

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062423\
 Data File : VX036322.D
 Acq On : 24 Jun 2023 19:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 26 03:29:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	201081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	369218	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	336378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153433	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157052	54.487	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.980%	
35) Dibromofluoromethane	5.391	113	121222	49.793	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.580%	
50) Toluene-d8	8.647	98	446740	49.131	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.260%	
62) 4-Bromofluorobenzene	11.079	95	158132	49.373	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	89182	46.847	ug/l	98
3) Chloromethane	1.294	50	151743	45.949	ug/l	97
4) Vinyl Chloride	1.374	62	166551	46.131	ug/l	100
5) Bromomethane	1.618	94	125937	47.671	ug/l	97
6) Chloroethane	1.691	64	134377	50.699	ug/l	97
7) Trichlorofluoromethane	1.886	101	253405	46.166	ug/l	99
8) Diethyl Ether	2.136	74	110599	52.196	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	110184	47.830	ug/l	97
10) Methyl Iodide	2.453	142	142051	50.890	ug/l	93
11) Tert butyl alcohol	3.008	59	138049	263.116	ug/l	98
12) 1,1-Dichloroethene	2.319	96	111698	48.878	ug/l	93
13) Acrolein	2.239	56	181773	252.266	ug/l	99
14) Allyl chloride	2.666	41	196087	52.800	ug/l	98
15) Acrylonitrile	3.068	53	360897	271.374	ug/l	98
16) Acetone	2.398	43	305613	248.062	ug/l	94
17) Carbon Disulfide	2.514	76	262043	46.690	ug/l	100
18) Methyl Acetate	2.709	43	290490	57.338	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	411043	55.657	ug/l	99
20) Methylene Chloride	2.794	84	132094	49.797	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	120122	49.259	ug/l	96
22) Diisopropyl ether	3.757	45	412256	55.399	ug/l	96
23) Vinyl Acetate	3.721	43	1520395	281.532	ug/l	99
24) 1,1-Dichloroethane	3.611	63	232641	53.046	ug/l	99
25) 2-Butanone	4.562	43	484149	273.509	ug/l	96
26) 2,2-Dichloropropane	4.477	77	147178	47.317	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	142703	52.180	ug/l	94
28) Bromochloromethane	4.897	49	116804	51.353	ug/l	92
29) Tetrahydrofuran	5.013	42	309818	274.909	ug/l	95
30) Chloroform	5.093	83	235653	53.348	ug/l	99
31) Cyclohexane	5.471	56	180500	48.867	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	196919	53.369	ug/l	99
36) 1,1-Dichloropropene	5.696	75	164569	45.349	ug/l	98
37) Ethyl Acetate	4.715	43	196622	53.160	ug/l	98
38) Carbon Tetrachloride	5.678	117	161832	48.826	ug/l	98
39) Methylcyclohexane	7.385	83	193710	44.566	ug/l	93
40) Benzene	6.037	78	503313	49.649	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	105607	51.469	ug/l	93
42) 1,2-Dichloroethane	6.086	62	196455	50.950	ug/l	99
43) Isopropyl Acetate	6.336	43	318417	53.965	ug/l	98
44) Trichloroethene	7.129	130	130999	46.459	ug/l	98
45) 1,2-Dichloropropane	7.427	63	140719	50.968	ug/l	99
46) Dibromomethane	7.580	93	99002	50.941	ug/l	95
47) Bromodichloromethane	7.824	83	182218	51.847	ug/l	97
48) Methyl methacrylate	7.690	41	157962	53.693	ug/l	93
49) 1,4-Dioxane	7.708	88	57331	879.049	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	1013636	266.646	ug/l	98
52) Toluene	8.720	92	307606	47.880	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	190432	53.640	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	213381	53.169	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	137545	51.515	ug/l	95
56) Ethyl methacrylate	9.116	69	216233	54.144	ug/l	96
57) 1,3-Dichloropropane	9.311	76	231186	50.523	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	613477	273.339	ug/l	98
59) 2-Hexanone	9.433	43	744216	268.089	ug/l	98
60) Dibromochloromethane	9.519	129	136336	52.555	ug/l	100
61) 1,2-Dibromoethane	9.610	107	143955	50.804	ug/l	99
64) Tetrachloroethene	9.275	164	113070	47.606	ug/l	95
65) Chlorobenzene	10.079	112	348481	49.282	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	124585	52.125	ug/l	97
67) Ethyl Benzene	10.195	91	606329	48.232	ug/l	98
68) m/p-Xylenes	10.299	106	470049	96.241	ug/l	97
69) o-Xylene	10.640	106	234085	49.631	ug/l	98
70) Styrene	10.653	104	380352	49.253	ug/l	97
71) Bromoform	10.799	173	93037	54.270	ug/l #	99
73) Isopropylbenzene	10.963	105	579266	50.097	ug/l	98
74) N-amyl acetate	10.842	43	267412	58.469	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	202144	51.625	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	220117	67.257	ug/l	90
77) Bromobenzene	11.195	156	143300	50.401	ug/l	94
78) n-propylbenzene	11.305	91	672630	49.810	ug/l	100
79) 2-Chlorotoluene	11.366	91	402562	50.113	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	492490	50.294	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	55047	54.828	ug/l	95
82) 4-Chlorotoluene	11.451	91	467931	50.034	ug/l	97
83) tert-Butylbenzene	11.713	119	471473	50.239	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	492876	50.876	ug/l	97
85) sec-Butylbenzene	11.890	105	577985	48.616	ug/l	99
86) p-Isopropyltoluene	12.006	119	486061	48.715	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	255776	48.930	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	252673	47.470	ug/l	98
89) n-Butylbenzene	12.329	91	422229	47.550	ug/l	98
90) Hexachloroethane	12.536	117	76996	50.951	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	253384	49.228	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	41281	55.505	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	158981	50.145	ug/l	96
94) Hexachlorobutadiene	13.725	225	54904	42.284	ug/l	98
95) Naphthalene	13.774	128	564276	53.874	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	161175	52.117	ug/l	98

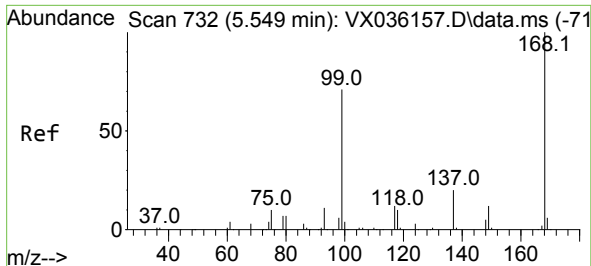
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QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

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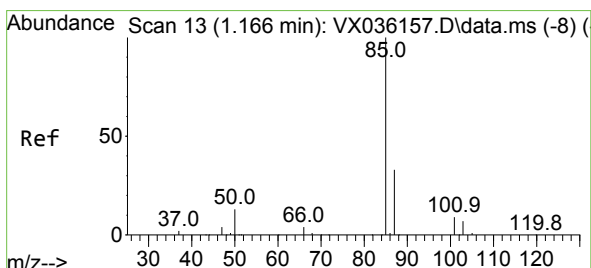
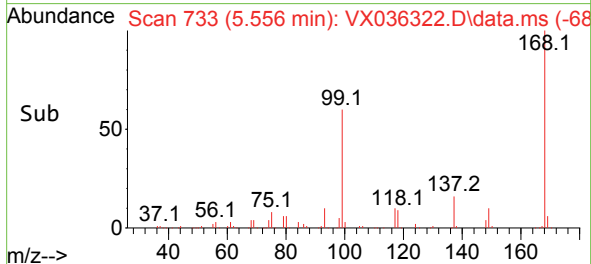
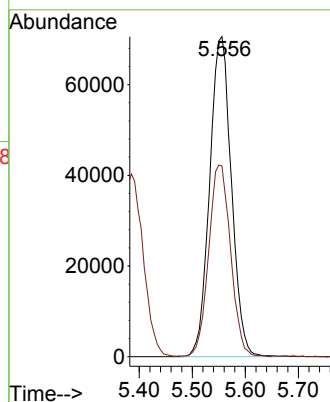
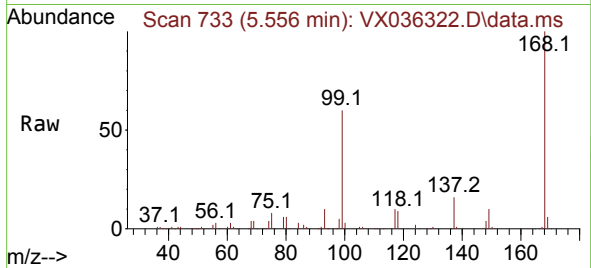
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036322.D
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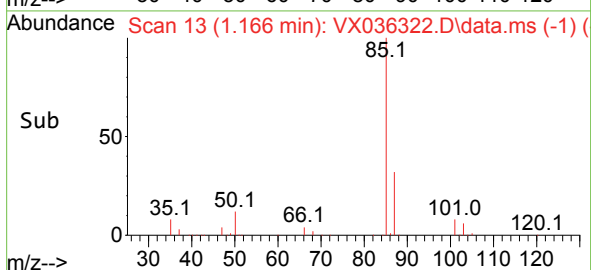
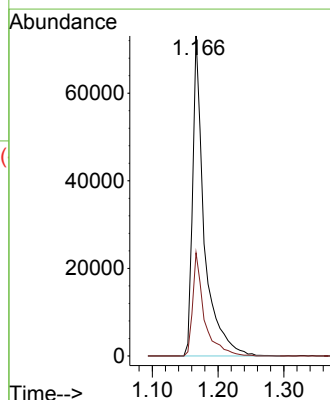
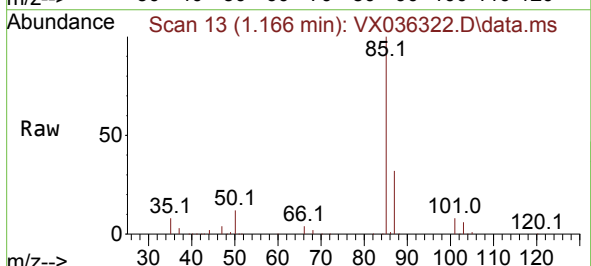
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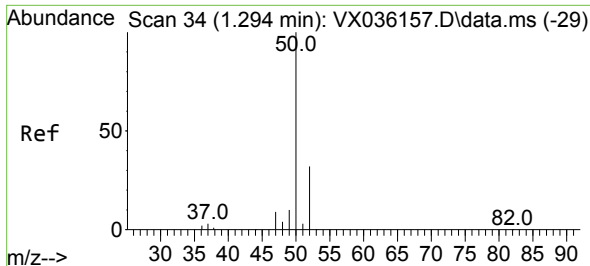
Tgt Ion:168 Resp: 201081
Ion Ratio Lower Upper
168 100
99 59.5 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 46.847 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion: 85 Resp: 89182
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.1

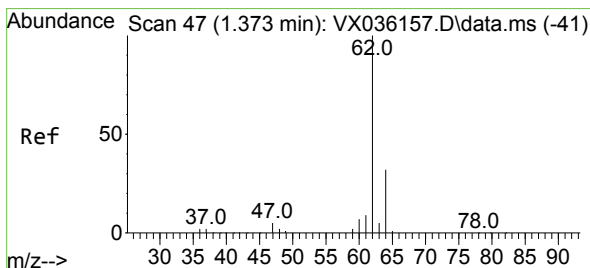
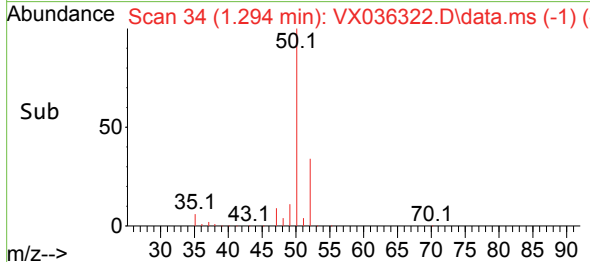
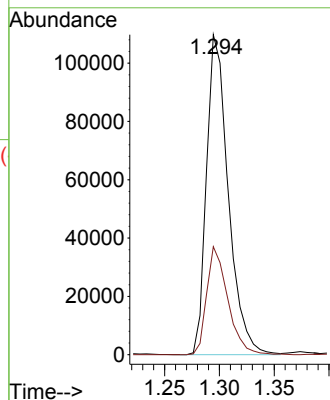
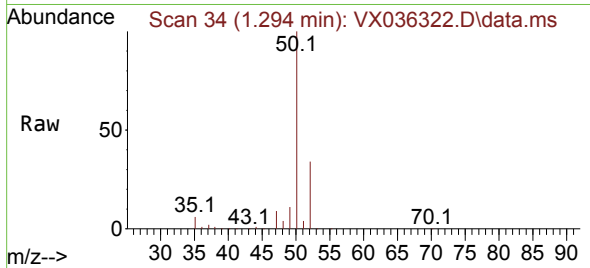




#3
Chloromethane
Concen: 45.949 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

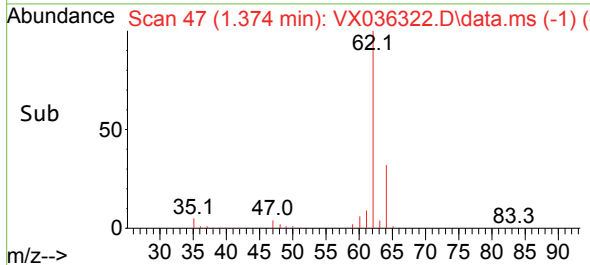
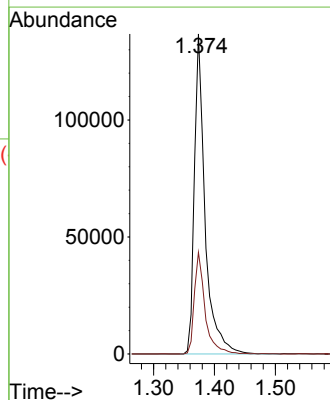
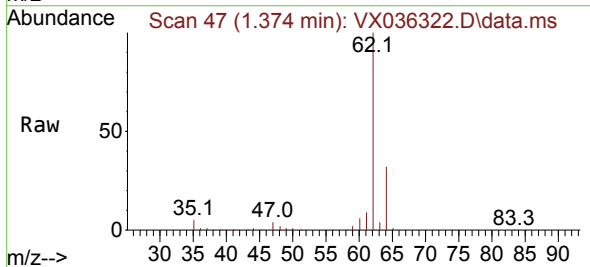
Instrument :
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ClientSampleId :
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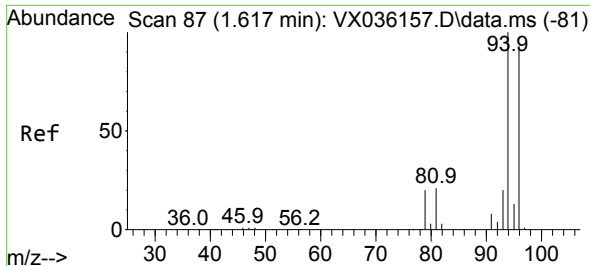
Tgt Ion: 50 Resp: 151743
Ion Ratio Lower Upper
50 100
52 33.8 25.5 38.3



#4
Vinyl Chloride
Concen: 46.131 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion: 62 Resp: 166551
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0

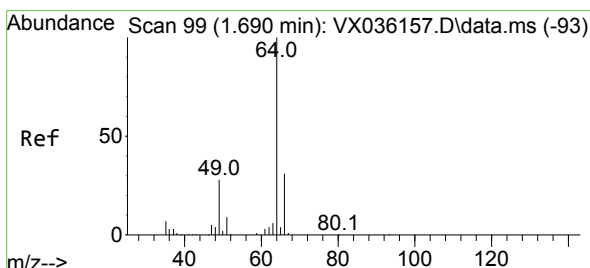
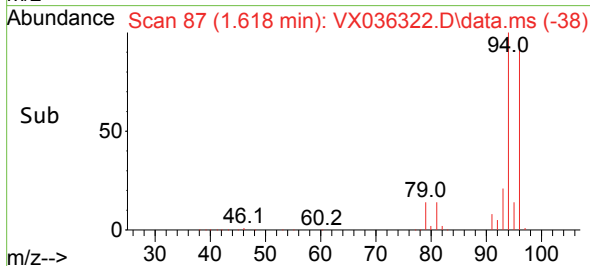
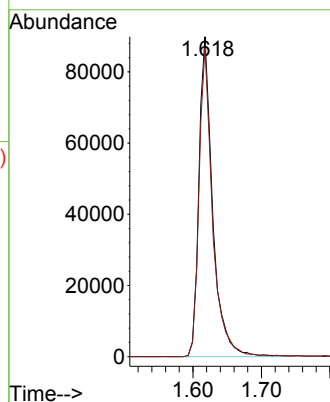
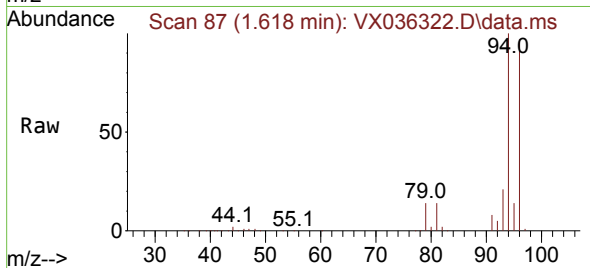




#5
Bromomethane
Concen: 47.671 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.001 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

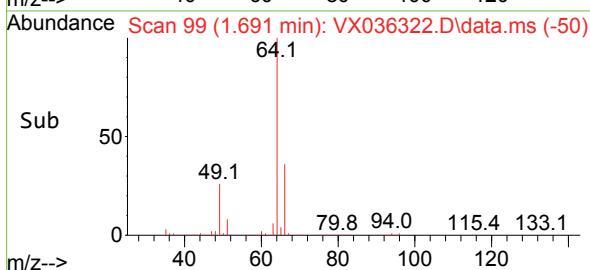
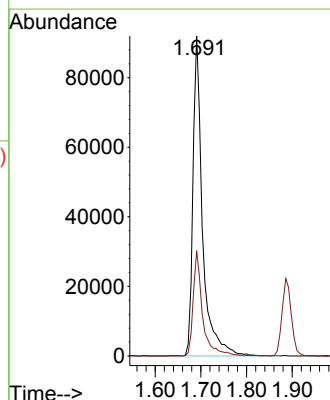
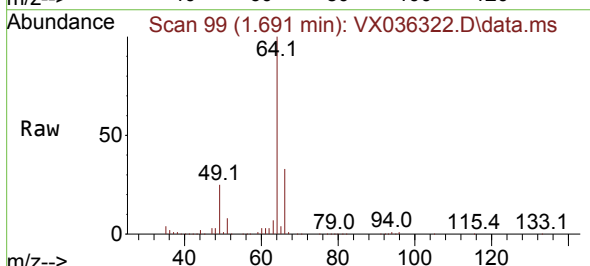
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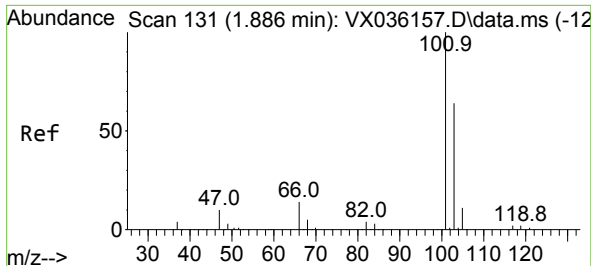
Tgt Ion: 94 Resp: 125937
Ion Ratio Lower Upper
94 100
96 96.5 74.6 111.8



#6
Chloroethane
Concen: 50.699 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion: 64 Resp: 134377
Ion Ratio Lower Upper
64 100
66 32.9 25.1 37.7

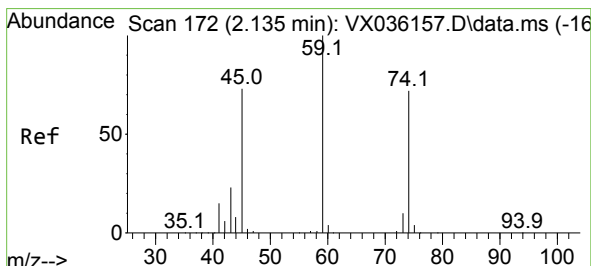
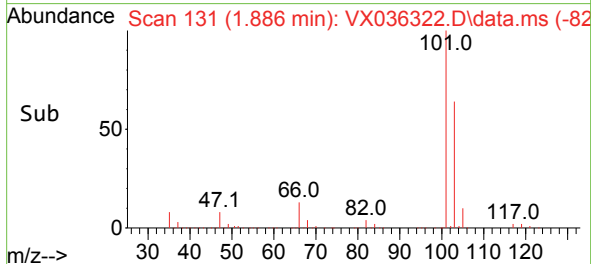
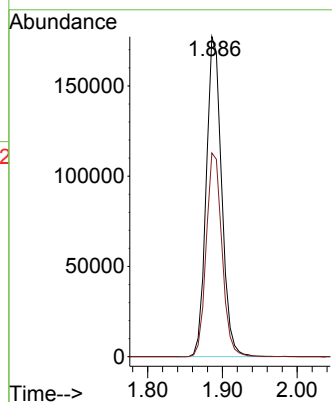
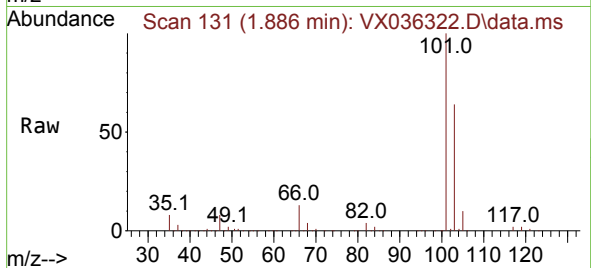




#7
 Trichlorofluoromethane
 Concen: 46.166 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036322.D
 Acq: 24 Jun 2023 19:21

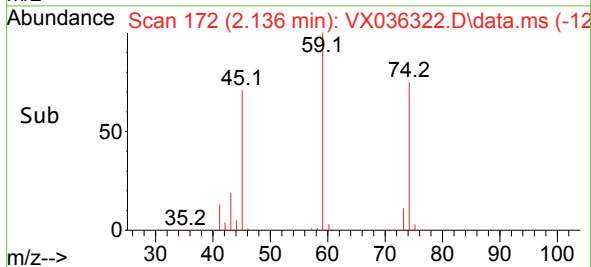
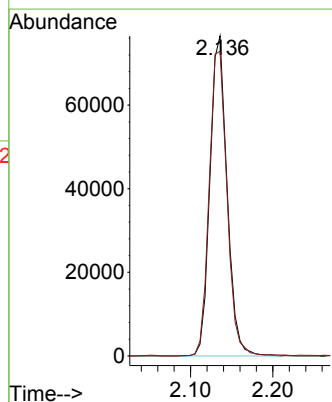
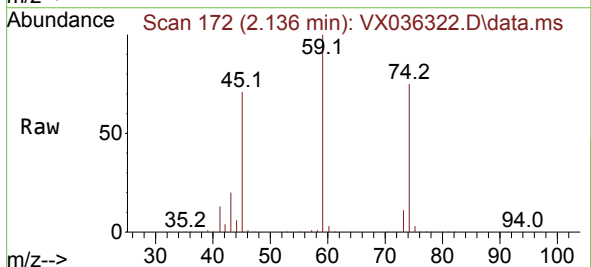
Instrument :
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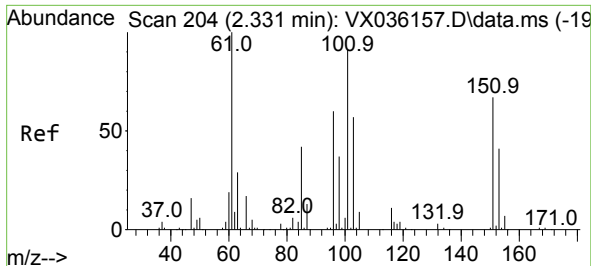
Tgt Ion:101 Resp: 253405
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.4 77.2



#8
 Diethyl Ether
 Concen: 52.196 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.001 min
 Lab File: VX036322.D
 Acq: 24 Jun 2023 19:21

Tgt Ion: 74 Resp: 110599
 Ion Ratio Lower Upper
 74 100
 45 99.1 53.3 159.8

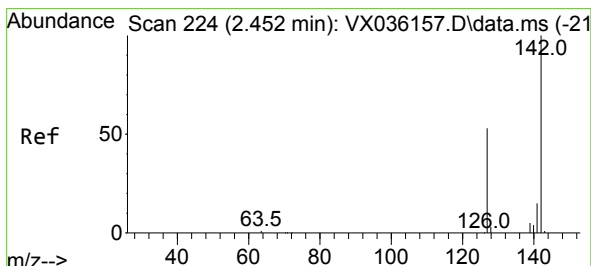
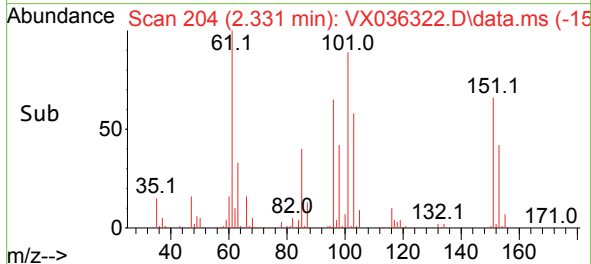
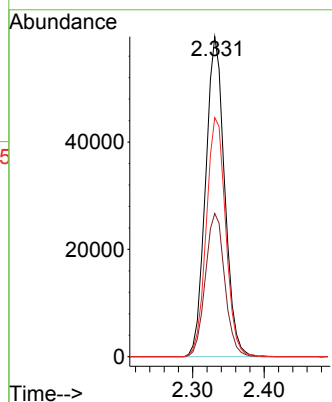
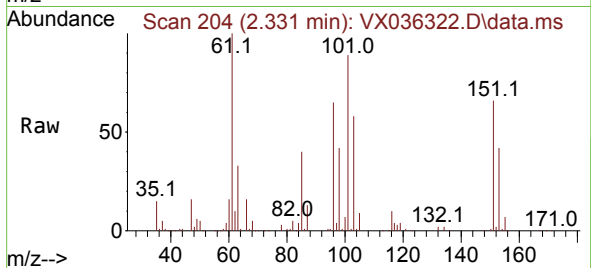




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.830 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036322.D
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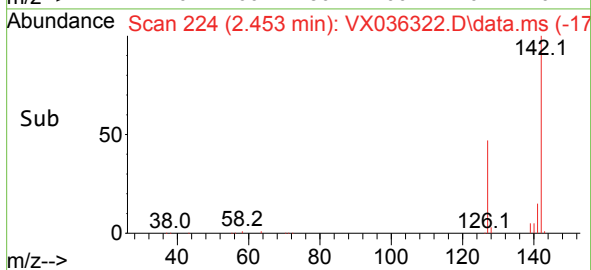
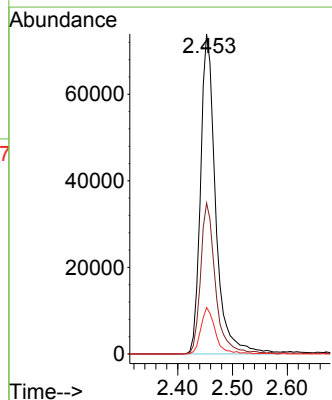
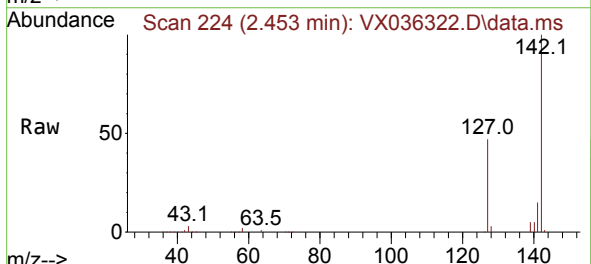
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

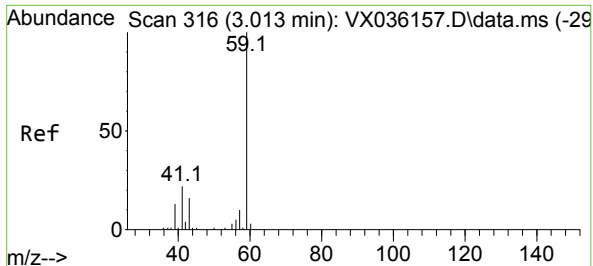
Tgt Ion:101 Resp: 110184
Ion Ratio Lower Upper
101 100
85 45.6 37.0 55.6
151 76.1 58.6 87.8



#10
Methyl Iodide
Concen: 50.890 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion:142 Resp: 142051
Ion Ratio Lower Upper
142 100
127 46.4 41.6 62.4
141 13.9 11.6 17.4

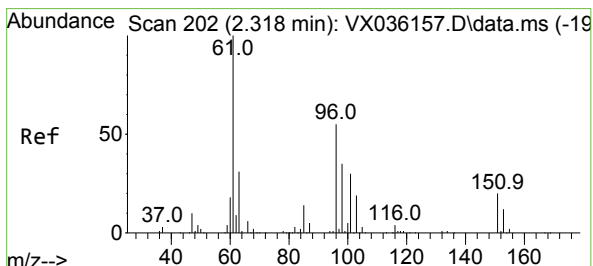
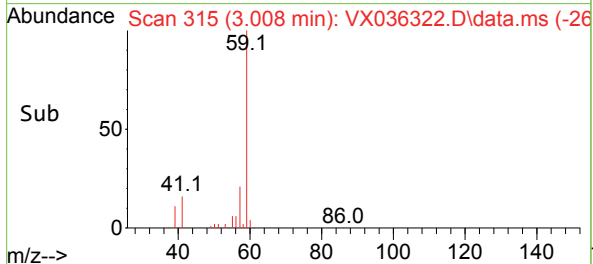
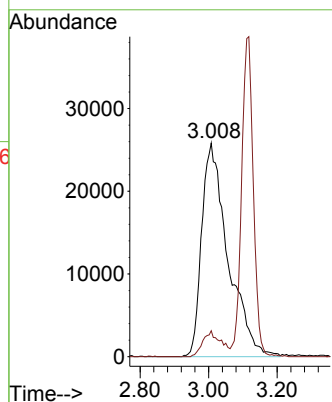
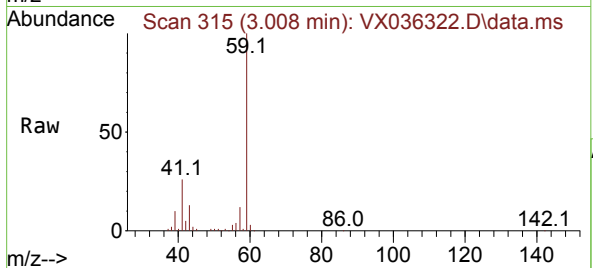




#11
Tert butyl alcohol
Concen: 263.116 ug/l
RT: 3.008 min Scan# 316
Delta R.T. -0.005 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

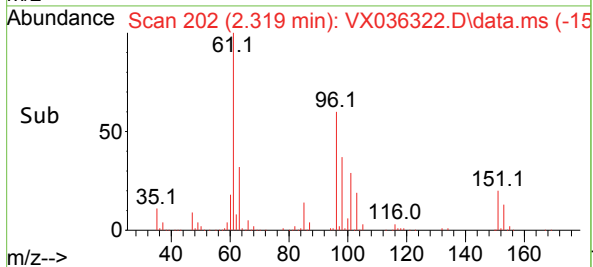
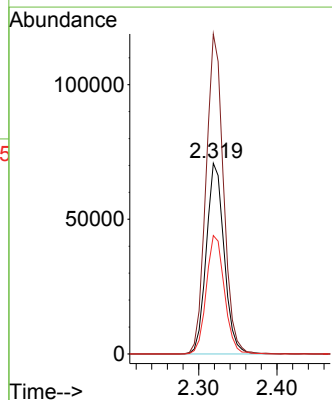
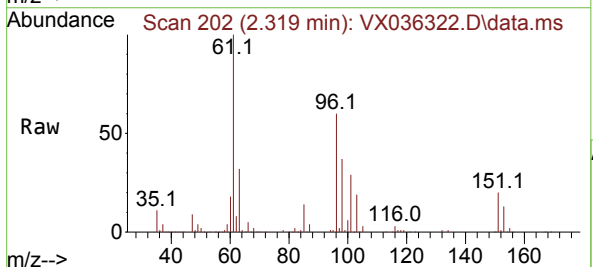
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

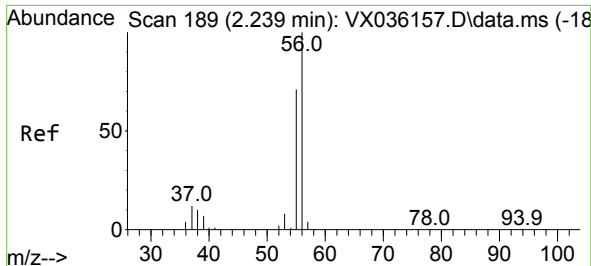
Tgt Ion: 59 Resp: 138049
Ion Ratio Lower Upper
59 100
57 8.3 6.0 9.0



#12
1,1-Dichloroethene
Concen: 48.878 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion: 96 Resp: 111698
Ion Ratio Lower Upper
96 100
61 167.8 144.6 216.8
98 62.1 50.4 75.6

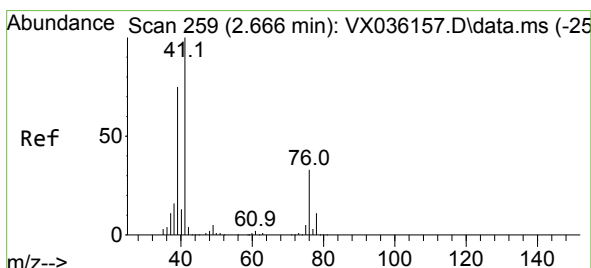
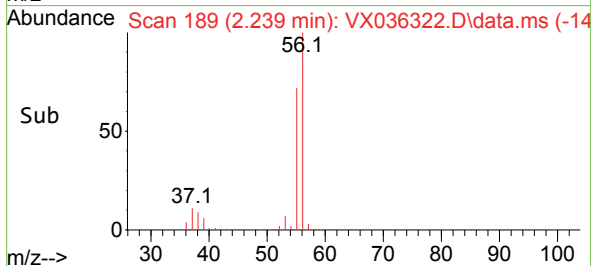
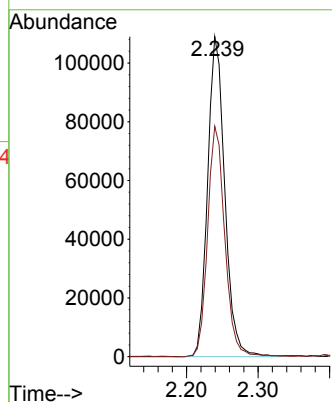
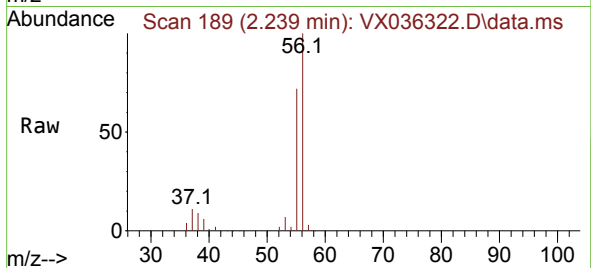




#13
Acrolein
Concen: 252.266 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

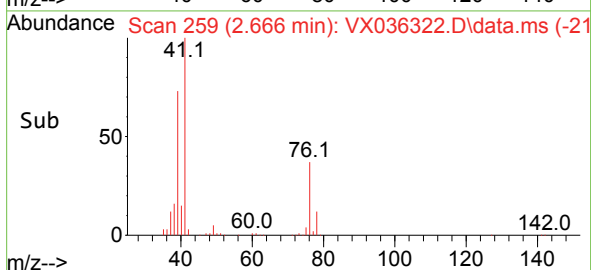
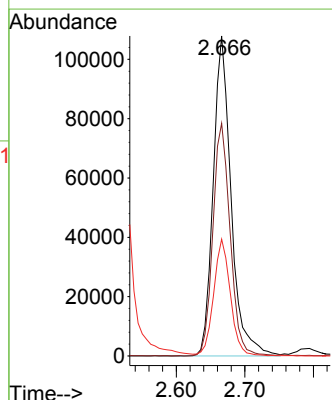
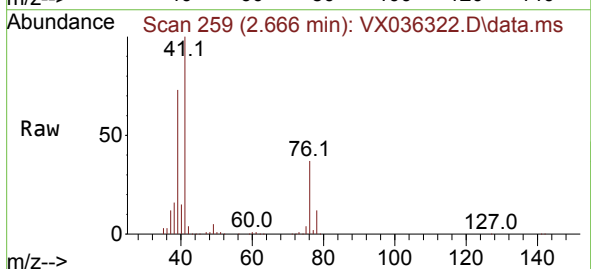
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

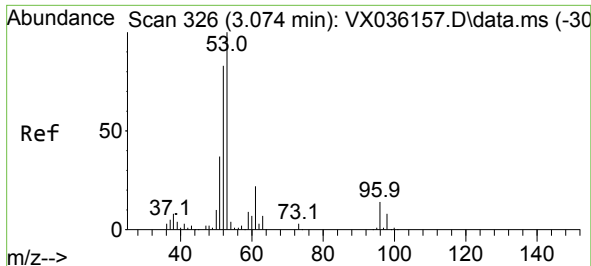
Tgt Ion: 56 Resp: 181773
Ion Ratio Lower Upper
56 100
55 72.2 57.1 85.7



#14
Allyl chloride
Concen: 52.800 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion: 41 Resp: 196087
Ion Ratio Lower Upper
41 100
39 70.0 55.8 83.6
76 34.0 24.3 36.5

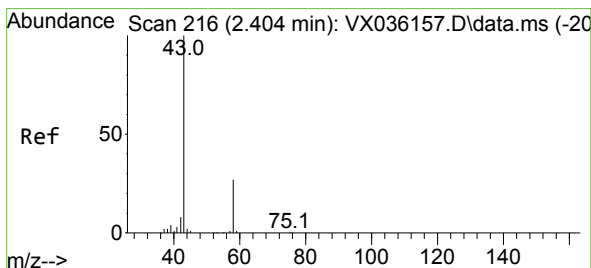
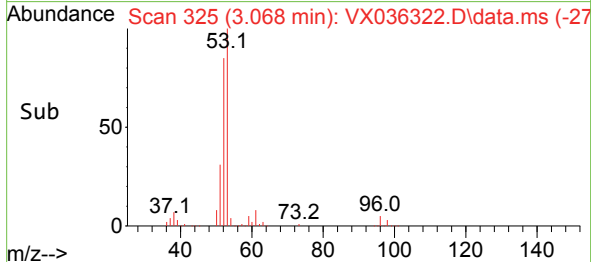
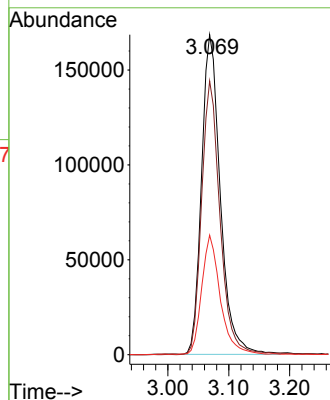
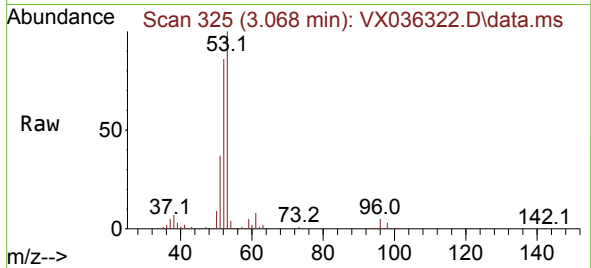




#15
Acrylonitrile
Concen: 271.374 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

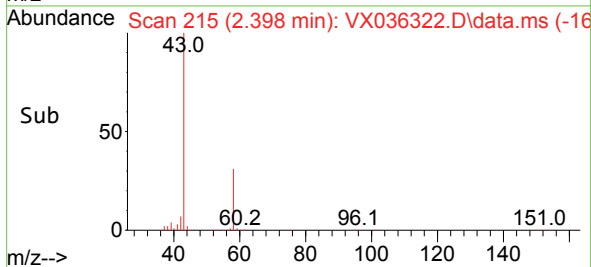
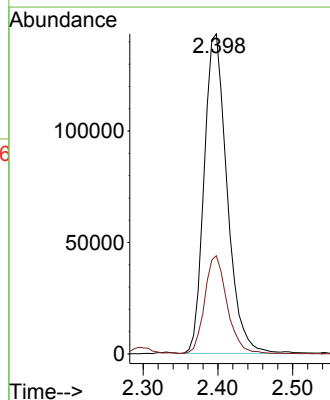
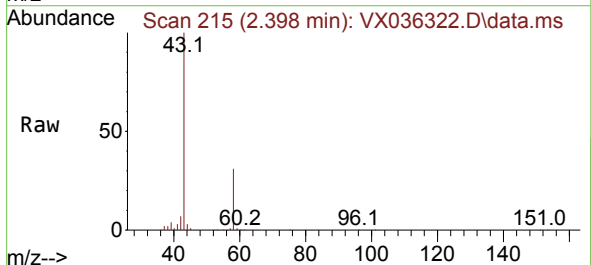
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

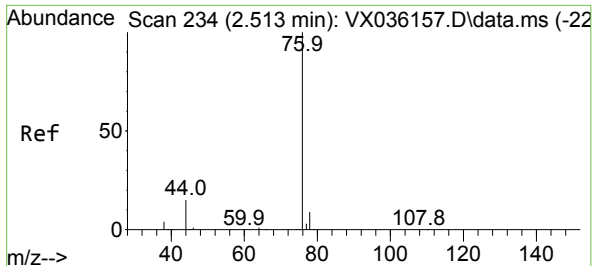
Tgt Ion: 53 Resp: 360897
Ion Ratio Lower Upper
53 100
52 84.5 66.0 99.0
51 36.6 29.8 44.6



#16
Acetone
Concen: 248.062 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion: 43 Resp: 305613
Ion Ratio Lower Upper
43 100
58 30.6 21.9 32.9





#17

Carbon Disulfide

Concen: 46.690 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

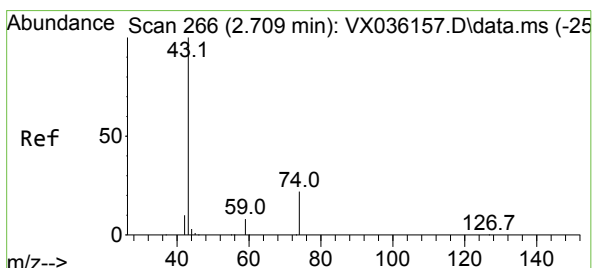
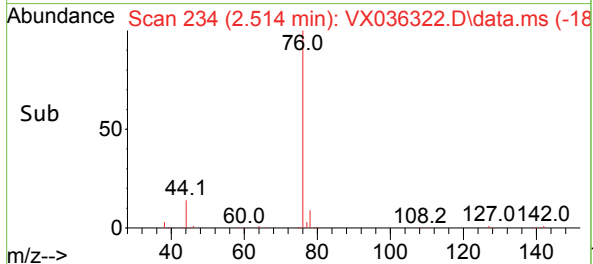
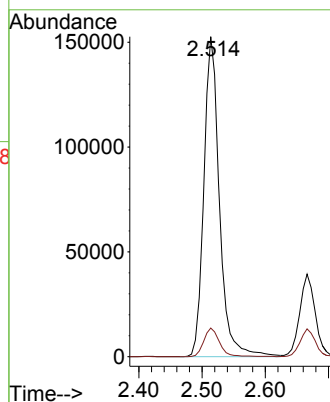
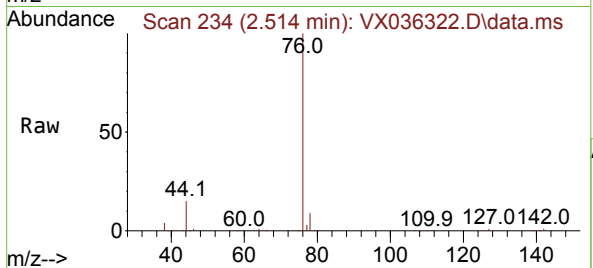
VSTDCCC050EC

Tgt Ion: 76 Resp: 262043

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



#18

Methyl Acetate

Concen: 57.338 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX036322.D

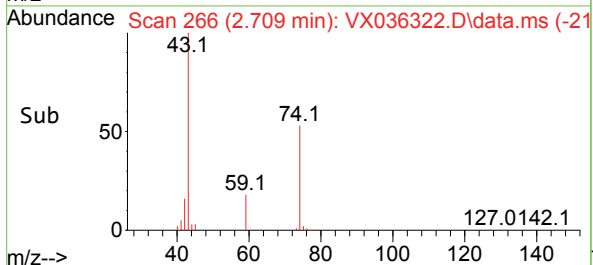
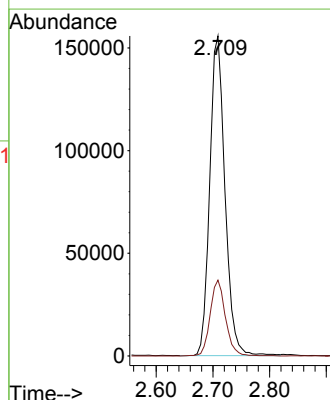
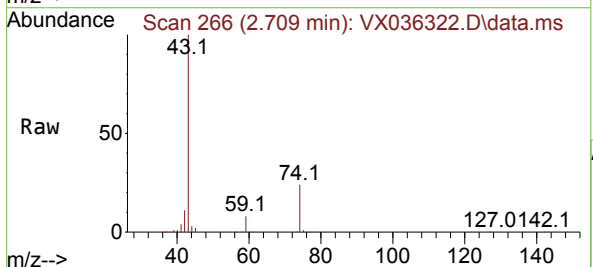
Acq: 24 Jun 2023 19:21

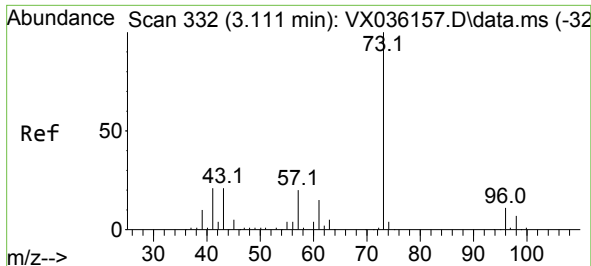
Tgt Ion: 43 Resp: 290490

Ion Ratio Lower Upper

43 100

74 23.9 17.8 26.8

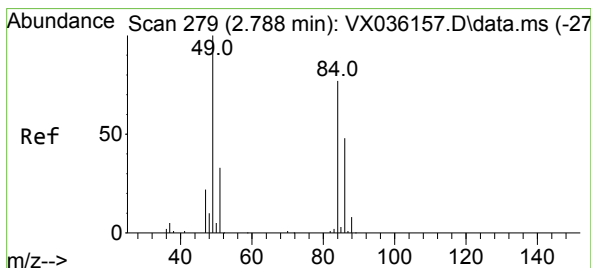
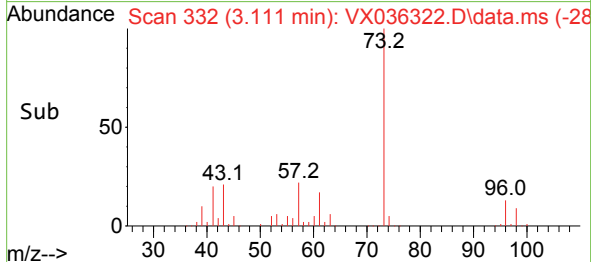
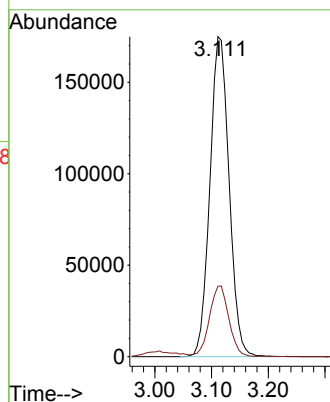
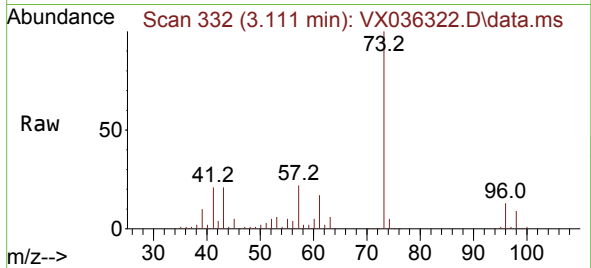




#19
Methyl tert-butyl Ether
Concen: 55.657 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

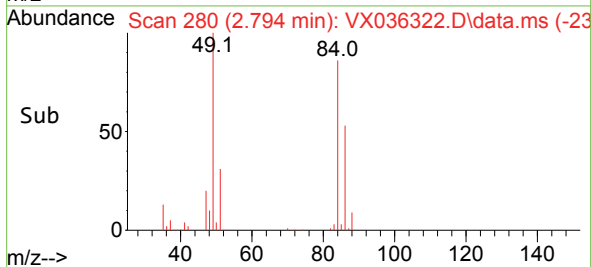
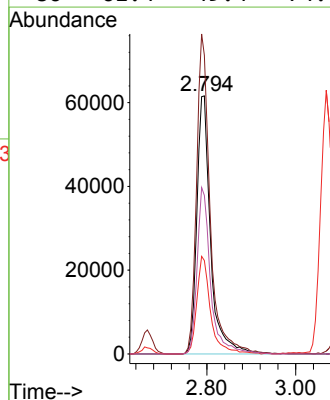
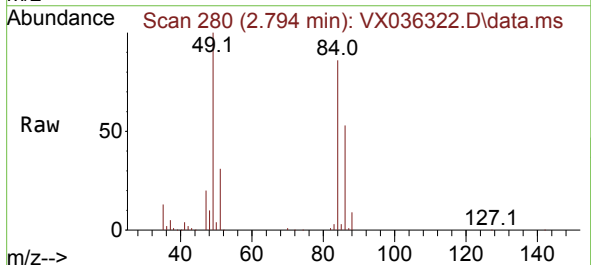
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

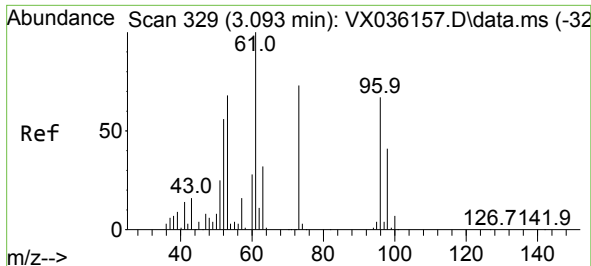
Tgt Ion: 73 Resp: 411043
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#20
Methylene Chloride
Concen: 49.797 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion: 84 Resp: 132094
Ion Ratio Lower Upper
84 100
49 115.8 103.6 155.4
51 36.2 33.8 50.6
86 61.4 49.4 74.0

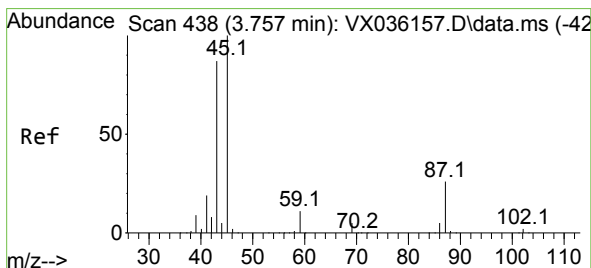
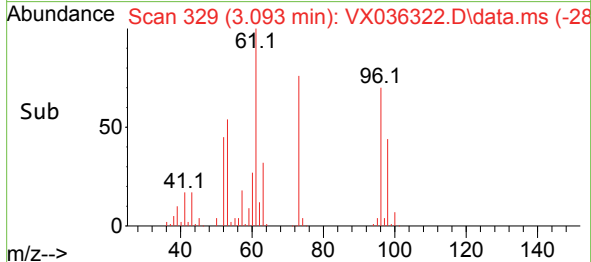
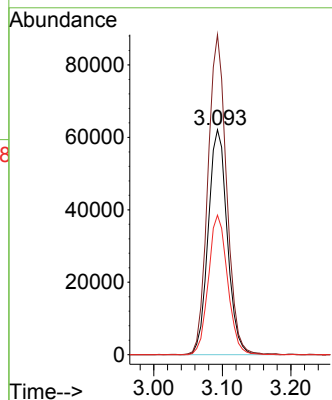
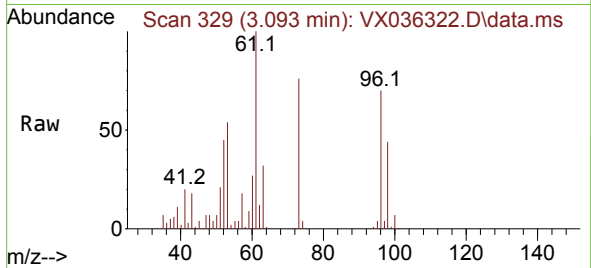




#21
trans-1,2-Dichloroethene
Concen: 49.259 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

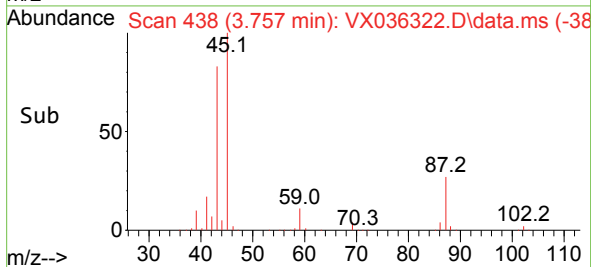
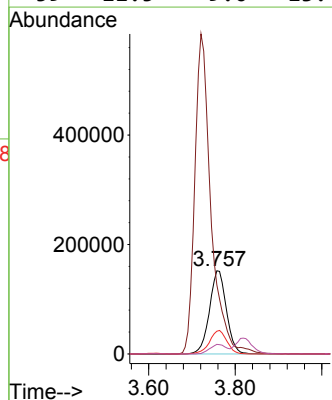
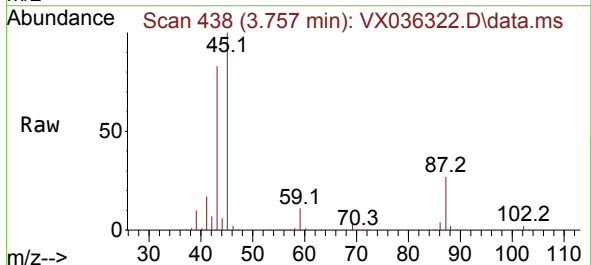
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

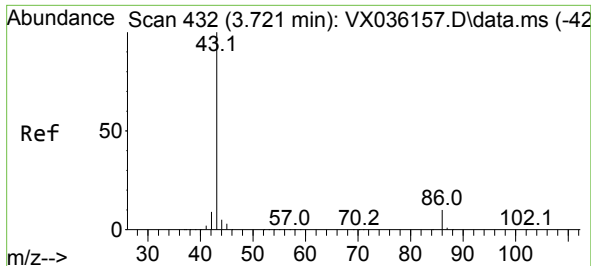
Tgt Ion: 96 Resp: 120122
Ion Ratio Lower Upper
96 100
61 142.2 119.2 178.8
98 62.0 48.7 73.1



#22
Diisopropyl ether
Concen: 55.399 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion: 45 Resp: 412256
Ion Ratio Lower Upper
45 100
43 82.8 69.7 104.5
87 27.2 20.8 31.2
59 11.5 9.0 13.4

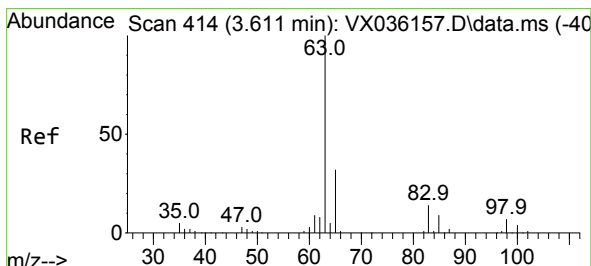
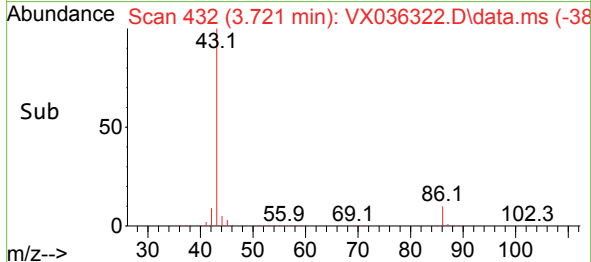
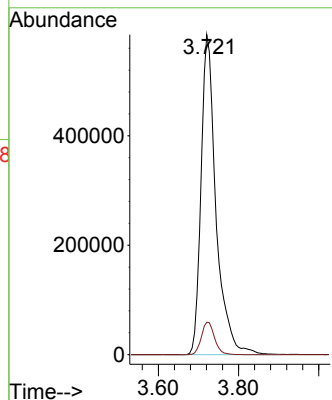
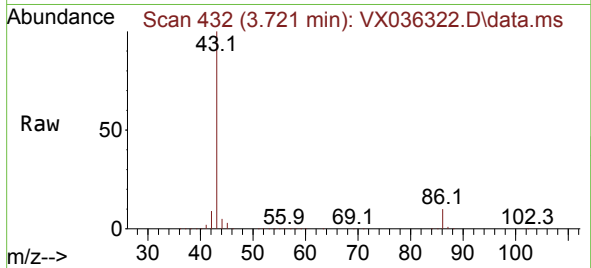




#23
 Vinyl Acetate
 Concen: 281.532 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036322.D
 Acq: 24 Jun 2023 19:21

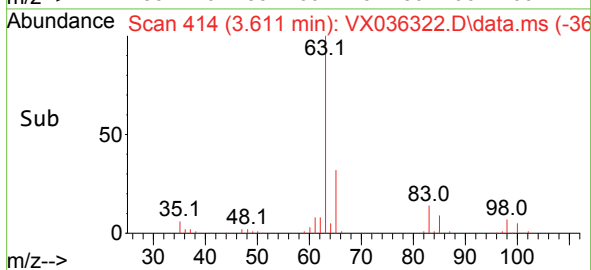
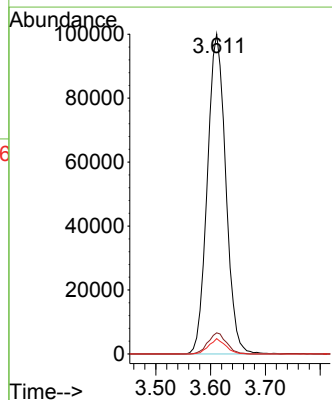
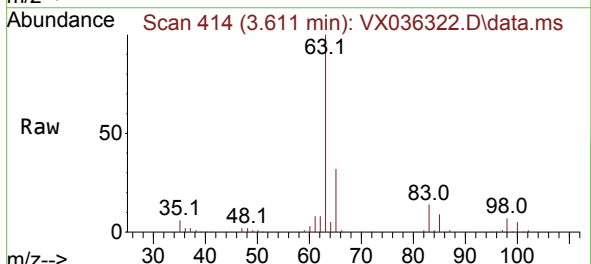
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

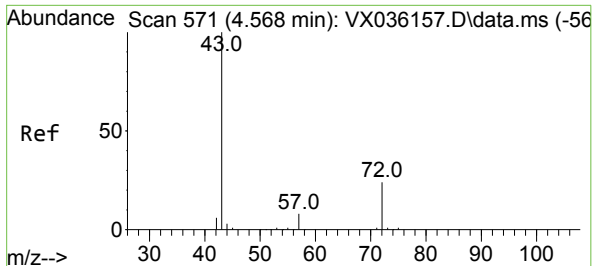
Tgt Ion: 43 Resp: 1520395
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 53.046 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036322.D
 Acq: 24 Jun 2023 19:21

Tgt Ion: 63 Resp: 232641
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.8 2.1 6.5





#25

2-Butanone

Concen: 273.509 ug/l

RT: 4.562 min Scan# 571

Delta R.T. -0.006 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

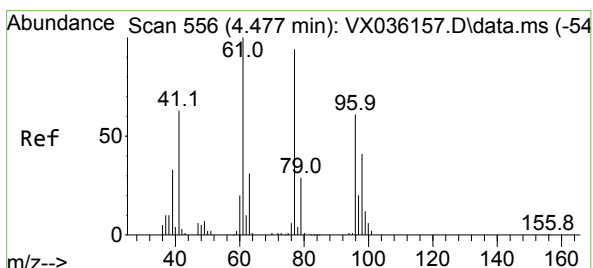
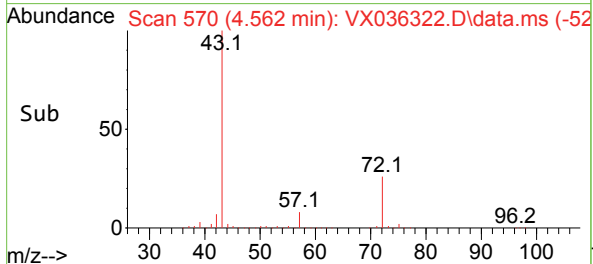
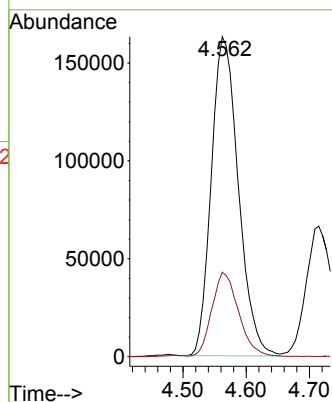
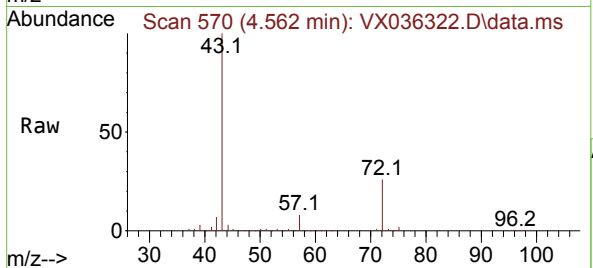
VSTDCCC050EC

Tgt Ion: 43 Resp: 484149

Ion Ratio Lower Upper

43 100

72 26.3 19.4 29.2



#26

2,2-Dichloropropane

Concen: 47.317 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX036322.D

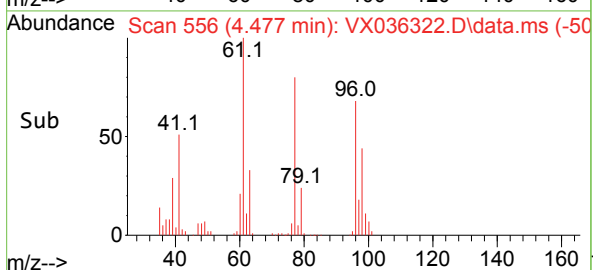
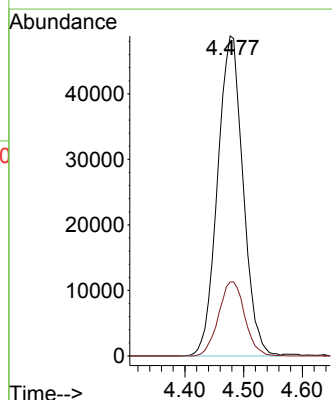
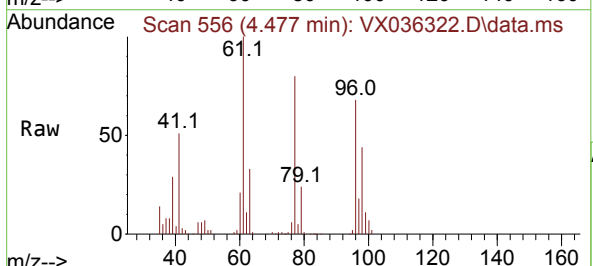
Acq: 24 Jun 2023 19:21

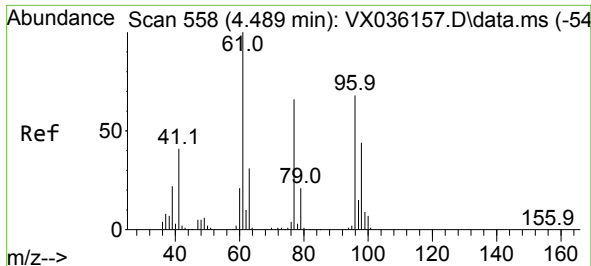
Tgt Ion: 77 Resp: 147178

Ion Ratio Lower Upper

77 100

97 23.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 52.180 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

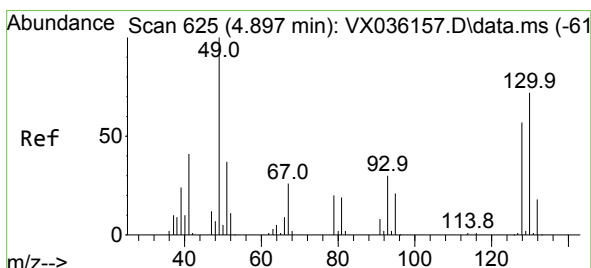
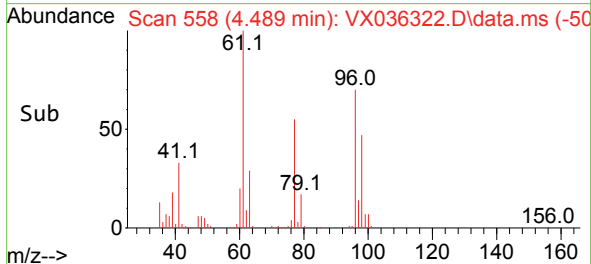
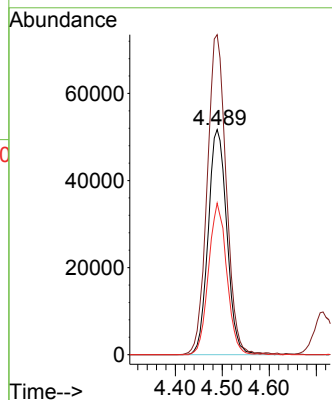
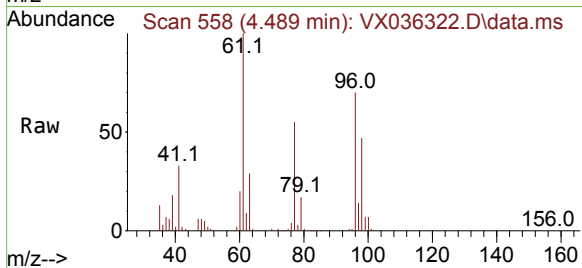
Tgt Ion: 96 Resp: 142703

Ion Ratio Lower Upper

96 100

61 145.2 0.0 312.2

98 65.8 0.0 129.0



#28

Bromochloromethane

Concen: 51.353 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

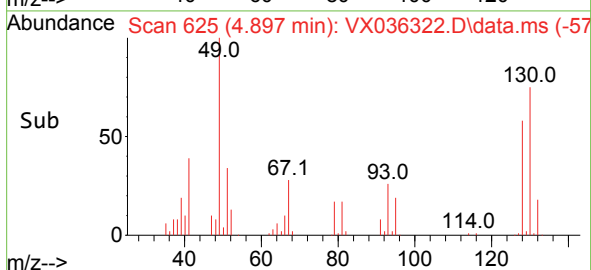
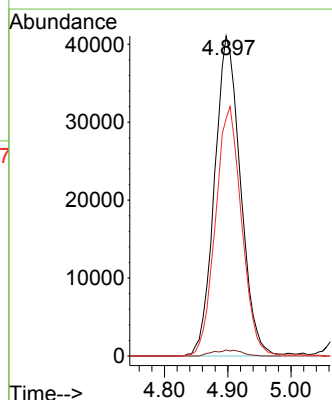
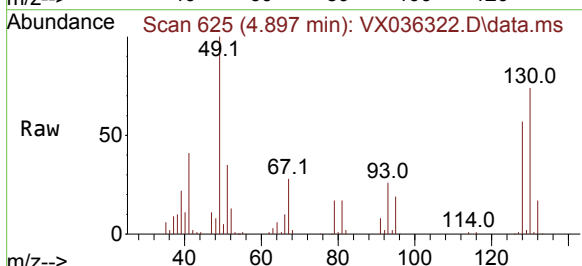
Tgt Ion: 49 Resp: 116804

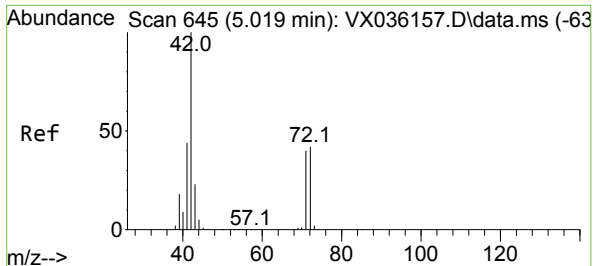
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 78.6 57.5 86.3





#29

Tetrahydrofuran

Concen: 274.909 ug/l

RT: 5.013 min Scan# 645

Delta R.T. -0.006 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

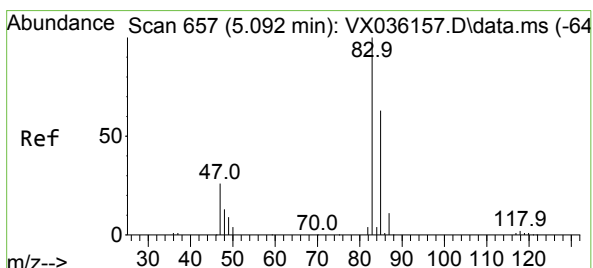
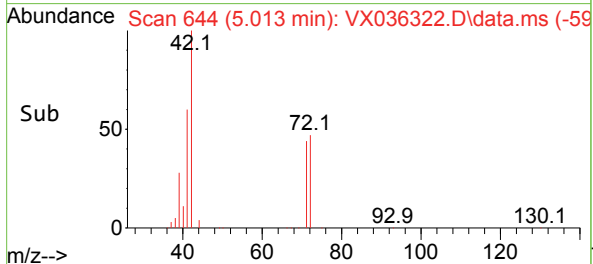
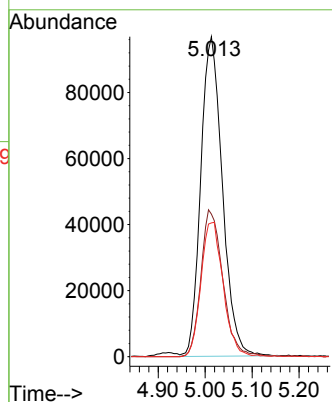
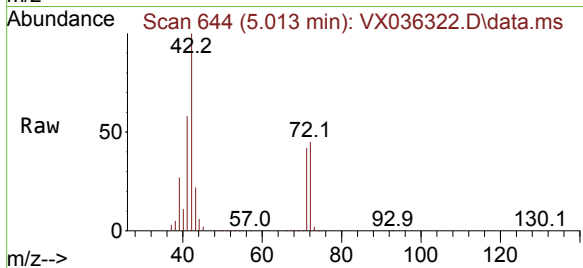
Tgt Ion: 42 Resp: 309818

Ion Ratio Lower Upper

42 100

72 46.5 34.2 51.4

71 43.1 32.2 48.2



#30

Chloroform

Concen: 53.348 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.001 min

Lab File: VX036322.D

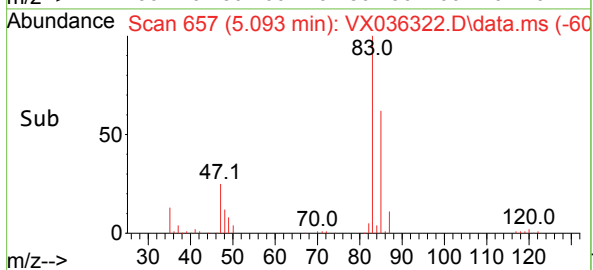
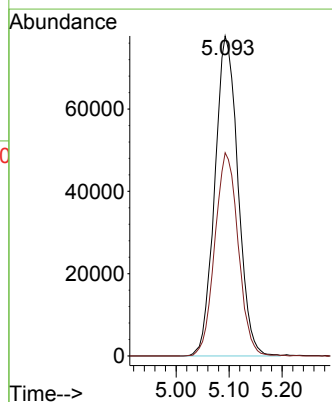
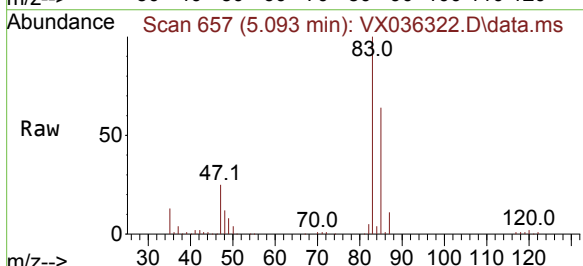
Acq: 24 Jun 2023 19:21

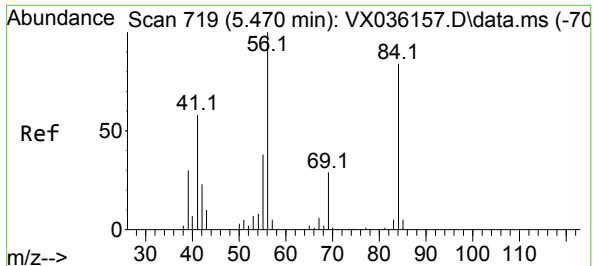
Tgt Ion: 83 Resp: 235653

Ion Ratio Lower Upper

83 100

85 63.5 50.3 75.5

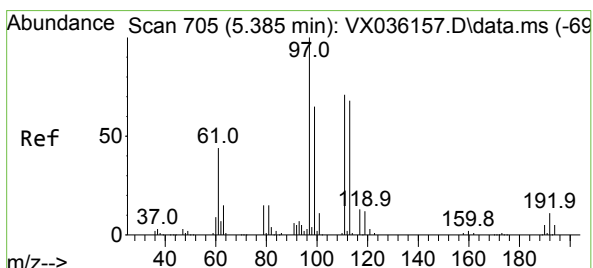
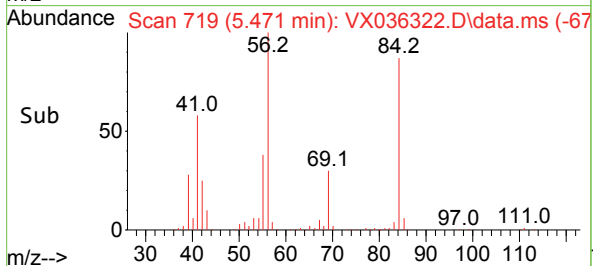
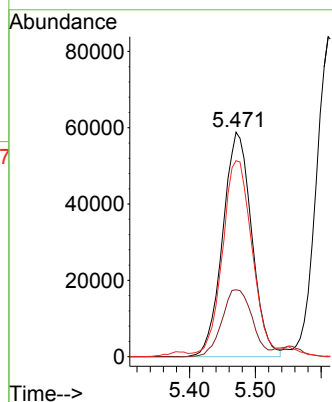
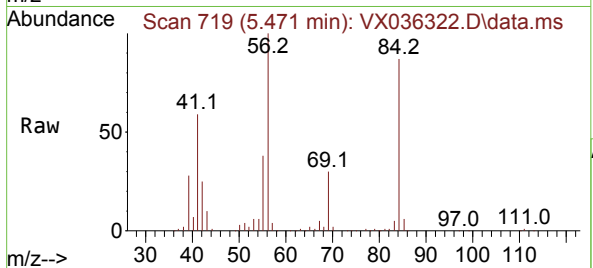




#31
Cyclohexane
Concen: 48.867 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

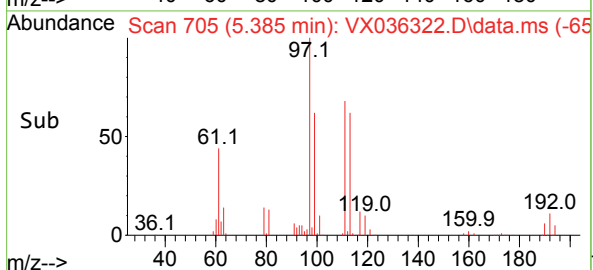
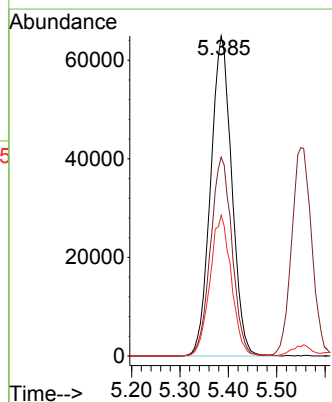
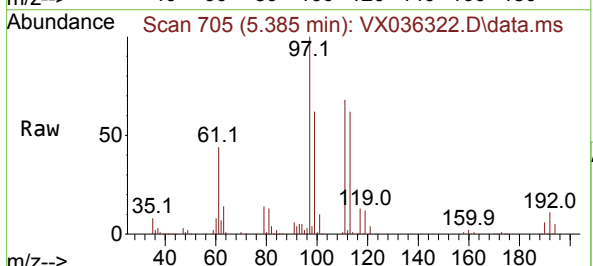
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

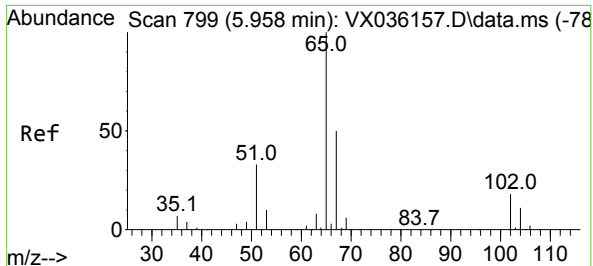
Tgt Ion: 56 Resp: 180500
Ion Ratio Lower Upper
56 100
69 29.8 23.4 35.2
84 85.3 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 53.369 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion: 97 Resp: 196919
Ion Ratio Lower Upper
97 100
99 63.2 51.1 76.7
61 44.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 54.487 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

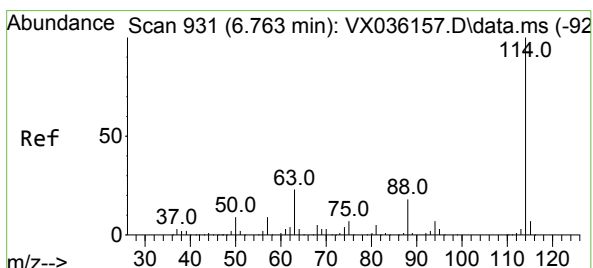
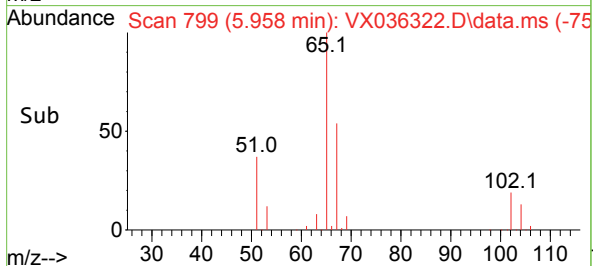
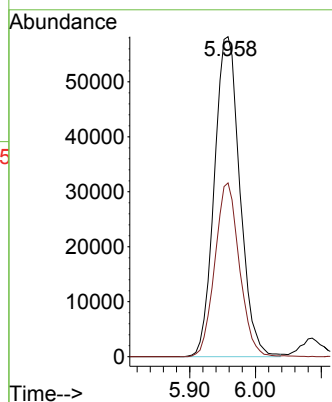
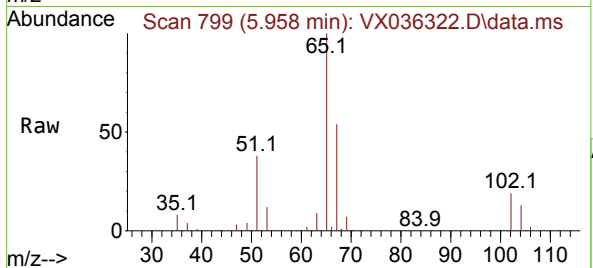
VSTDCCC050EC

Tgt Ion: 65 Resp: 157052

Ion Ratio Lower Upper

65 100

67 52.3 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: VX036322.D

Acq: 24 Jun 2023 19:21

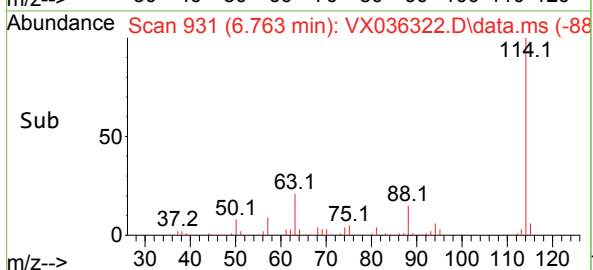
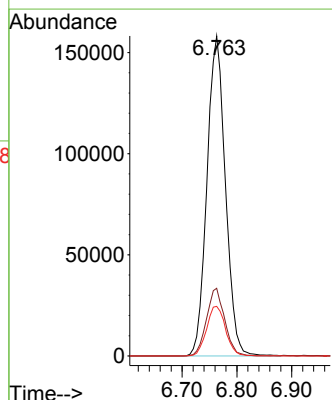
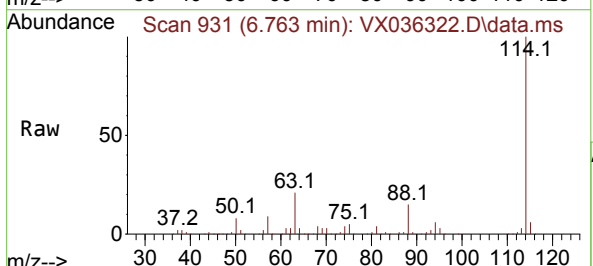
Tgt Ion: 114 Resp: 369218

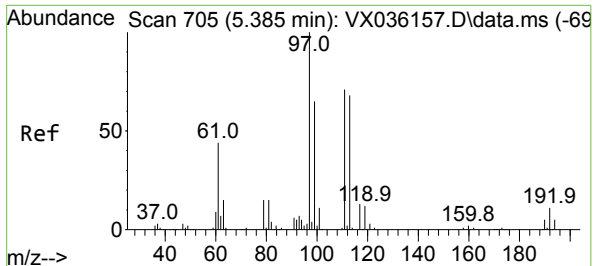
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

88 15.5 0.0 36.6

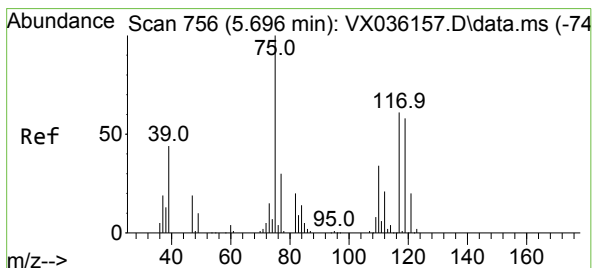
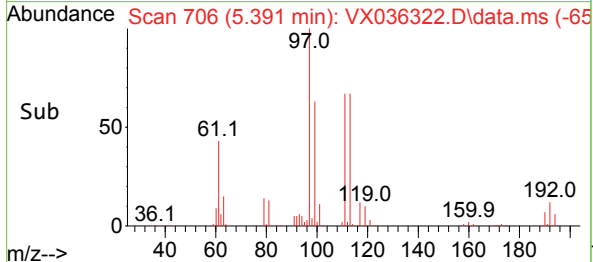
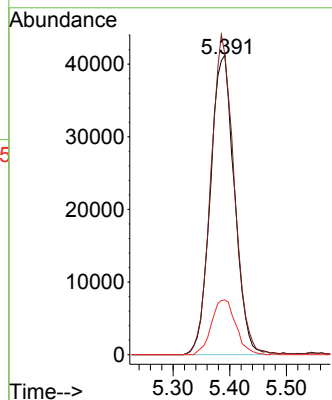
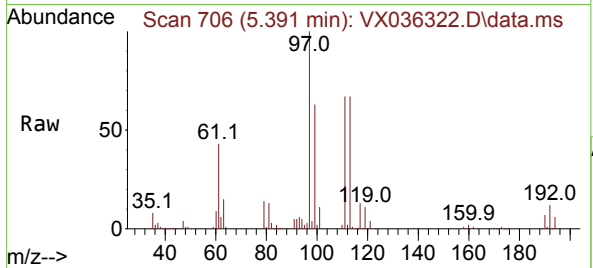




#35
Dibromofluoromethane
Concen: 49.793 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

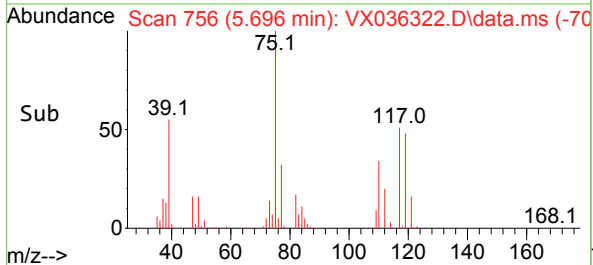
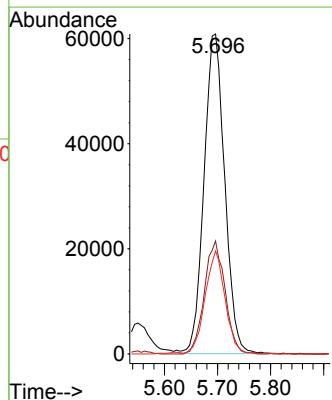
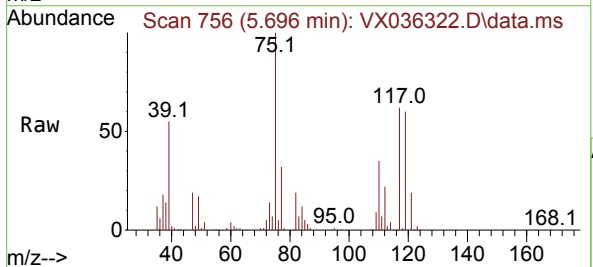
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

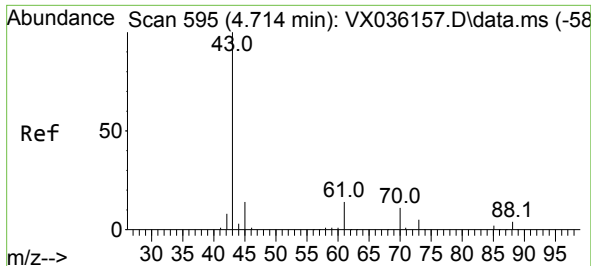
Tgt Ion:113 Resp: 121222
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 45.349 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion: 75 Resp: 164569
Ion Ratio Lower Upper
75 100
110 35.4 17.0 50.9
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 53.160 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

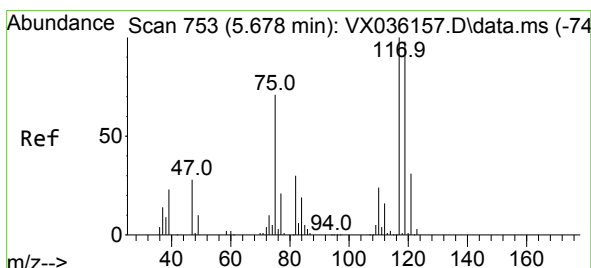
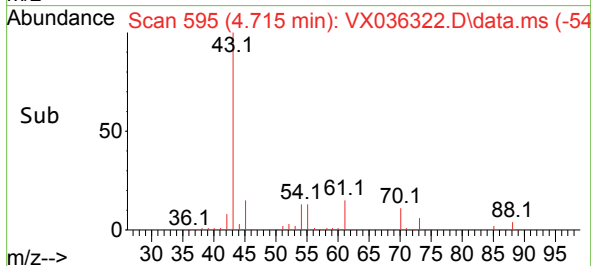
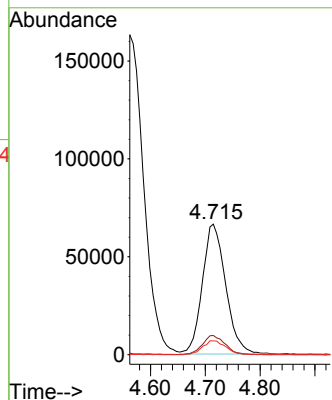
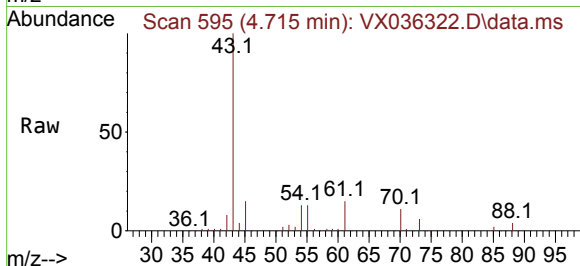
Tgt Ion: 43 Resp: 196622

Ion Ratio Lower Upper

43 100

61 14.4 10.6 16.0

70 10.7 8.3 12.5



#38

Carbon Tetrachloride

Concen: 48.826 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

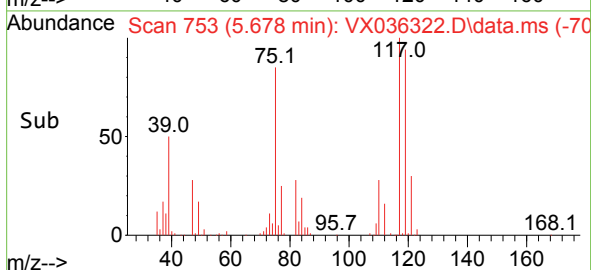
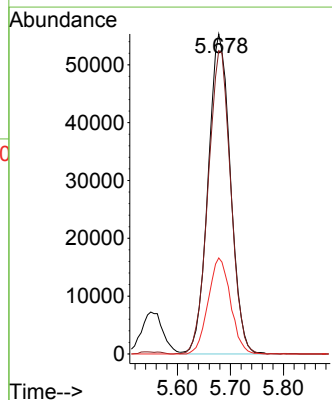
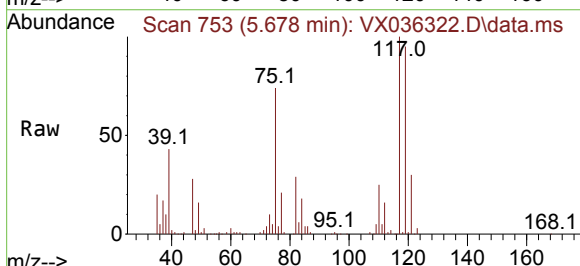
Tgt Ion: 117 Resp: 161832

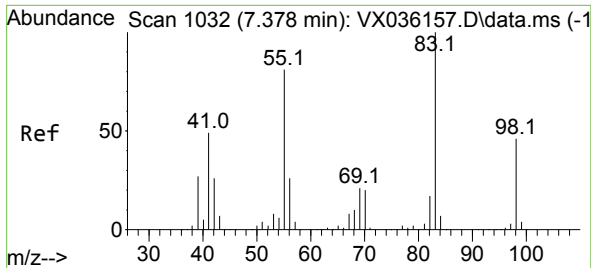
Ion Ratio Lower Upper

117 100

119 94.8 78.2 117.2

121 30.0 24.4 36.6

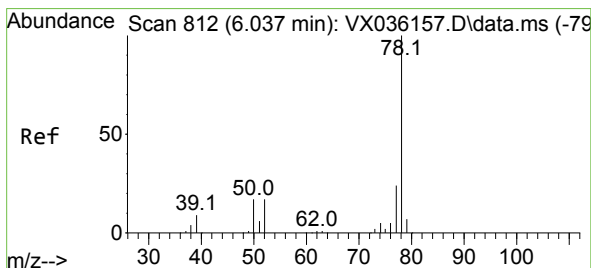
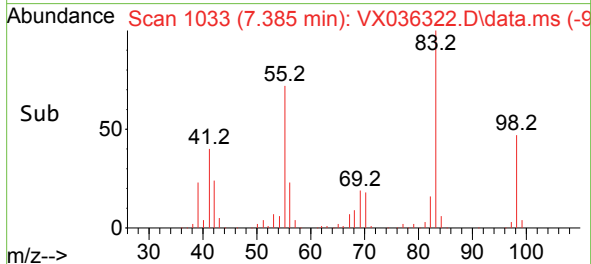
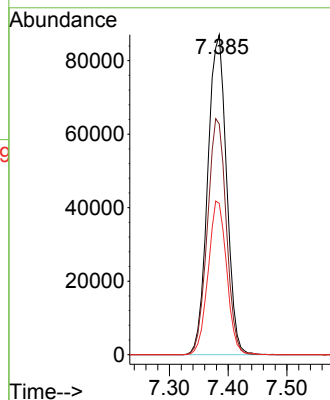
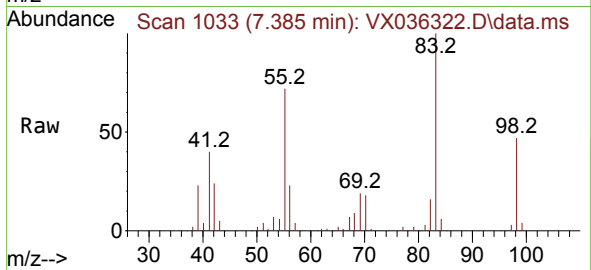




#39
Methylcyclohexane
Concen: 44.566 ug/l
RT: 7.385 min Scan# 10
Delta R.T. 0.007 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

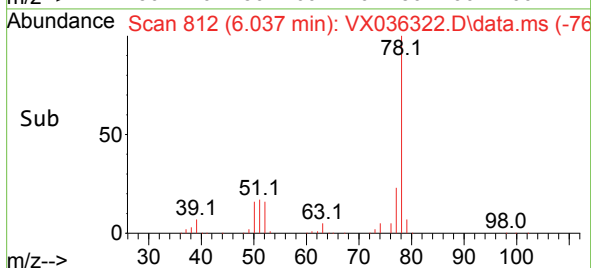
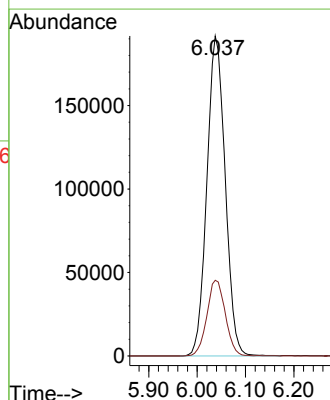
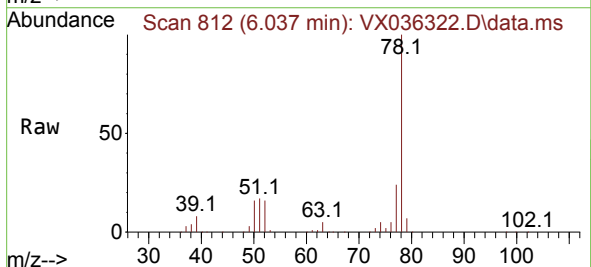
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

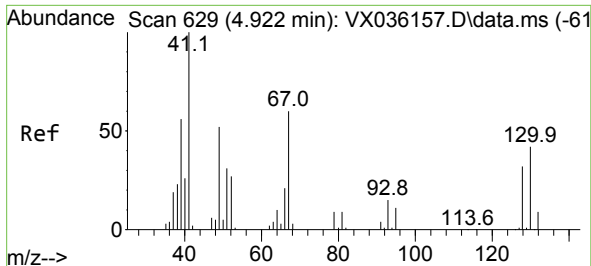
Tgt Ion: 83 Resp: 193710
Ion Ratio Lower Upper
83 100
55 72.1 64.6 97.0
98 47.3 36.7 55.1



#40
Benzene
Concen: 49.649 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion: 78 Resp: 503313
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9

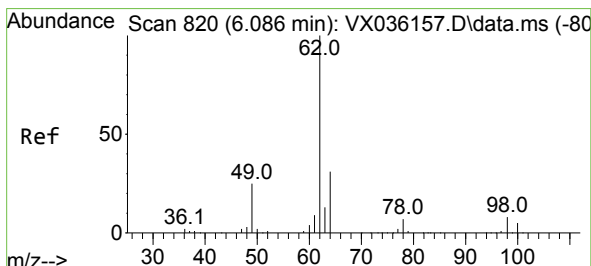
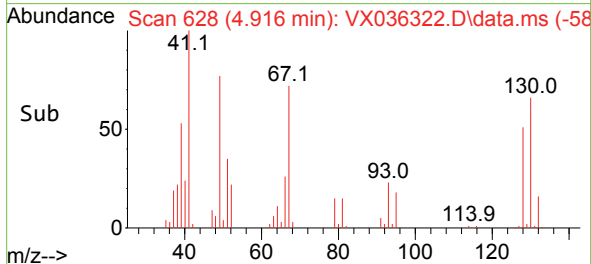
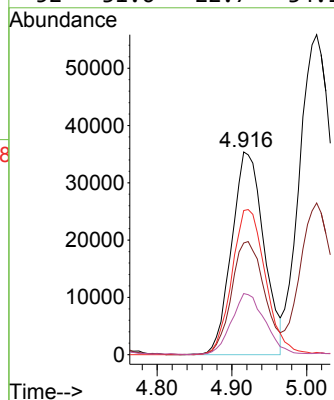
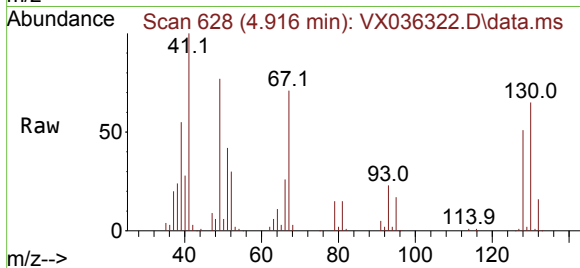




#41
Methacrylonitrile
Concen: 51.469 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

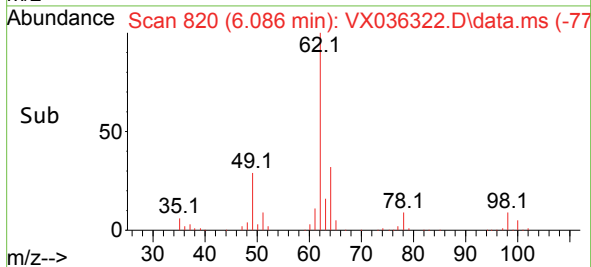
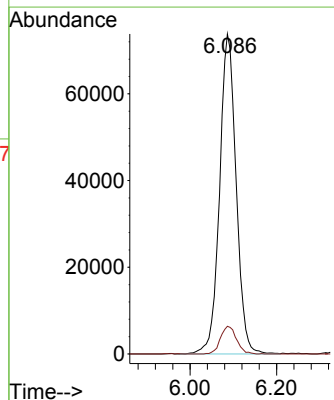
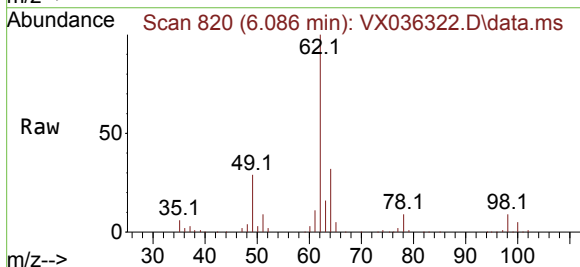
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

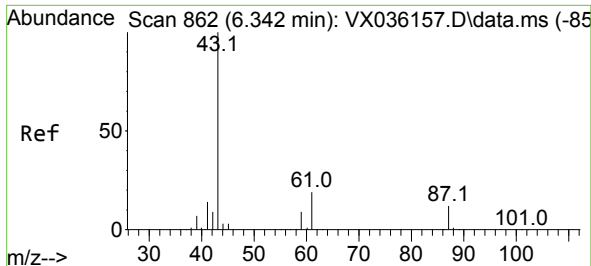
Tgt Ion: 41 Resp: 105607
Ion Ratio Lower Upper
41 100
39 57.3 45.2 67.8
67 75.6 52.6 78.8
52 31.6 22.7 34.1



#42
1,2-Dichloroethane
Concen: 50.950 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion: 62 Resp: 196455
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0

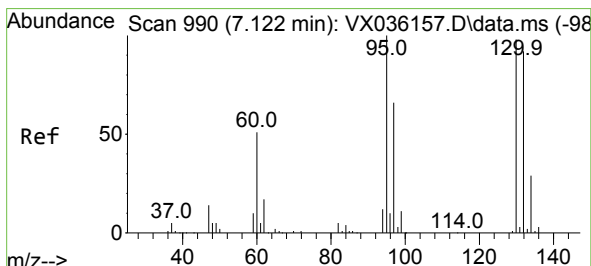
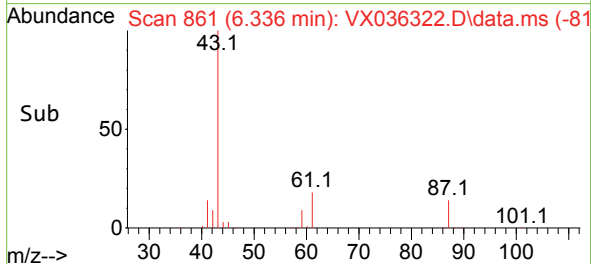
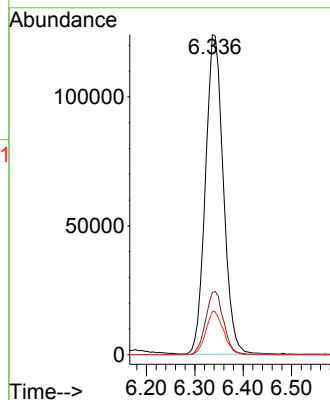
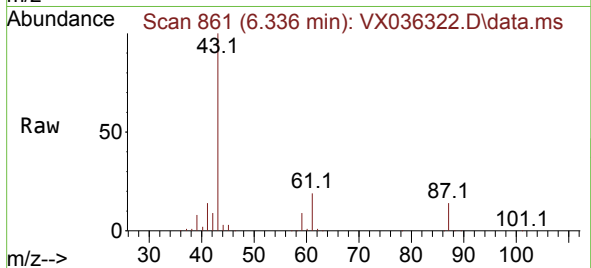




#43
Isopropyl Acetate
Concen: 53.965 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

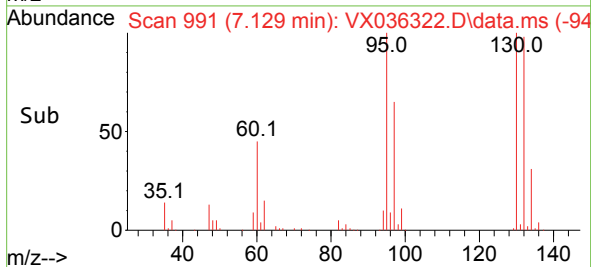
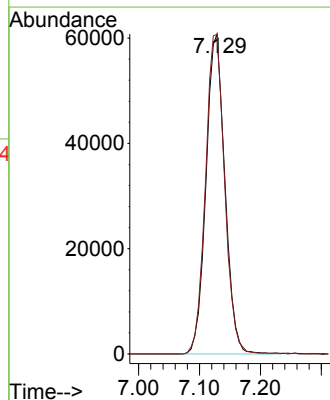
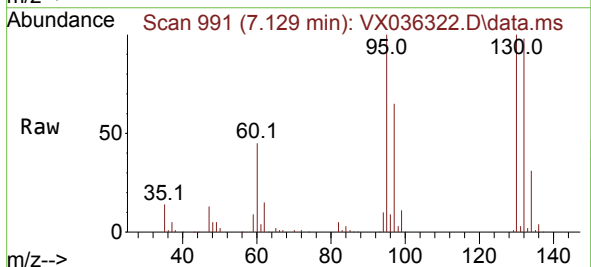
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

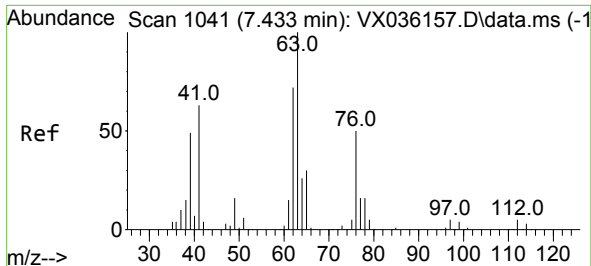
Tgt Ion: 43 Resp: 318417
Ion Ratio Lower Upper
43 100
61 19.7 15.2 22.8
87 13.3 9.8 14.6



#44
Trichloroethene
Concen: 46.459 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion:130 Resp: 130999
Ion Ratio Lower Upper
130 100
95 99.9 0.0 204.4

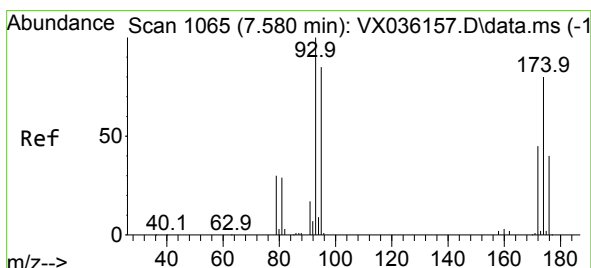
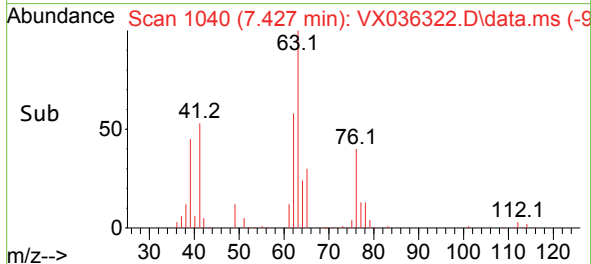
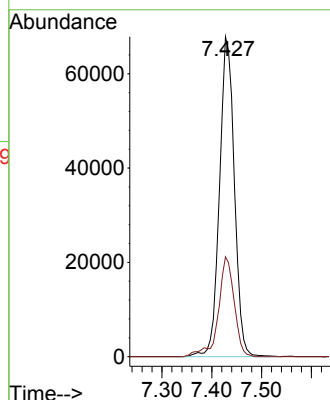
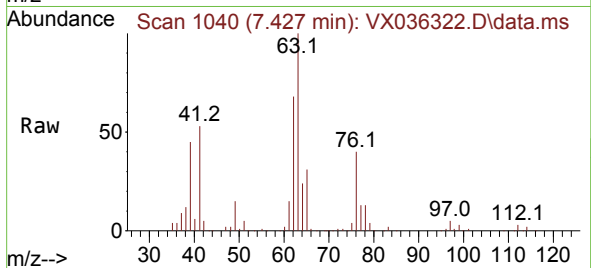




#45
1,2-Dichloropropane
Concen: 50.968 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

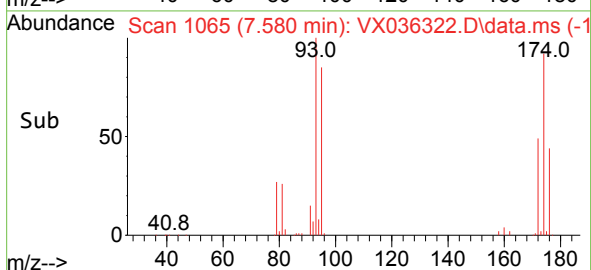
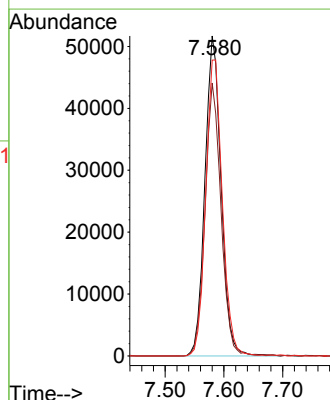
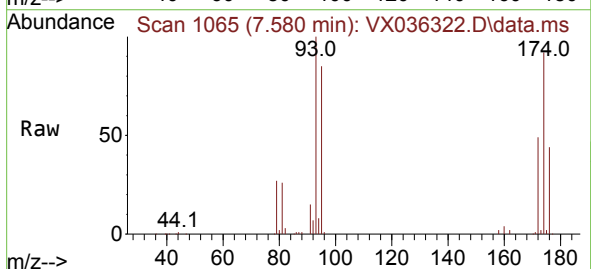
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

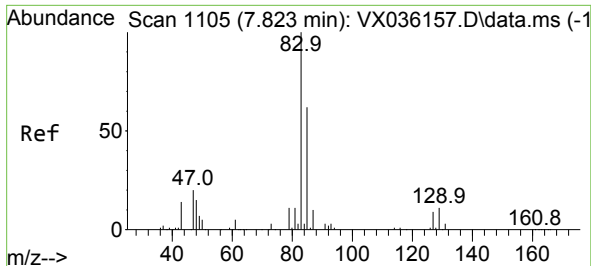
Tgt Ion: 63 Resp: 140719
Ion Ratio Lower Upper
63 100
65 31.2 24.3 36.5



#46
Dibromomethane
Concen: 50.941 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion: 93 Resp: 99002
Ion Ratio Lower Upper
93 100
95 83.8 66.6 100.0
174 95.1 69.4 104.0

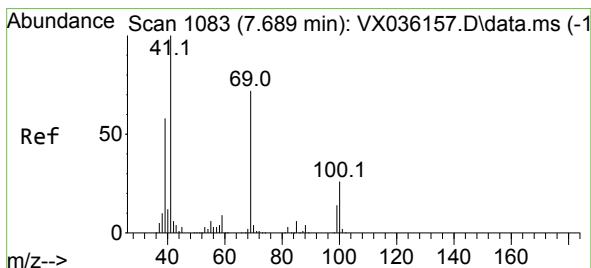
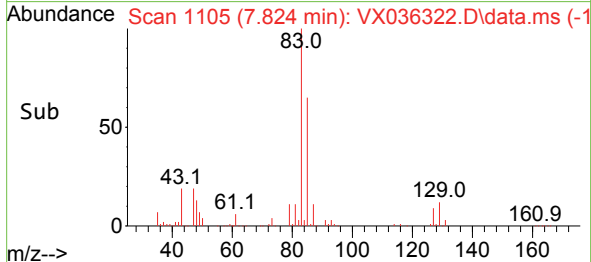
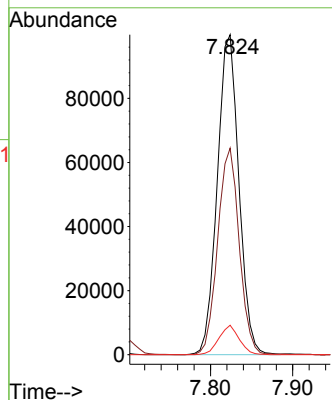
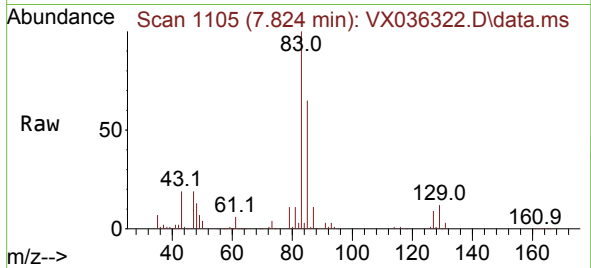




#47
Bromodichloromethane
Concen: 51.847 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

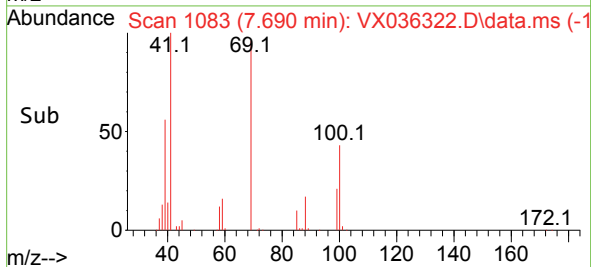
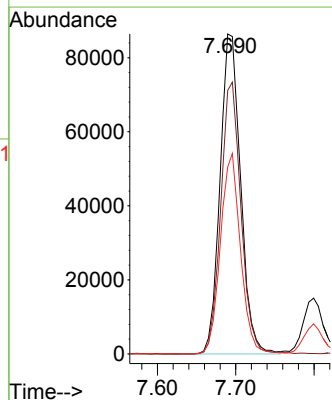
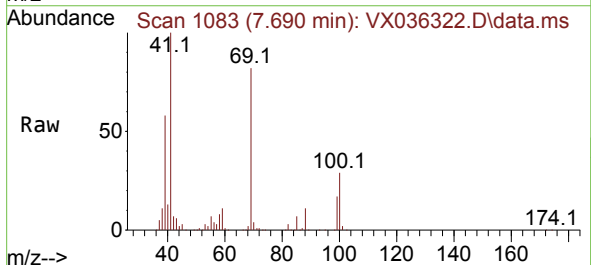
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

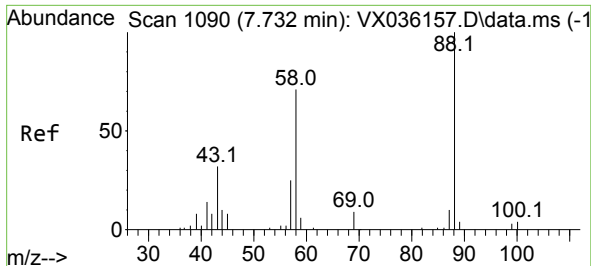
Tgt Ion: 83 Resp: 182218
Ion Ratio Lower Upper
83 100
85 64.5 49.8 74.6
127 9.2 7.1 10.7



#48
Methyl methacrylate
Concen: 53.693 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion: 41 Resp: 157962
Ion Ratio Lower Upper
41 100
69 83.7 59.2 88.8
39 61.2 47.7 71.5





#49

1,4-Dioxane

Concen: 879.049 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. -0.024 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

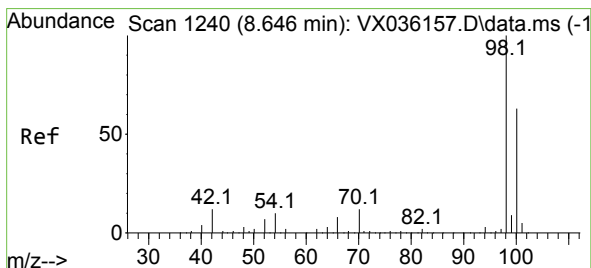
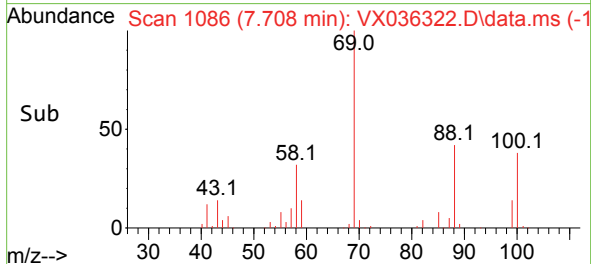
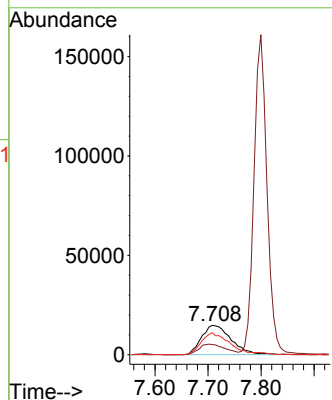
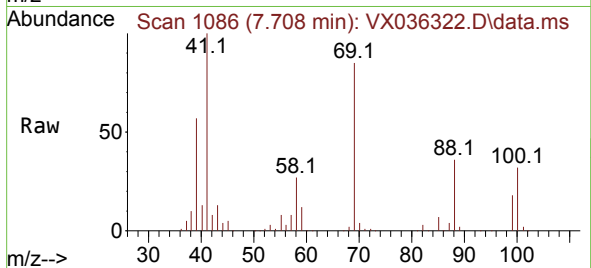
Tgt Ion: 88 Resp: 57331

Ion Ratio Lower Upper

88 100

43 32.2 0.0 0.0#

58 69.0 60.1 90.1



#50

Toluene-d8

Concen: 49.131 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036322.D

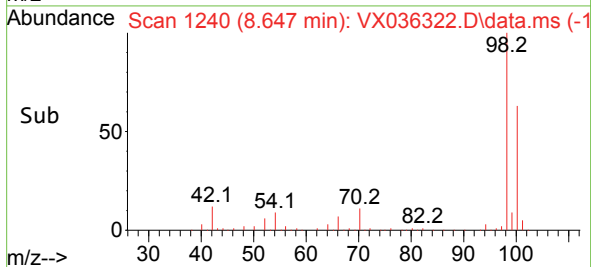
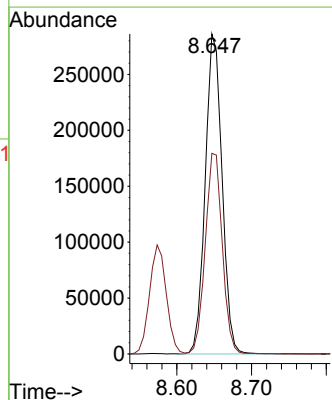
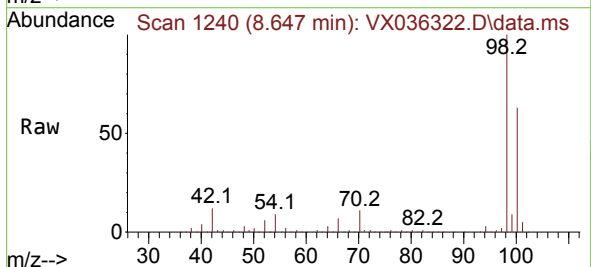
Acq: 24 Jun 2023 19:21

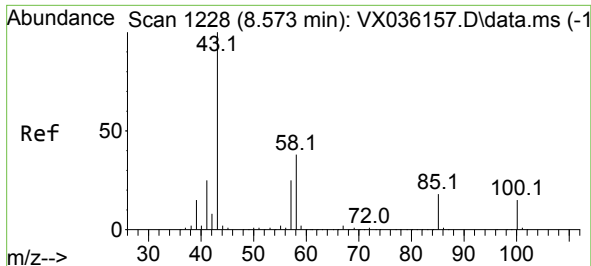
Tgt Ion: 98 Resp: 446740

Ion Ratio Lower Upper

98 100

100 63.6 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 266.646 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

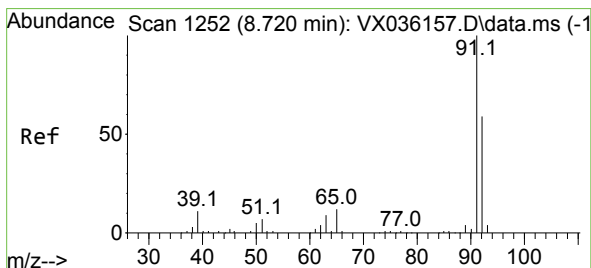
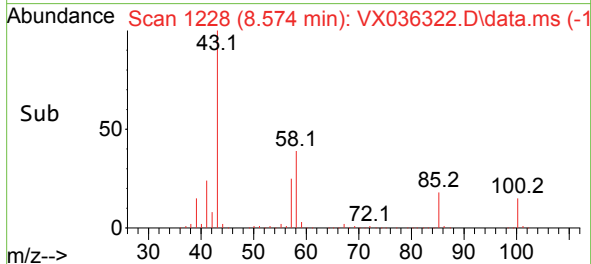
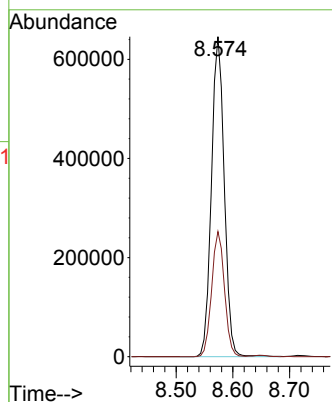
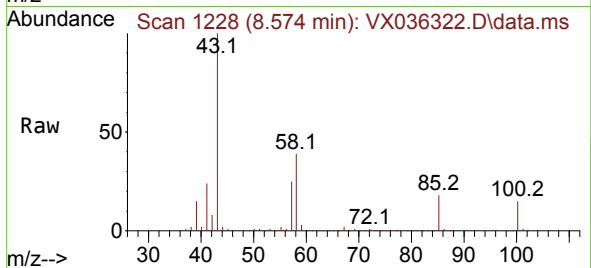
VSTDCCC050EC

Tgt Ion: 43 Resp: 1013636

Ion Ratio Lower Upper

43 100

58 38.9 30.4 45.6



#52

Toluene

Concen: 47.880 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX036322.D

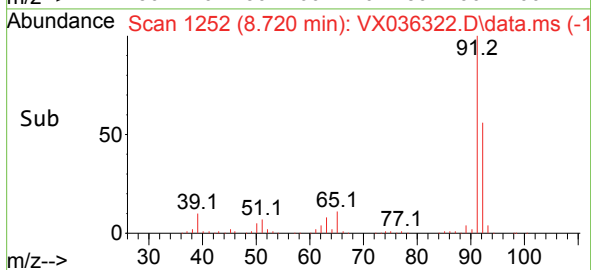
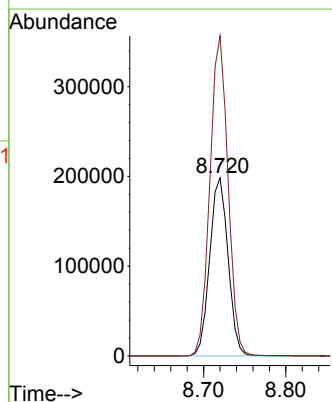
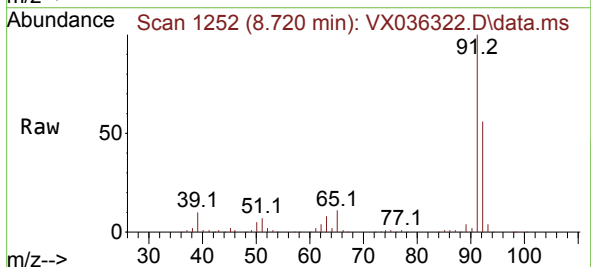
Acq: 24 Jun 2023 19:21

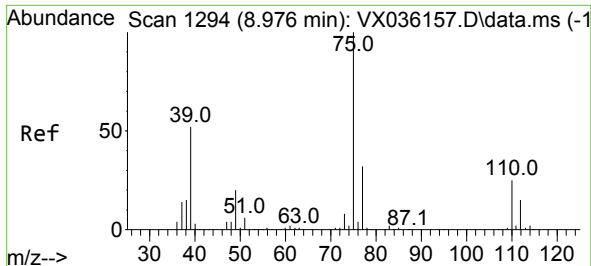
Tgt Ion: 92 Resp: 307606

Ion Ratio Lower Upper

92 100

91 177.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 53.640 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

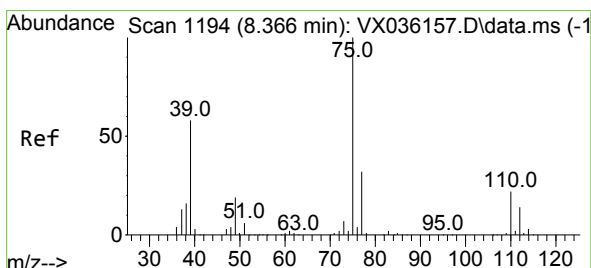
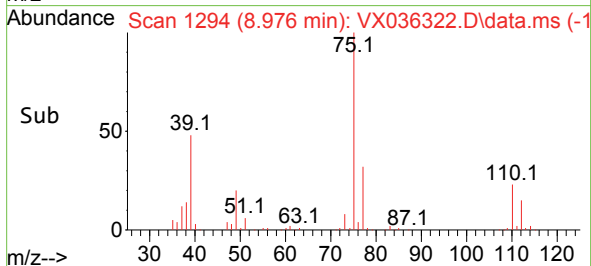
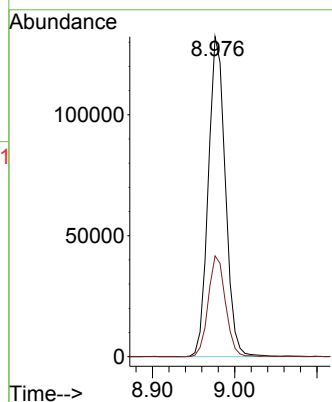
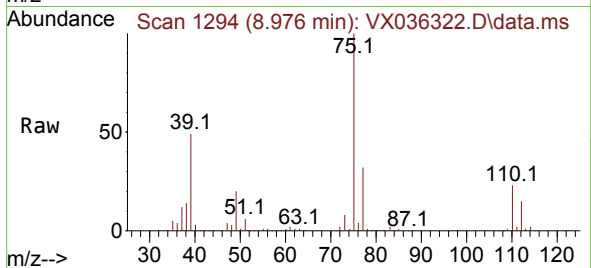
VSTDCCC050EC

Tgt Ion: 75 Resp: 190432

Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 53.169 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

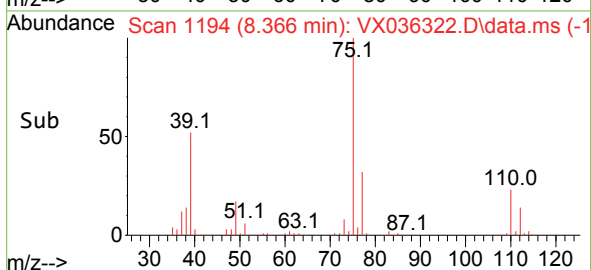
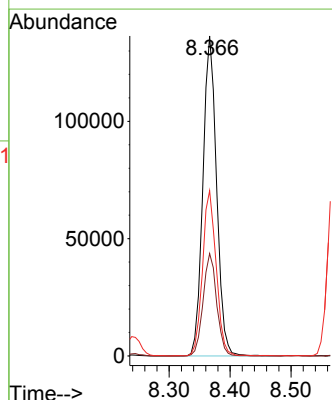
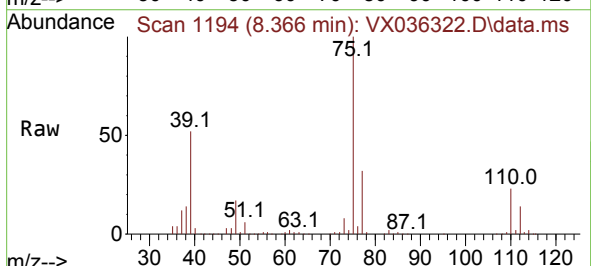
Tgt Ion: 75 Resp: 213381

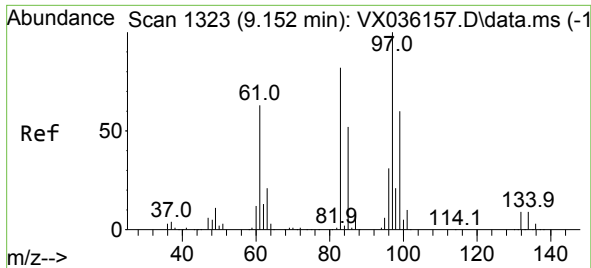
Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

39 51.6 46.7 70.1



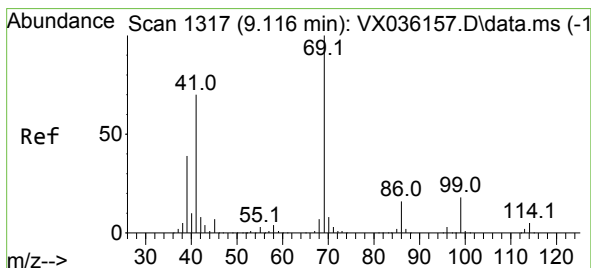
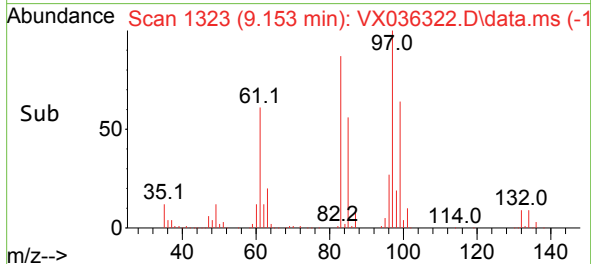
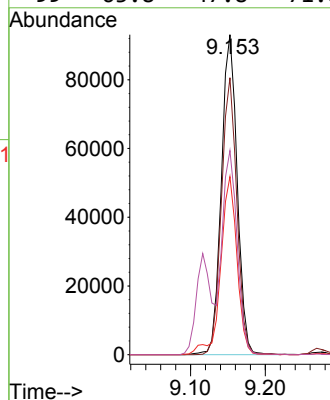
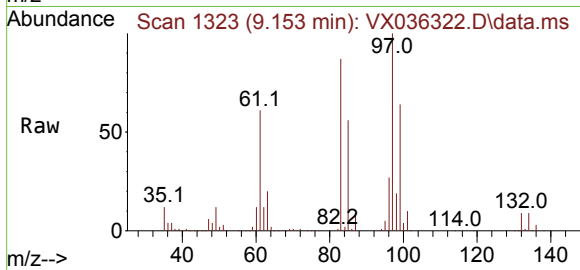


#55
 1,1,2-Trichloroethane
 Concen: 51.515 ug/l
 RT: 9.153 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VX036322.D
 Acq: 24 Jun 2023 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 137545

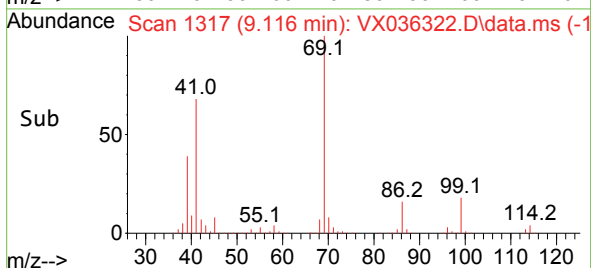
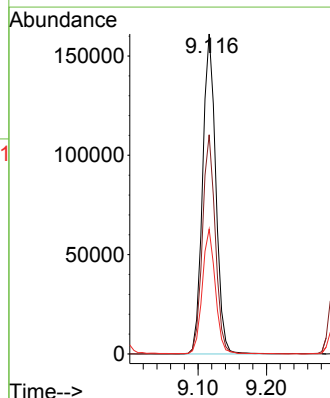
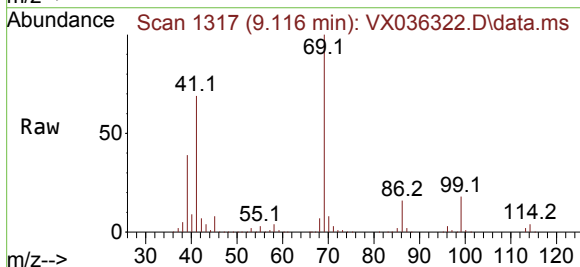
Ion	Ratio	Lower	Upper
97	100		
83	86.6	65.8	98.8
85	55.7	41.6	62.4
99	63.8	47.8	71.8

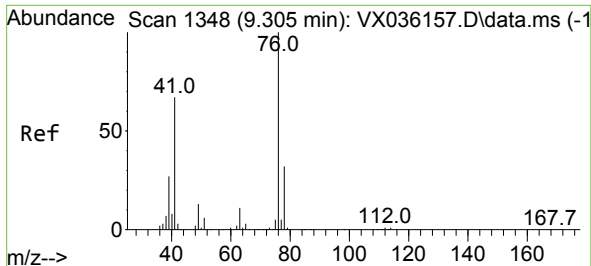


#56
 Ethyl methacrylate
 Concen: 54.144 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX036322.D
 Acq: 24 Jun 2023 19:21

Tgt Ion: 69 Resp: 216233

Ion	Ratio	Lower	Upper
69	100		
41	66.7	56.8	85.2
39	38.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 50.523 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

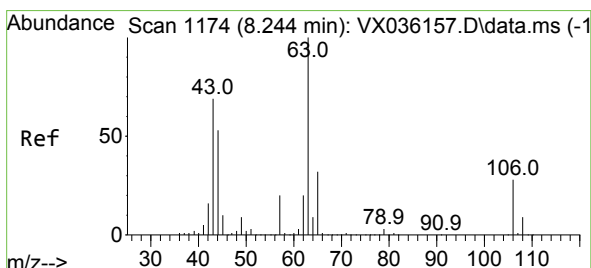
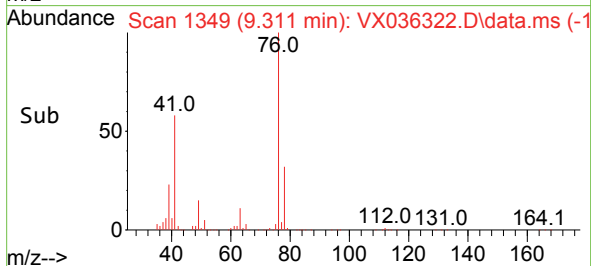
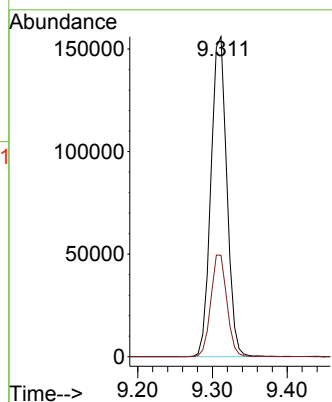
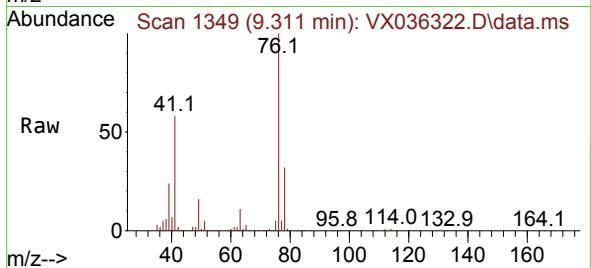
VSTDCCC050EC

Tgt Ion: 76 Resp: 231186

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 273.339 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036322.D

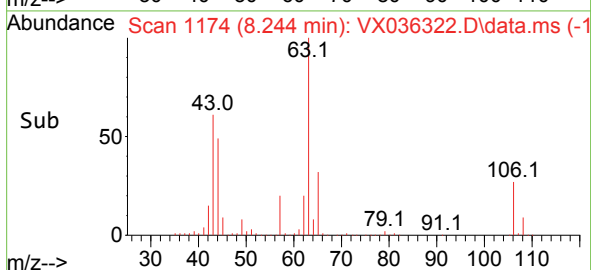
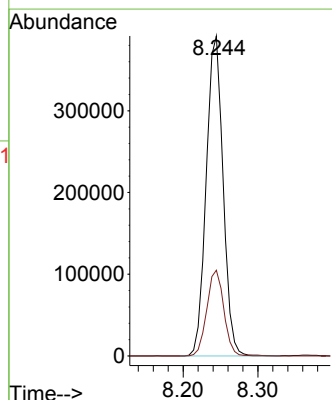
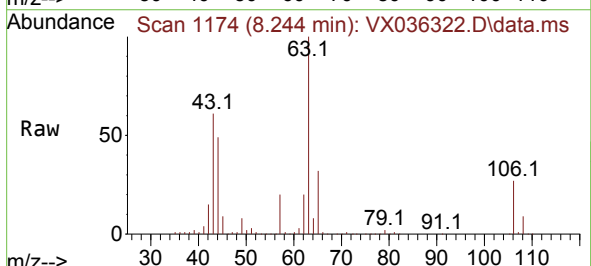
Acq: 24 Jun 2023 19:21

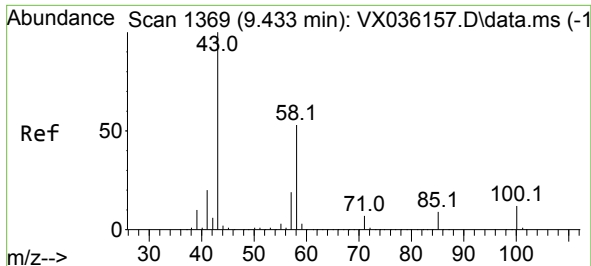
Tgt Ion: 63 Resp: 613477

Ion Ratio Lower Upper

63 100

106 27.0 22.5 33.7

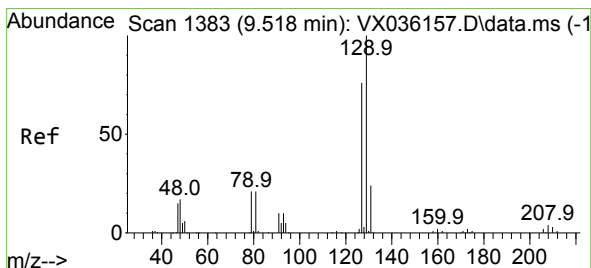
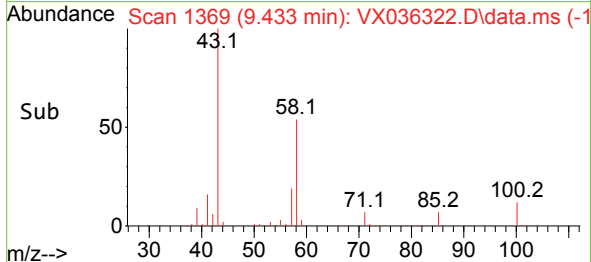
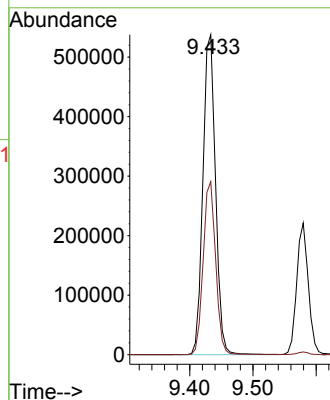
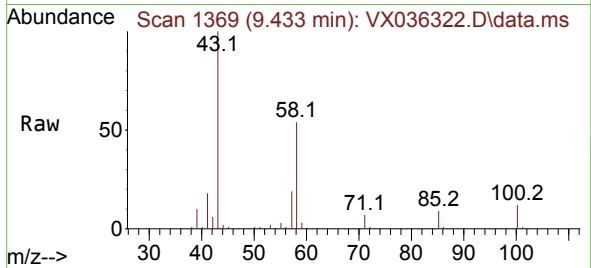




#59
2-Hexanone
Concen: 268.089 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

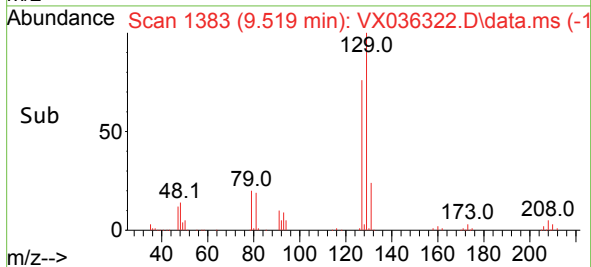
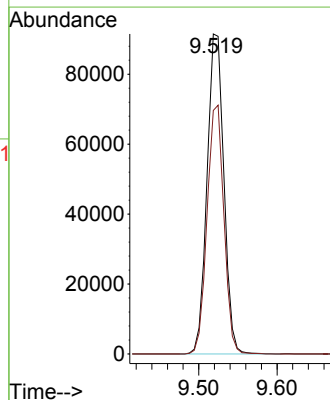
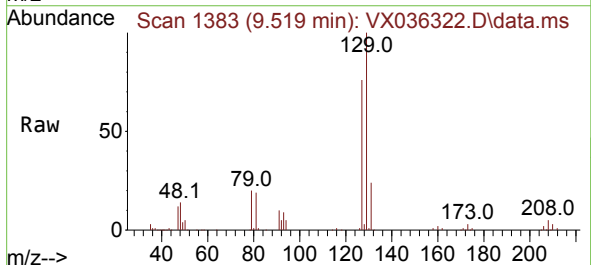
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

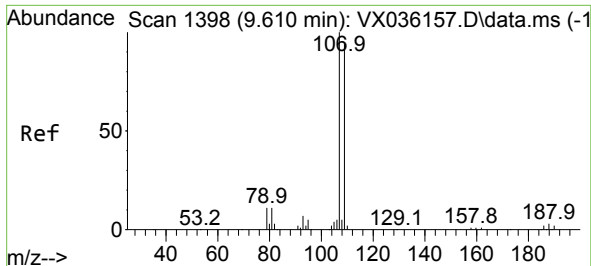
Tgt Ion: 43 Resp: 744216
Ion Ratio Lower Upper
43 100
58 53.8 26.2 78.5



#60
Dibromochloromethane
Concen: 52.555 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.001 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion: 129 Resp: 136336
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4

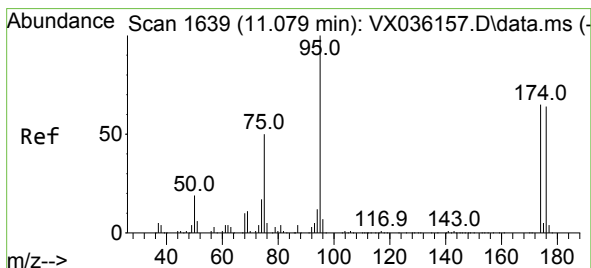
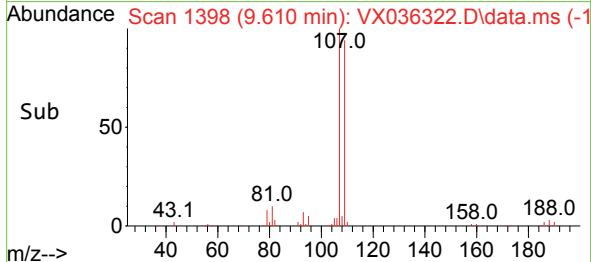
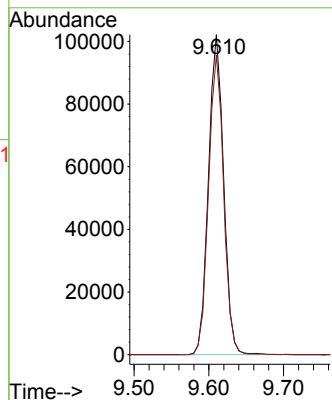
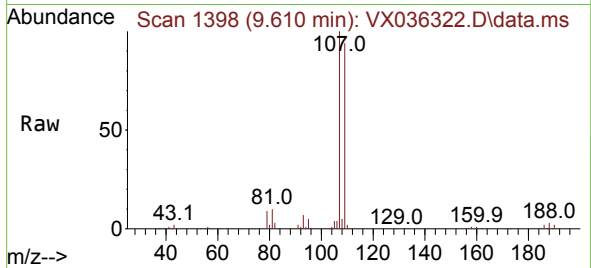




#61
1,2-Dibromoethane
Concen: 50.804 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

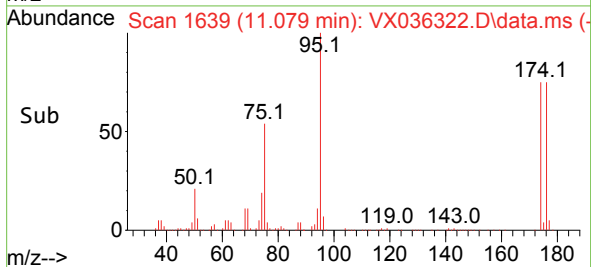
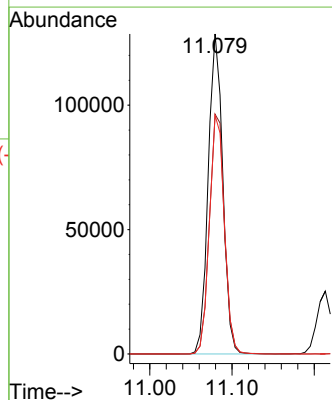
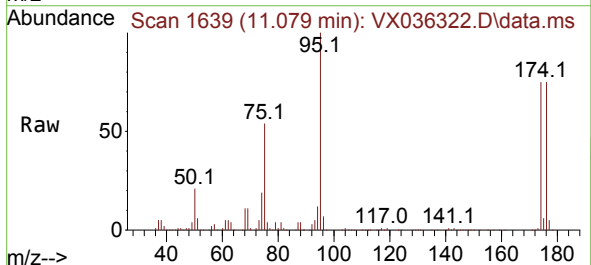
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

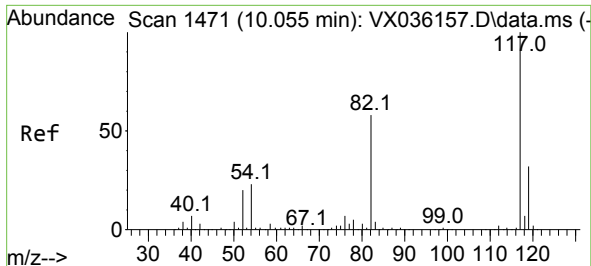
Tgt Ion:107 Resp: 143955
Ion Ratio Lower Upper
107 100
109 93.3 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 49.373 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion: 95 Resp: 158132
Ion Ratio Lower Upper
95 100
174 77.1 0.0 135.6
176 76.5 0.0 131.0

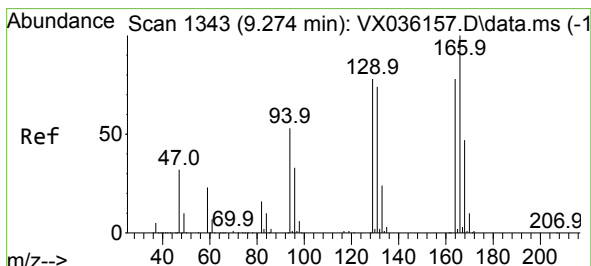
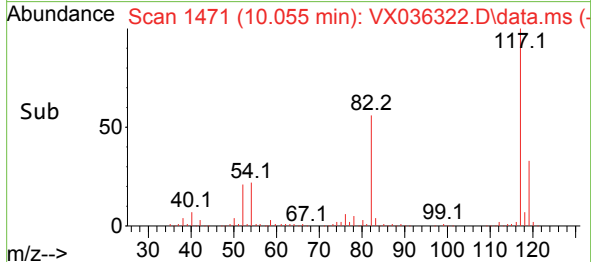
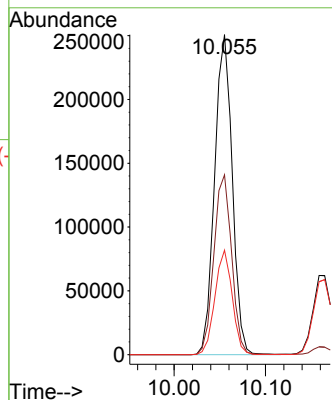
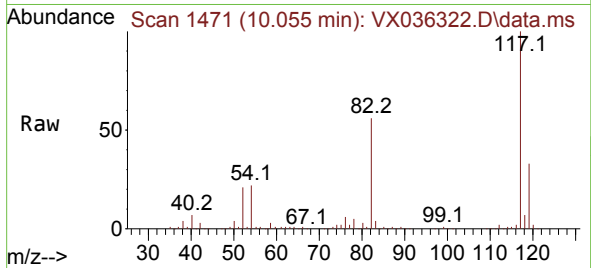




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

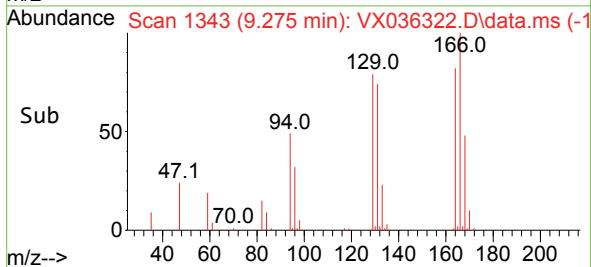
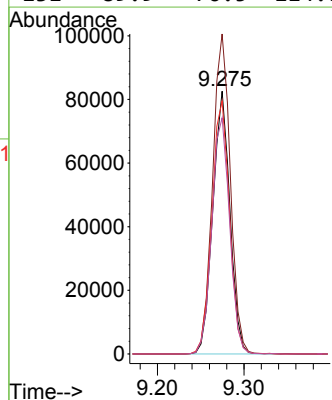
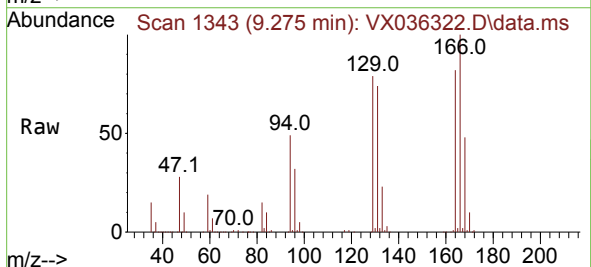
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

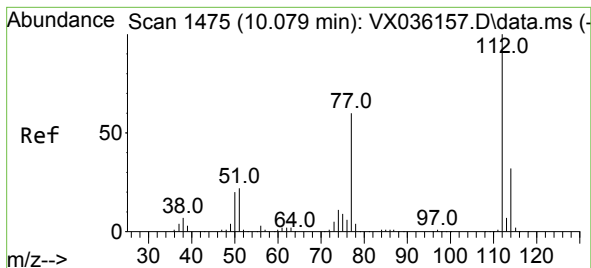
Tgt Ion:117 Resp: 336378
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 47.606 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion:164 Resp: 113070
Ion Ratio Lower Upper
164 100
166 121.8 102.7 154.1
129 96.4 80.4 120.6
131 89.9 76.5 114.7

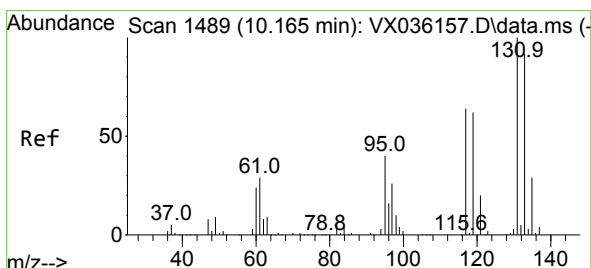
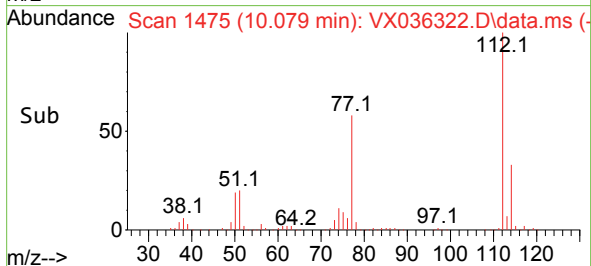
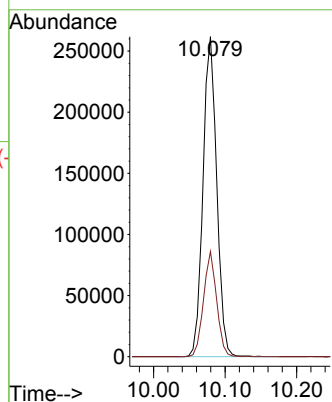
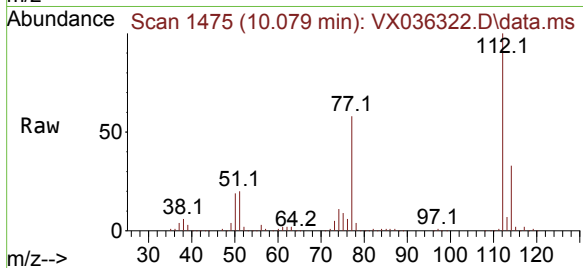




#65
Chlorobenzene
Concen: 49.282 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

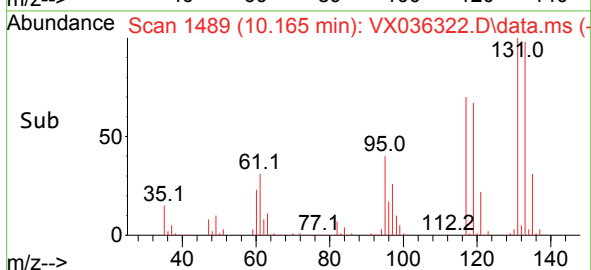
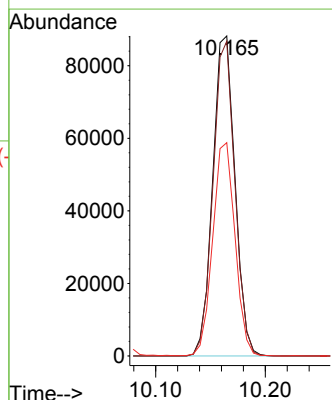
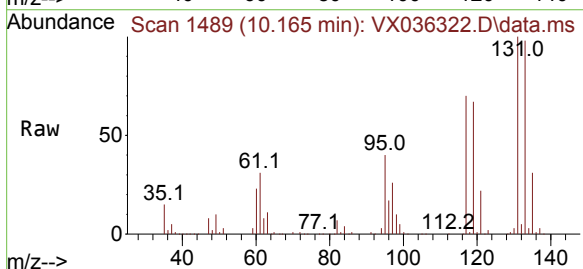
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

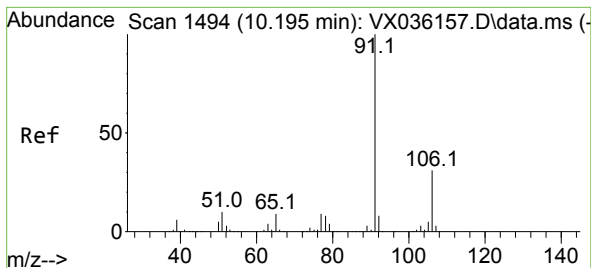
Tgt Ion:112 Resp: 348481
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.125 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion:131 Resp: 124585
Ion Ratio Lower Upper
131 100
133 96.5 47.1 141.4
119 66.8 32.2 96.6

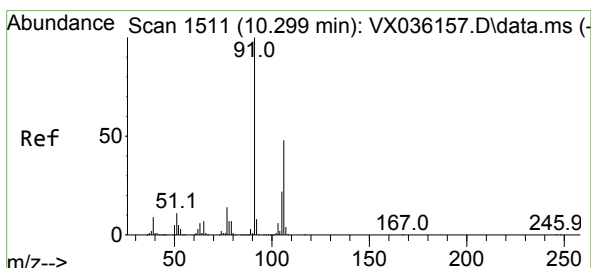
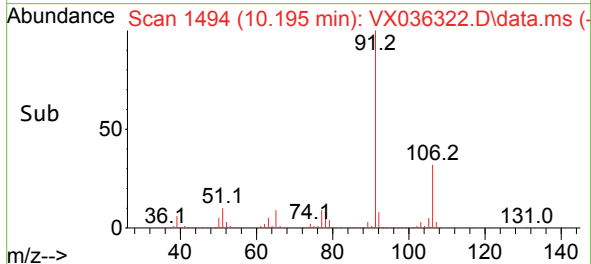
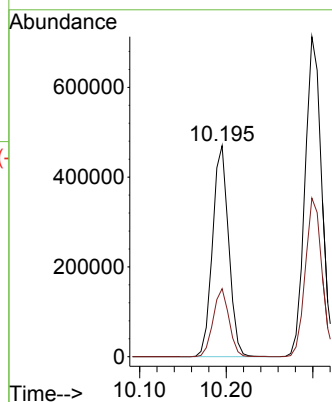
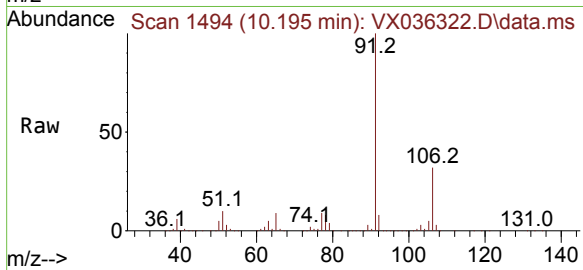




#67
Ethyl Benzene
Concen: 48.232 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

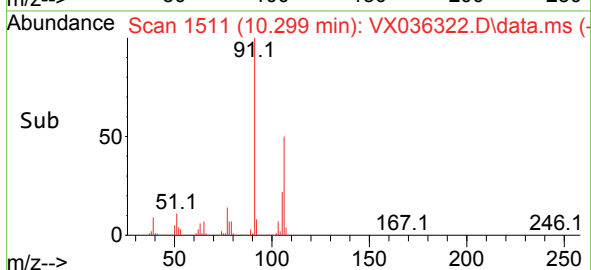
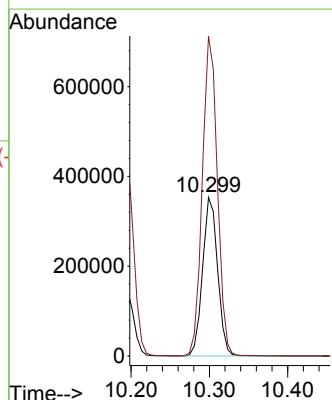
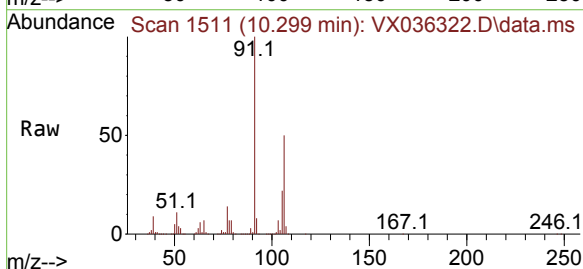
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

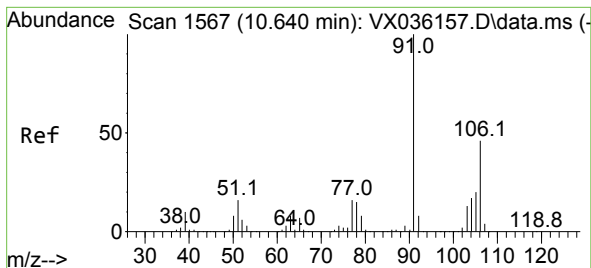
Tgt Ion: 91 Resp: 606329
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3



#68
m/p-Xylenes
Concen: 96.241 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion: 106 Resp: 470049
Ion Ratio Lower Upper
106 100
91 202.0 165.5 248.3





#69

o-Xylene

Concen: 49.631 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

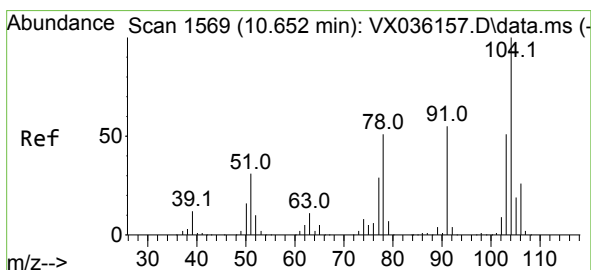
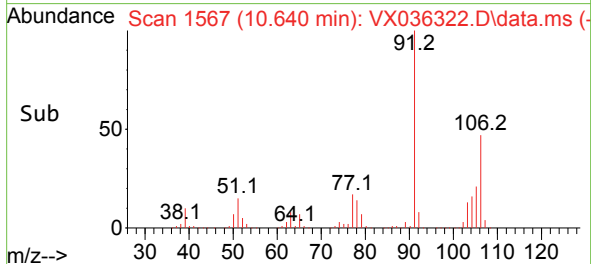
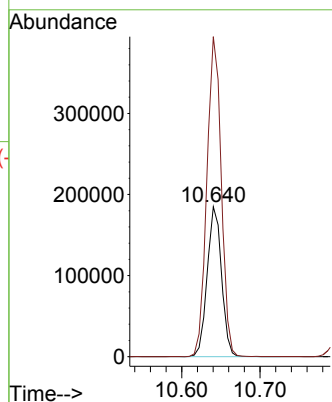
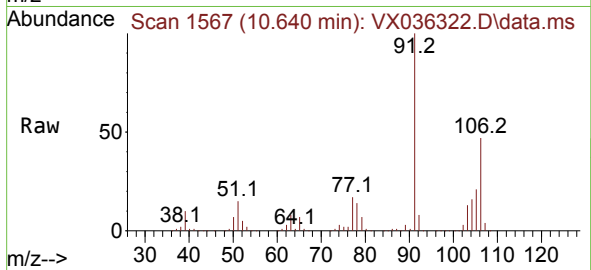
VSTDCCC050EC

Tgt Ion:106 Resp: 234085

Ion Ratio Lower Upper

106 100

91 214.8 108.9 326.8



#70

Styrene

Concen: 49.253 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.001 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

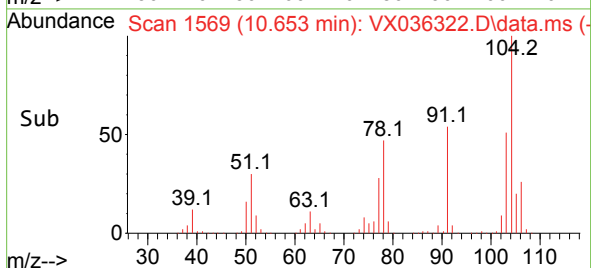
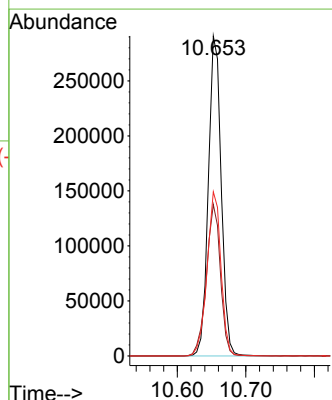
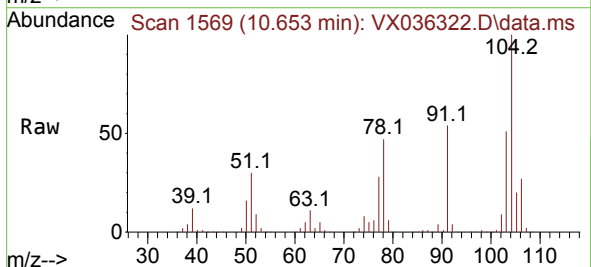
Tgt Ion:104 Resp: 380352

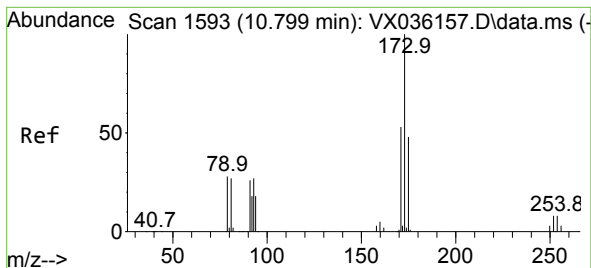
Ion Ratio Lower Upper

104 100

78 51.8 43.6 65.4

103 55.6 43.6 65.4





#71

Bromoform

Concen: 54.270 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

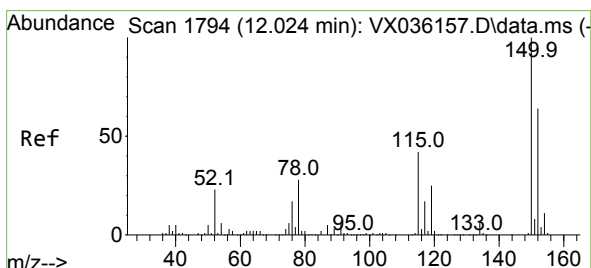
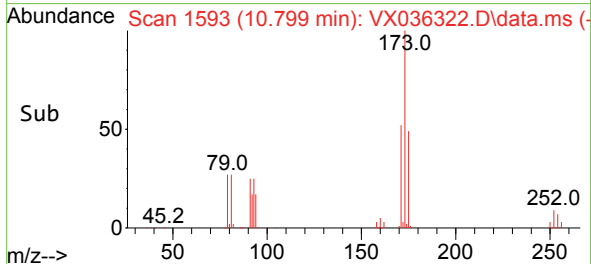
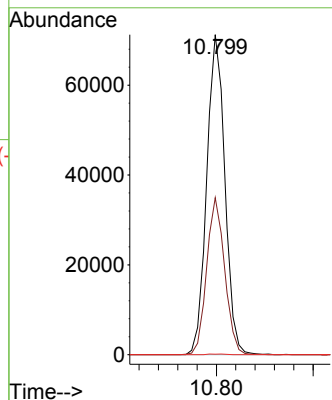
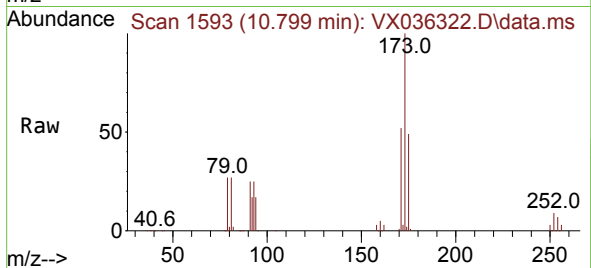
Tgt Ion:173 Resp: 93037

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.4

254 0.2 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: VX036322.D

Acq: 24 Jun 2023 19:21

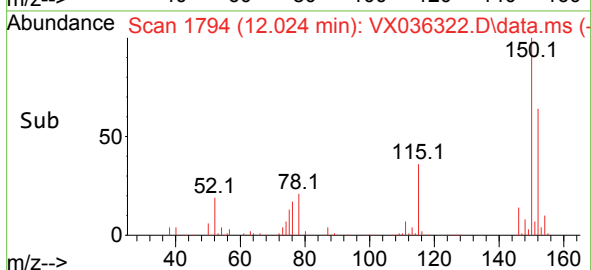
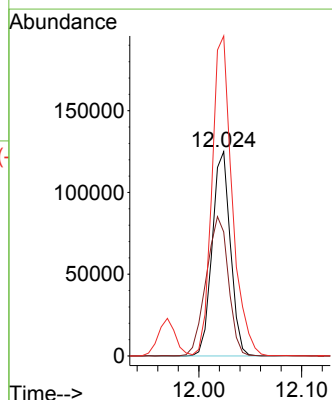
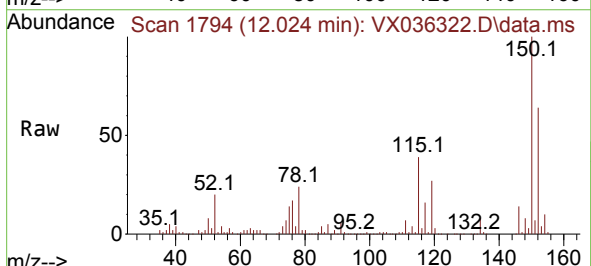
Tgt Ion:152 Resp: 153433

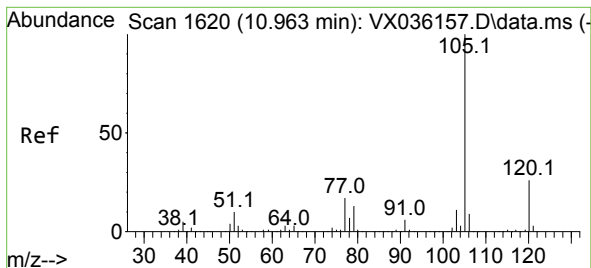
Ion Ratio Lower Upper

152 100

115 83.5 43.3 129.9

150 174.4 0.0 345.0





#73

Isopropylbenzene

Concen: 50.097 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

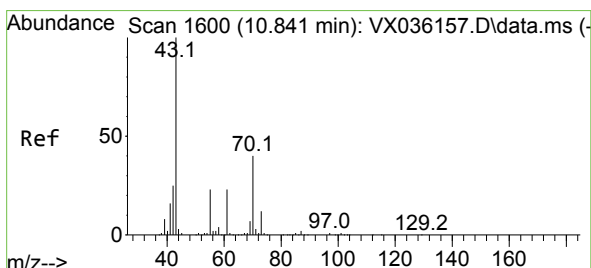
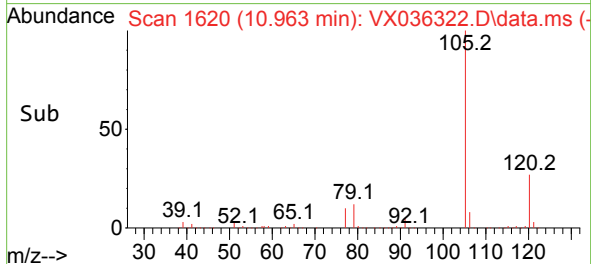
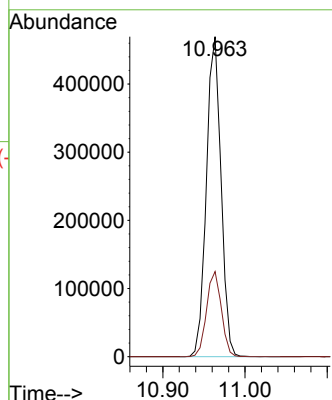
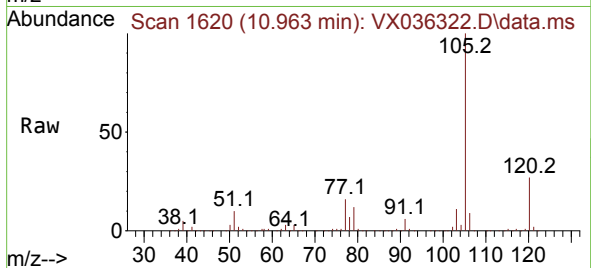
VSTDCCC050EC

Tgt Ion:105 Resp: 579266

Ion Ratio Lower Upper

105 100

120 26.9 12.9 38.6



#74

N-ethyl acetate

Concen: 58.469 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

Tgt Ion: 43 Resp: 267412

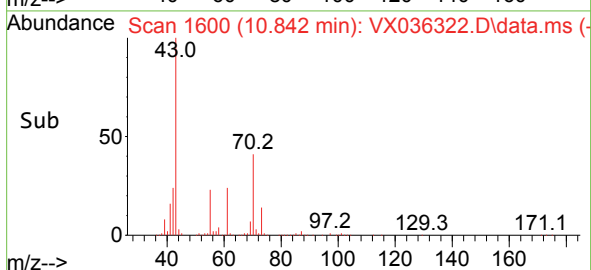
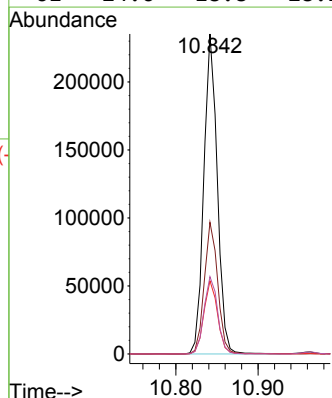
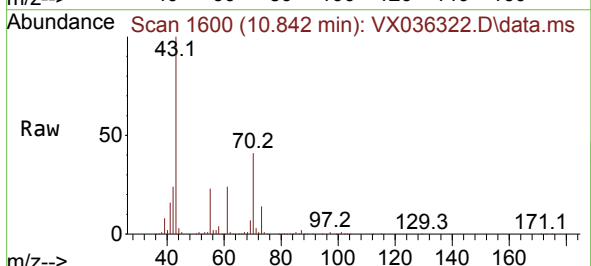
Ion Ratio Lower Upper

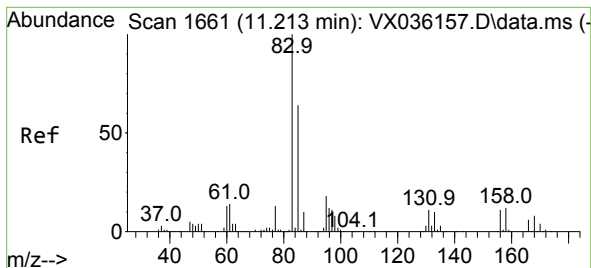
43 100

70 41.4 32.9 49.3

55 23.4 19.3 28.9

61 24.6 18.8 28.2

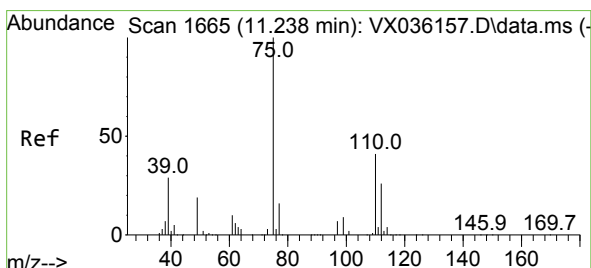
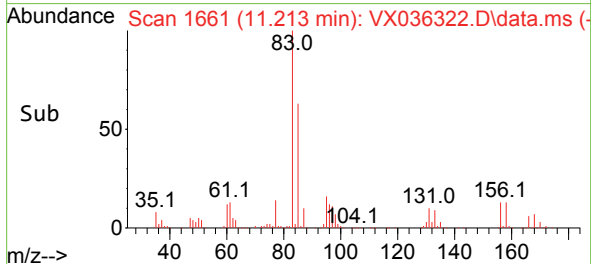
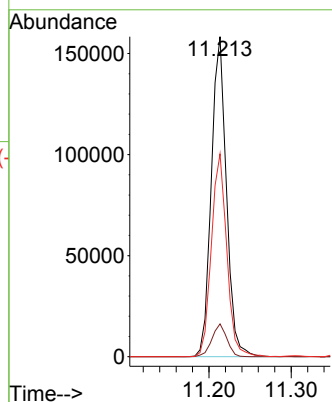
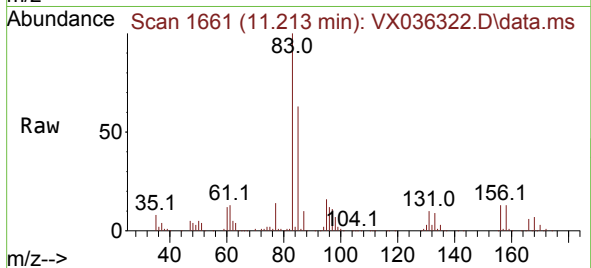




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.625 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX036322.D
 Acq: 24 Jun 2023 19:21

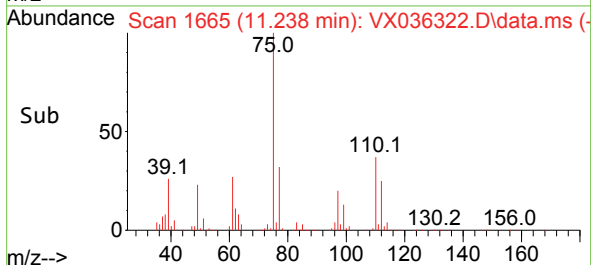
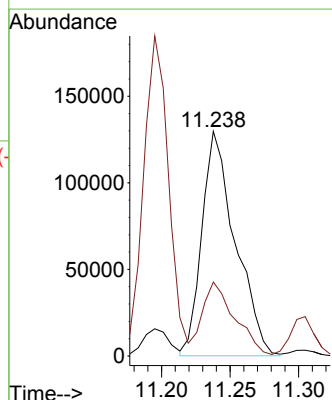
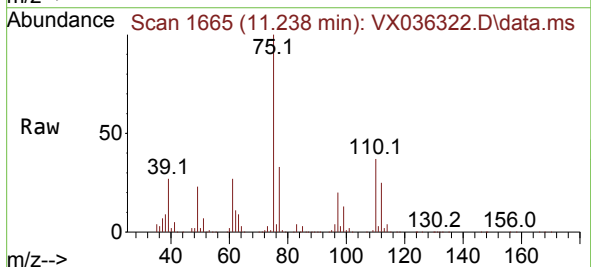
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

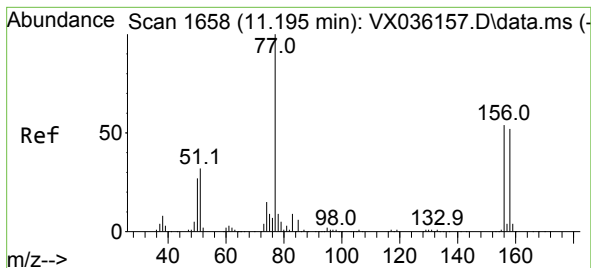
Tgt Ion: 83 Resp: 202144
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.3 15.8
 85 64.6 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 67.257 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX036322.D
 Acq: 24 Jun 2023 19:21

Tgt Ion: 75 Resp: 220117
 Ion Ratio Lower Upper
 75 100
 77 32.2 19.1 57.5





#77

Bromobenzene

Concen: 50.401 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

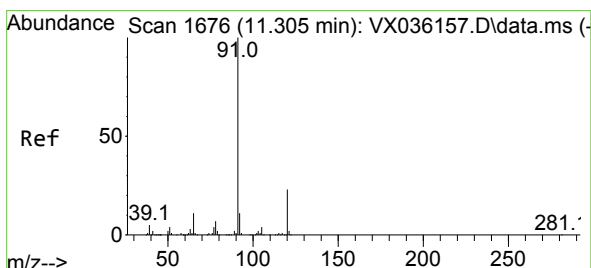
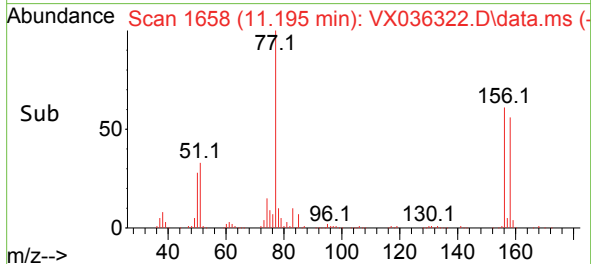
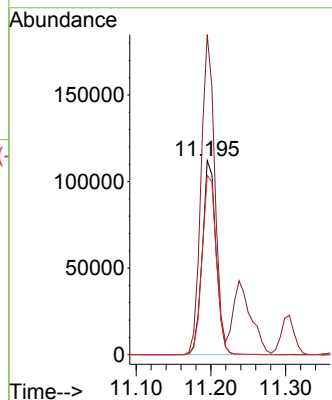
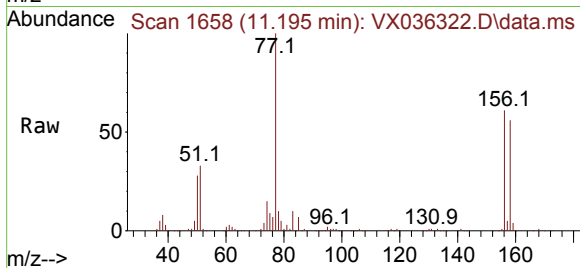
Tgt Ion:156 Resp: 143300

Ion Ratio Lower Upper

156 100

77 164.4 88.4 265.3

158 95.8 48.0 144.0



#78

n-propylbenzene

Concen: 49.810 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036322.D

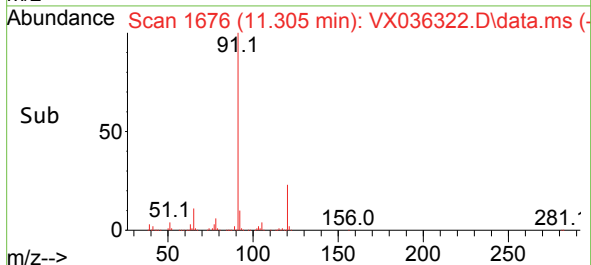
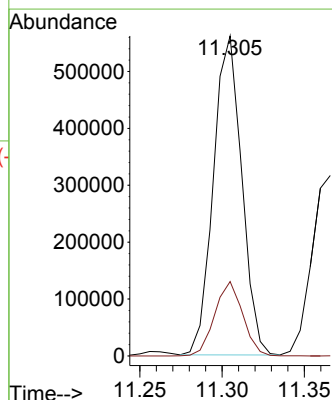
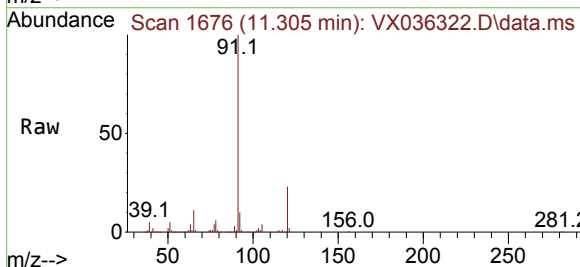
Acq: 24 Jun 2023 19:21

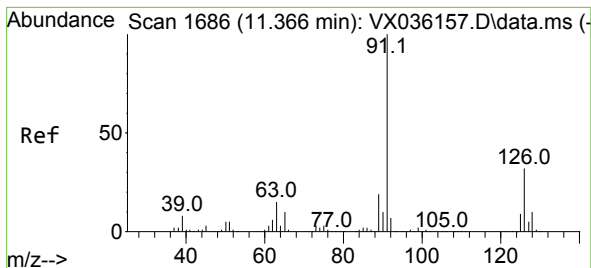
Tgt Ion: 91 Resp: 672630

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

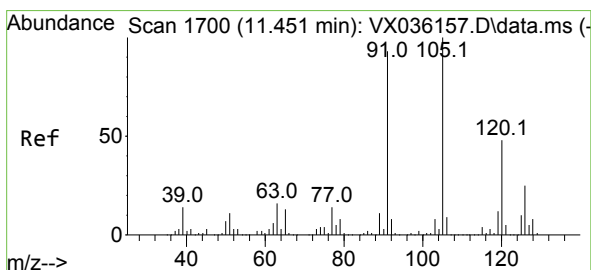
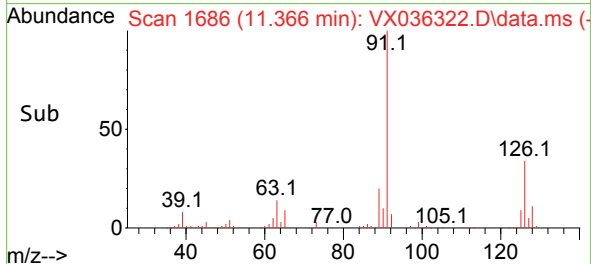
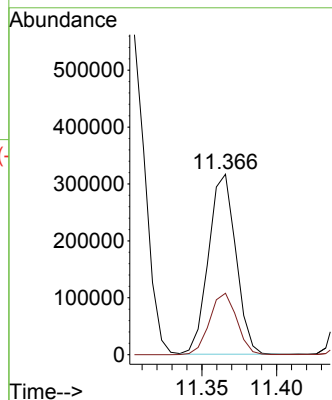
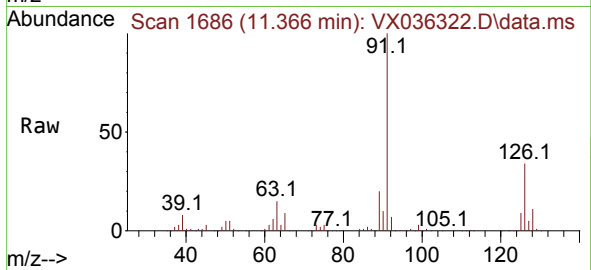




#79
2-Chlorotoluene
Concen: 50.113 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

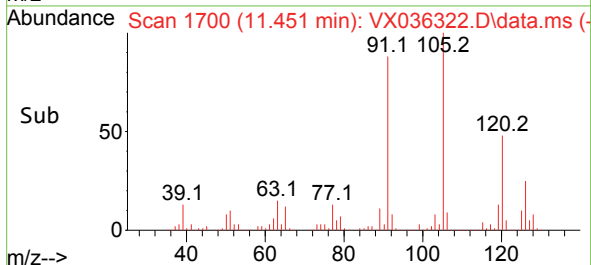
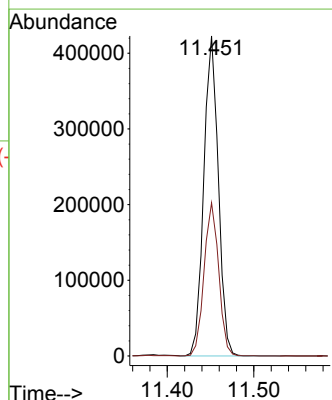
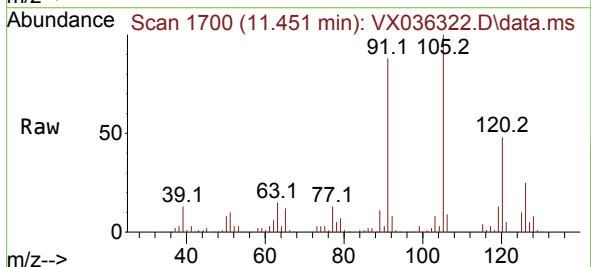
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

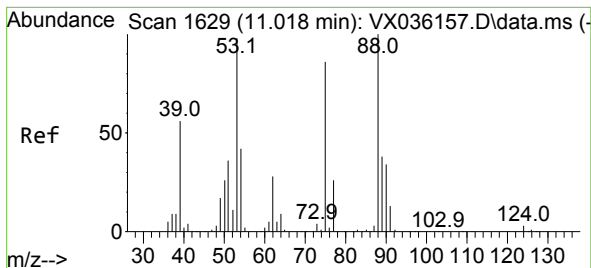
Tgt Ion: 91 Resp: 402562
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 50.294 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion: 105 Resp: 492490
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3

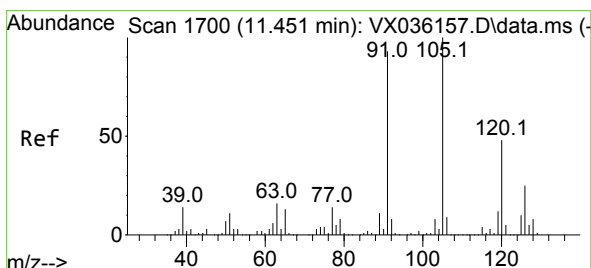
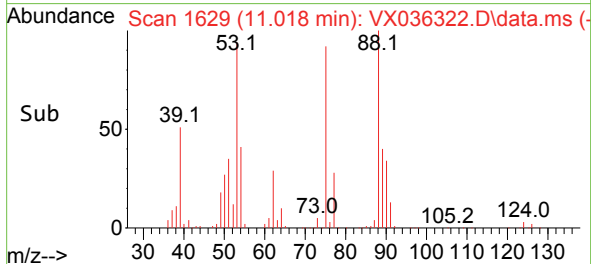
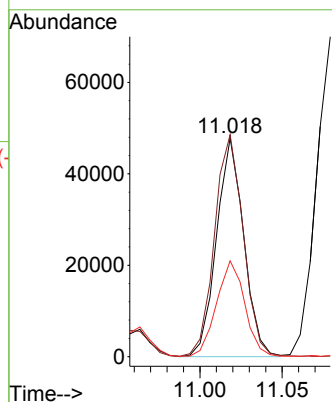
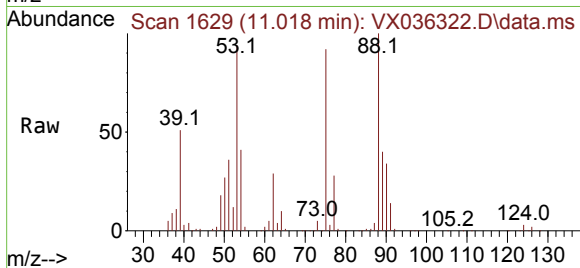




#81
trans-1,4-Dichloro-2-butene
Concen: 54.828 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

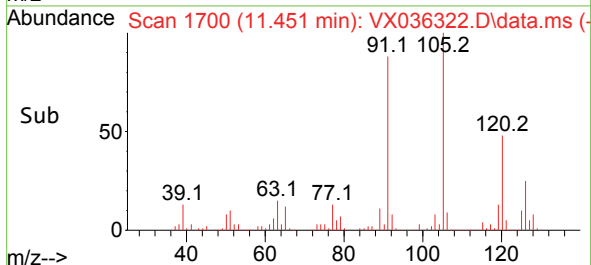
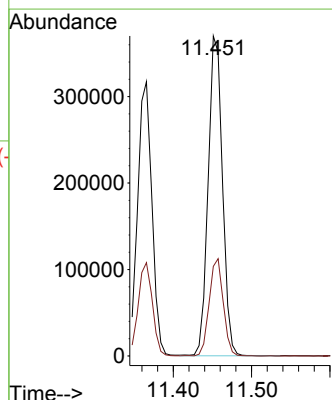
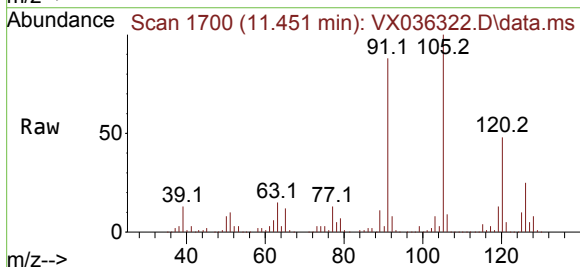
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

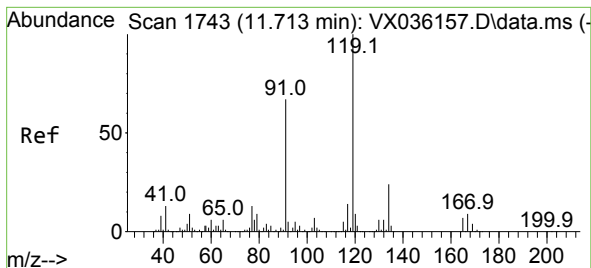
Tgt Ion: 75 Resp: 55047
Ion Ratio Lower Upper
75 100
53 106.7 90.5 135.7
89 45.3 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.034 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion: 91 Resp: 467931
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.239 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

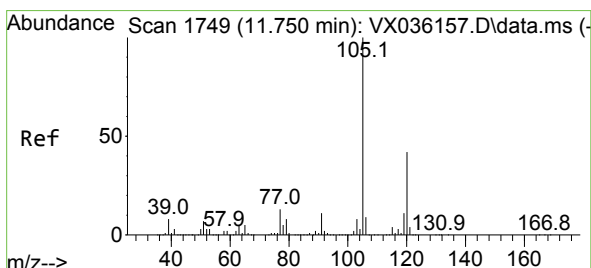
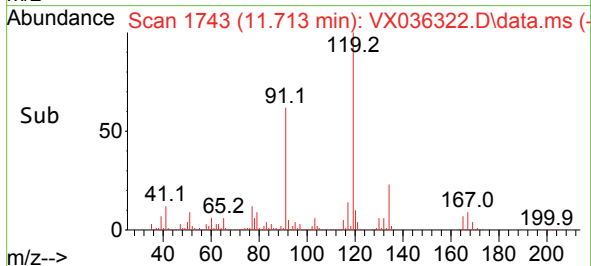
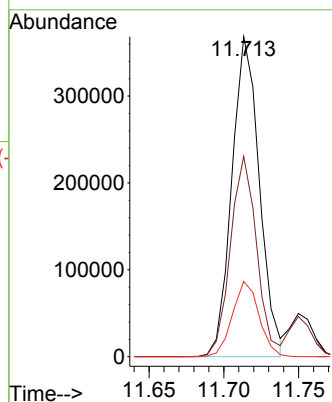
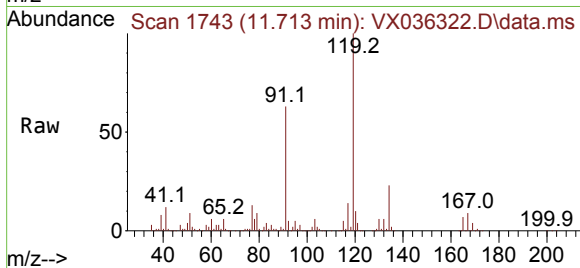
Tgt Ion:119 Resp: 471473

Ion Ratio Lower Upper

119 100

91 59.9 31.2 93.6

134 22.8 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 50.876 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036322.D

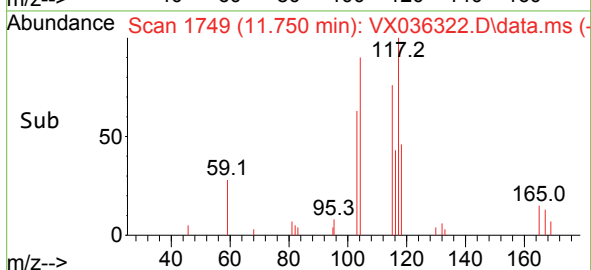
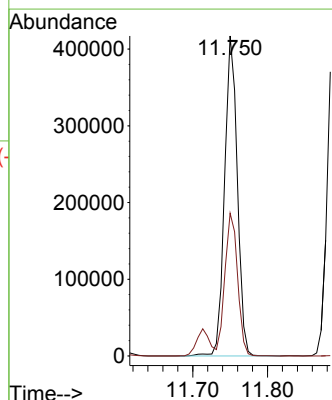
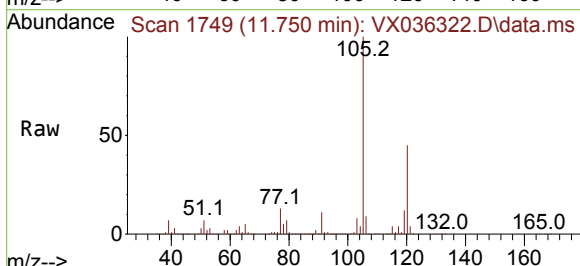
Acq: 24 Jun 2023 19:21

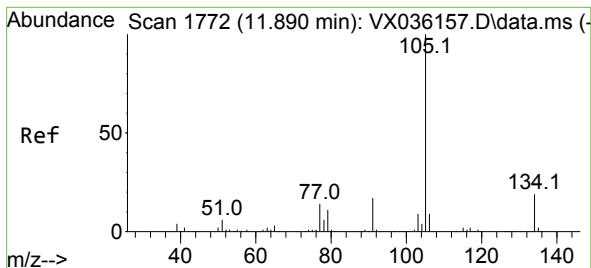
Tgt Ion:105 Resp: 492876

Ion Ratio Lower Upper

105 100

120 44.5 21.2 63.6

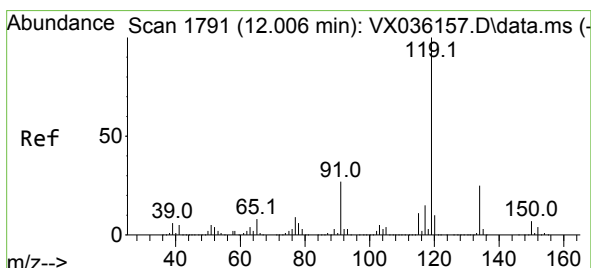
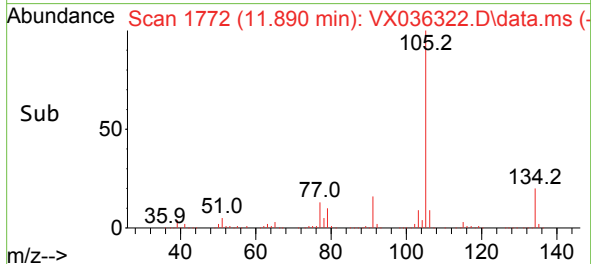
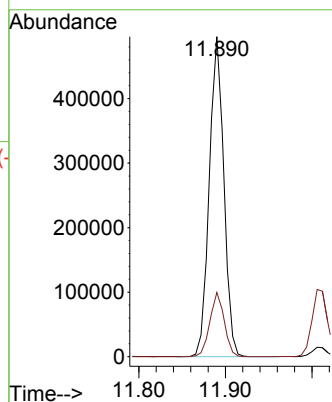
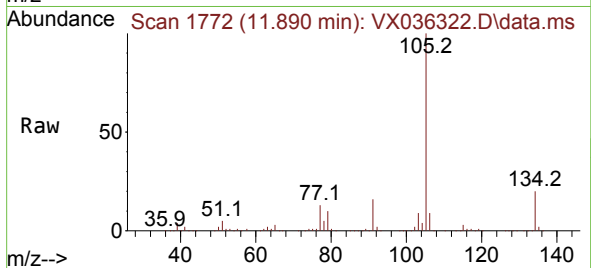




#85
 sec-Butylbenzene
 Concen: 48.616 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036322.D
 Acq: 24 Jun 2023 19:21

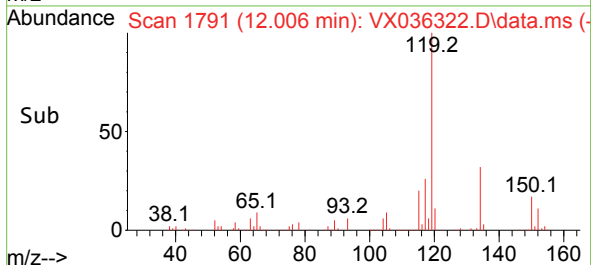
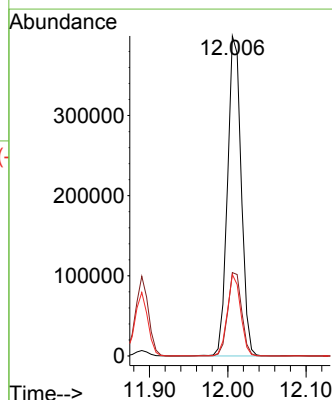
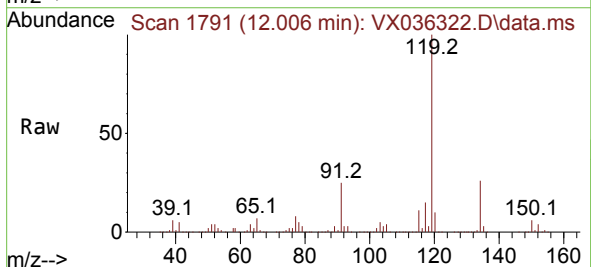
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

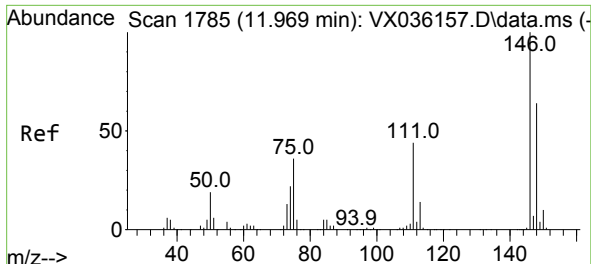
Tgt Ion:105 Resp: 577985
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 48.715 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036322.D
 Acq: 24 Jun 2023 19:21

Tgt Ion:119 Resp: 486061
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.3
 91 24.7 13.1 39.3

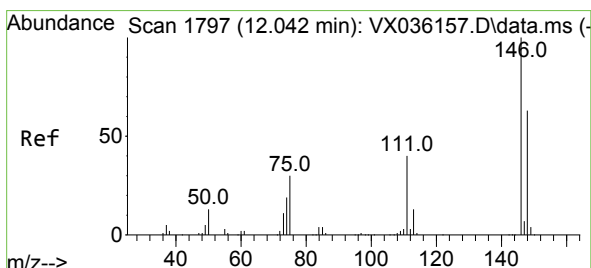
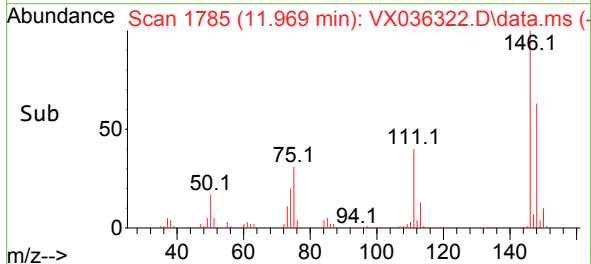
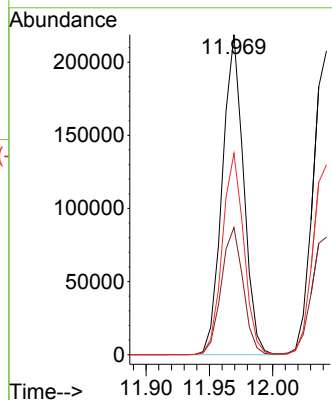
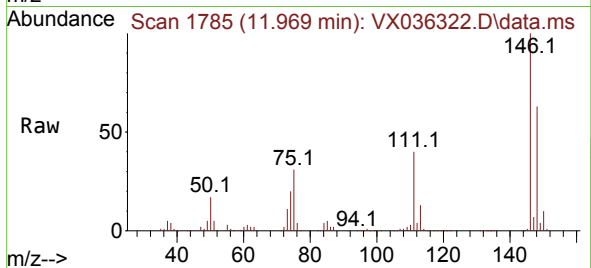




#87
1,3-Dichlorobenzene
Concen: 48.930 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

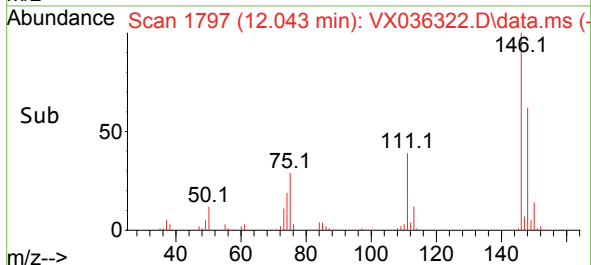
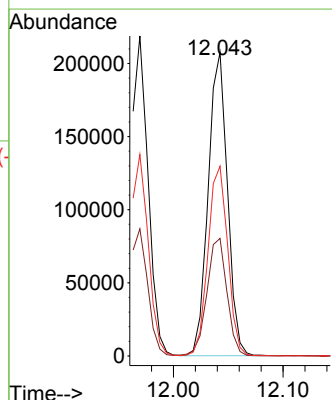
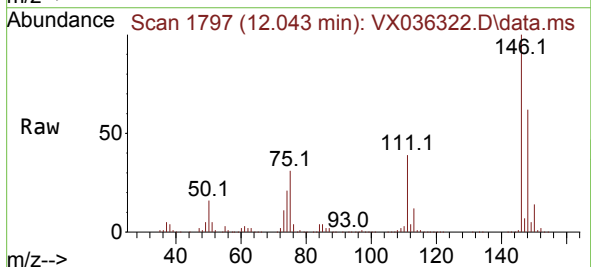
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

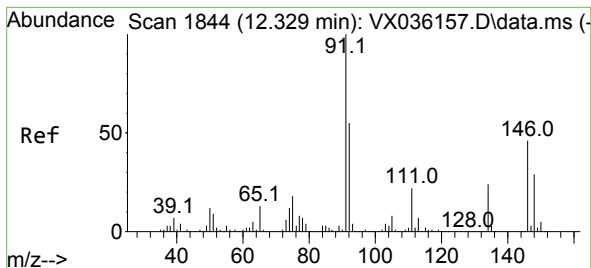
Tgt Ion:146 Resp: 255776
Ion Ratio Lower Upper
146 100
111 40.7 22.1 66.1
148 63.4 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 47.470 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion:146 Resp: 252673
Ion Ratio Lower Upper
146 100
111 40.4 21.3 63.7
148 64.3 31.8 95.4





#89

n-Butylbenzene

Concen: 47.550 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

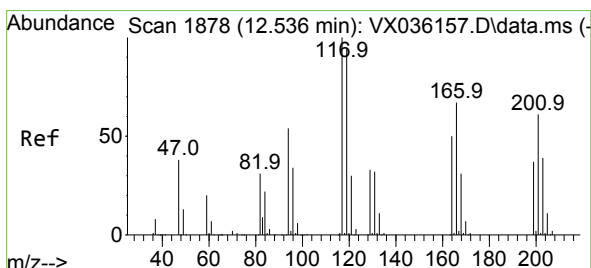
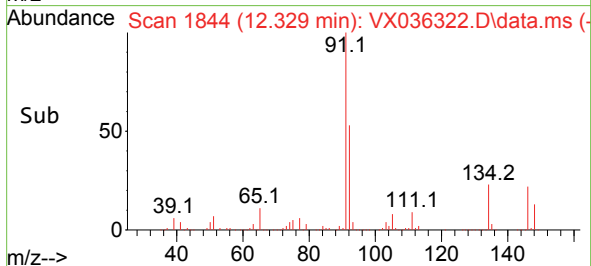
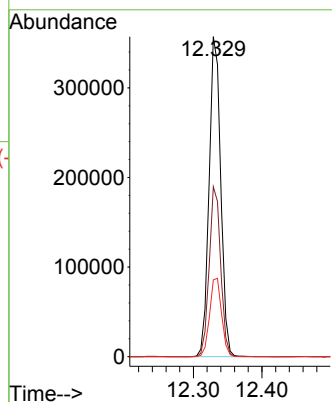
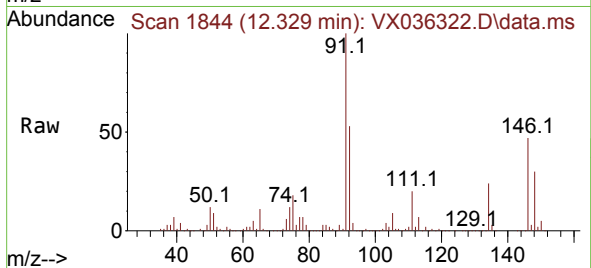
Tgt Ion: 91 Resp: 422229

Ion Ratio Lower Upper

91 100

92 52.3 27.4 82.0

134 25.2 12.6 37.8



#90

Hexachloroethane

Concen: 50.951 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX036322.D

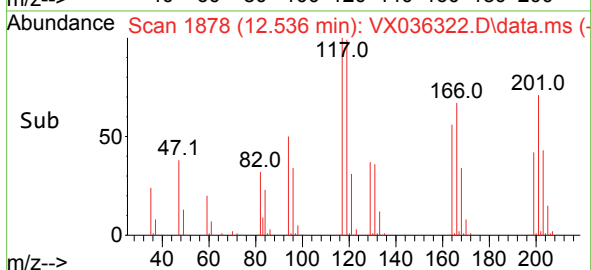
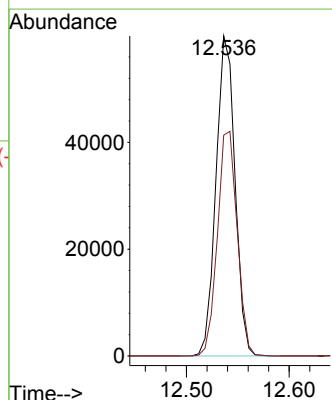
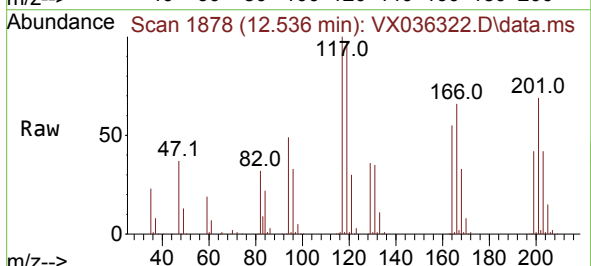
Acq: 24 Jun 2023 19:21

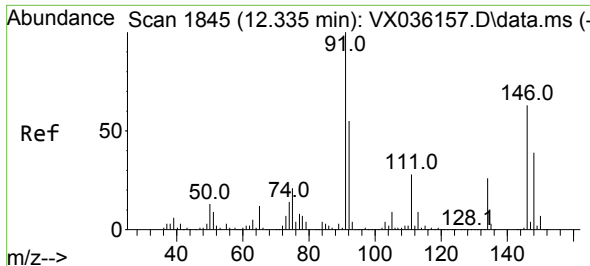
Tgt Ion: 117 Resp: 76996

Ion Ratio Lower Upper

117 100

201 73.0 32.9 98.6

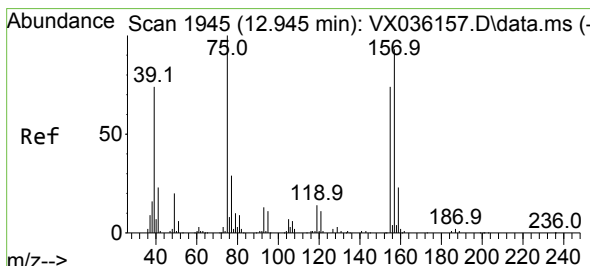
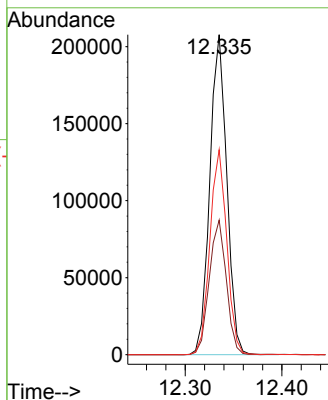
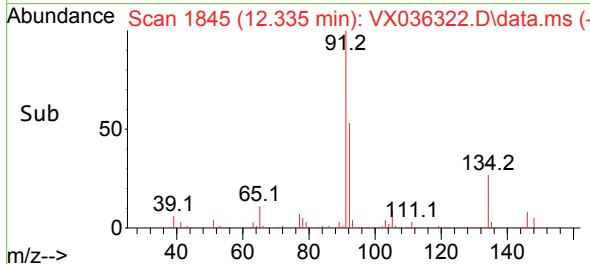
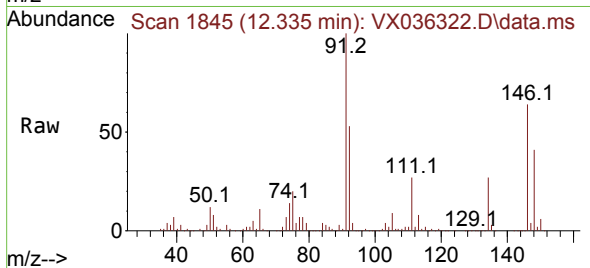




#91
1,2-Dichlorobenzene
Concen: 49.228 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

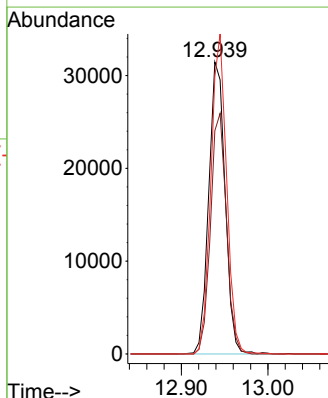
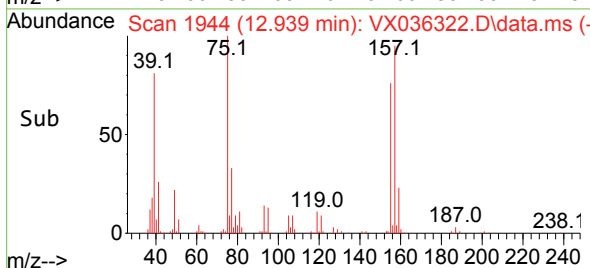
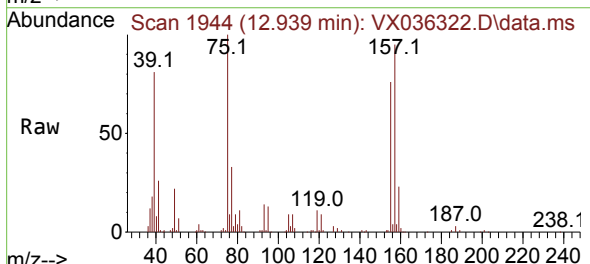
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

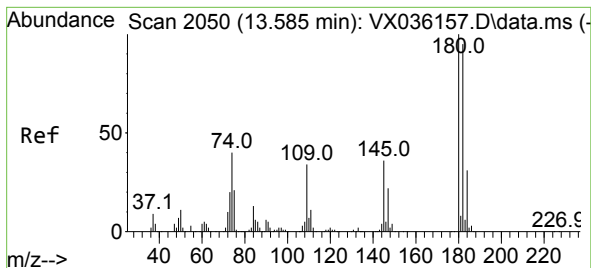
Tgt Ion:146 Resp: 253384
Ion Ratio Lower Upper
146 100
111 42.3 22.4 67.0
148 63.9 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.505 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036322.D
Acq: 24 Jun 2023 19:21

Tgt Ion: 75 Resp: 41281
Ion Ratio Lower Upper
75 100
155 80.2 36.1 108.5
157 104.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.145 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

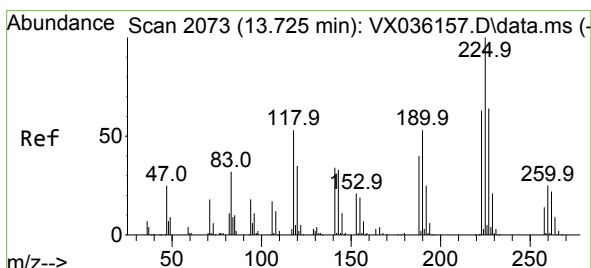
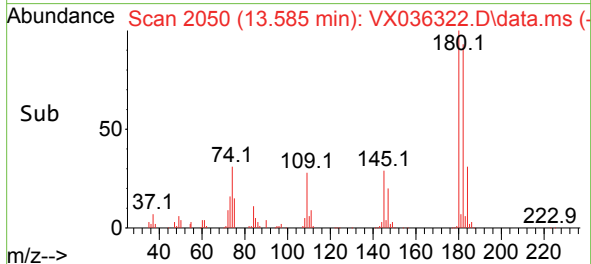
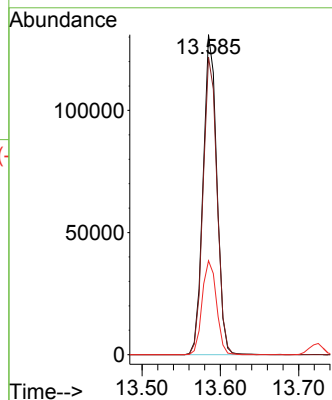
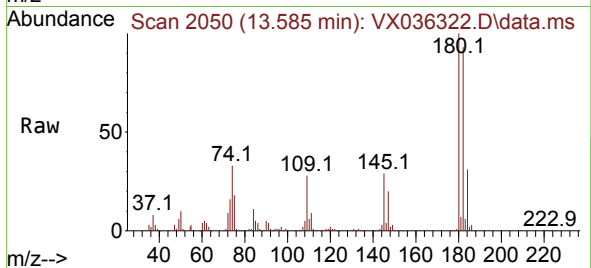
Tgt Ion:180 Resp: 158981

Ion Ratio Lower Upper

180 100

182 94.6 48.3 144.8

145 30.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 42.284 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

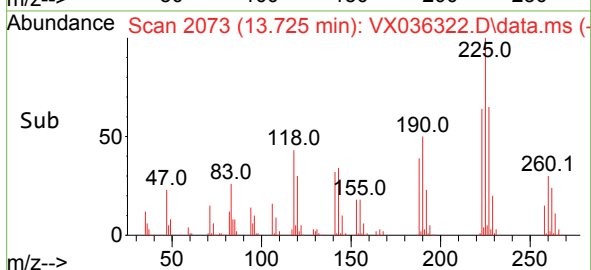
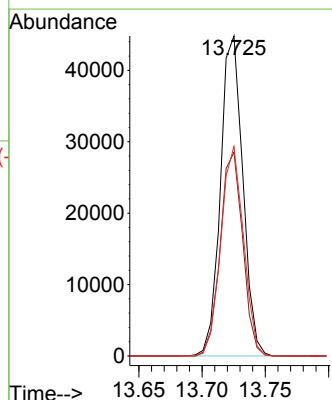
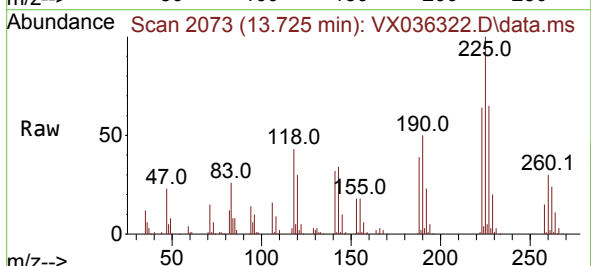
Tgt Ion:225 Resp: 54904

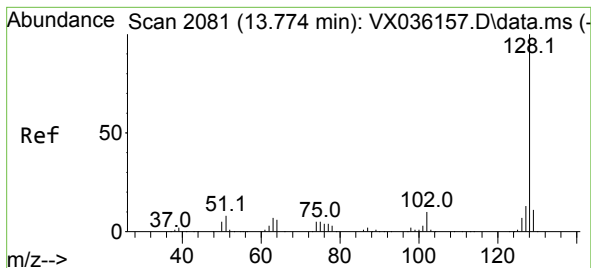
Ion Ratio Lower Upper

225 100

223 64.2 31.1 93.2

227 66.0 32.5 97.5





#95

Naphthalene

Concen: 53.874 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

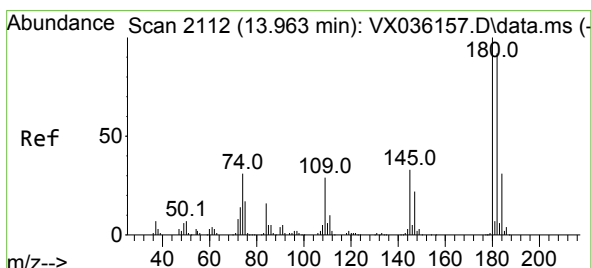
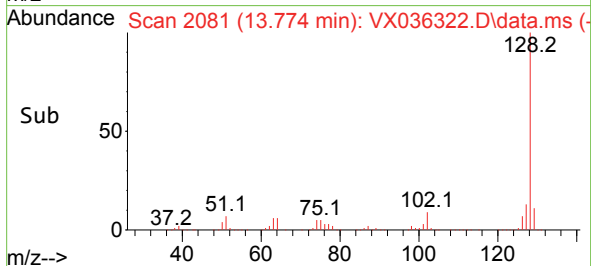
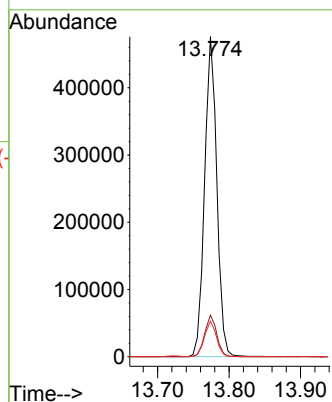
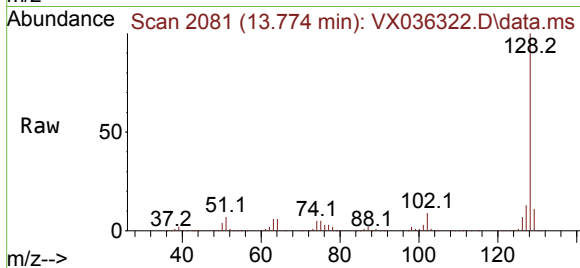
Tgt Ion:128 Resp: 564276

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 52.117 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX036322.D

Acq: 24 Jun 2023 19:21

Tgt Ion:180 Resp: 161175

Ion Ratio Lower Upper

180 100

182 93.1 46.9 140.6

145 32.6 17.8 53.5

