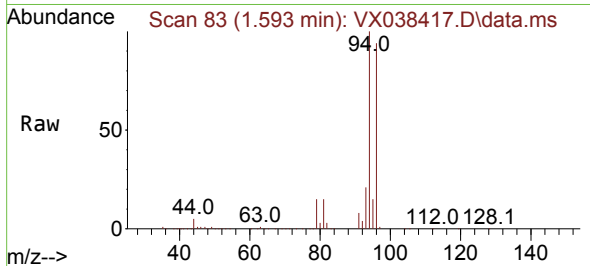




#5
Bromomethane
Concen: 46.423 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

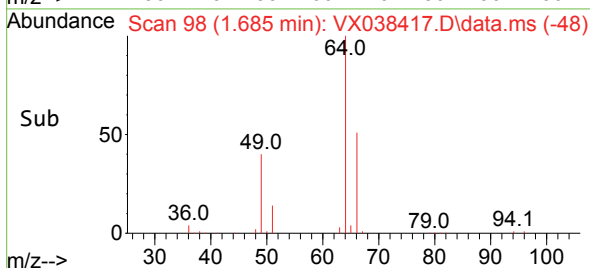
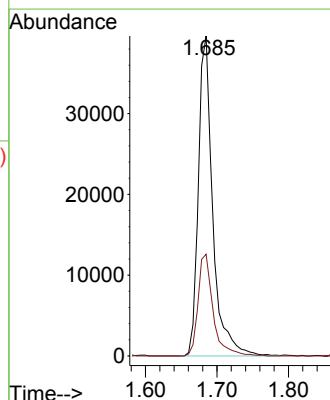
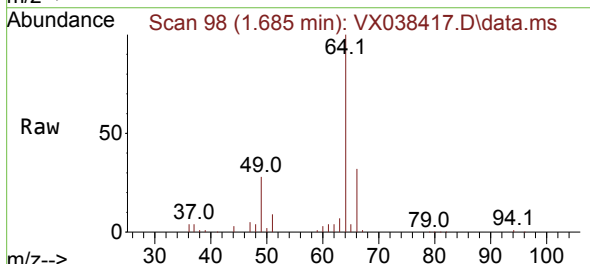
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

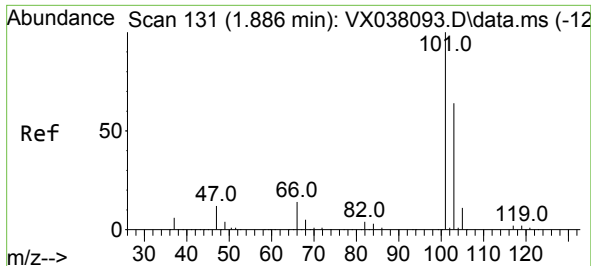
Tgt Ion: 94 Resp: 88413
Ion Ratio Lower Upper
94 100
96 94.4 74.6 111.8



#6
Chloroethane
Concen: 51.988 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 64 Resp: 55270
Ion Ratio Lower Upper
64 100
66 31.8 25.1 37.7

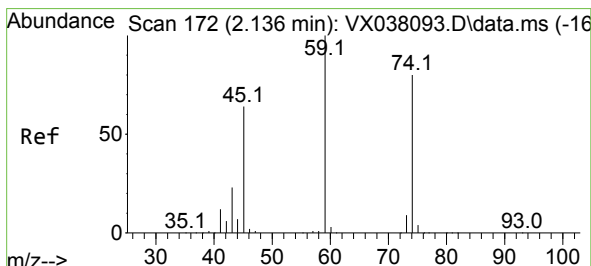
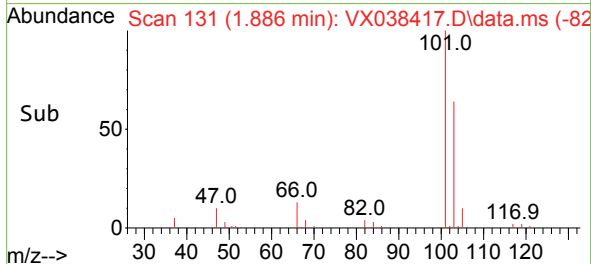
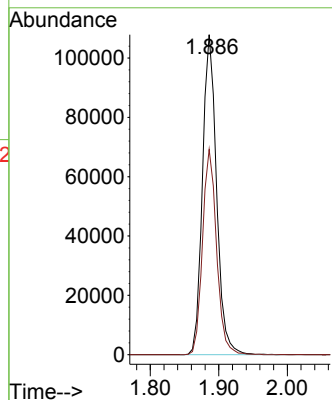
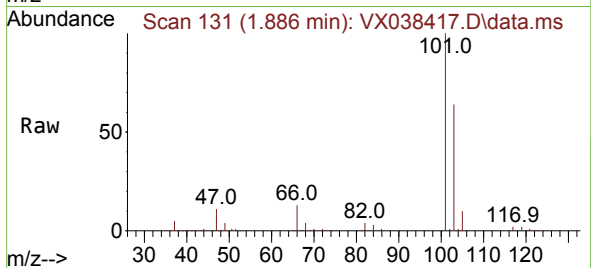




#7
Trichlorofluoromethane
Concen: 53.997 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

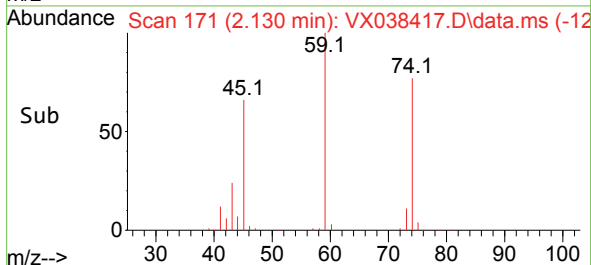
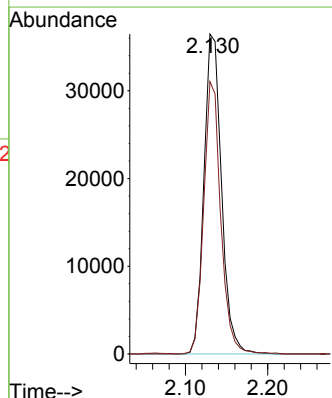
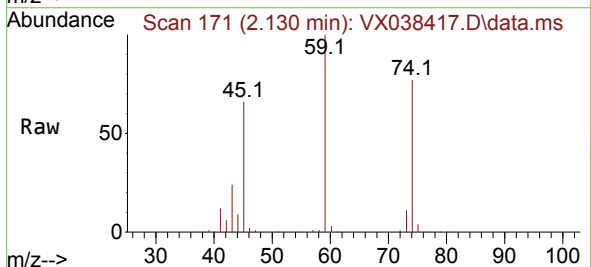
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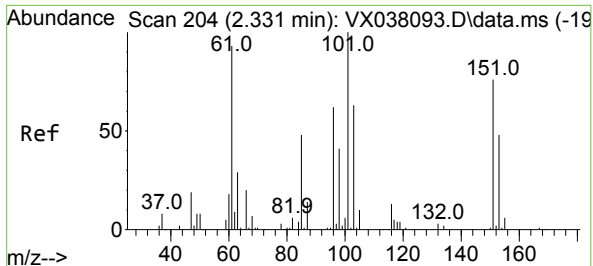
Tgt Ion:101 Resp: 154459
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2



#8
Diethyl Ether
Concen: 50.766 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 74 Resp: 54159
Ion Ratio Lower Upper
74 100
45 82.7 53.3 159.8

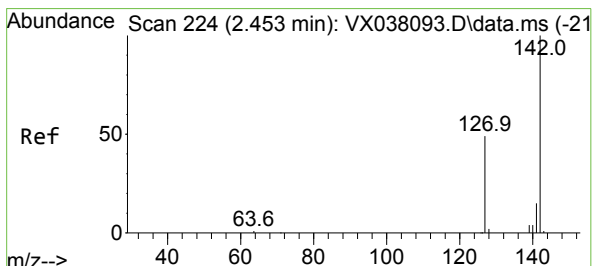
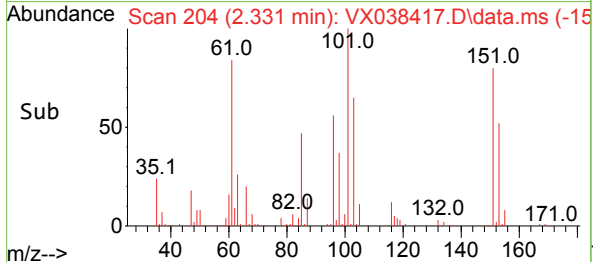
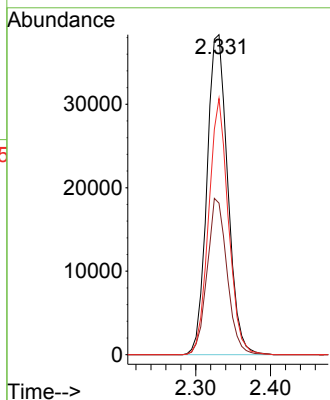
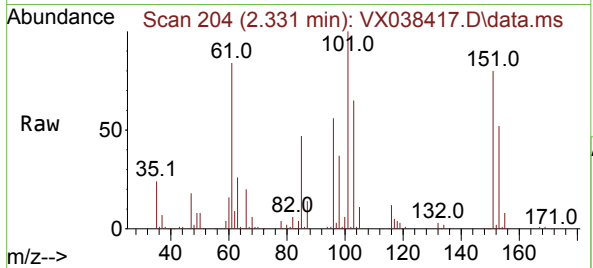




#9
1,1,2-Trichlorotrifluoroethane
Concen: 59.385 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038417.D
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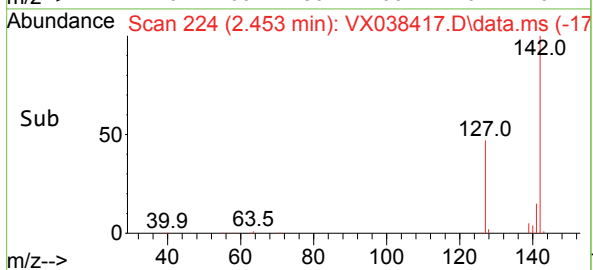
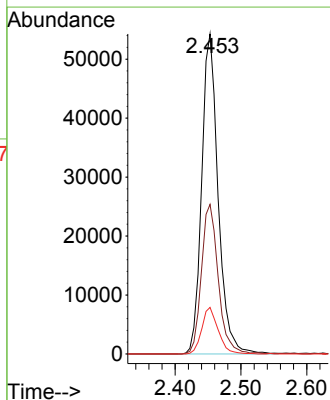
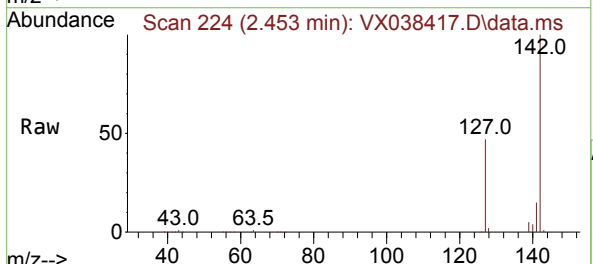
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ClientSampleId :
VSTDCCC050EC

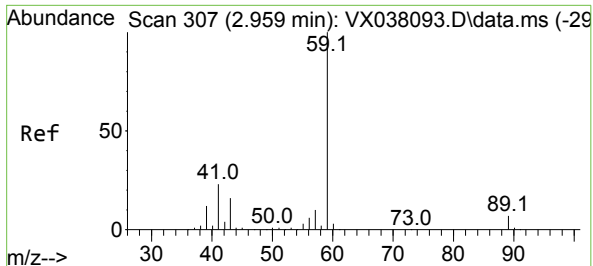
Tgt Ion:101 Resp: 74158
Ion Ratio Lower Upper
101 100
85 46.9 37.0 55.6
151 75.8 58.6 87.8



#10
Methyl Iodide
Concen: 52.657 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion:142 Resp: 94611
Ion Ratio Lower Upper
142 100
127 47.8 41.6 62.4
141 14.5 11.6 17.4

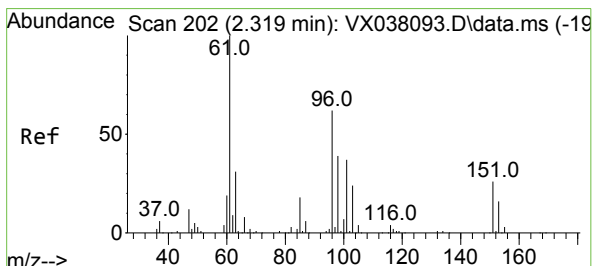
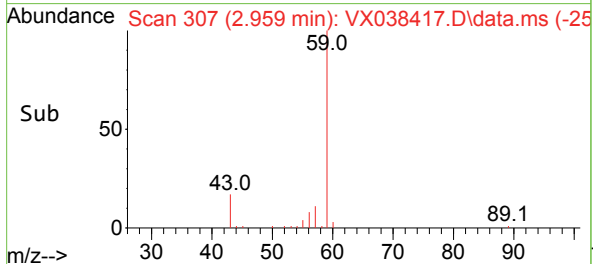
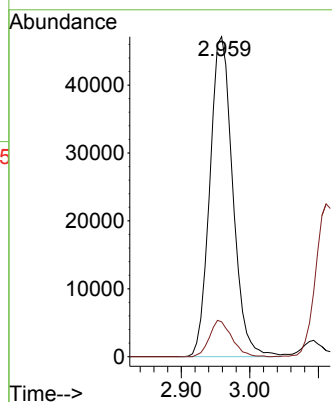
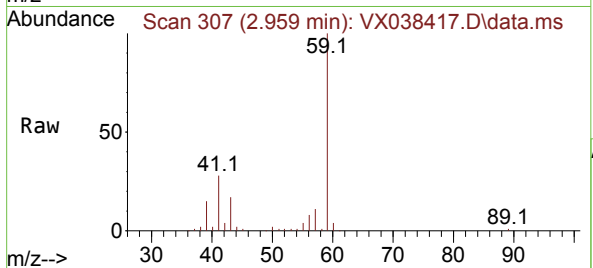




#11
Tert butyl alcohol
Concen: 231.883 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

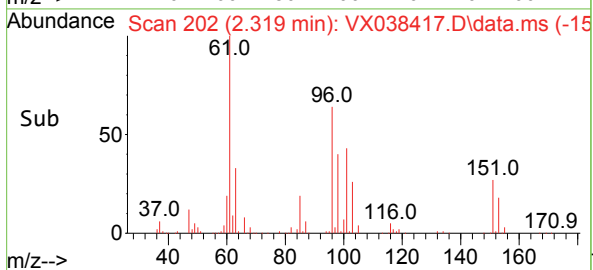
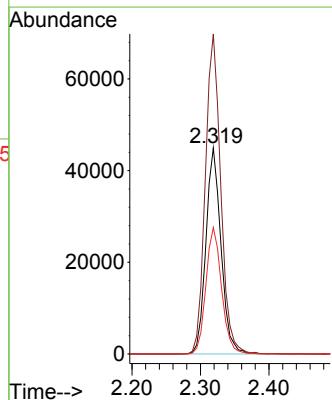
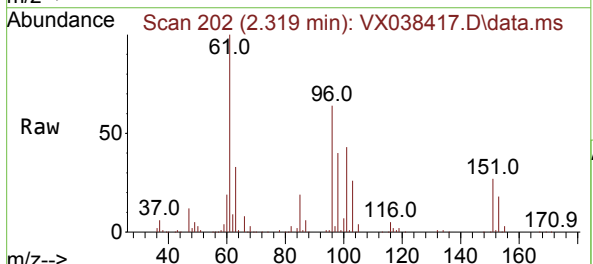
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

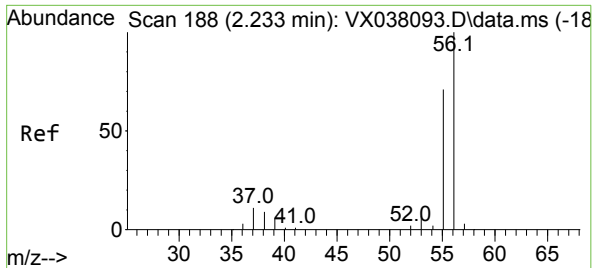
Tgt Ion: 59 Resp: 109687
Ion Ratio Lower Upper
59 100
57 11.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 56.932 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 96 Resp: 69155
Ion Ratio Lower Upper
96 100
61 155.3 144.6 216.8
98 61.4 50.4 75.6

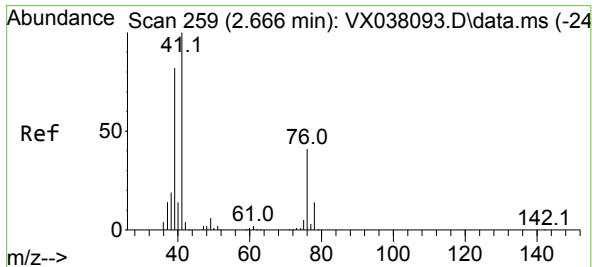
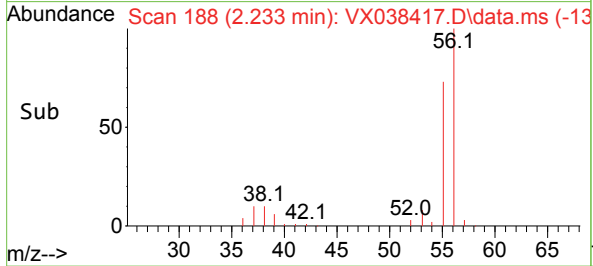
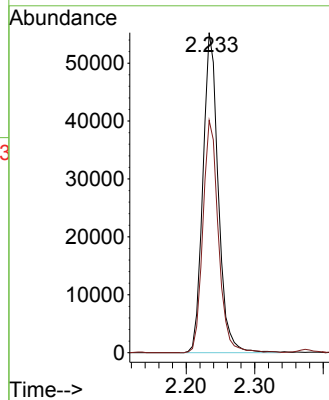
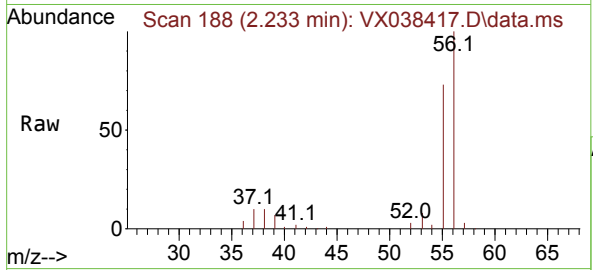




#13
 Acrolein
 Concen: 284.484 ug/l
 RT: 2.233 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VX038417.D
 Acq: 20 Oct 2023 20:54

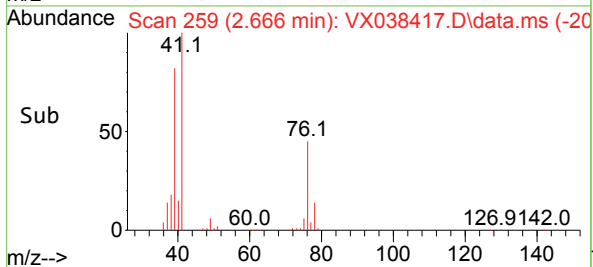
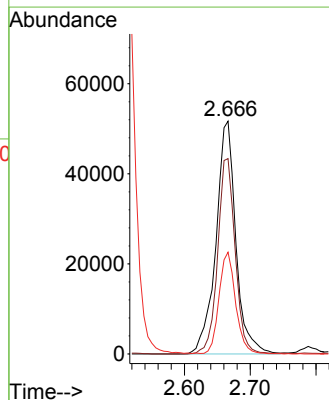
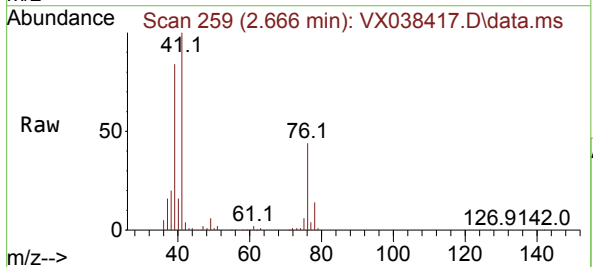
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

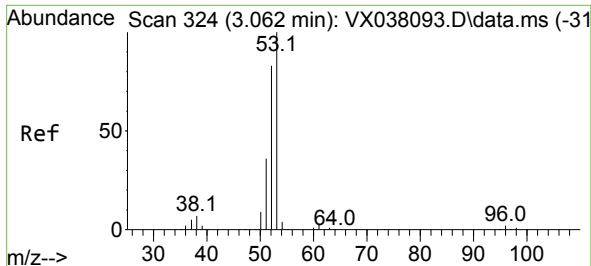
Tgt Ion: 56 Resp: 86363
 Ion Ratio Lower Upper
 56 100
 55 73.4 57.1 85.7



#14
 Allyl chloride
 Concen: 50.328 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.006 min
 Lab File: VX038417.D
 Acq: 20 Oct 2023 20:54

Tgt Ion: 41 Resp: 109346
 Ion Ratio Lower Upper
 41 100
 39 73.7 55.8 83.6
 76 36.3 24.3 36.5

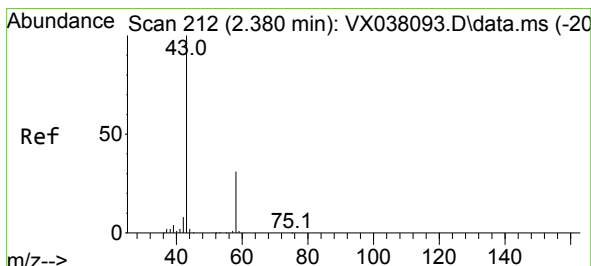
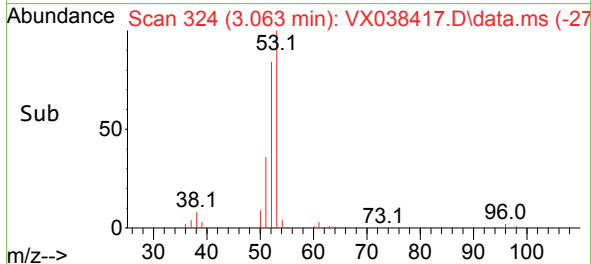
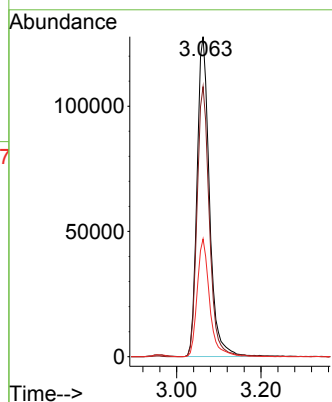
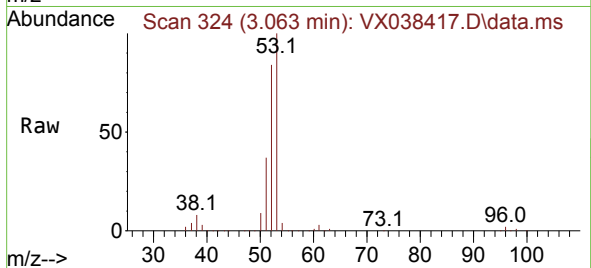




#15
Acrylonitrile
Concen: 269.668 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

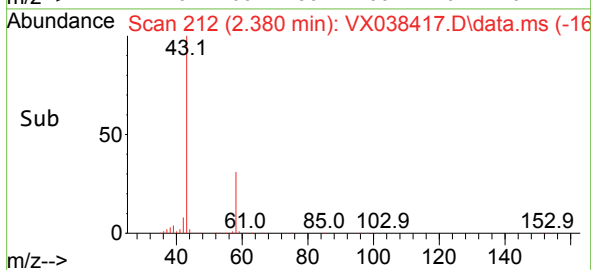
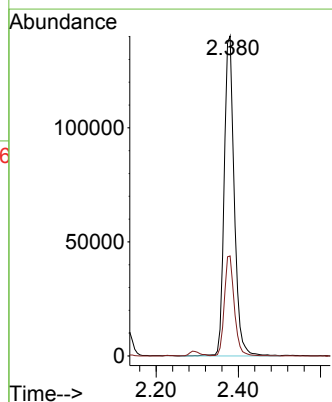
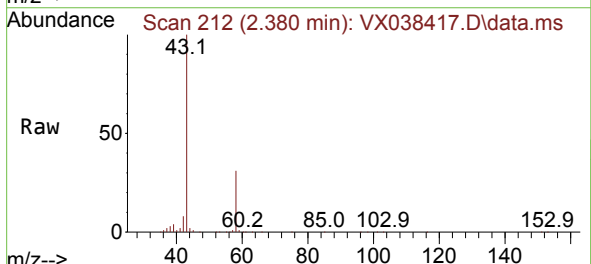
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

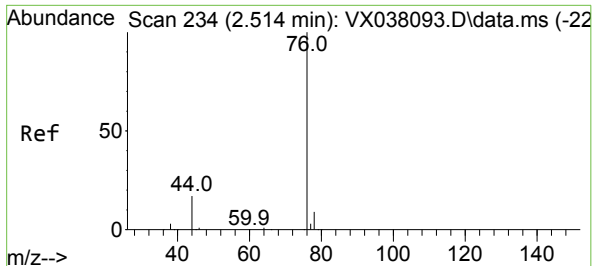
Tgt Ion: 53 Resp: 262064
Ion Ratio Lower Upper
53 100
52 84.0 66.0 99.0
51 37.0 29.8 44.6



#16
Acetone
Concen: 267.529 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 43 Resp: 238430
Ion Ratio Lower Upper
43 100
58 31.2 21.9 32.9

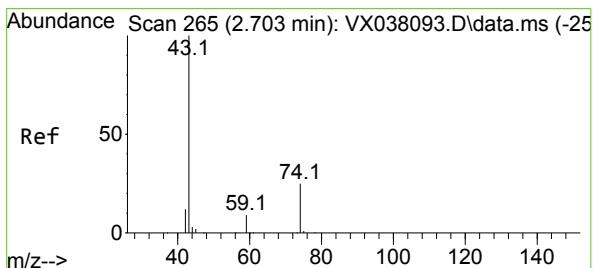
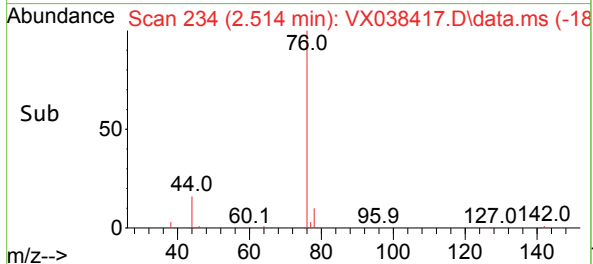
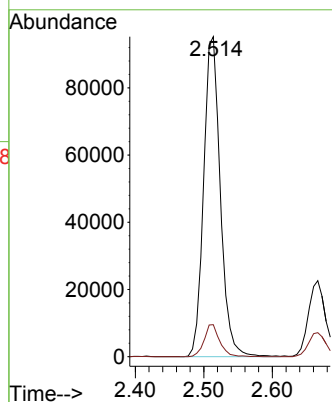
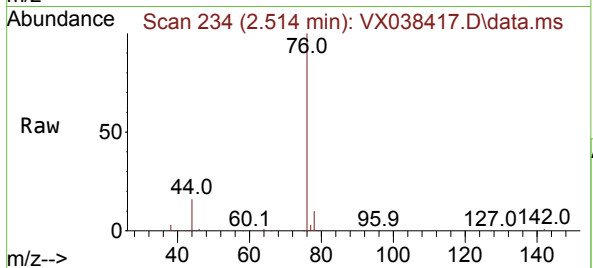




#17
Carbon Disulfide
Concen: 46.105 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

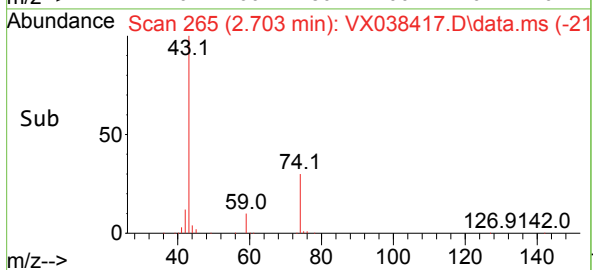
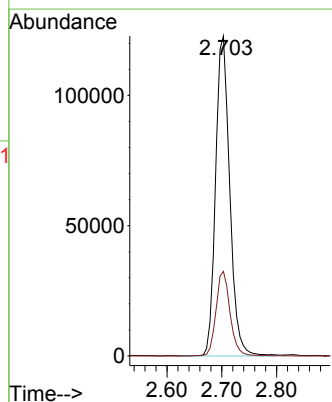
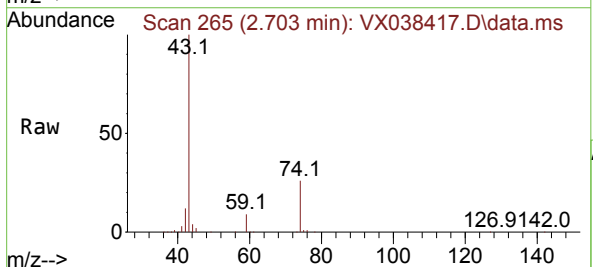
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

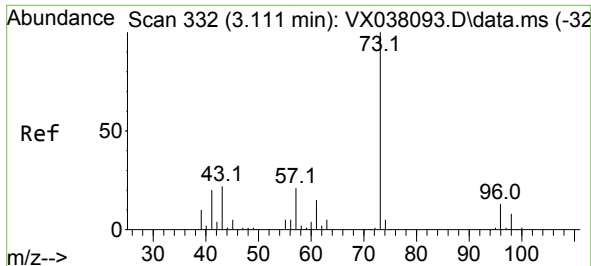
Tgt Ion: 76 Resp: 161414
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.6



#18
Methyl Acetate
Concen: 57.588 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 43 Resp: 220096
Ion Ratio Lower Upper
43 100
74 26.3 17.8 26.8

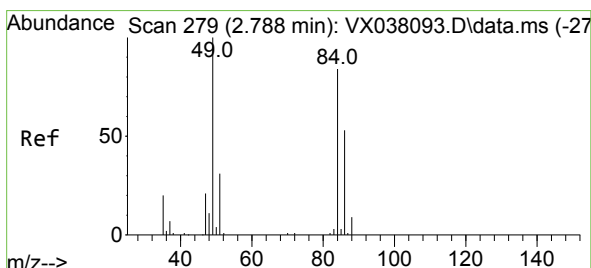
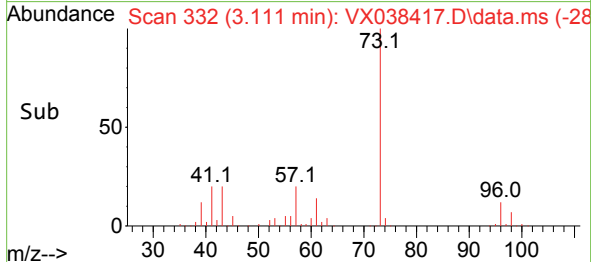
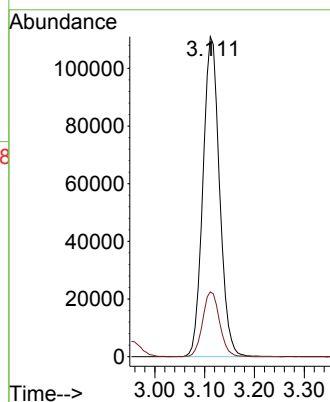
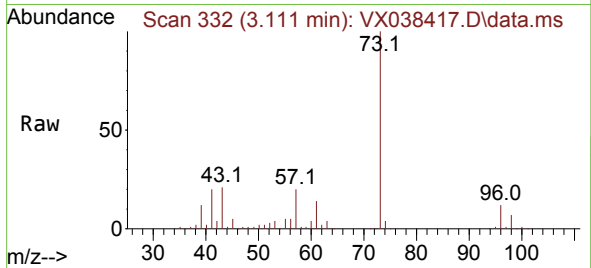




#19
Methyl tert-butyl Ether
Concen: 53.087 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

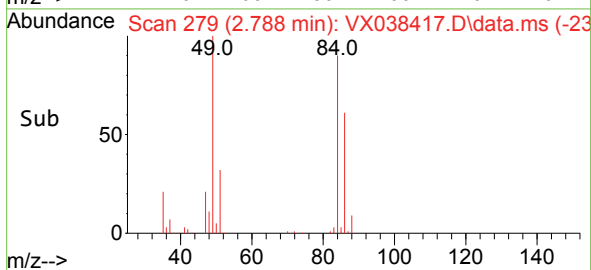
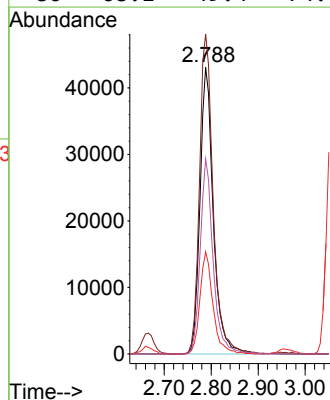
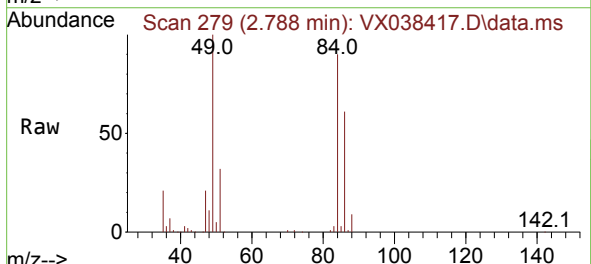
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

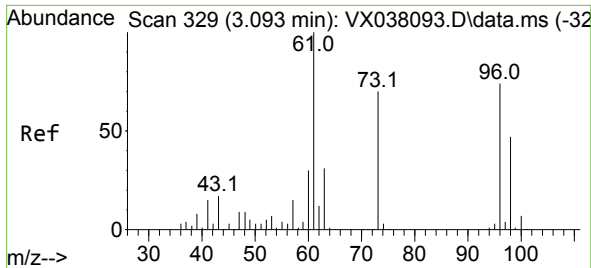
Tgt Ion: 73 Resp: 256821
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9



#20
Methylene Chloride
Concen: 50.747 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 84 Resp: 85071
Ion Ratio Lower Upper
84 100
49 111.6 103.6 155.4
51 35.6 33.8 50.6
86 68.1 49.4 74.0

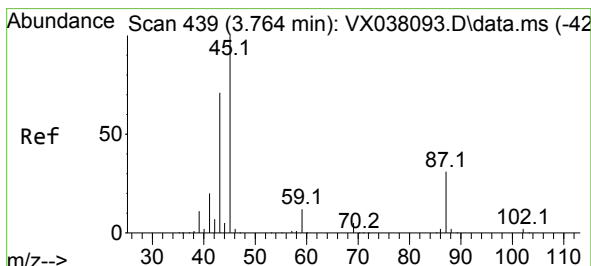
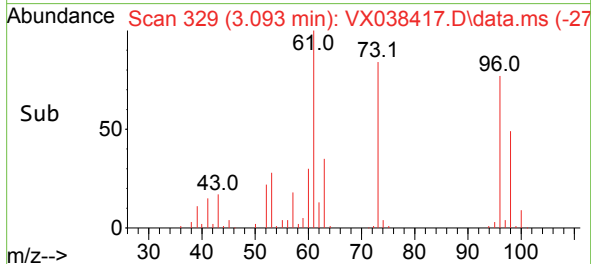
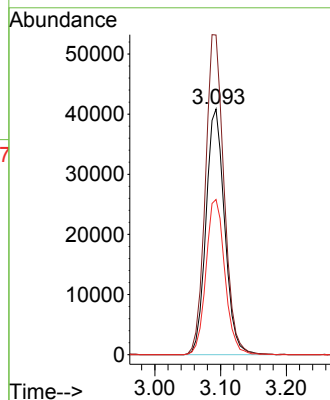
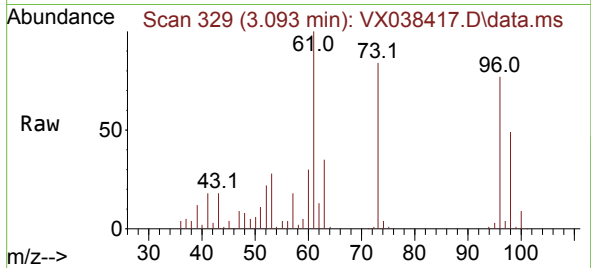




#21
trans-1,2-Dichloroethene
Concen: 53.533 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

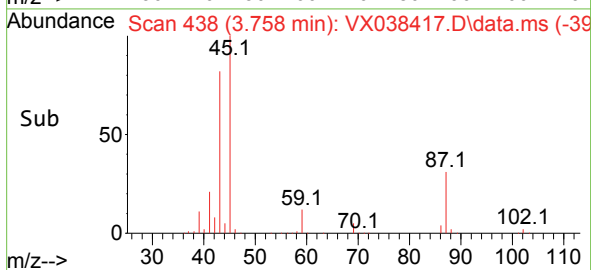
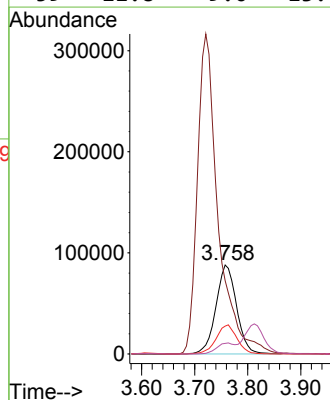
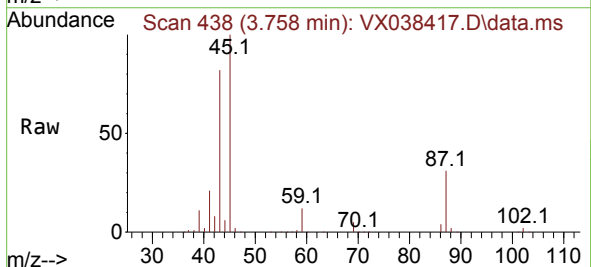
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

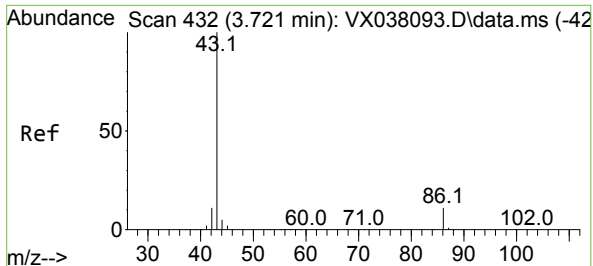
Tgt Ion: 96 Resp: 80513
Ion Ratio Lower Upper
96 100
61 130.2 119.2 178.8
98 63.2 48.7 73.1



#22
Diisopropyl ether
Concen: 52.249 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 45 Resp: 237922
Ion Ratio Lower Upper
45 100
43 82.2 69.7 104.5
87 31.3 20.8 31.2#
59 11.8 9.0 13.4

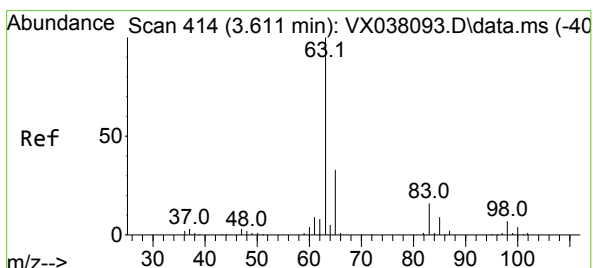
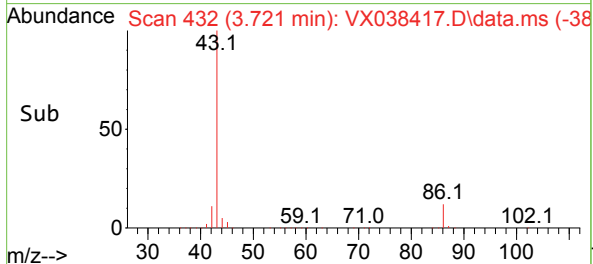
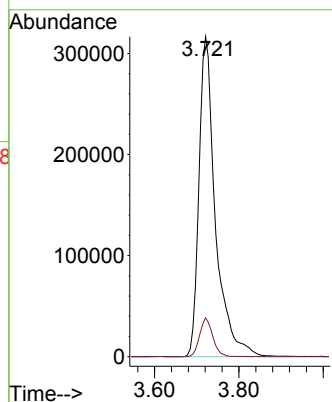
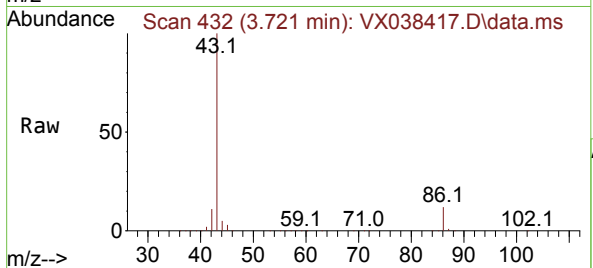




#23
 Vinyl Acetate
 Concen: 257.746 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038417.D
 Acq: 20 Oct 2023 20:54

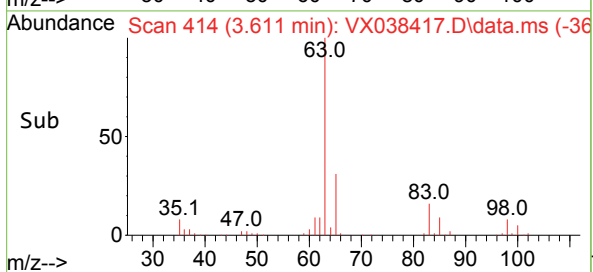
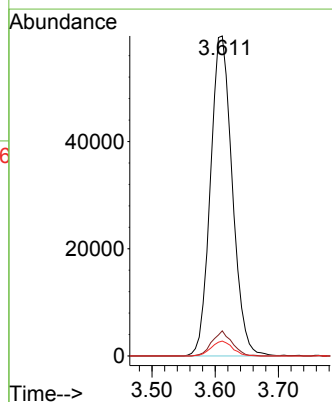
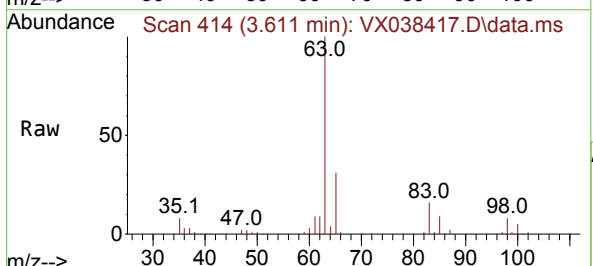
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

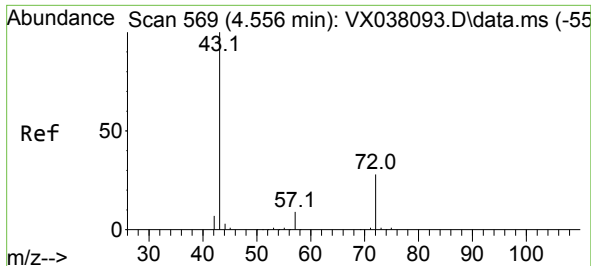
Tgt Ion: 43 Resp: 860710
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 51.737 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038417.D
 Acq: 20 Oct 2023 20:54

Tgt Ion: 63 Resp: 142976
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.3 9.8
 100 4.7 2.1 6.5

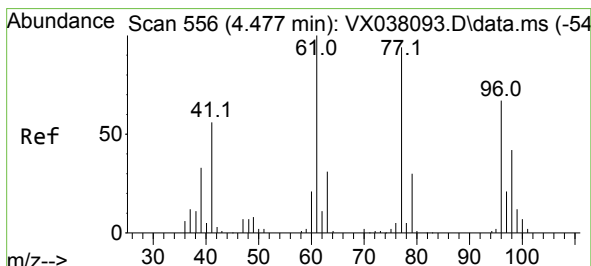
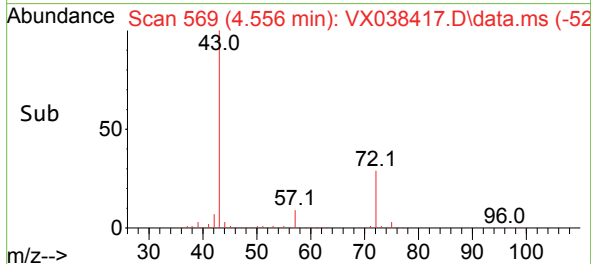
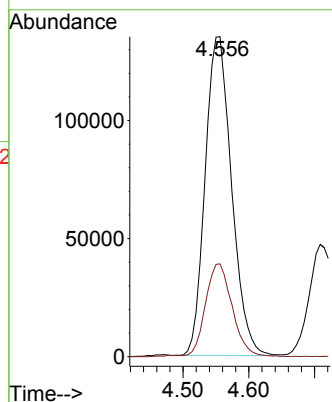
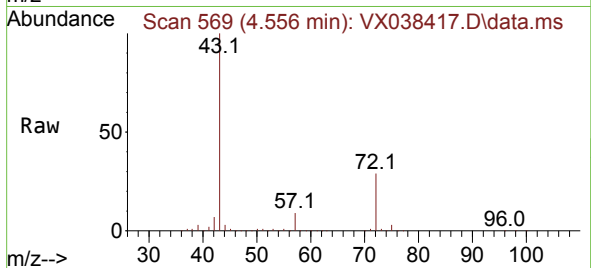




#25
2-Butanone
Concen: 263.199 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

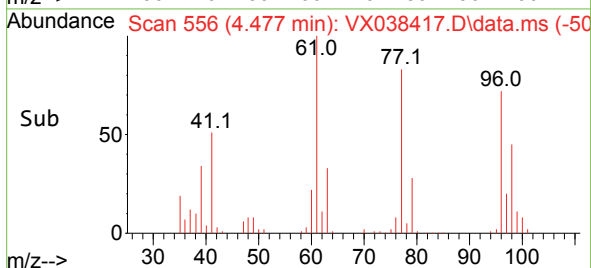
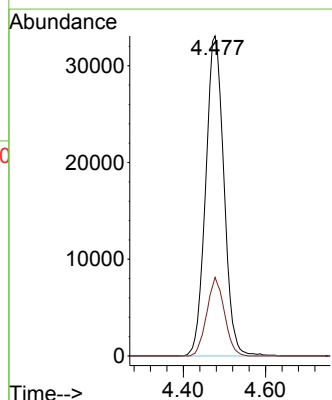
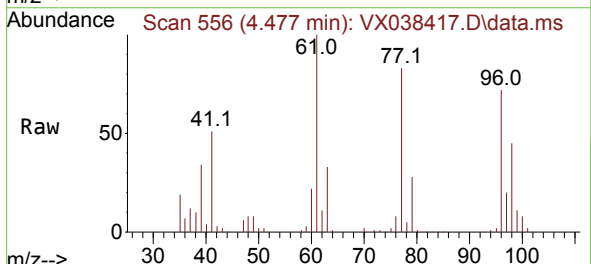
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

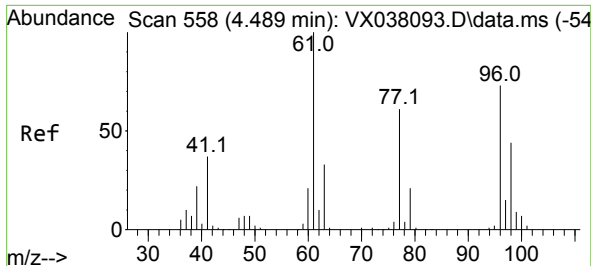
Tgt Ion: 43 Resp: 378474
Ion Ratio Lower Upper
43 100
72 29.0 19.4 29.2



#26
2,2-Dichloropropane
Concen: 47.242 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 77 Resp: 101928
Ion Ratio Lower Upper
77 100
97 23.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 54.044 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX038417.D

Acq: 20 Oct 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

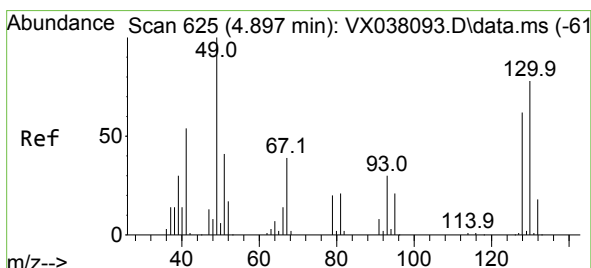
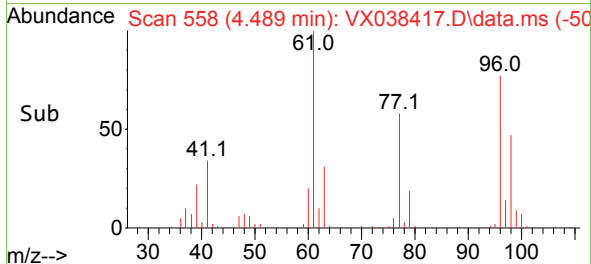
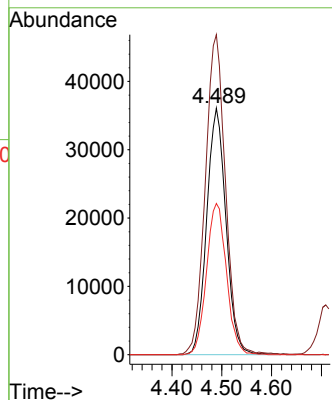
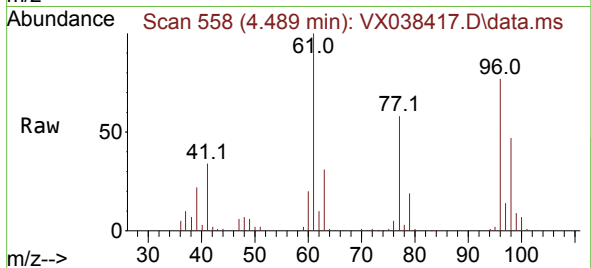
Tgt Ion: 96 Resp: 96804

Ion Ratio Lower Upper

96 100

61 135.9 0.0 312.2

98 63.5 0.0 129.0



#28

Bromochloromethane

Concen: 49.768 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.007 min

Lab File: VX038417.D

Acq: 20 Oct 2023 20:54

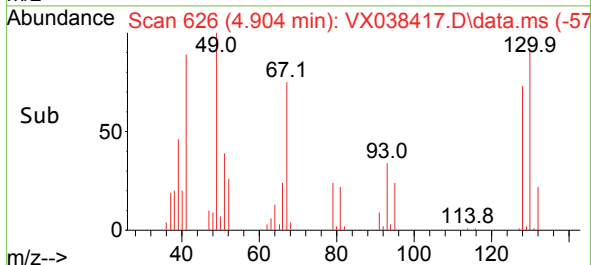
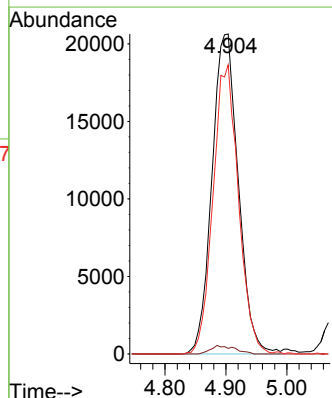
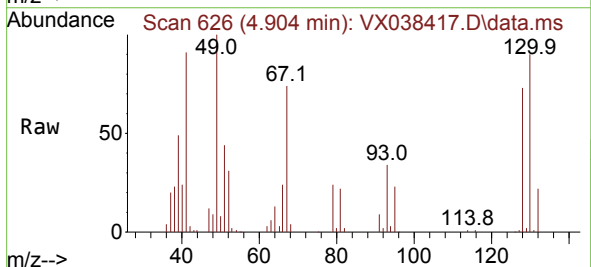
Tgt Ion: 49 Resp: 62086

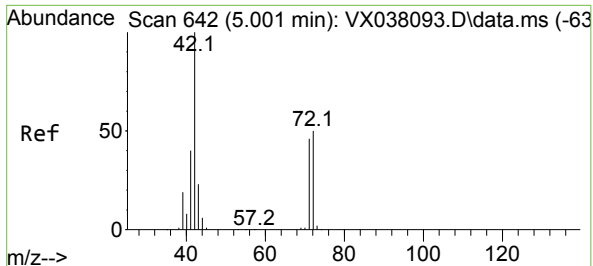
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

130 87.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 259.306 ug/l

RT: 5.001 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX038417.D

Acq: 20 Oct 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

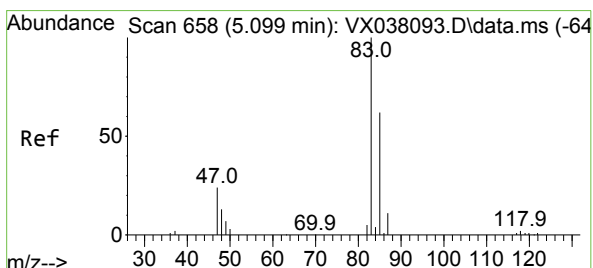
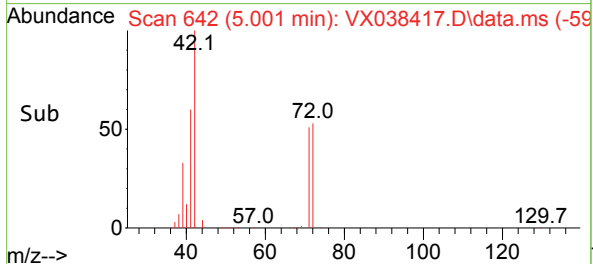
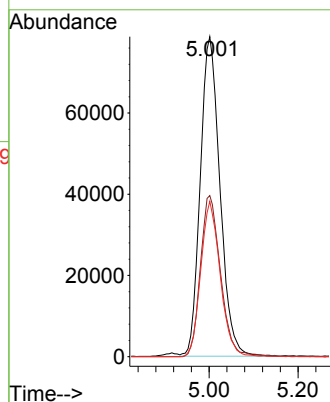
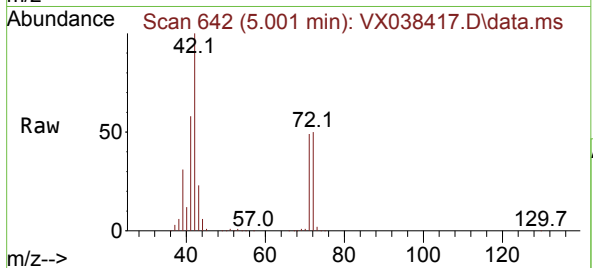
Tgt Ion: 42 Resp: 242766

Ion Ratio Lower Upper

42 100

72 51.4 34.2 51.4#

71 47.9 32.2 48.2



#30

Chloroform

Concen: 55.202 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX038417.D

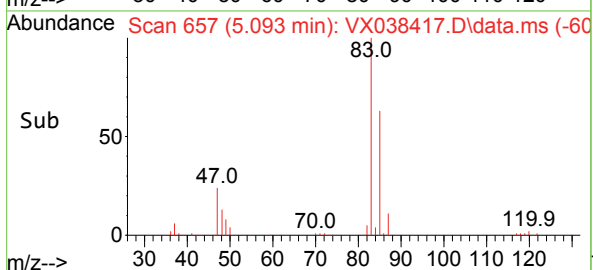
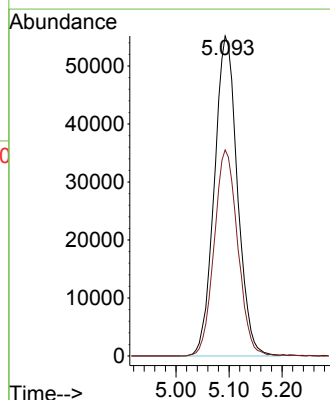
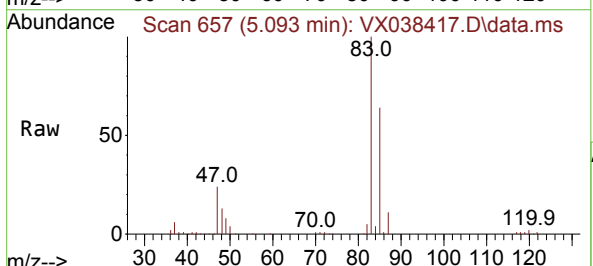
Acq: 20 Oct 2023 20:54

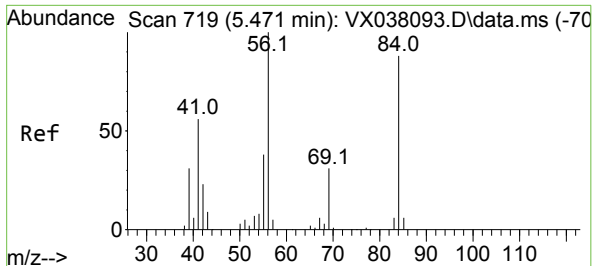
Tgt Ion: 83 Resp: 166819

Ion Ratio Lower Upper

83 100

85 64.4 50.3 75.5

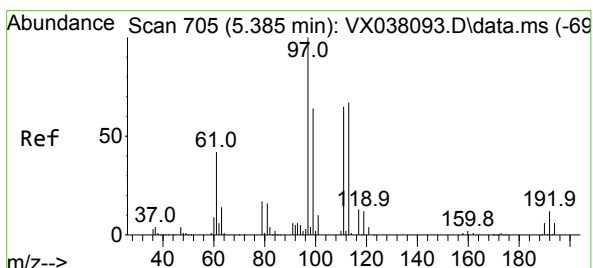
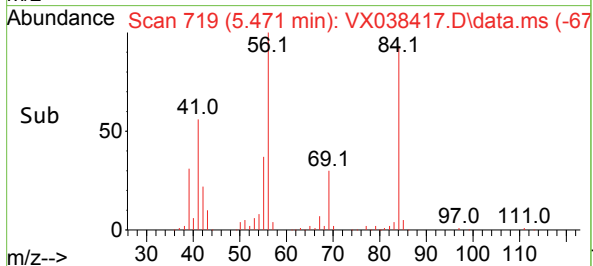
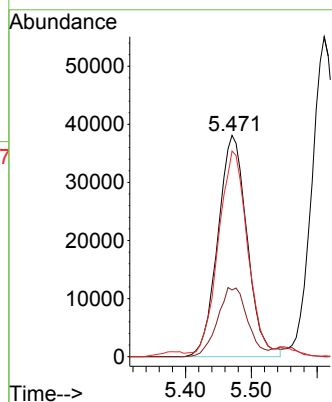
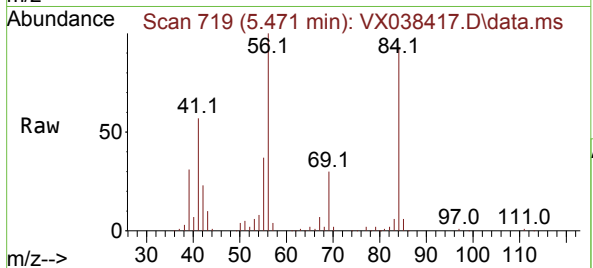




#31
Cyclohexane
Concen: 50.880 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

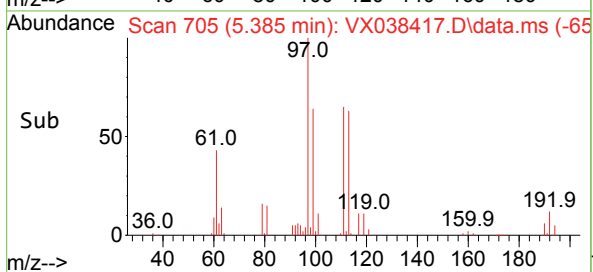
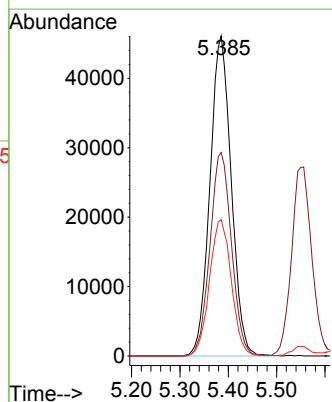
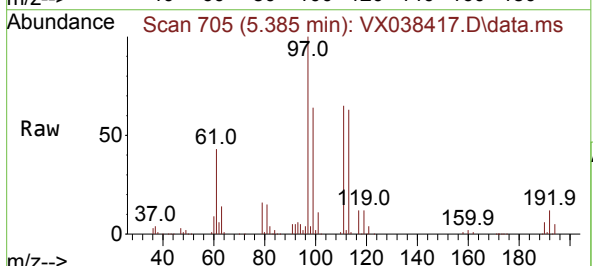
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

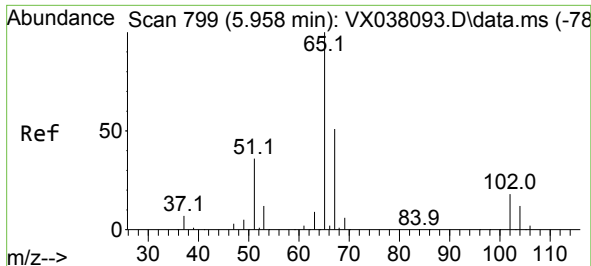
Tgt Ion: 56 Resp: 117718
Ion Ratio Lower Upper
56 100
69 30.2 23.4 35.2
84 90.7 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 54.320 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 97 Resp: 140600
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 43.8 36.4 54.6

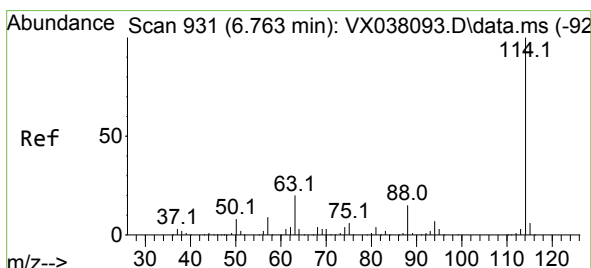
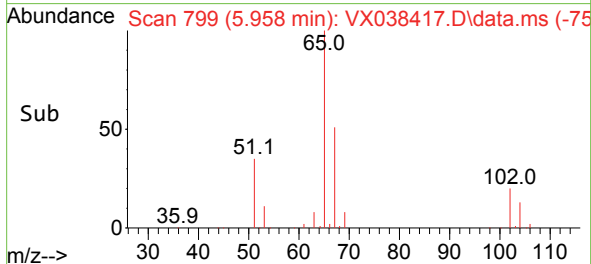
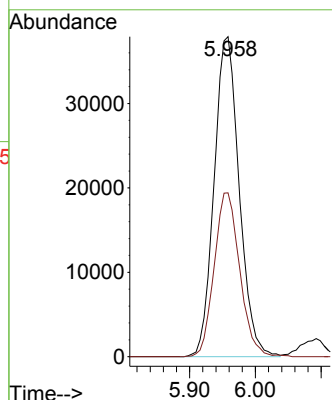
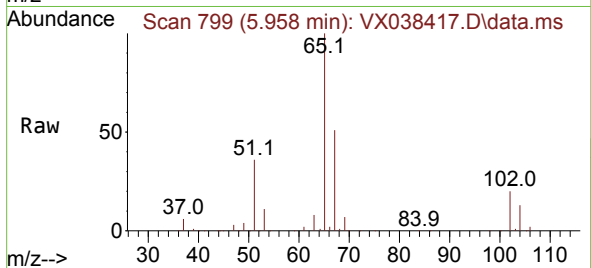




#33
 1,2-Dichloroethane-d4
 Concen: 47.163 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038417.D
 Acq: 20 Oct 2023 20:54

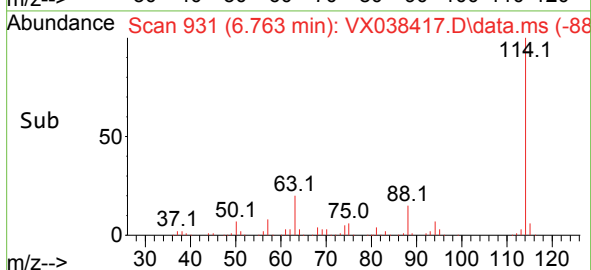
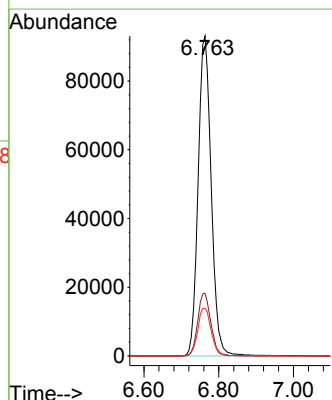
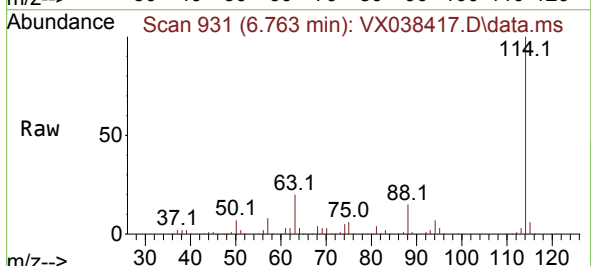
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

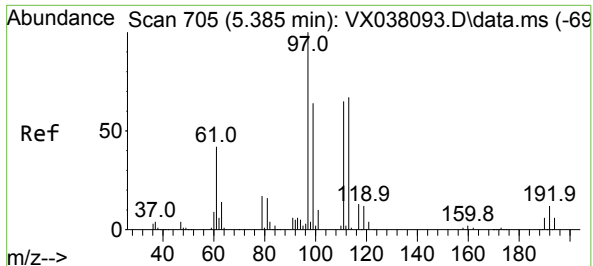
Tgt Ion: 65 Resp: 100714
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038417.D
 Acq: 20 Oct 2023 20:54

Tgt Ion: 114 Resp: 226032
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 45.0
 88 14.9 0.0 36.6

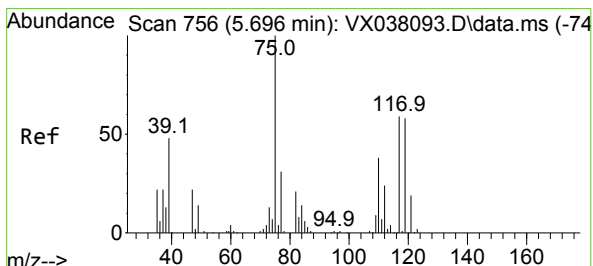
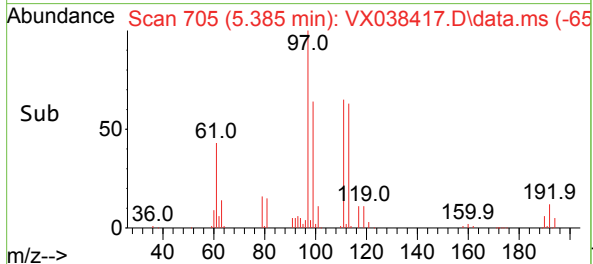
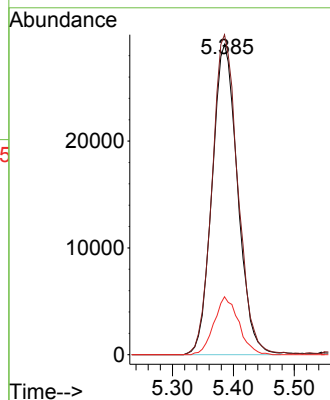
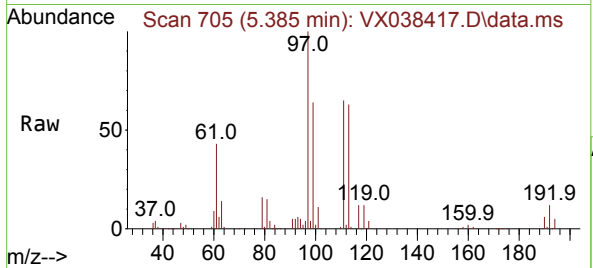




#35
Dibromofluoromethane
Concen: 51.967 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

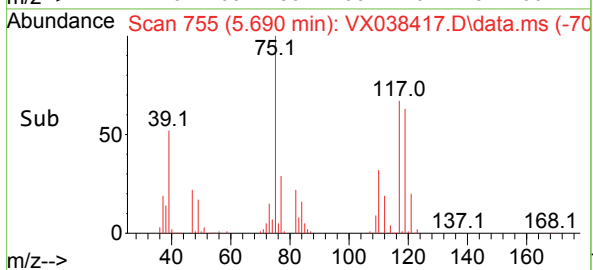
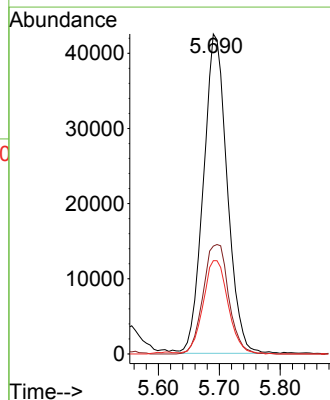
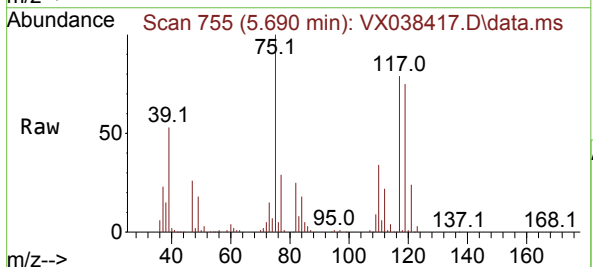
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

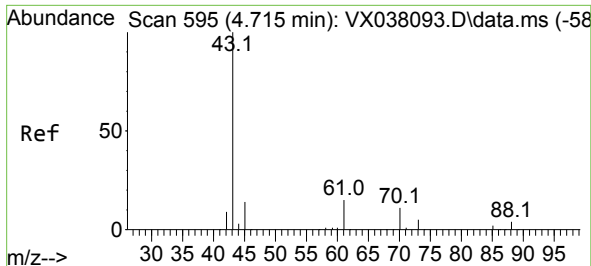
Tgt Ion:113 Resp: 84639
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 18.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 51.277 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 75 Resp: 115165
Ion Ratio Lower Upper
75 100
110 36.8 17.0 50.9
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 51.809 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX038417.D

Acq: 20 Oct 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

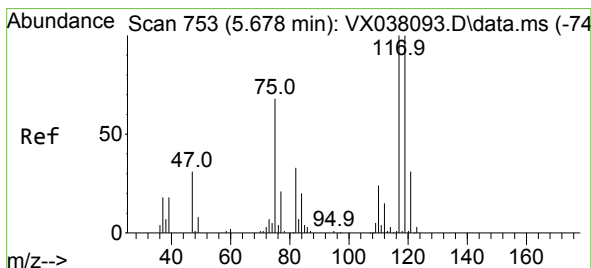
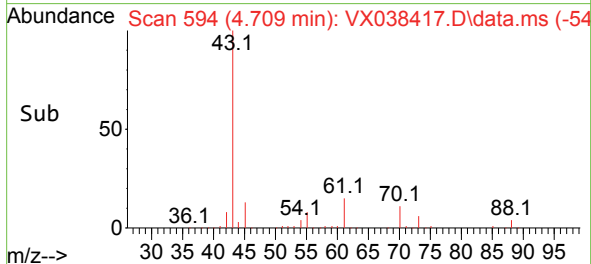
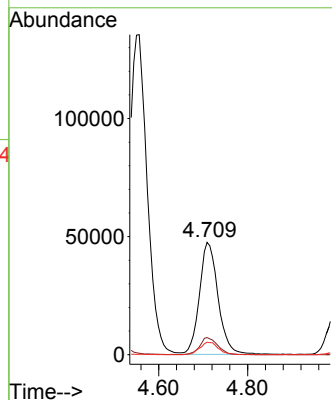
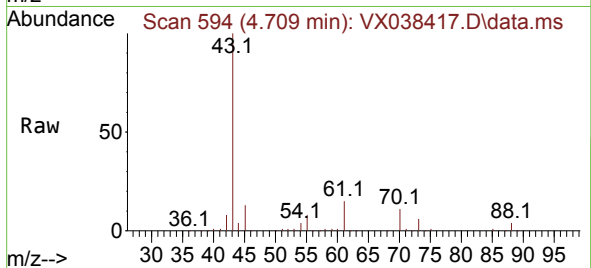
Tgt Ion: 43 Resp: 138194

Ion Ratio Lower Upper

43 100

61 14.8 10.6 16.0

70 11.1 8.3 12.5



#38

Carbon Tetrachloride

Concen: 54.640 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX038417.D

Acq: 20 Oct 2023 20:54

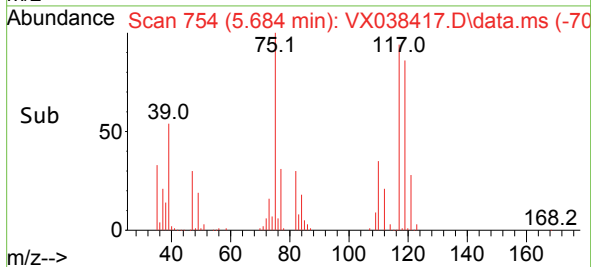
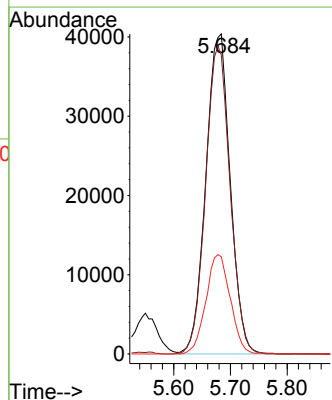
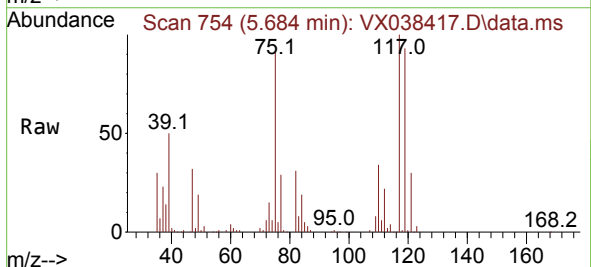
Tgt Ion: 117 Resp: 120723

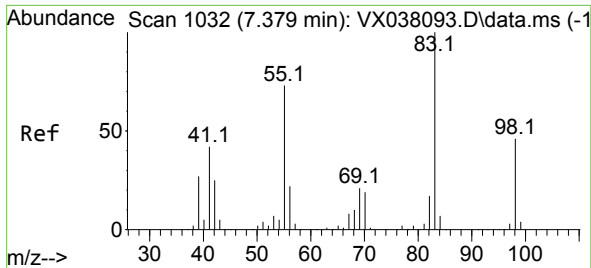
Ion Ratio Lower Upper

117 100

119 93.4 78.2 117.2

121 30.3 24.4 36.6

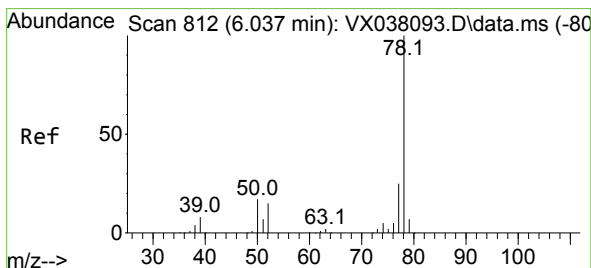
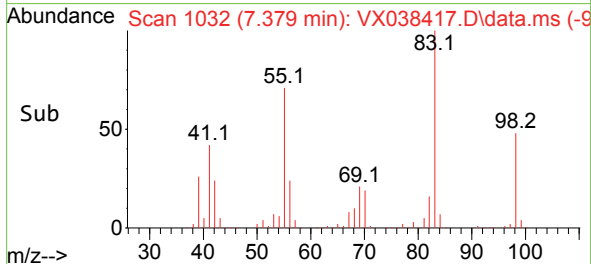
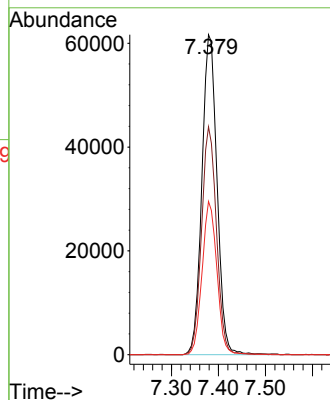
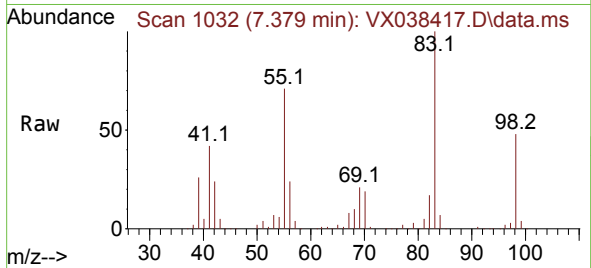




#39
Methylcyclohexane
Concen: 52.412 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

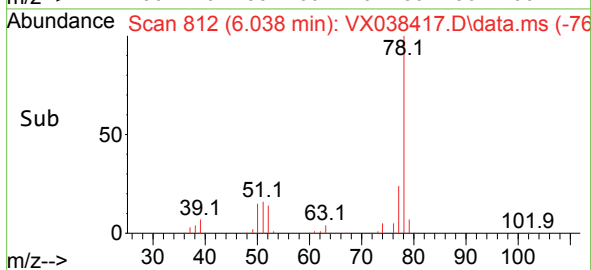
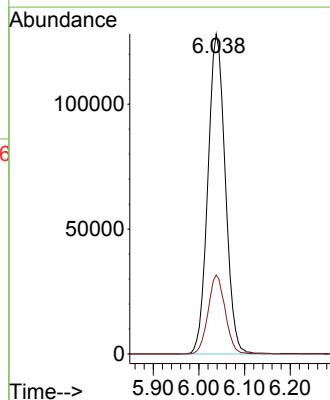
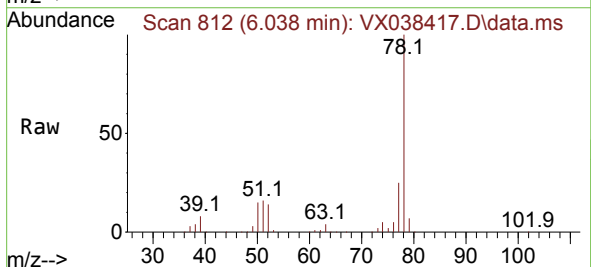
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

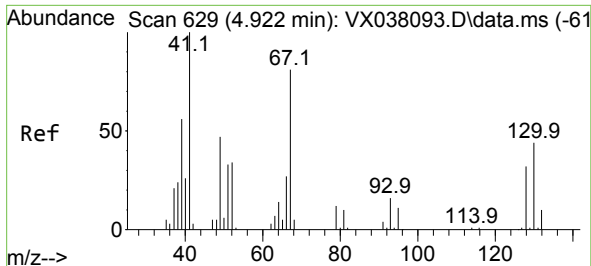
Tgt Ion: 83 Resp: 137881
Ion Ratio Lower Upper
83 100
55 71.2 64.6 97.0
98 47.9 36.7 55.1



#40
Benzene
Concen: 53.910 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 78 Resp: 338651
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9



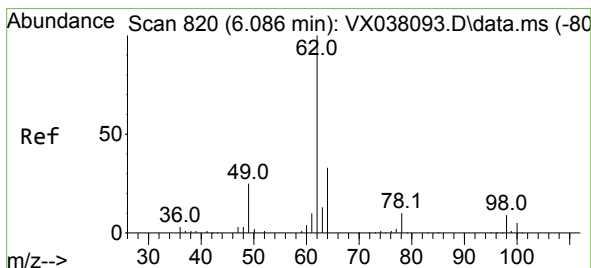
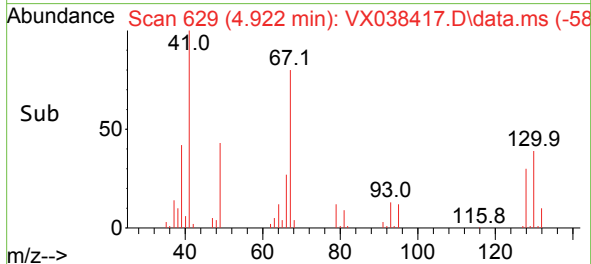
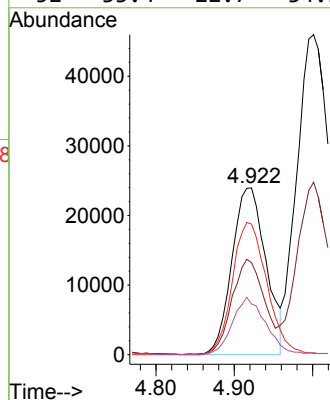
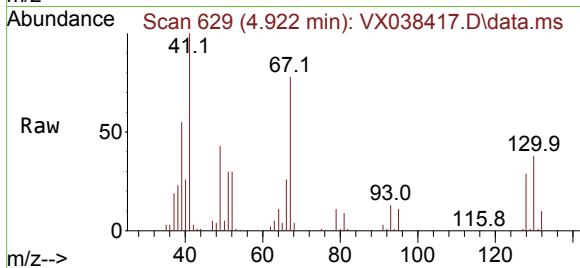


#41
Methacrylonitrile
Concen: 54.748 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 72646

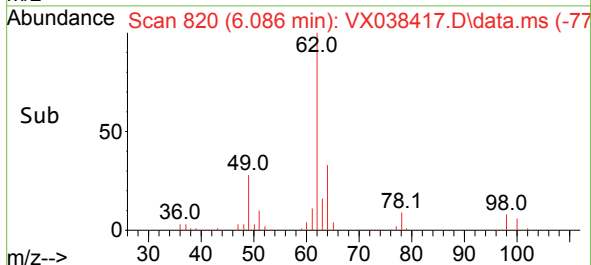
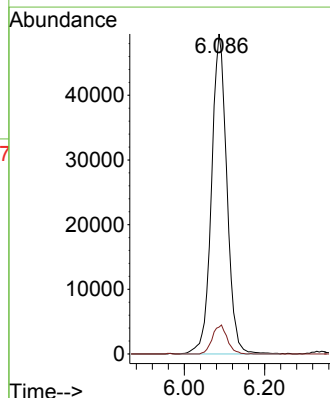
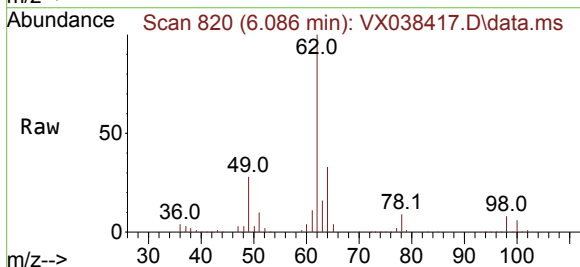
Ion	Ratio	Lower	Upper
41	100		
39	53.8	45.2	67.8
67	80.5	52.6	78.8
52	33.4	22.7	34.1

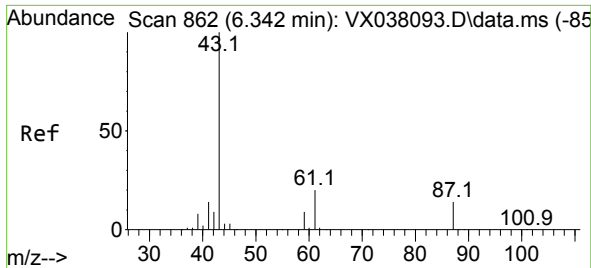


#42
1,2-Dichloroethane
Concen: 52.370 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 62 Resp: 131438

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.0

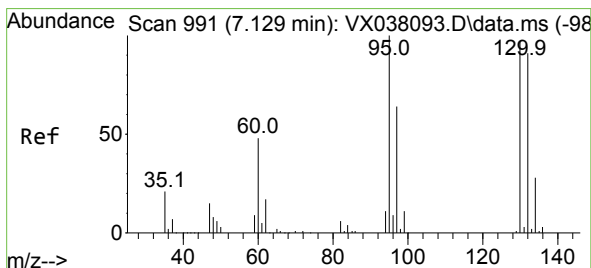
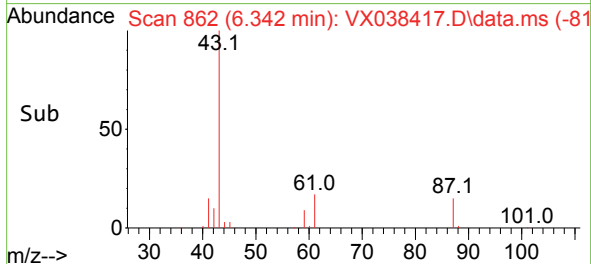
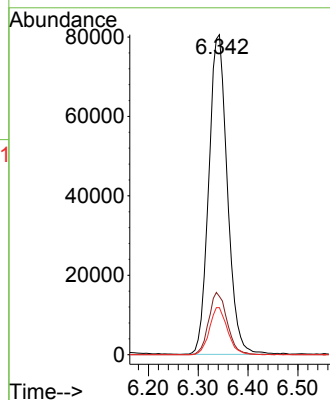
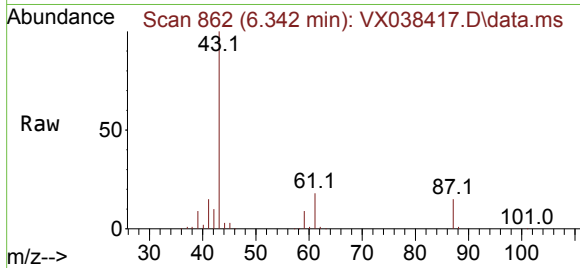




#43
Isopropyl Acetate
Concen: 52.283 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

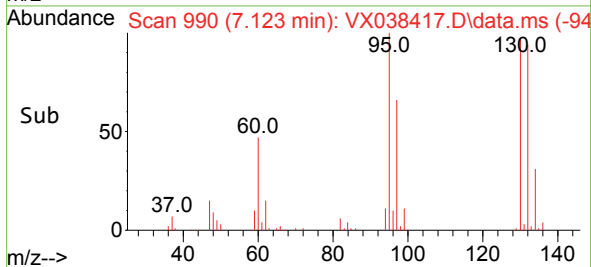
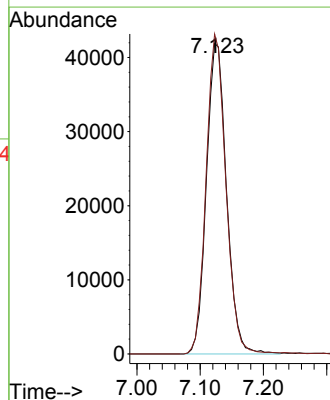
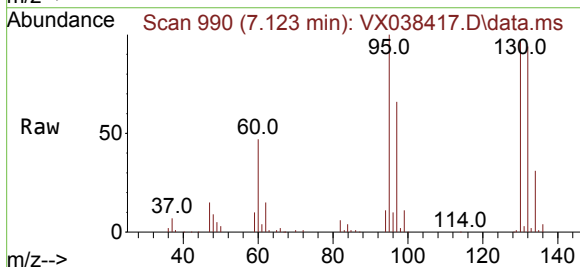
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

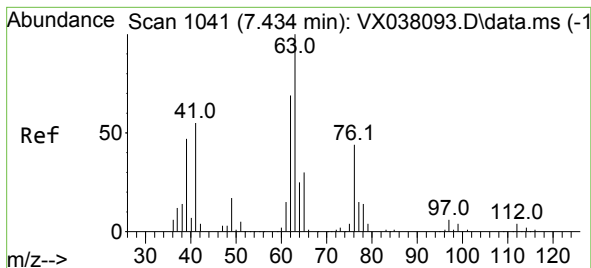
Tgt Ion: 43 Resp: 208190
Ion Ratio Lower Upper
43 100
61 19.3 15.2 22.8
87 14.3 9.8 14.6



#44
Trichloroethene
Concen: 56.497 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion:130 Resp: 92826
Ion Ratio Lower Upper
130 100
95 103.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 53.620 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX038417.D

Acq: 20 Oct 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

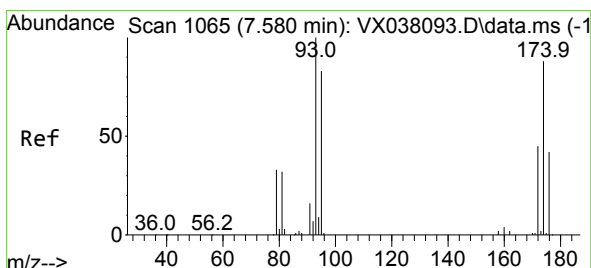
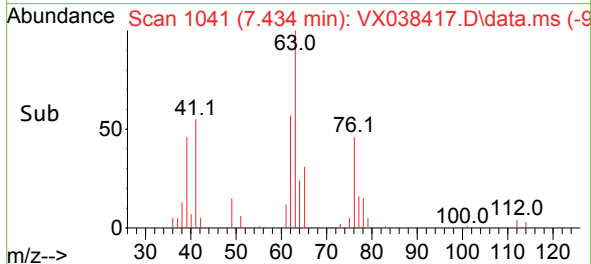
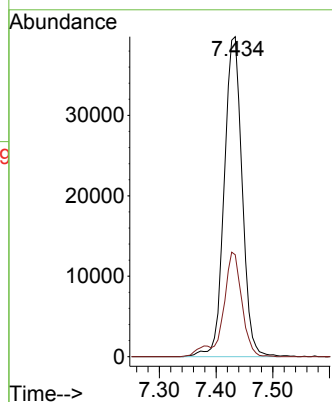
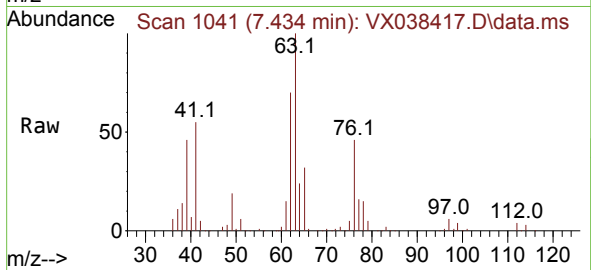
VSTDCCC050EC

Tgt Ion: 63 Resp: 87178

Ion Ratio Lower Upper

63 100

65 31.8 24.3 36.5



#46

Dibromomethane

Concen: 54.883 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038417.D

Acq: 20 Oct 2023 20:54

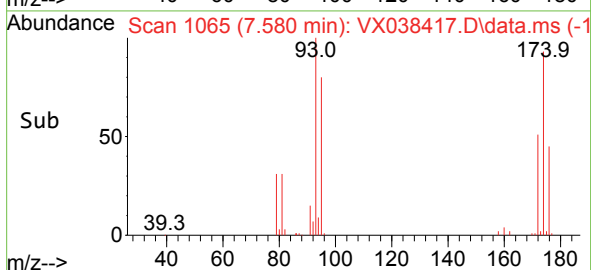
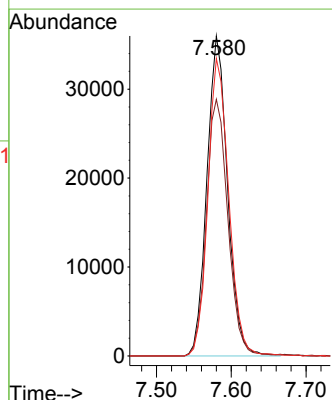
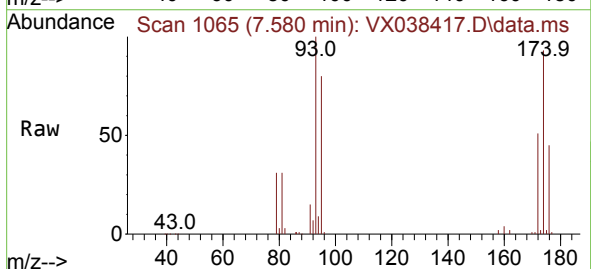
Tgt Ion: 93 Resp: 69207

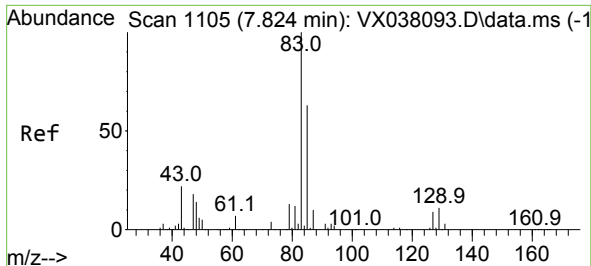
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 94.2 69.4 104.0

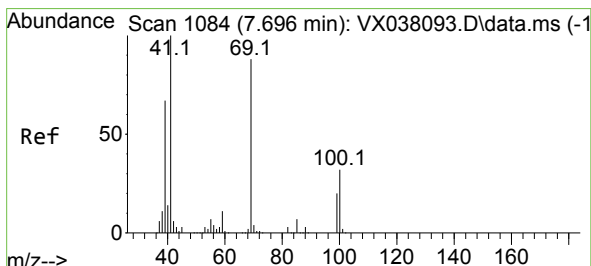
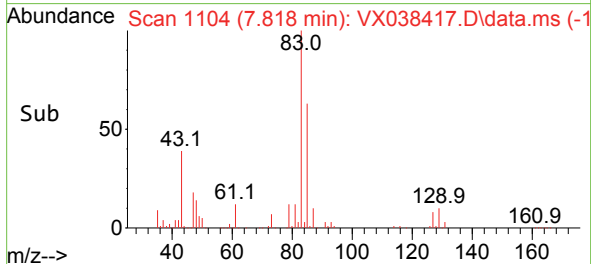
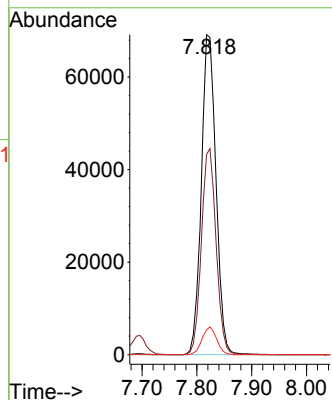
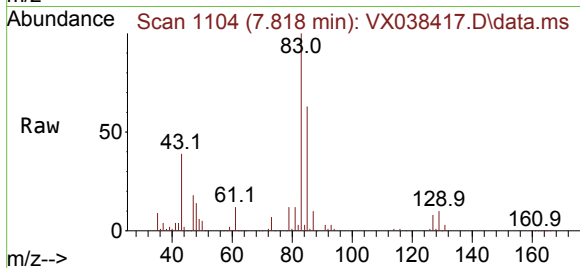




#47
Bromodichloromethane
Concen: 57.268 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

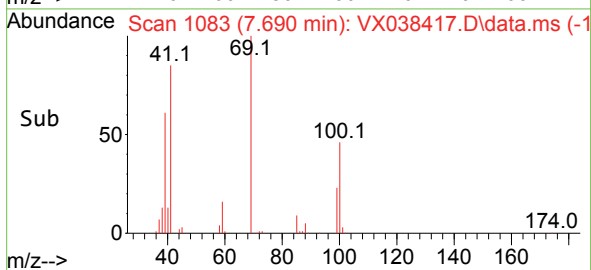
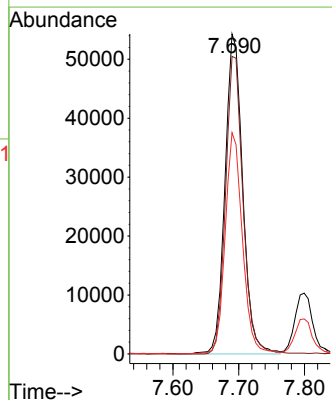
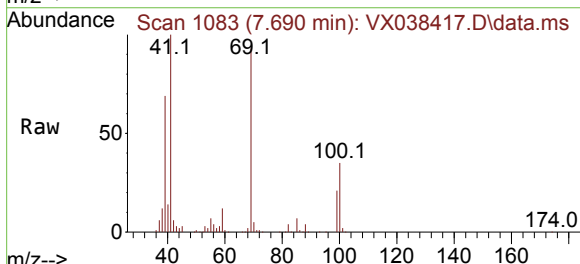
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

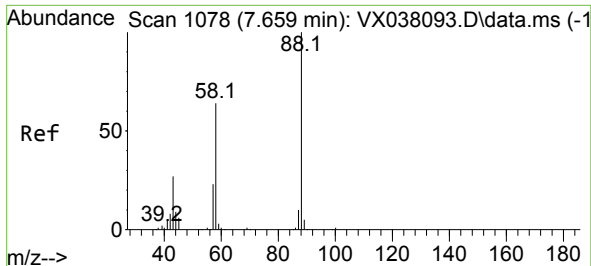
Tgt Ion: 83 Resp: 128467
Ion Ratio Lower Upper
83 100
85 62.6 49.8 74.6
127 7.7 7.1 10.7



#48
Methyl methacrylate
Concen: 53.561 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 41 Resp: 101815
Ion Ratio Lower Upper
41 100
69 91.8 59.2 88.8#
39 67.4 47.7 71.5

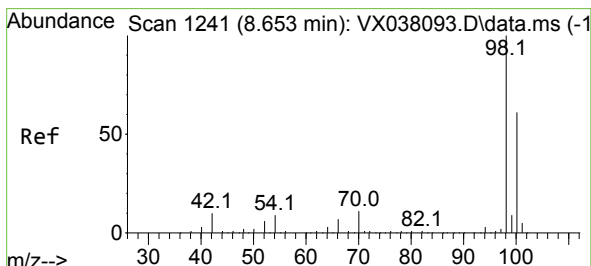
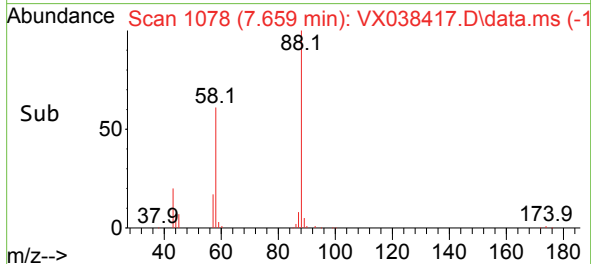
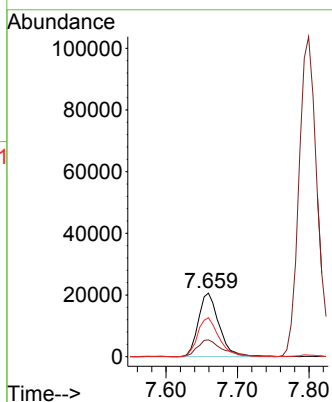
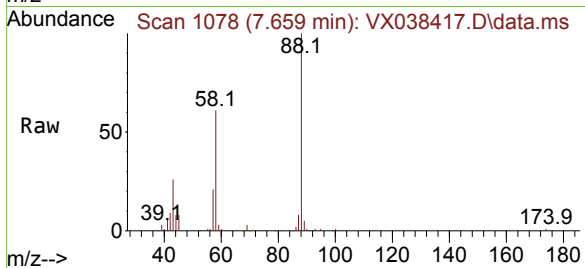




#49
1,4-Dioxane
Concen: 879.687 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

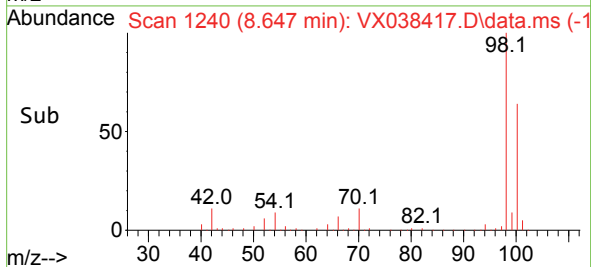
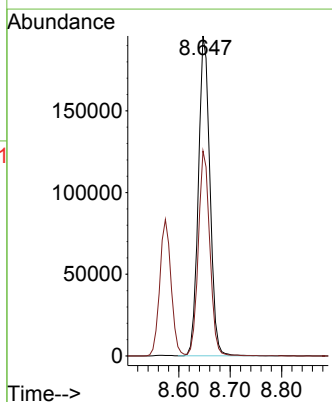
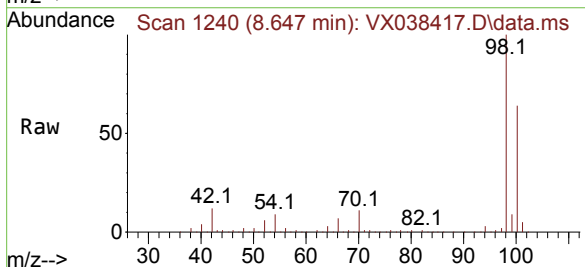
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

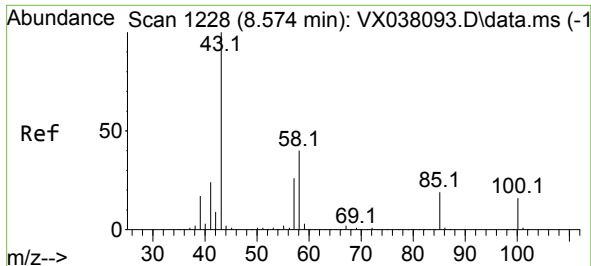
Tgt Ion: 88 Resp: 41207
Ion Ratio Lower Upper
88 100
43 33.2 0.0 0.0#
58 63.7 60.1 90.1



#50
Toluene-d8
Concen: 48.982 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 98 Resp: 304849
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

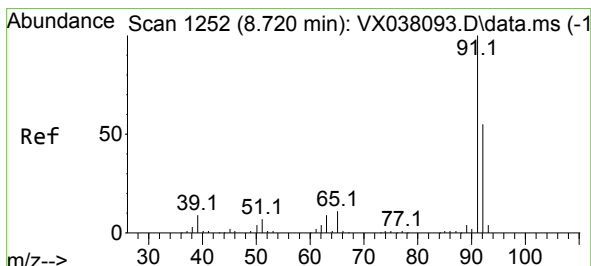
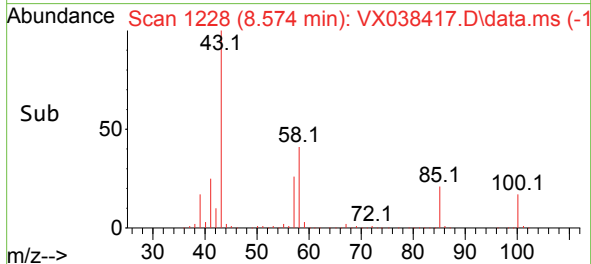
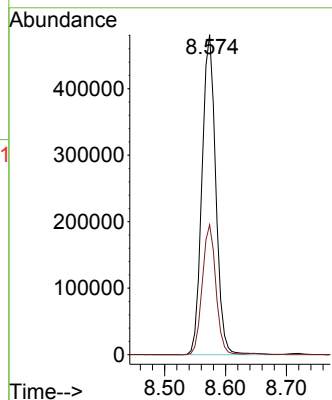
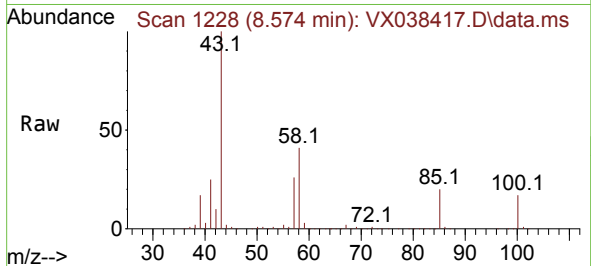




#51
4-Methyl-2-Pentanone
Concen: 275.464 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

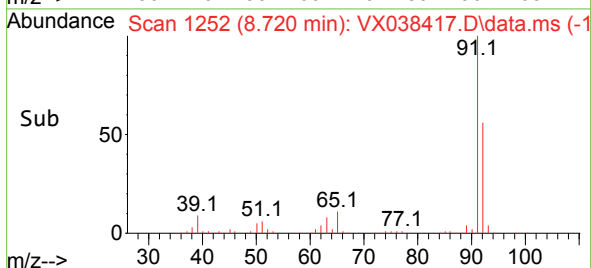
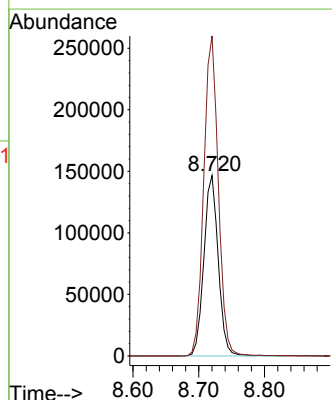
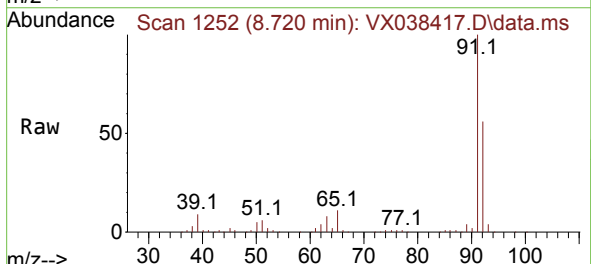
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

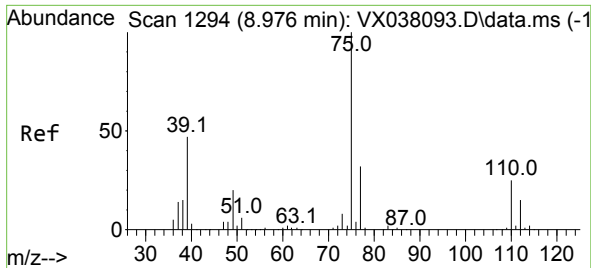
Tgt Ion: 43 Resp: 756585
Ion Ratio Lower Upper
43 100
58 39.9 30.4 45.6



#52
Toluene
Concen: 54.425 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 92 Resp: 222706
Ion Ratio Lower Upper
92 100
91 180.1 134.2 201.2

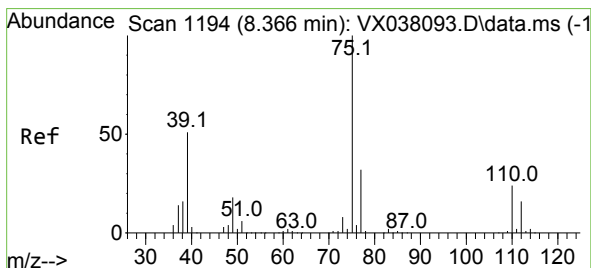
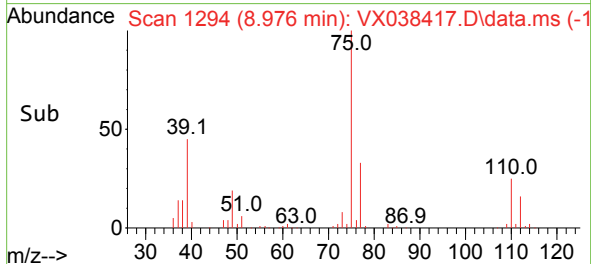
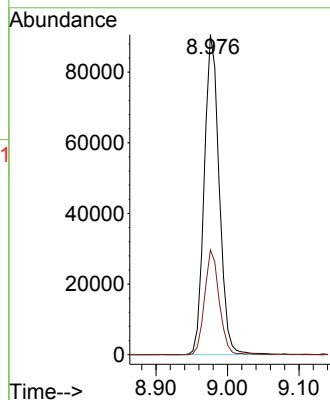
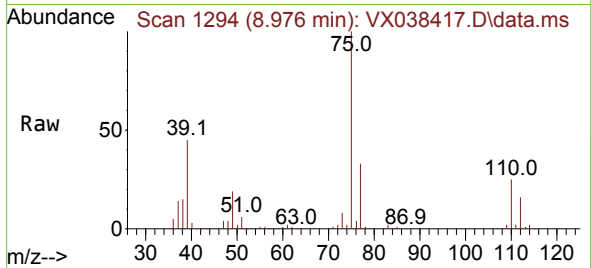




#53
 t-1,3-Dichloropropene
 Concen: 54.762 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX038417.D
 Acq: 20 Oct 2023 20:54

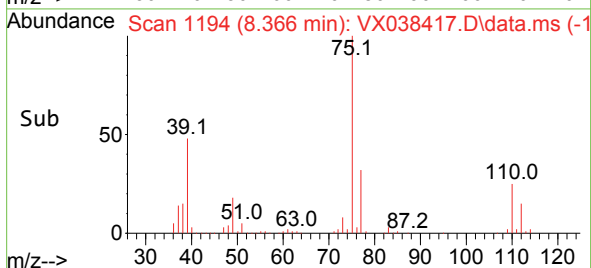
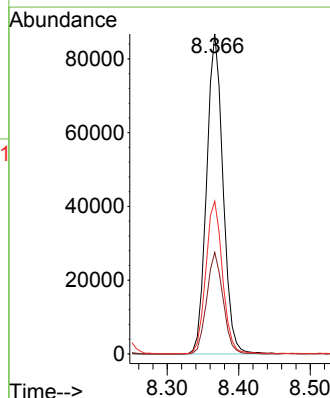
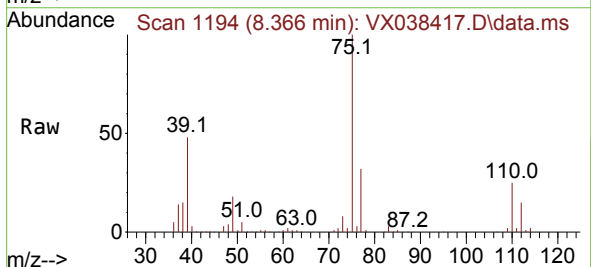
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

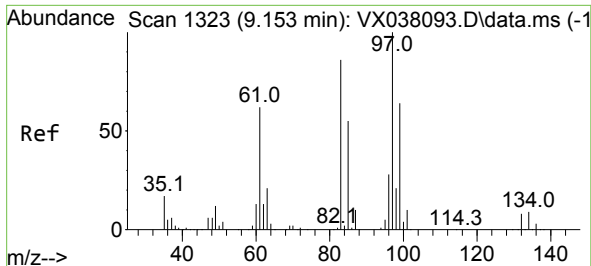
Tgt Ion: 75 Resp: 131862
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 54.602 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX038417.D
 Acq: 20 Oct 2023 20:54

Tgt Ion: 75 Resp: 138134
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9
 39 47.6 46.7 70.1

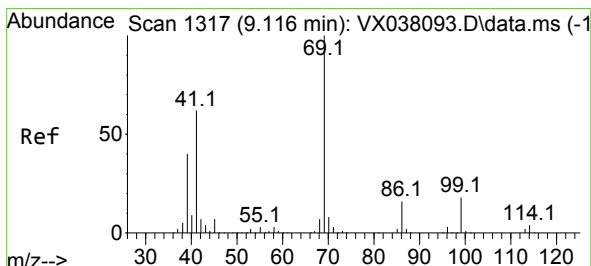
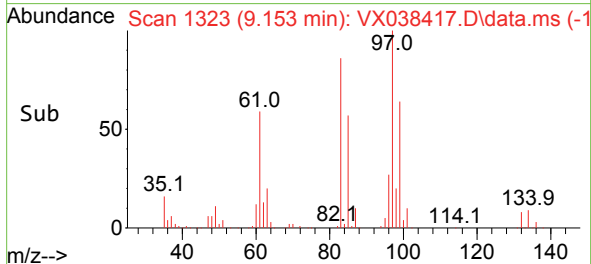
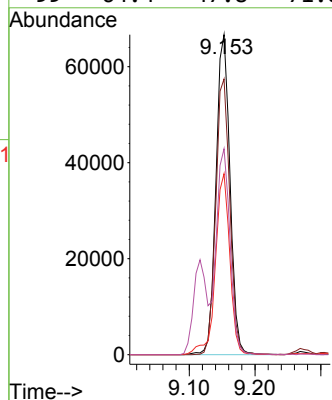
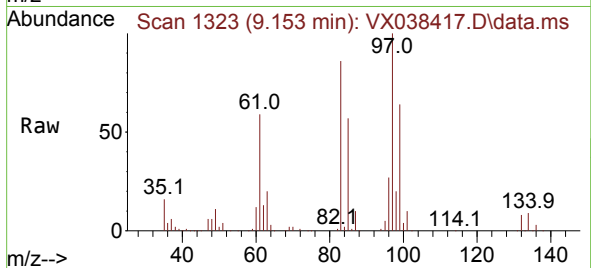




#55
 1,1,2-Trichloroethane
 Concen: 56.488 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. -0.000 min
 Lab File: VX038417.D
 Acq: 20 Oct 2023 20:54

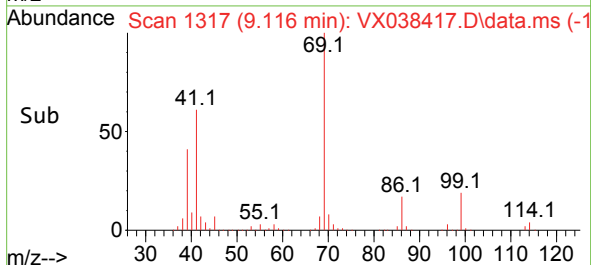
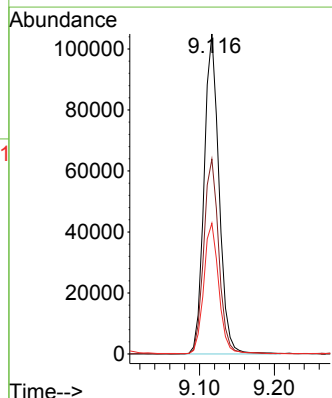
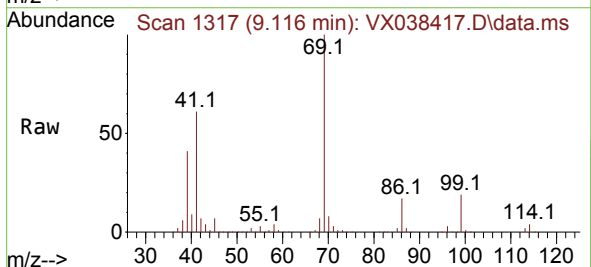
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

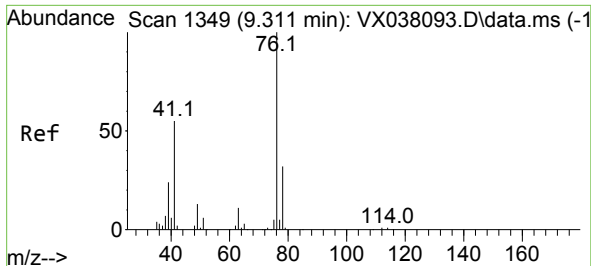
Tgt Ion: 97	Resp: 98870
Ion Ratio	Lower Upper
97 100	
83 86.1	65.8 98.8
85 56.5	41.6 62.4
99 64.4	47.8 71.8



#56
 Ethyl methacrylate
 Concen: 54.233 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX038417.D
 Acq: 20 Oct 2023 20:54

Tgt Ion: 69	Resp: 145536
Ion Ratio	Lower Upper
69 100	
41 61.7	56.8 85.2
39 41.0	32.0 48.0





#57

1,3-Dichloropropane

Concen: 55.103 ug/l

RT: 9.305 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX038417.D

Acq: 20 Oct 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

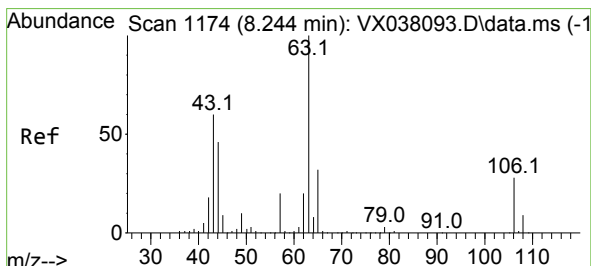
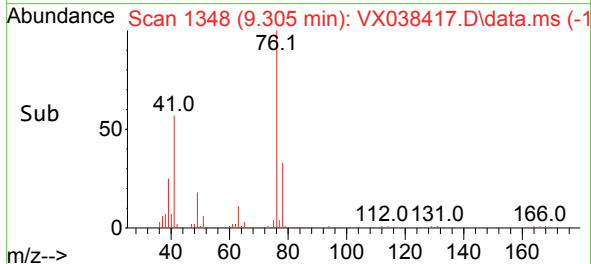
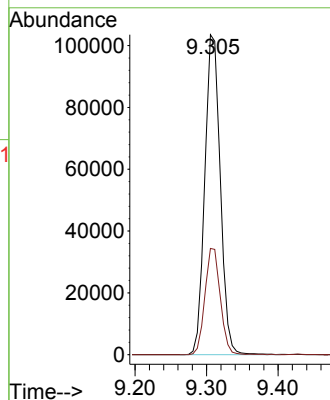
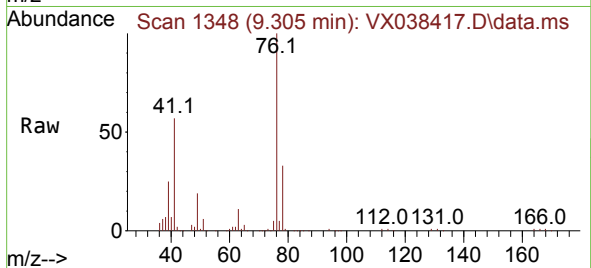
VSTDCCC050EC

Tgt Ion: 76 Resp: 155988

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 248.493 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038417.D

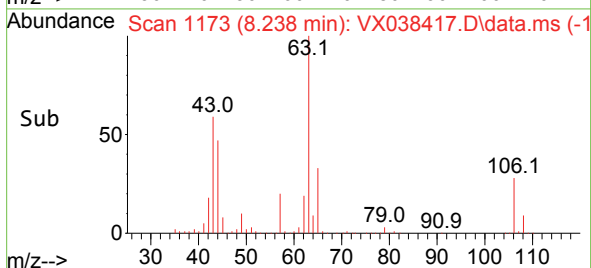
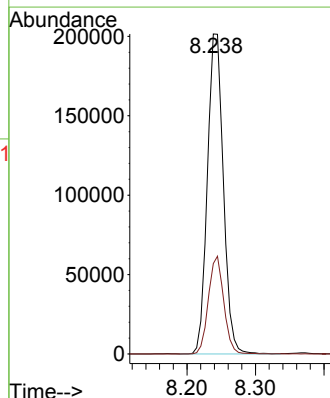
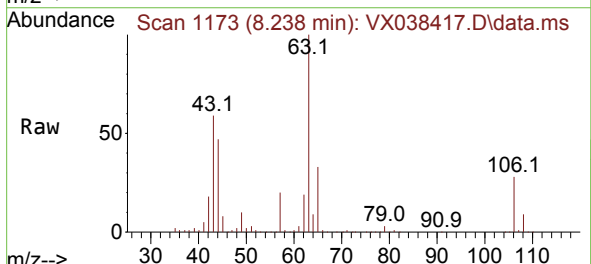
Acq: 20 Oct 2023 20:54

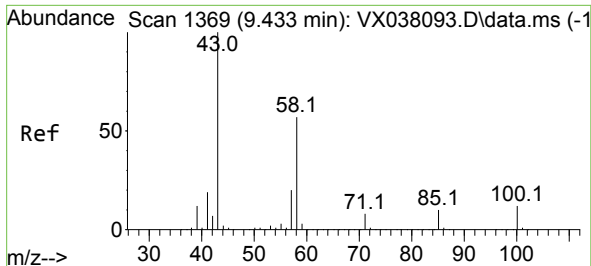
Tgt Ion: 63 Resp: 327327

Ion Ratio Lower Upper

63 100

106 29.3 22.5 33.7

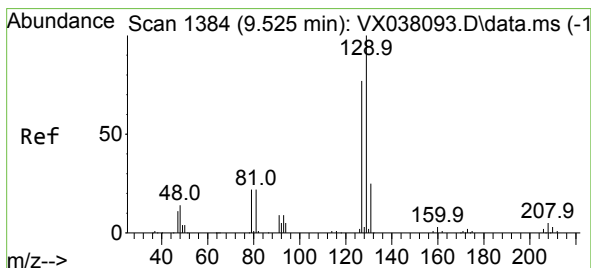
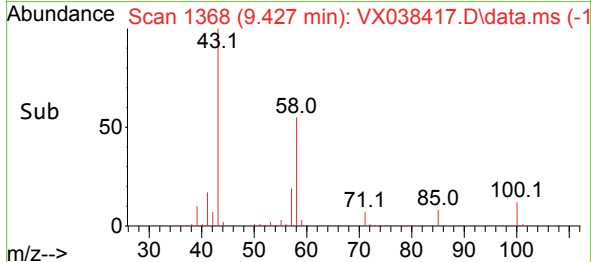
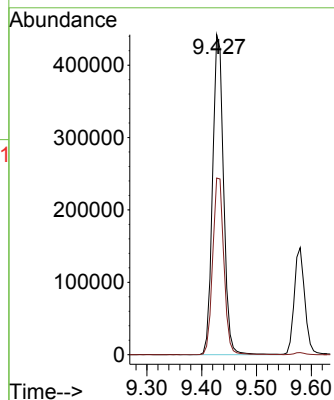
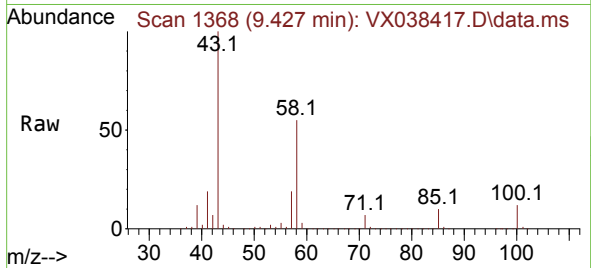




#59
2-Hexanone
Concen: 277.183 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

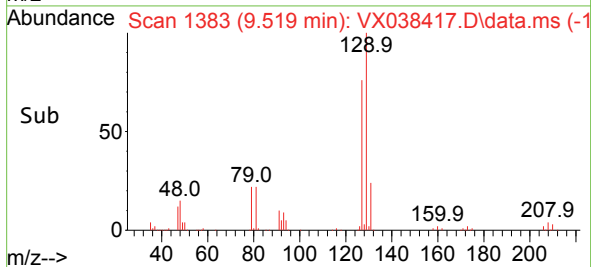
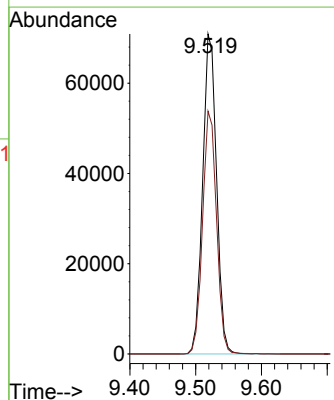
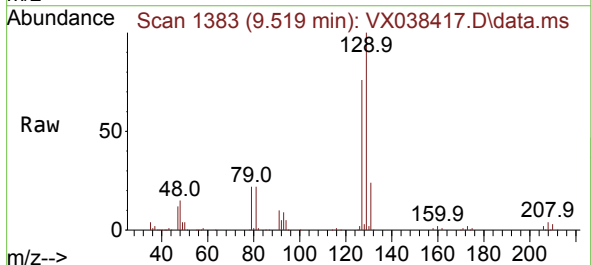
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

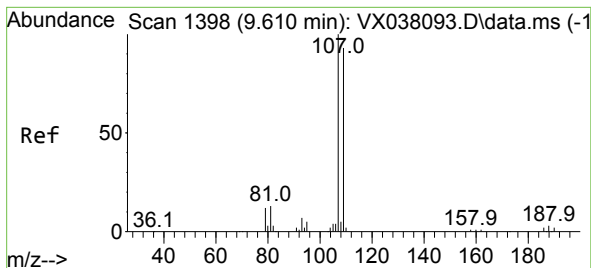
Tgt Ion: 43 Resp: 612034
Ion Ratio Lower Upper
43 100
58 56.1 26.2 78.5



#60
Dibromochloromethane
Concen: 60.567 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 129 Resp: 103751
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.4

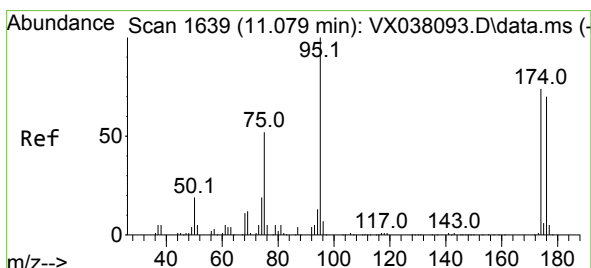
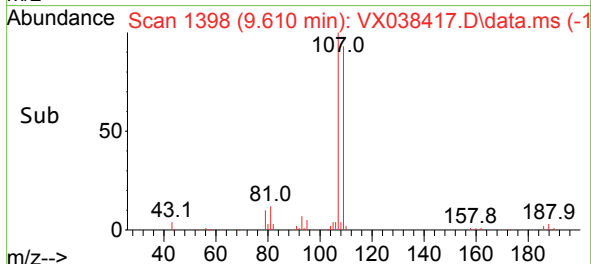
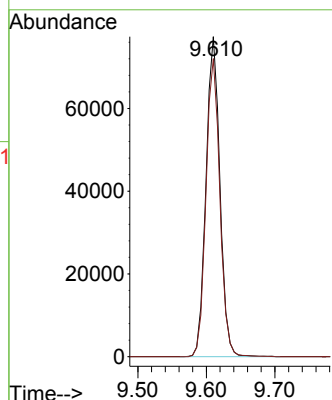
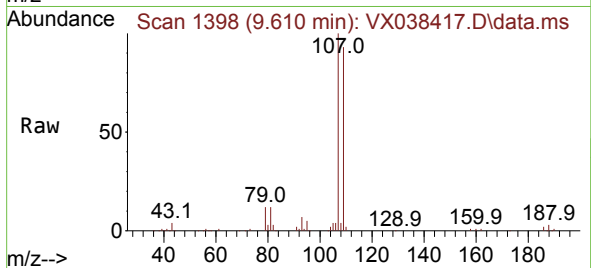




#61
1,2-Dibromoethane
Concen: 57.662 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

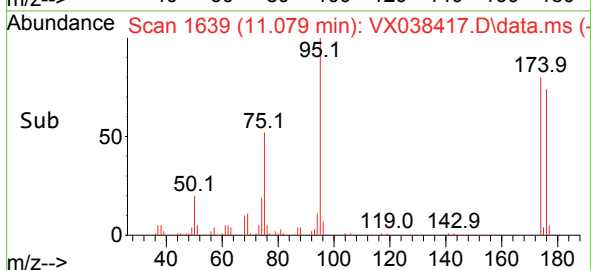
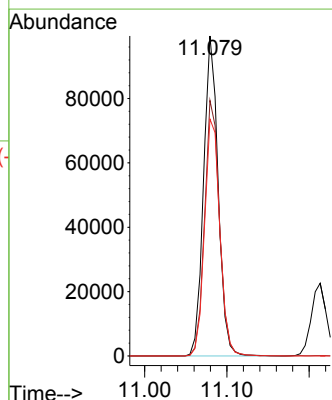
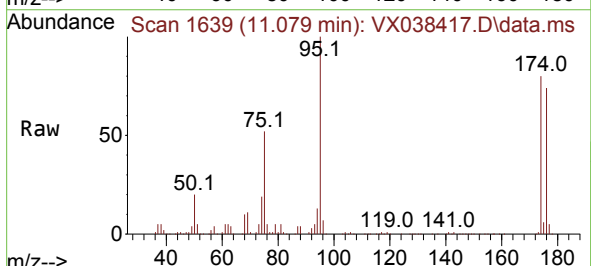
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

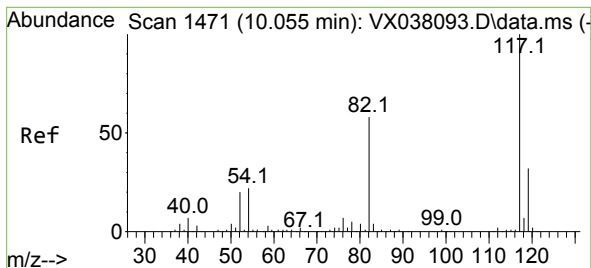
Tgt Ion:107 Resp: 109139
Ion Ratio Lower Upper
107 100
109 93.2 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 51.831 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 95 Resp: 122293
Ion Ratio Lower Upper
95 100
174 81.5 0.0 135.6
176 77.9 0.0 131.0

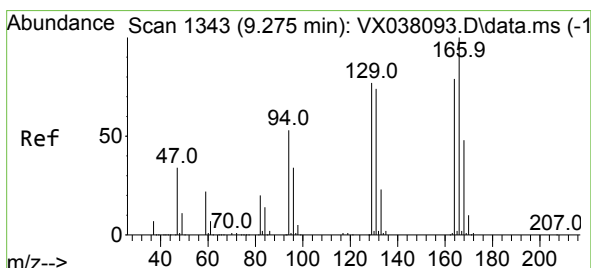
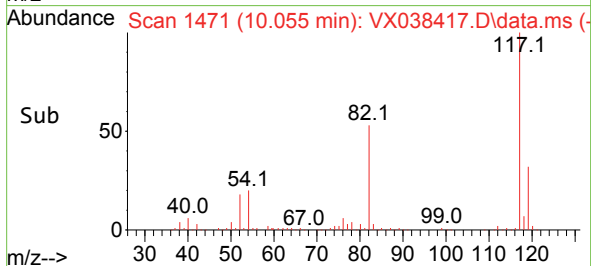
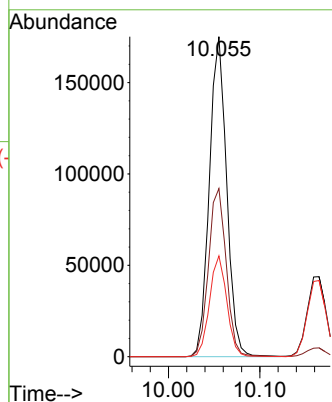
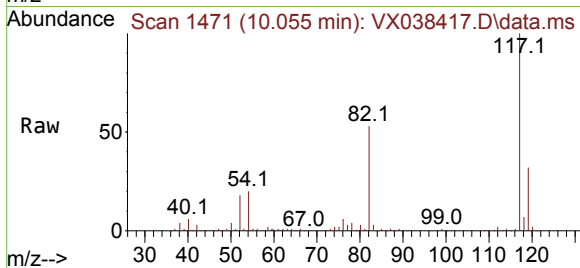




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

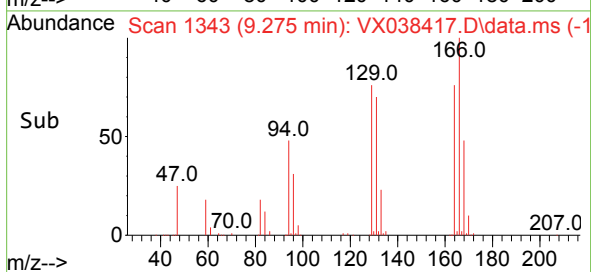
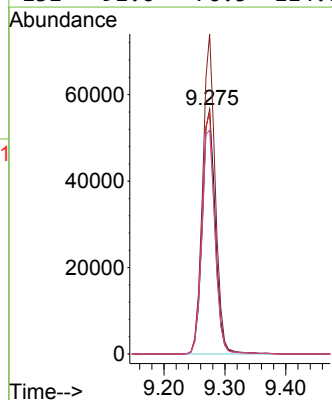
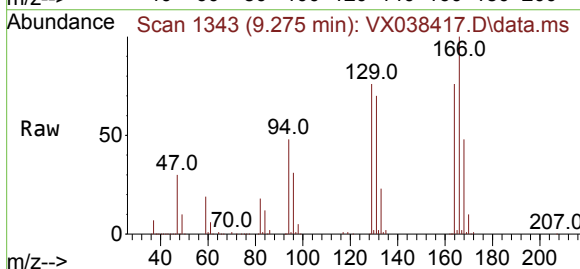
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

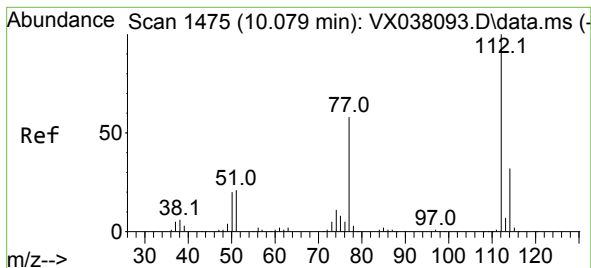
Tgt Ion:117 Resp: 229985
Ion Ratio Lower Upper
117 100
82 52.6 46.2 69.4
119 31.5 25.5 38.3



#64
Tetrachloroethene
Concen: 56.288 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion:164 Resp: 83805
Ion Ratio Lower Upper
164 100
166 130.9 102.7 154.1
129 98.9 80.4 120.6
131 91.6 76.5 114.7

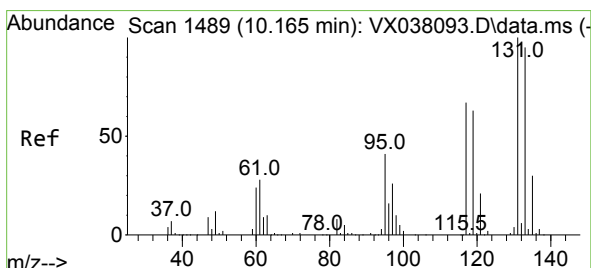
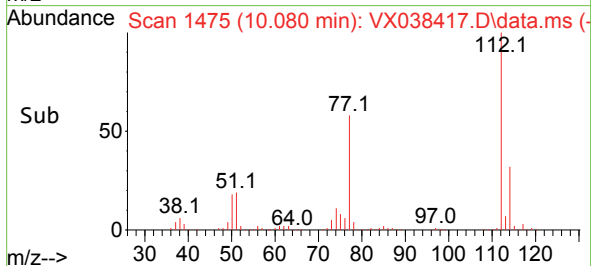
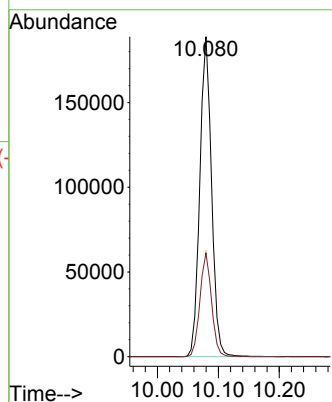
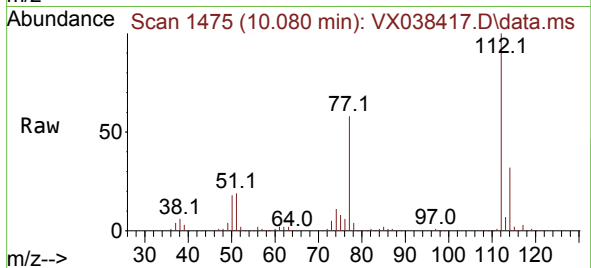




#65
Chlorobenzene
Concen: 52.397 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

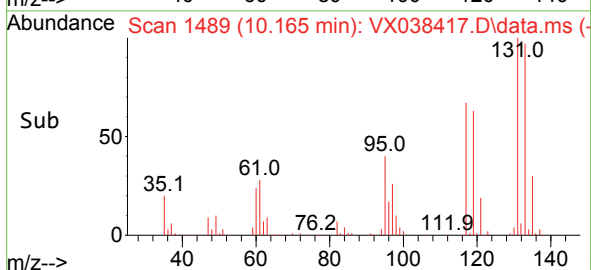
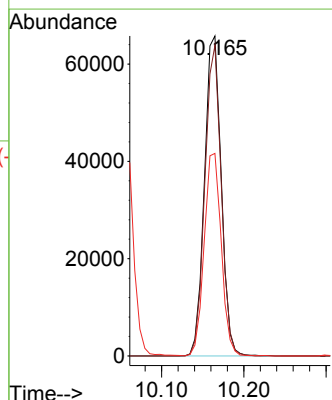
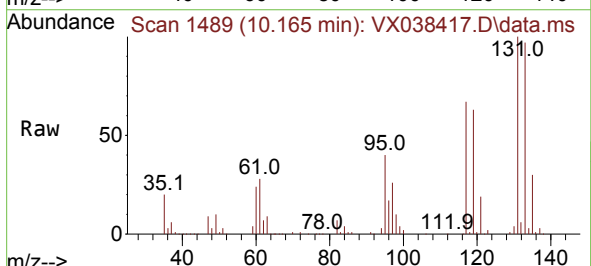
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

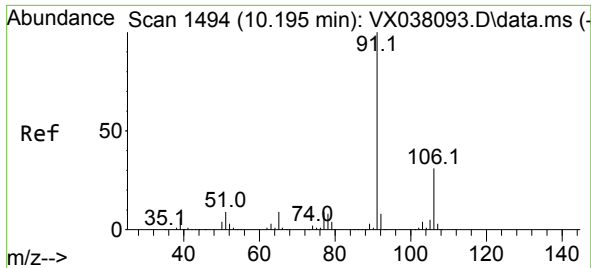
Tgt Ion:112 Resp: 252165
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 57.339 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion:131 Resp: 93312
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.4
119 64.5 32.2 96.6

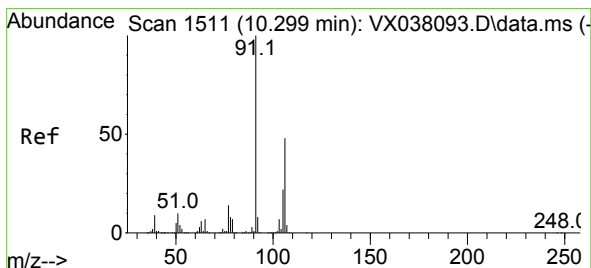
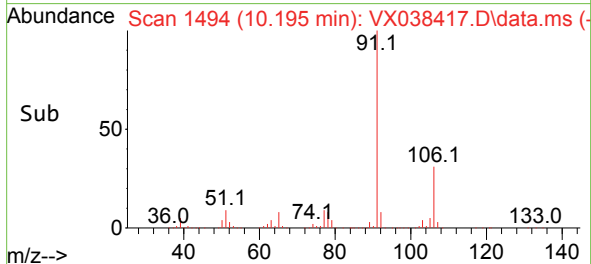
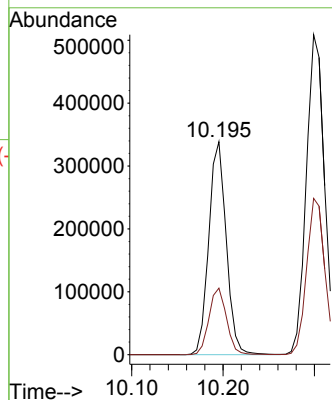
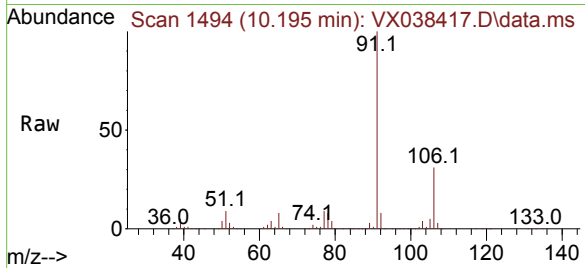




#67
Ethyl Benzene
Concen: 52.266 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

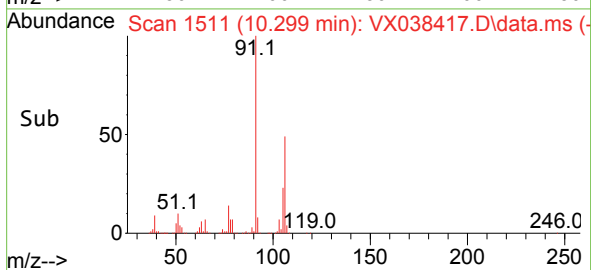
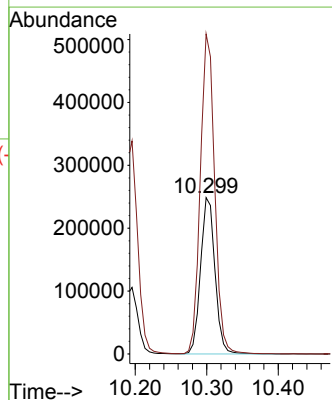
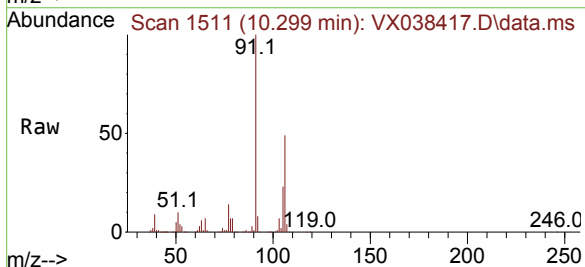
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

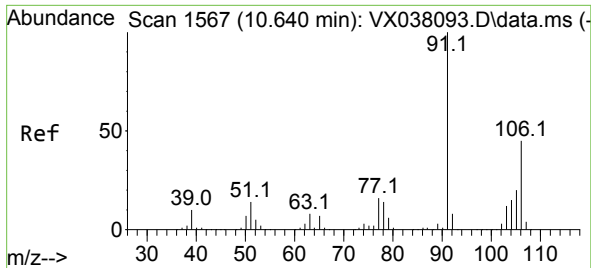
Tgt Ion: 91 Resp: 448979
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3



#68
m/p-Xylenes
Concen: 104.514 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 106 Resp: 347152
Ion Ratio Lower Upper
106 100
91 204.3 165.5 248.3

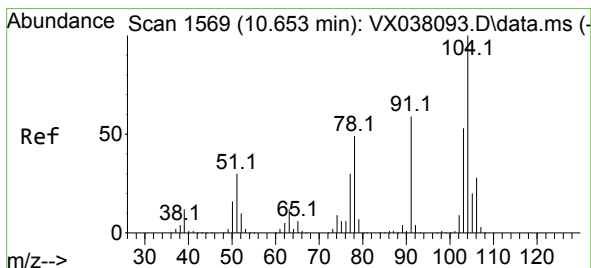
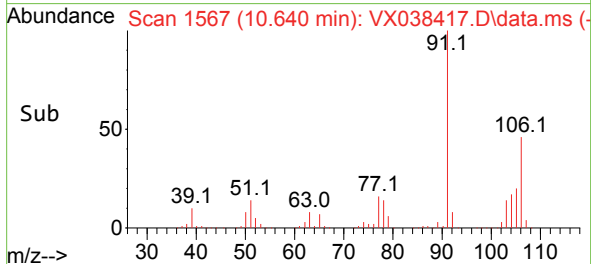
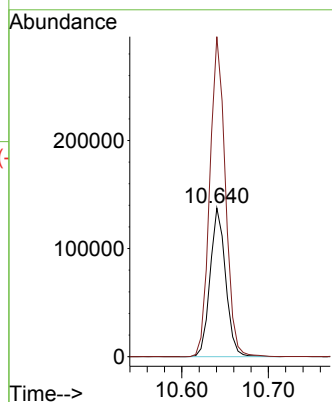
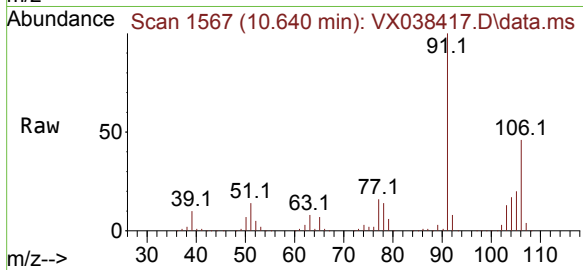




#69
o-Xylene
Concen: 52.717 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

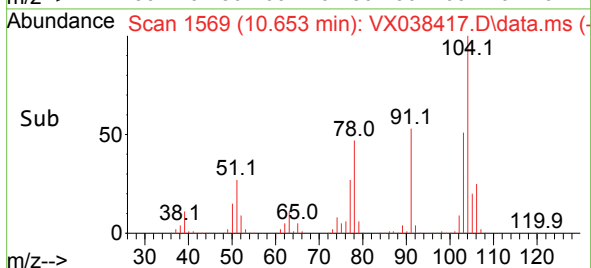
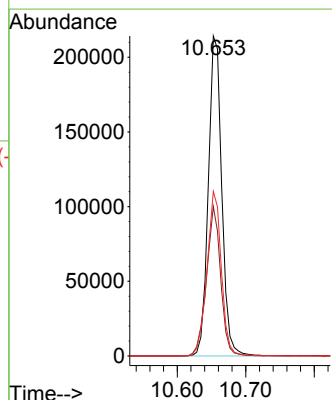
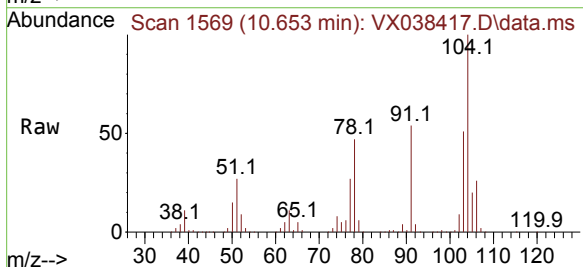
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

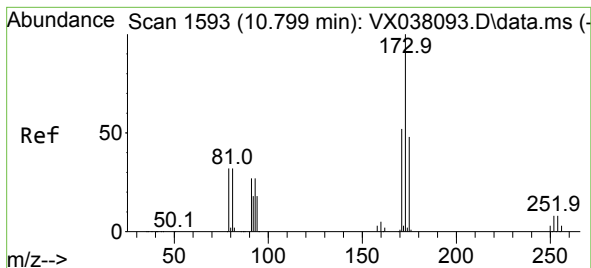
Tgt Ion:106 Resp: 170901
Ion Ratio Lower Upper
106 100
91 216.5 108.9 326.8



#70
Styrene
Concen: 55.510 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion:104 Resp: 293059
Ion Ratio Lower Upper
104 100
78 49.4 43.6 65.4
103 55.1 43.6 65.4





#71

Bromoform

Concen: 50.901 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038417.D

Acq: 20 Oct 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

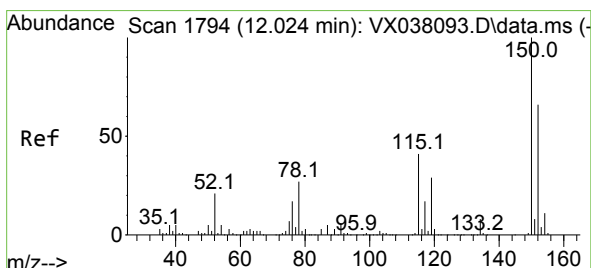
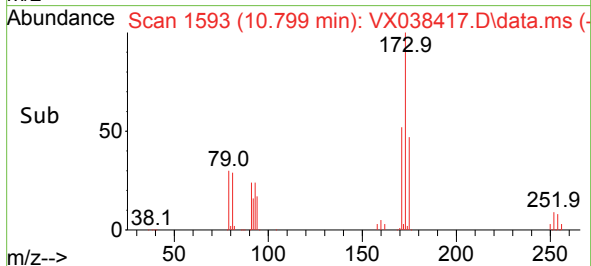
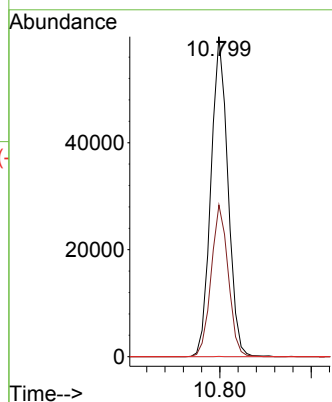
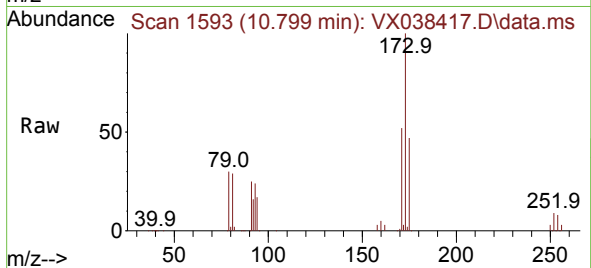
Tgt Ion:173 Resp: 76927

Ion Ratio Lower Upper

173 100

175 47.6 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: VX038417.D

Acq: 20 Oct 2023 20:54

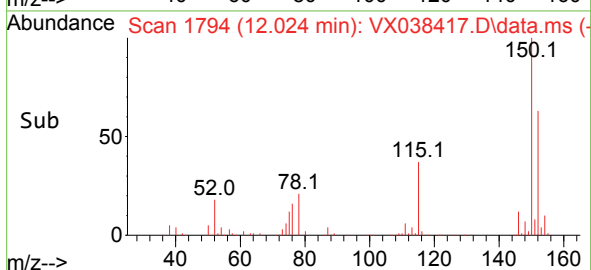
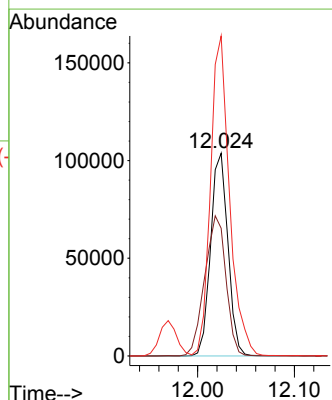
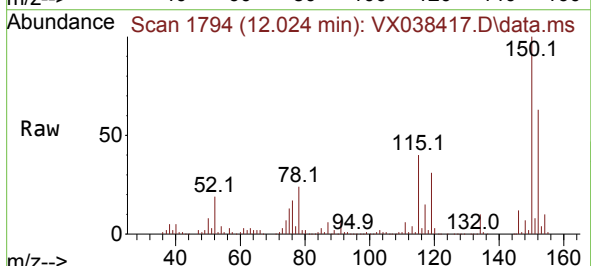
Tgt Ion:152 Resp: 129170

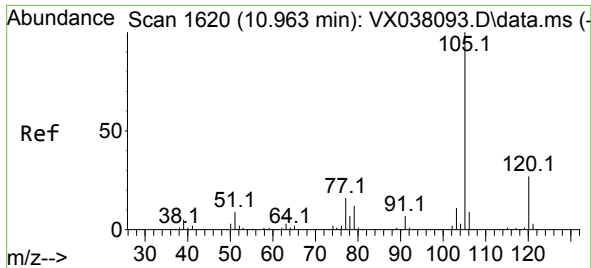
Ion Ratio Lower Upper

152 100

115 85.0 43.3 129.9

150 173.0 0.0 345.0

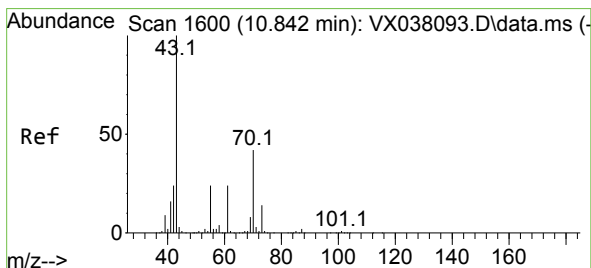
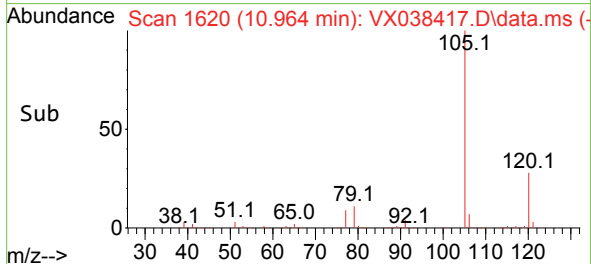
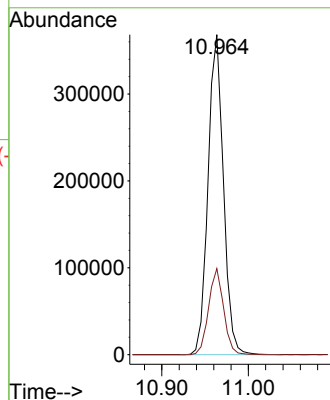
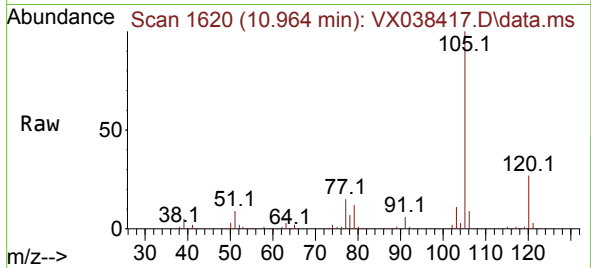




#73
Isopropylbenzene
Concen: 52.416 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

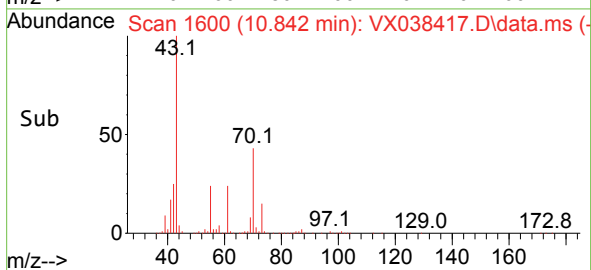
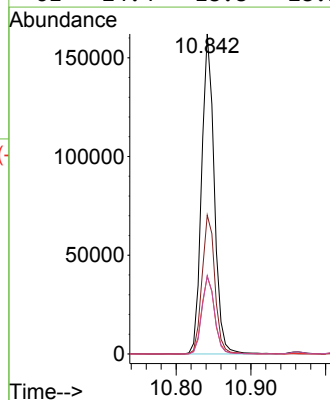
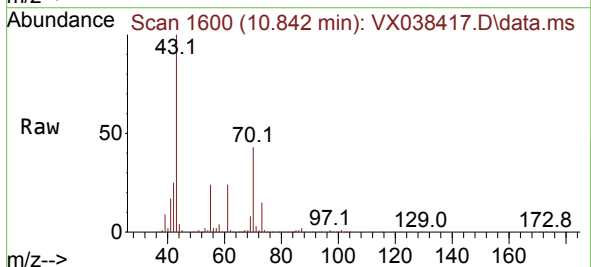
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

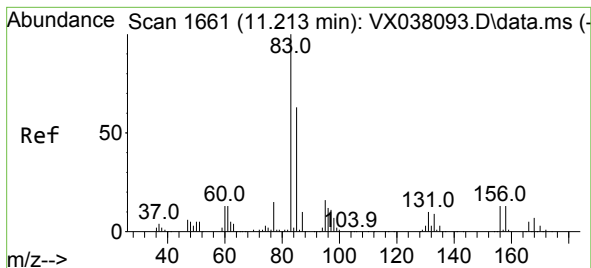
Tgt Ion:105 Resp: 454057
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6



#74
N-ethyl acetate
Concen: 51.452 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 43 Resp: 190333
Ion Ratio Lower Upper
43 100
70 44.2 32.9 49.3
55 24.9 19.3 28.9
61 24.4 18.8 28.2





#75

1,1,2-Tetrachloroethane

Concen: 53.562 ug/l

RT: 11.214 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX038417.D

Acq: 20 Oct 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

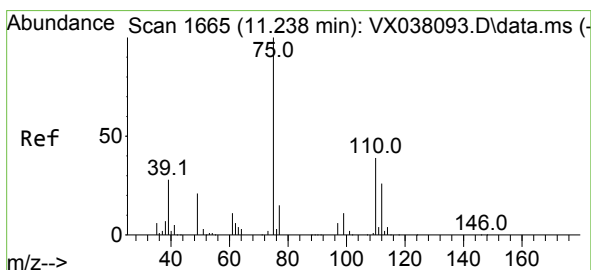
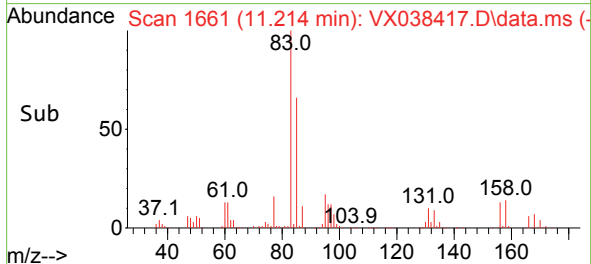
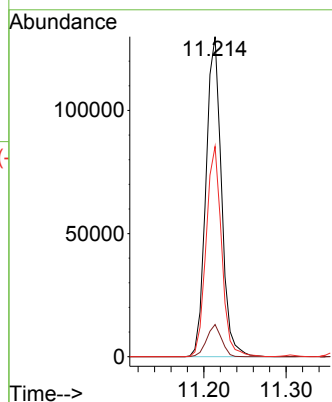
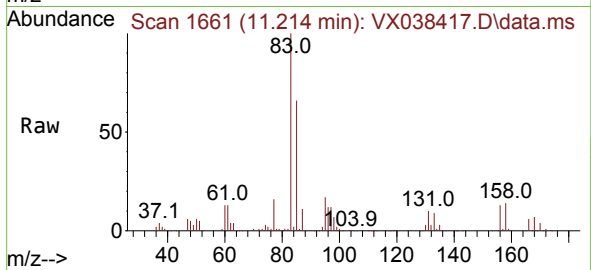
Tgt Ion: 83 Resp: 170256

Ion Ratio Lower Upper

83 100

131 9.6 5.3 15.8

85 65.7 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 61.830 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX038417.D

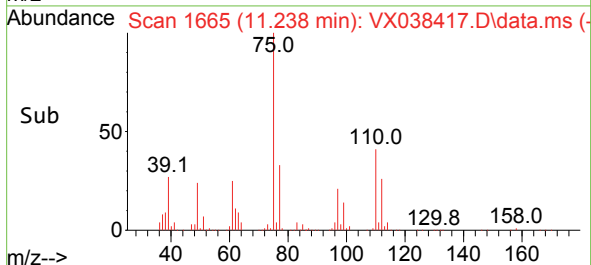
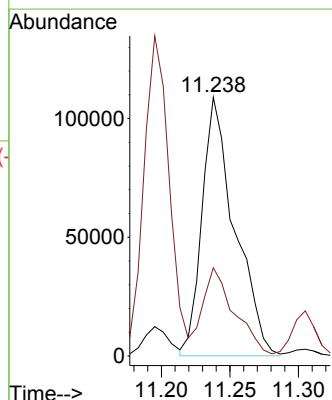
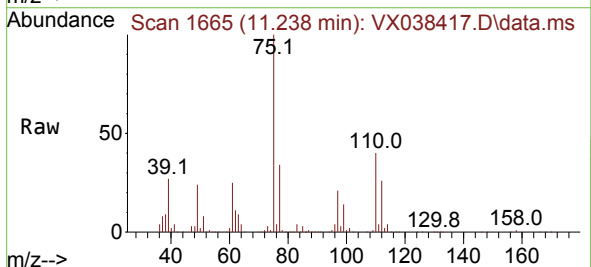
Acq: 20 Oct 2023 20:54

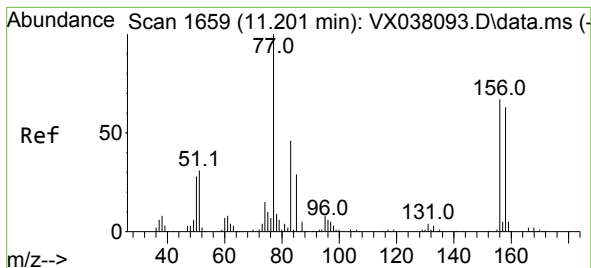
Tgt Ion: 75 Resp: 181564

Ion Ratio Lower Upper

75 100

77 33.1 19.1 57.5





#77

Bromobenzene

Concen: 53.540 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038417.D

Acq: 20 Oct 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

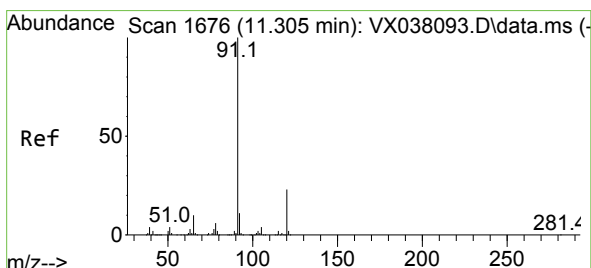
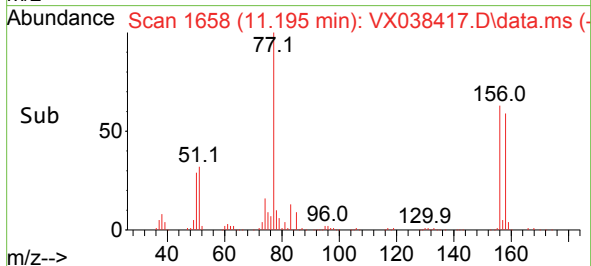
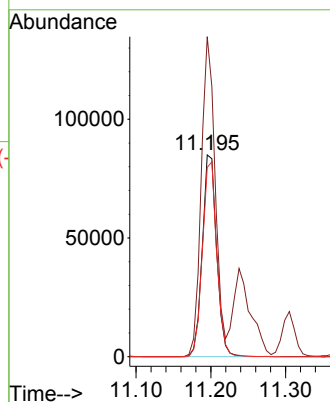
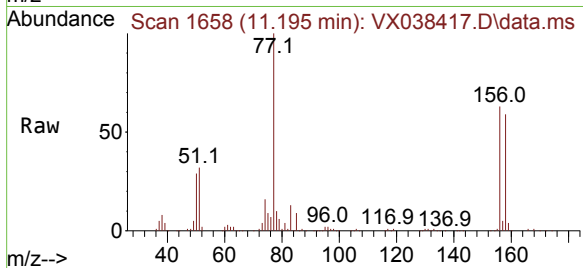
Tgt Ion:156 Resp: 113232

Ion Ratio Lower Upper

156 100

77 153.8 88.4 265.3

158 97.0 48.0 144.0



#78

n-propylbenzene

Concen: 51.121 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038417.D

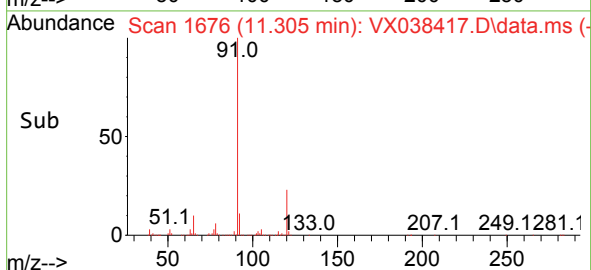
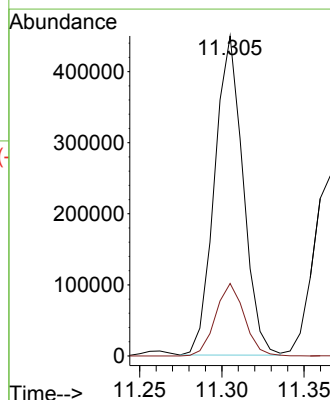
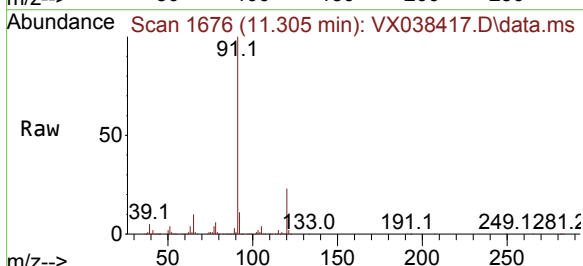
Acq: 20 Oct 2023 20:54

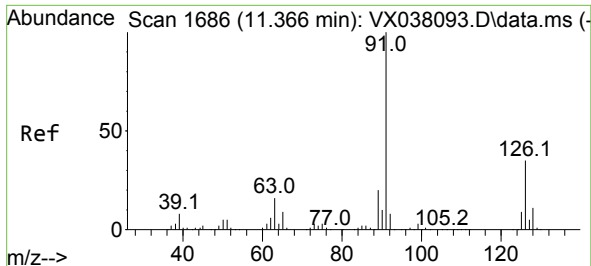
Tgt Ion: 91 Resp: 541473

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

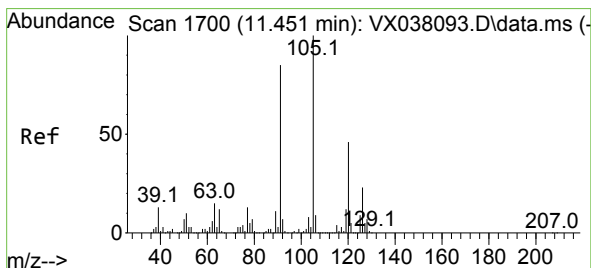
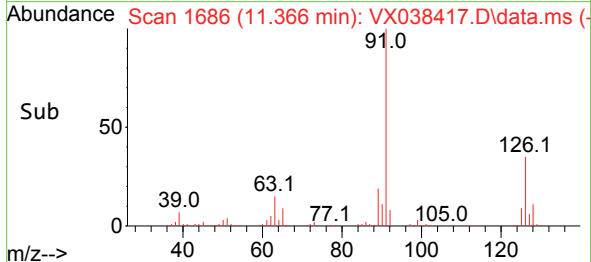
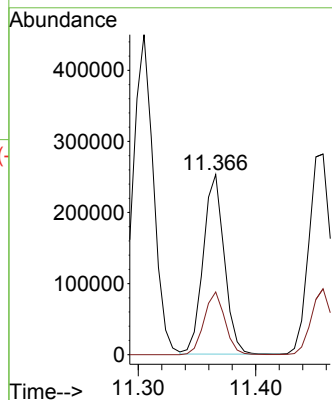
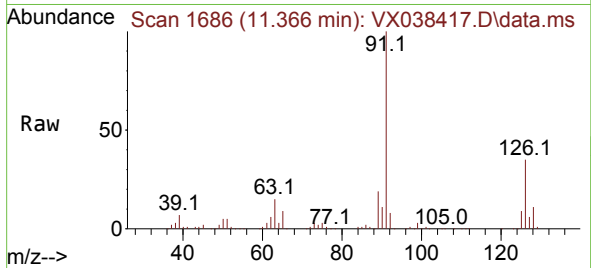




#79
2-Chlorotoluene
Concen: 50.087 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

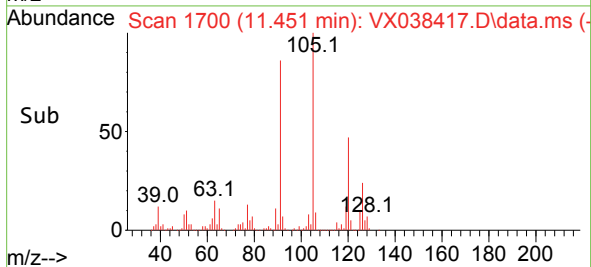
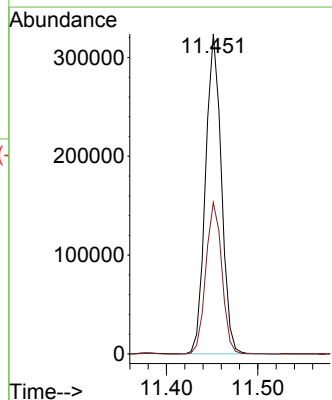
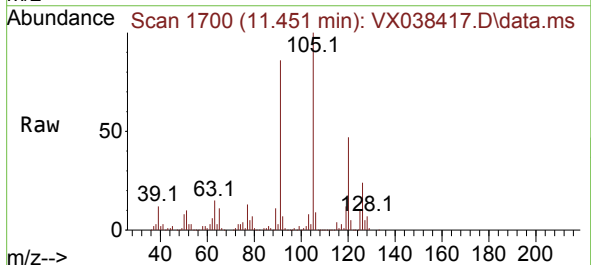
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

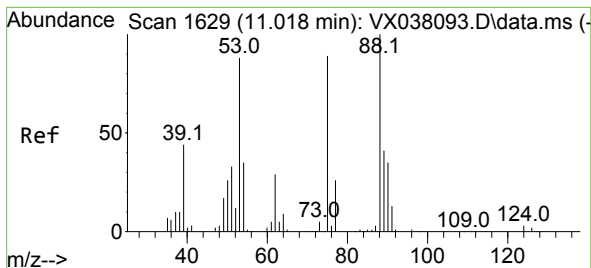
Tgt Ion: 91 Resp: 314627
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 51.912 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 105 Resp: 387962
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3

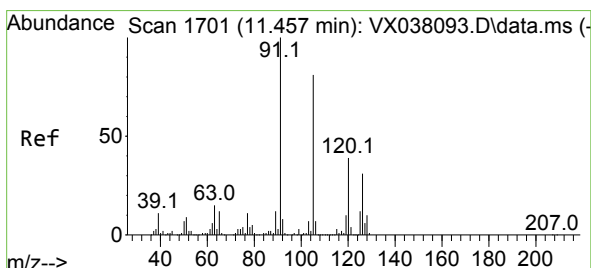
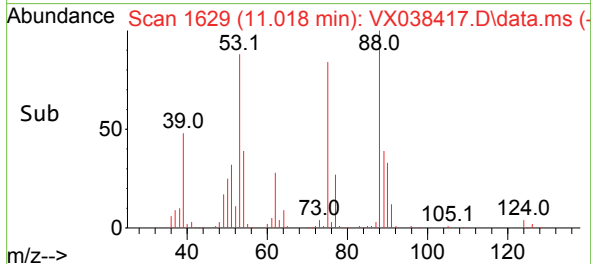
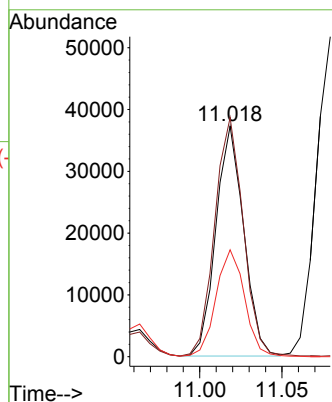
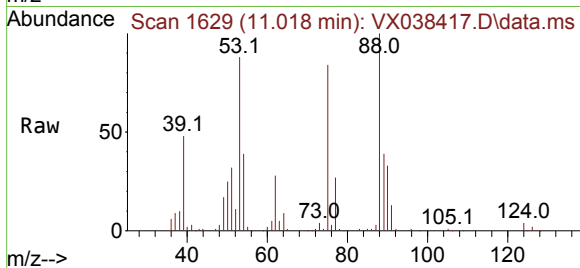




#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.038 ug/l
 RT: 11.018 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX038417.D
 Acq: 20 Oct 2023 20:54

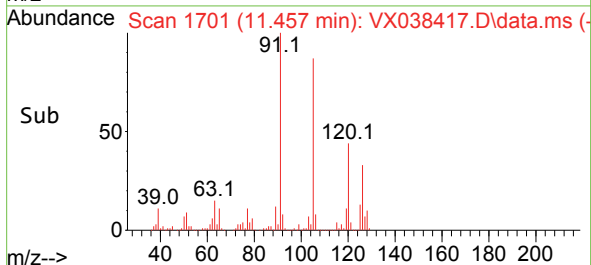
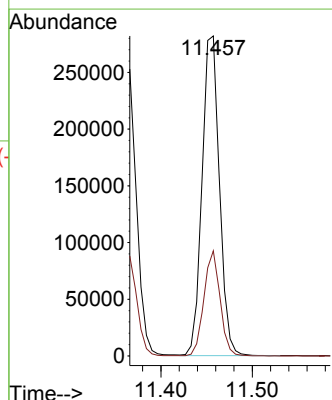
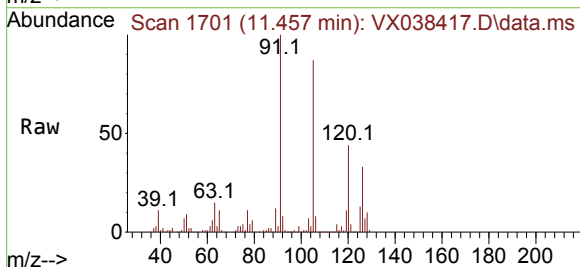
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

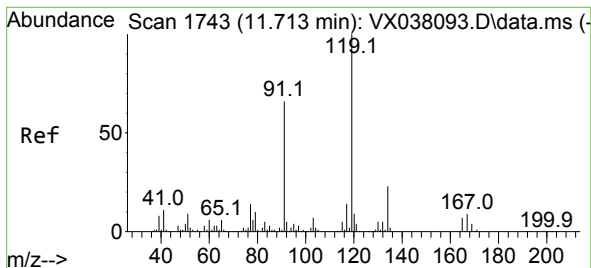
Tgt Ion: 75 Resp: 43762
 Ion Ratio Lower Upper
 75 100
 53 107.6 90.5 135.7
 89 47.8 36.9 55.3



#82
 4-Chlorotoluene
 Concen: 50.058 ug/l
 RT: 11.457 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VX038417.D
 Acq: 20 Oct 2023 20:54

Tgt Ion: 91 Resp: 372093
 Ion Ratio Lower Upper
 91 100
 126 30.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 53.056 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038417.D

Acq: 20 Oct 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

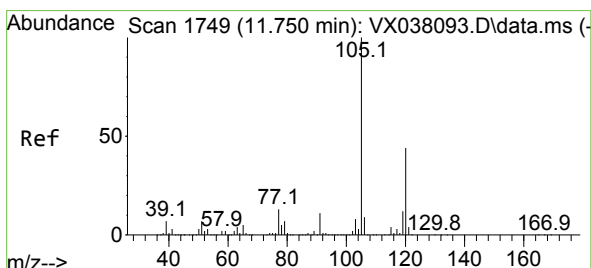
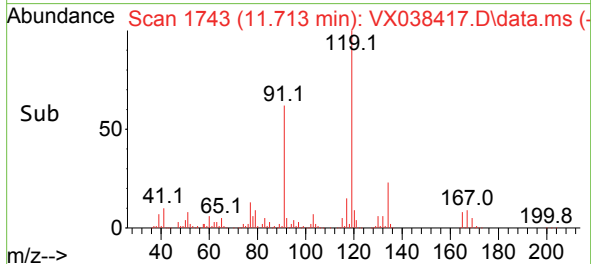
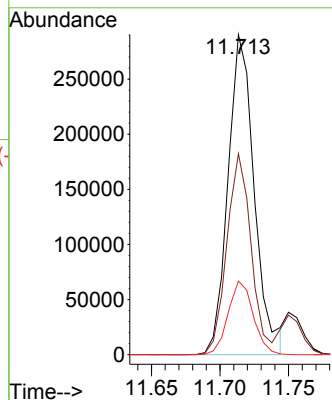
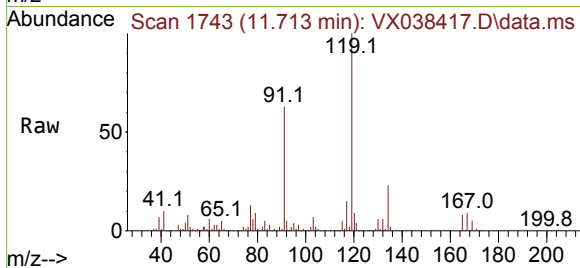
Tgt Ion:119 Resp: 387445

Ion Ratio Lower Upper

119 100

91 57.9 31.2 93.6

134 22.1 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 51.935 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX038417.D

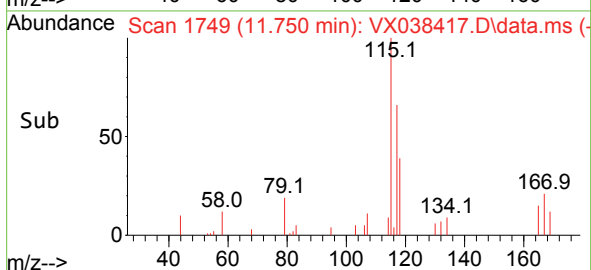
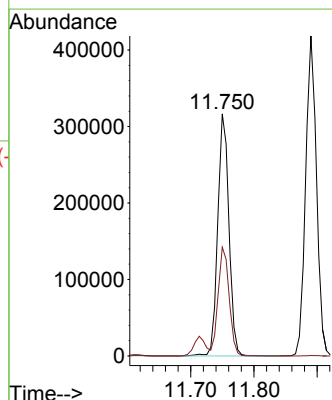
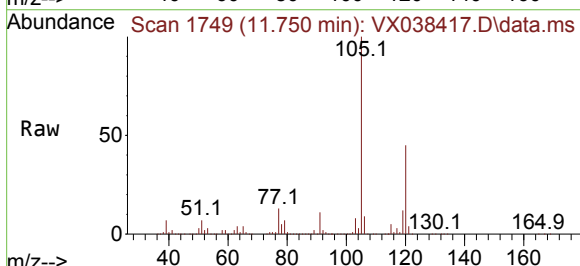
Acq: 20 Oct 2023 20:54

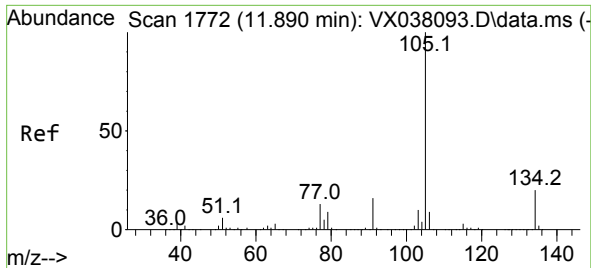
Tgt Ion:105 Resp: 386992

Ion Ratio Lower Upper

105 100

120 44.2 21.2 63.6

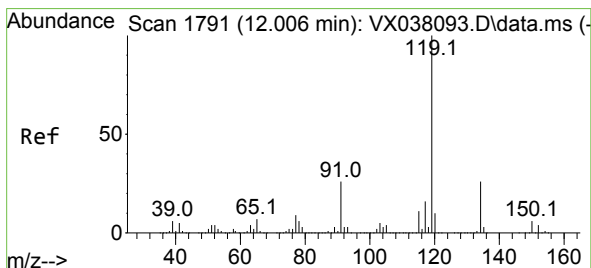
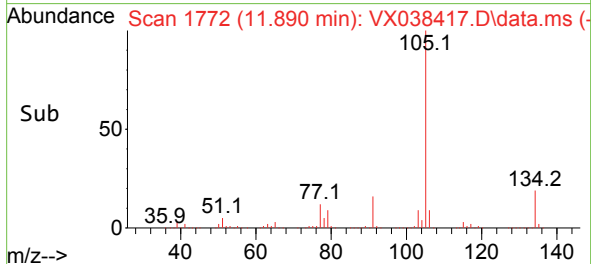
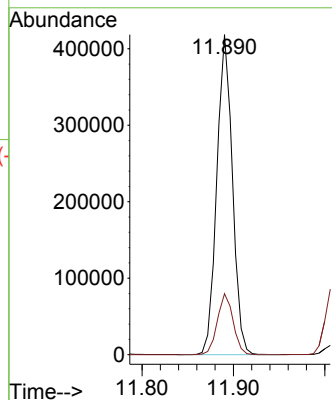
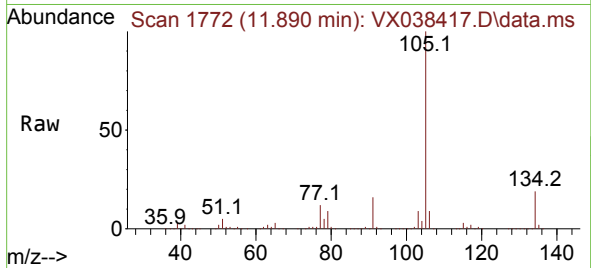




#85
 sec-Butylbenzene
 Concen: 52.362 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038417.D
 Acq: 20 Oct 2023 20:54

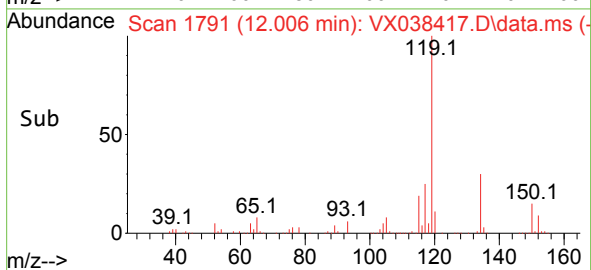
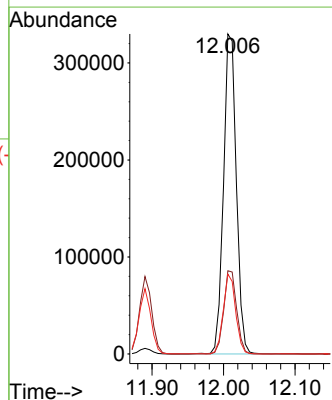
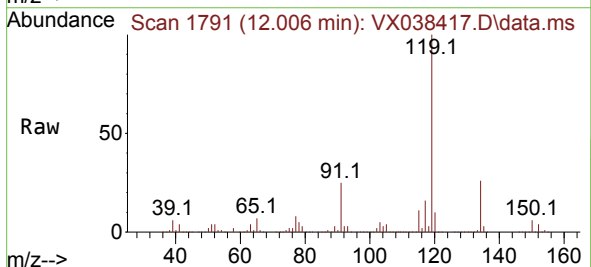
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

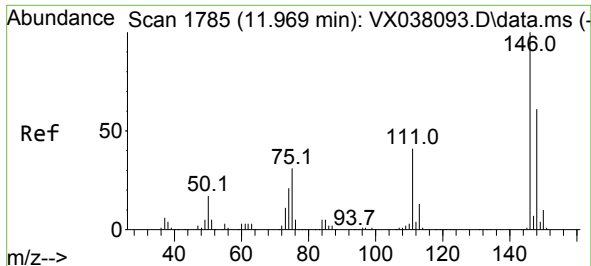
Tgt Ion:105 Resp: 495325
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 52.718 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038417.D
 Acq: 20 Oct 2023 20:54

Tgt Ion:119 Resp: 411446
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 24.2 13.1 39.3

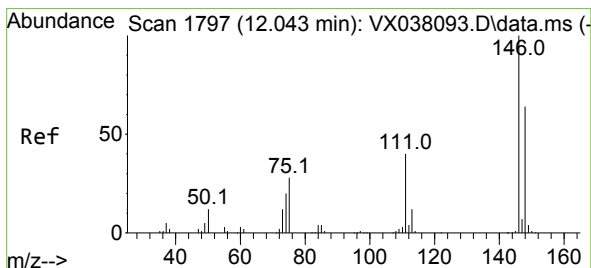
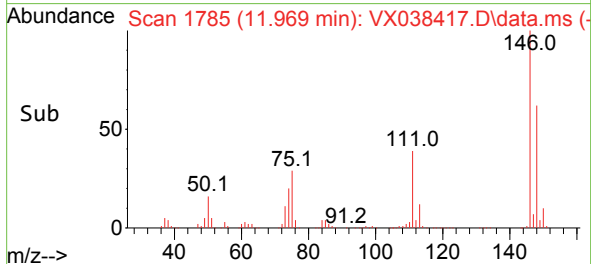
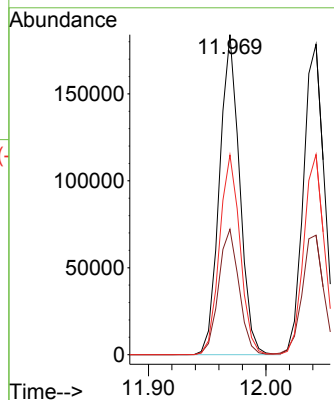
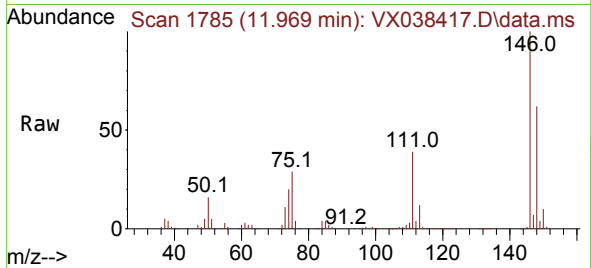




#87
 1,3-Dichlorobenzene
 Concen: 51.674 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX038417.D
 Acq: 20 Oct 2023 20:54

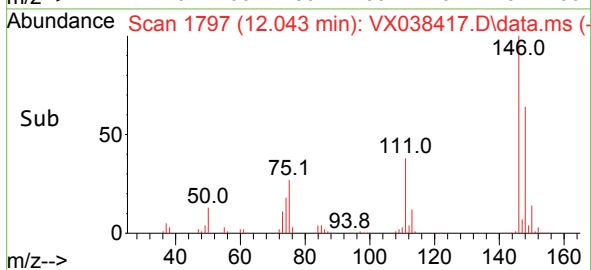
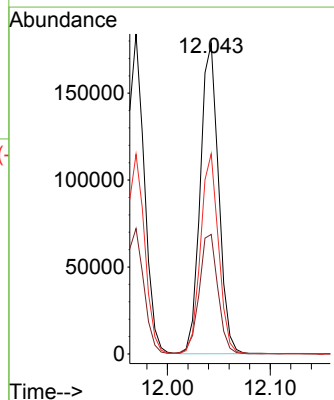
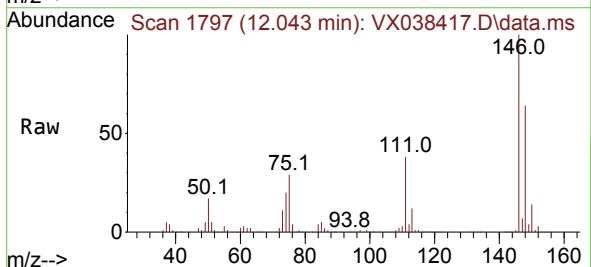
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

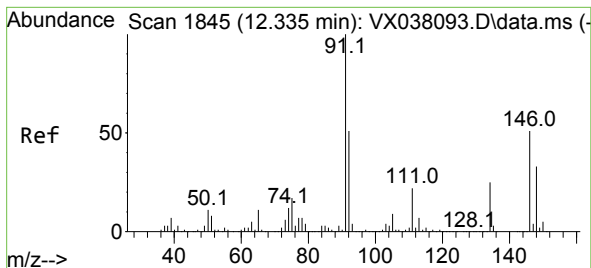
Tgt Ion:146 Resp: 219502
 Ion Ratio Lower Upper
 146 100
 111 40.0 22.1 66.1
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.024 ug/l
 RT: 12.043 min Scan# 1797
 Delta R.T. -0.000 min
 Lab File: VX038417.D
 Acq: 20 Oct 2023 20:54

Tgt Ion:146 Resp: 221278
 Ion Ratio Lower Upper
 146 100
 111 39.6 21.3 63.7
 148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 49.942 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038417.D

Acq: 20 Oct 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

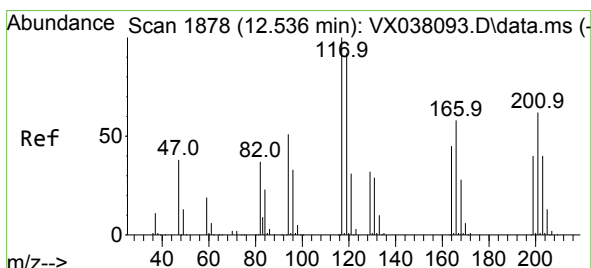
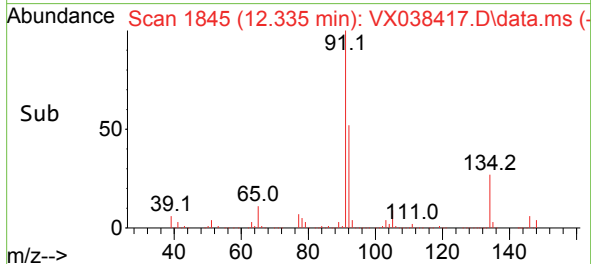
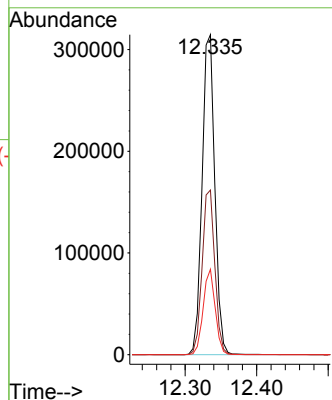
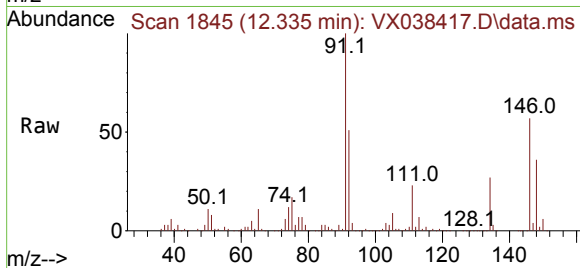
Tgt Ion: 91 Resp: 388185

Ion Ratio Lower Upper

91 100

92 51.5 27.4 82.0

134 25.3 12.6 37.8



#90

Hexachloroethane

Concen: 53.053 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038417.D

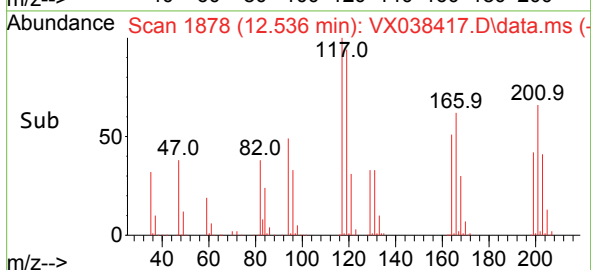
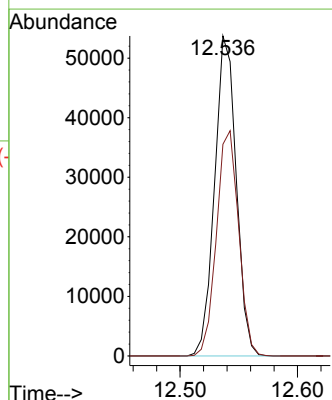
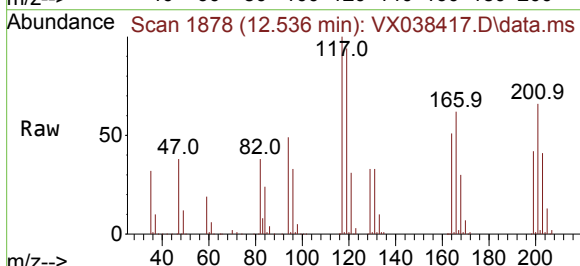
Acq: 20 Oct 2023 20:54

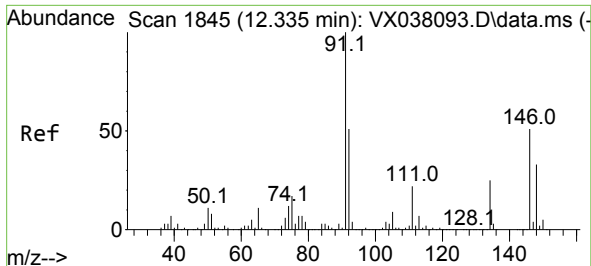
Tgt Ion: 117 Resp: 68652

Ion Ratio Lower Upper

117 100

201 72.3 32.9 98.6

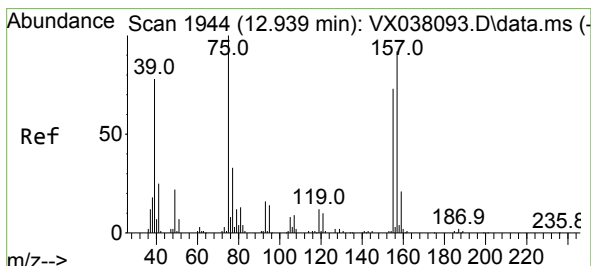
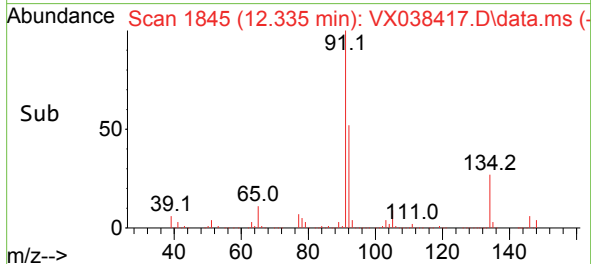
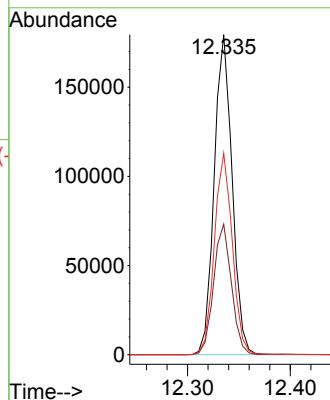
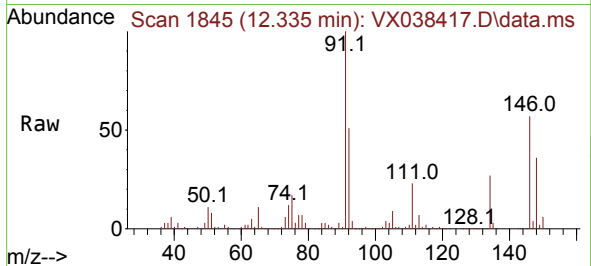




#91
1,2-Dichlorobenzene
Concen: 53.148 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

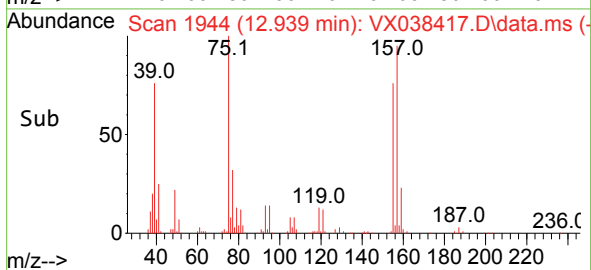
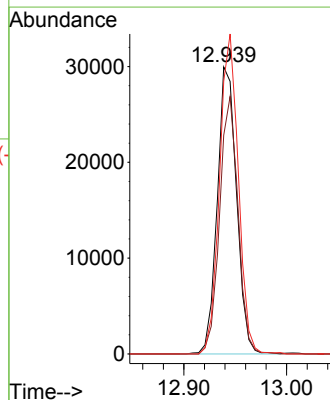
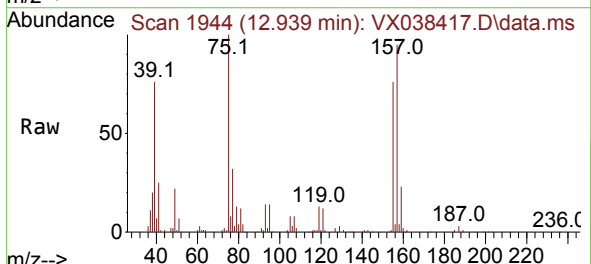
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

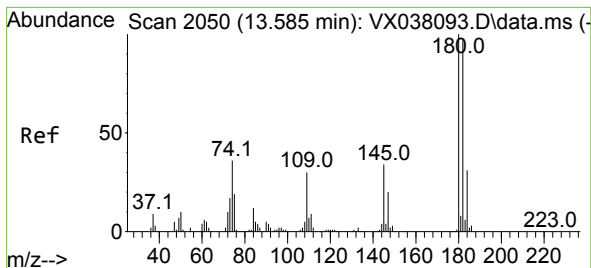
Tgt Ion:146 Resp: 217010
Ion Ratio Lower Upper
146 100
111 40.6 22.4 67.0
148 63.2 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.772 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion: 75 Resp: 39020
Ion Ratio Lower Upper
75 100
155 85.7 36.1 108.5
157 108.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.085 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038417.D

Acq: 20 Oct 2023 20:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

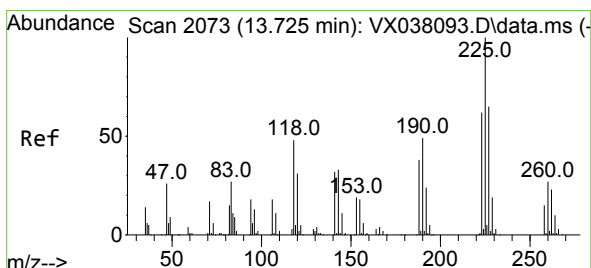
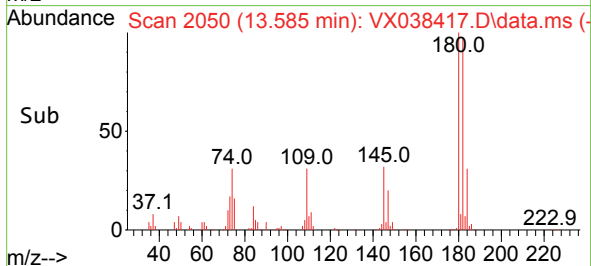
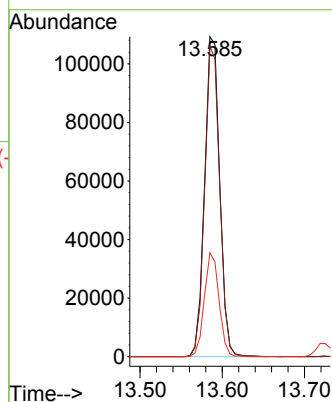
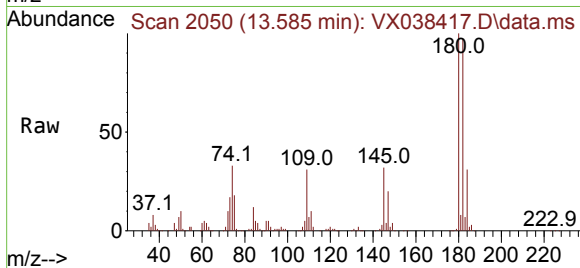
Tgt Ion:180 Resp: 139904

Ion Ratio Lower Upper

180 100

182 95.9 48.3 144.8

145 31.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 53.077 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038417.D

Acq: 20 Oct 2023 20:54

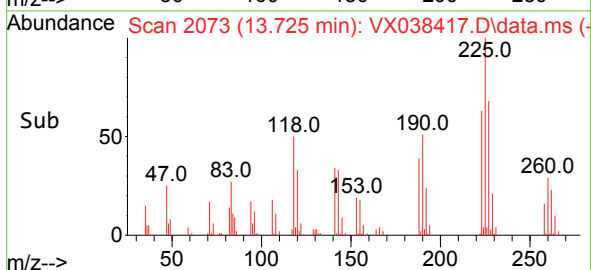
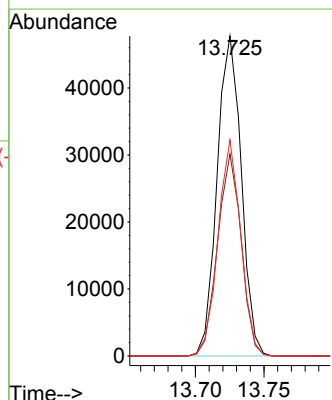
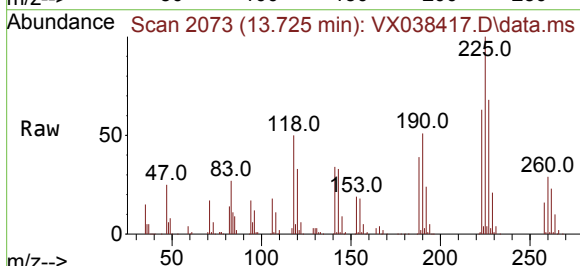
Tgt Ion:225 Resp: 58505

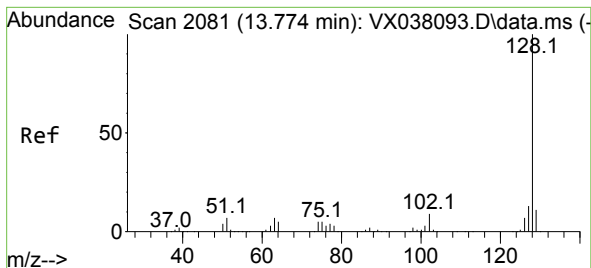
Ion Ratio Lower Upper

225 100

223 61.6 31.1 93.2

227 63.8 32.5 97.5

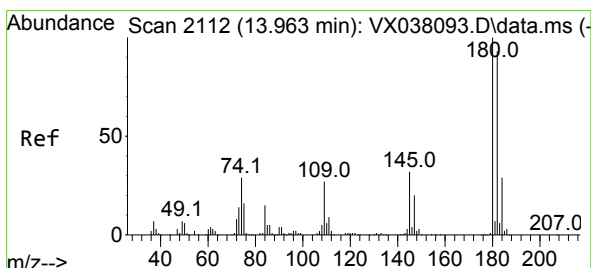
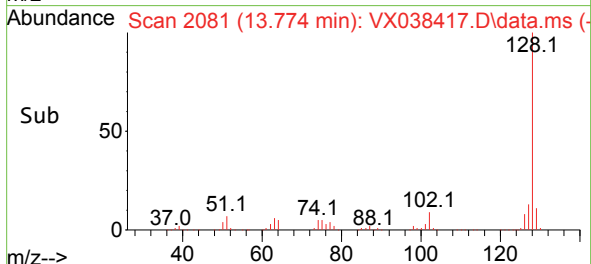
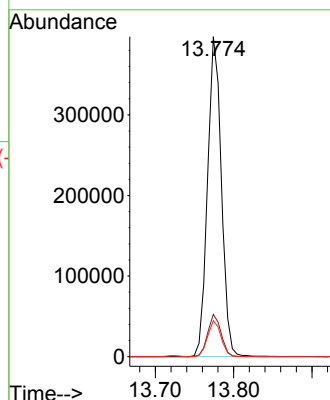
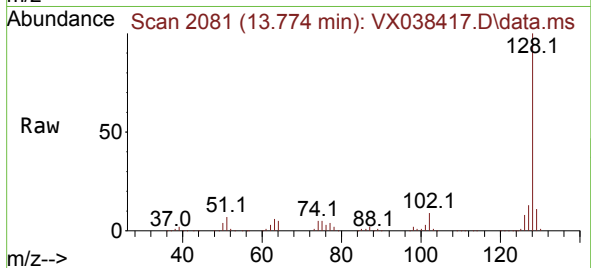




#95
Naphthalene
Concen: 50.925 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 485678
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.247 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038417.D
Acq: 20 Oct 2023 20:54

Tgt Ion:180 Resp: 138544
Ion Ratio Lower Upper
180 100
182 94.4 46.9 140.6
145 32.7 17.8 53.5

