

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038391.D
 Acq On : 20 Oct 2023 09:39
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Quant Time: Oct 21 01:23:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	159483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	265419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	265209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146148	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	116023	45.230	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.460%
35) Dibromofluoromethane	5.379	113	97169	50.807	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.620%
50) Toluene-d8	8.647	98	356502	48.781	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.560%
62) 4-Bromofluorobenzene	11.079	95	140447	50.692	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.380%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	81016	52.628	ug/l	100
3) Chloromethane	1.294	50	72443	46.171	ug/l	99
4) Vinyl Chloride	1.374	62	90519	52.034	ug/l	100
5) Bromomethane	1.599	94	120653	52.857	ug/l	96
6) Chloroethane	1.678	64	65964	51.681	ug/l	94
7) Trichlorofluoromethane	1.886	101	179989	52.381	ug/l	99
8) Diethyl Ether	2.130	74	61713	48.157	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.325	101	81939	54.624	ug/l	98
10) Methyl Iodide	2.453	142	100287	46.465	ug/l	94
11) Tert butyl alcohol	2.959	59	117783	206.055	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	75481	51.730	ug/l	86
13) Acrolein	2.233	56	72653	199.231	ug/l	99
14) Allyl chloride	2.660	41	123883	47.466	ug/l	94
15) Acrylonitrile	3.062	53	279400	239.343	ug/l	99
16) Acetone	2.373	43	247937	231.592	ug/l	92
17) Carbon Disulfide	2.508	76	186352	44.312	ug/l	100
18) Methyl Acetate	2.697	43	232607	50.666	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	281146	48.379	ug/l	99
20) Methylene Chloride	2.788	84	90513	44.948	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	89402	49.485	ug/l	88
22) Diisopropyl ether	3.757	45	267561	48.915	ug/l #	90
23) Vinyl Acetate	3.721	43	981053	244.568	ug/l #	95
24) 1,1-Dichloroethane	3.605	63	156703	47.205	ug/l	99
25) 2-Butanone	4.550	43	406563	235.368	ug/l #	89
26) 2,2-Dichloropropane	4.471	77	129166	49.837	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	105306	48.942	ug/l	91
28) Bromochloromethane	4.897	49	61861	41.280	ug/l	85
29) Tetrahydrofuran	4.995	42	262769	233.653	ug/l	89
30) Chloroform	5.092	83	183389	50.519	ug/l	99
31) Cyclohexane	5.464	56	131551	47.334	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	156271	50.260	ug/l	99
36) 1,1-Dichloropropene	5.690	75	130100	49.330	ug/l	97
37) Ethyl Acetate	4.708	43	152704	48.753	ug/l	97
38) Carbon Tetrachloride	5.678	117	138054	53.211	ug/l	97
39) Methylcyclohexane	7.379	83	158874	51.430	ug/l	92
40) Benzene	6.037	78	374700	50.797	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	76918	49.365	ug/l #	89
42) 1,2-Dichloroethane	6.080	62	144396	48.995	ug/l	99
43) Isopropyl Acetate	6.336	43	230104	49.211	ug/l	97
44) Trichloroethene	7.123	130	103547	53.670	ug/l	97
45) 1,2-Dichloropropane	7.427	63	97245	50.936	ug/l	98
46) Dibromomethane	7.580	93	76854	51.903	ug/l	97
47) Bromodichloromethane	7.818	83	143270	54.390	ug/l	98
48) Methyl methacrylate	7.690	41	113883	51.019	ug/l #	86
49) 1,4-Dioxane	7.659	88	47853	869.970	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	823872	255.449	ug/l	97
52) Toluene	8.714	92	252357	52.519	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	153116	54.153	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	160442	54.009	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	110154	53.596	ug/l	97
56) Ethyl methacrylate	9.116	69	164809	52.301	ug/l	92
57) 1,3-Dichloropropane	9.305	76	175576	52.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	364519	235.663	ug/l	98
59) 2-Hexanone	9.427	43	658461	253.956	ug/l	94
60) Dibromochloromethane	9.518	129	116962	58.147	ug/l	100
61) 1,2-Dibromoethane	9.610	107	121736	54.773	ug/l	100
64) Tetrachloroethene	9.275	164	91635	53.373	ug/l	98
65) Chlorobenzene	10.079	112	284936	51.343	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	105363	56.145	ug/l	99
67) Ethyl Benzene	10.195	91	514430	51.931	ug/l	100
68) m/p-Xylenes	10.299	106	398242	103.971	ug/l	98
69) o-Xylene	10.640	106	192188	51.410	ug/l	98
70) Styrene	10.652	104	324765	53.345	ug/l	96
71) Bromoform	10.799	173	86549	49.731	ug/l #	99
73) Isopropylbenzene	10.963	105	517157	52.765	ug/l	99
74) N-amyl acetate	10.841	43	212239	50.709	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	185217	51.500	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	201148	60.541	ug/l	91
77) Bromobenzene	11.195	156	125875	52.604	ug/l	90
78) n-propylbenzene	11.305	91	620416	51.769	ug/l	100
79) 2-Chlorotoluene	11.366	91	354718	49.909	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	443796	52.484	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	52448	46.409	ug/l	92
82) 4-Chlorotoluene	11.451	91	420743	50.027	ug/l	96
83) tert-Butylbenzene	11.713	119	435257	52.679	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	439478	52.127	ug/l	98
85) sec-Butylbenzene	11.890	105	566268	52.907	ug/l	100
86) p-Isopropyltoluene	12.012	119	469595	53.179	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	242181	50.389	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	246553	50.248	ug/l	98
89) n-Butylbenzene	12.335	91	447301	50.862	ug/l	97
90) Hexachloroethane	12.536	117	79817	54.516	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	237327	51.371	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	43133	49.604	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	160583	51.824	ug/l	96
94) Hexachlorobutadiene	13.725	225	68105	54.609	ug/l	97
95) Naphthalene	13.774	128	532206	49.321	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	153995	51.327	ug/l	97

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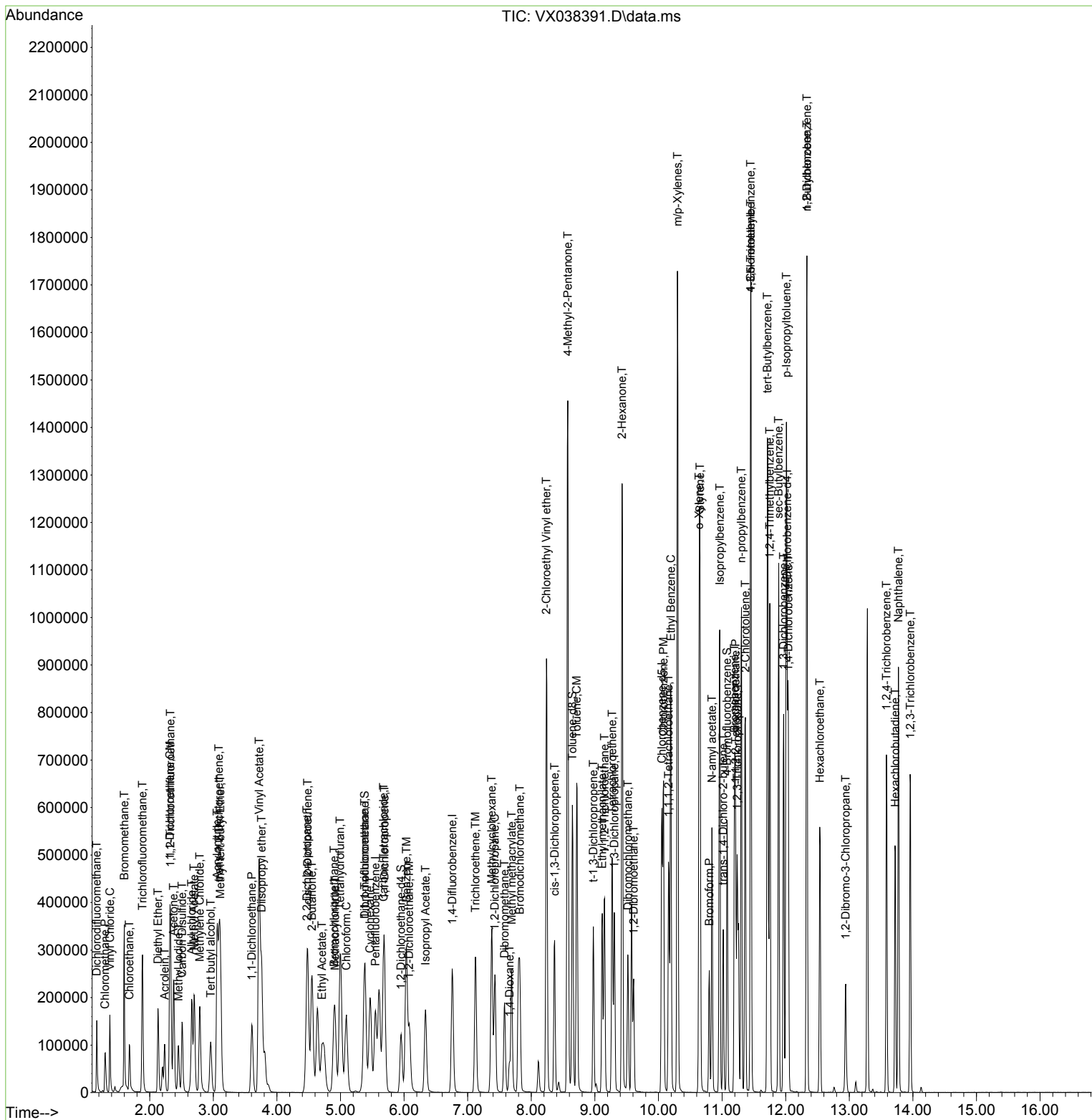
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MSVOA_X
ClientSampleId :
VSTDCCC050

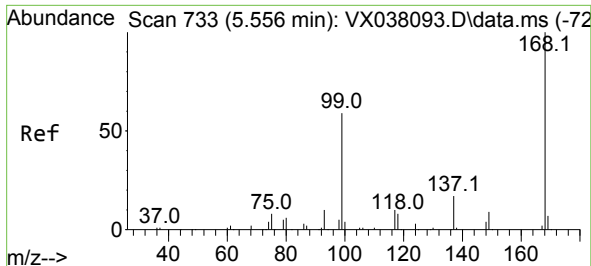
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QLast Update : Thu Oct 05 15:27:13 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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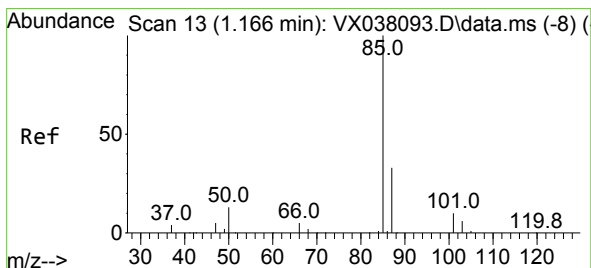
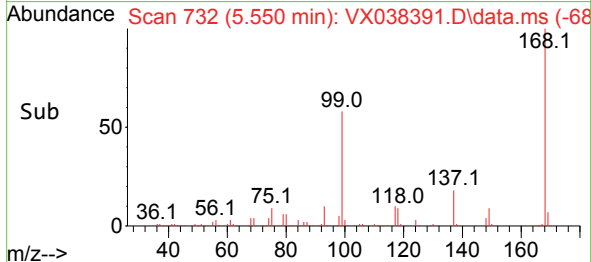
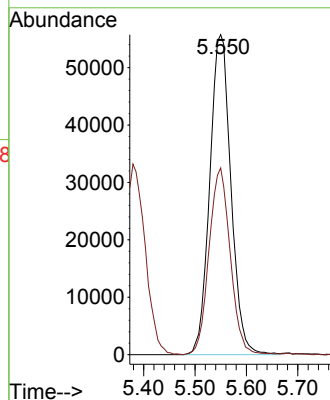
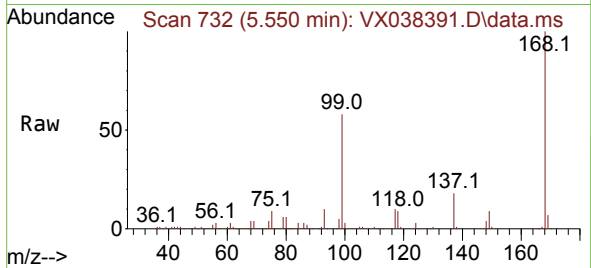




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038391.D
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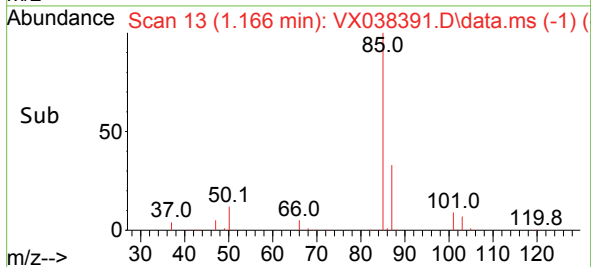
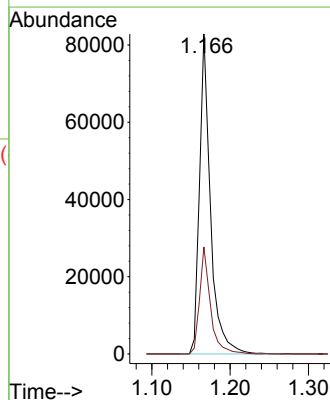
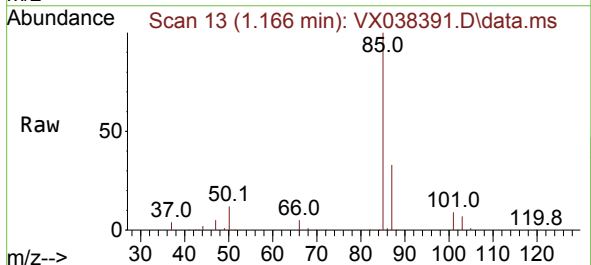
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

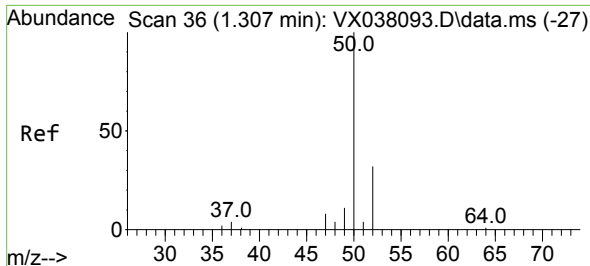
Tgt Ion:168 Resp: 159483
Ion Ratio Lower Upper
168 100
99 58.2 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 52.628 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion: 85 Resp: 81016
Ion Ratio Lower Upper
85 100
87 33.4 16.7 50.1

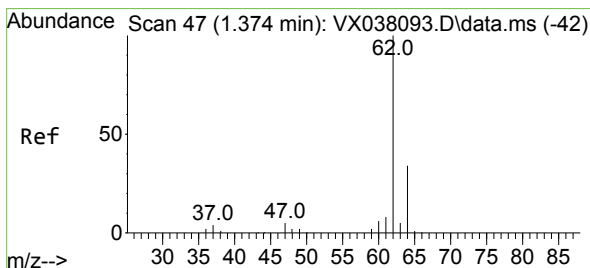
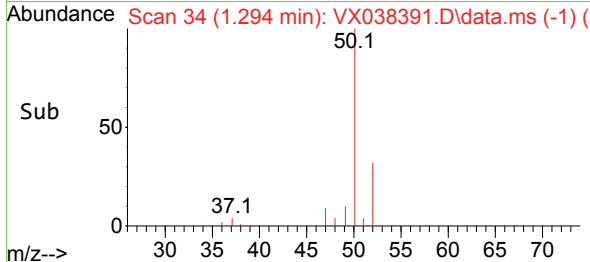
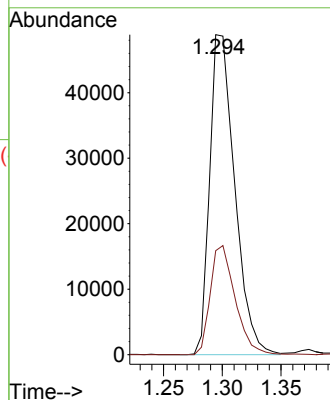
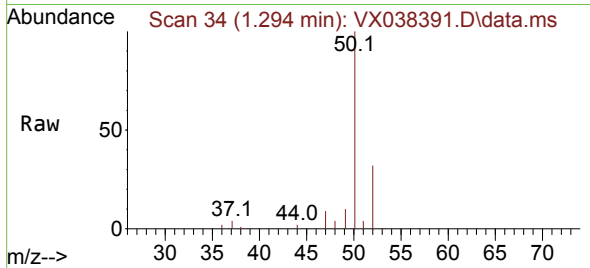




#3
Chloromethane
Concen: 46.171 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

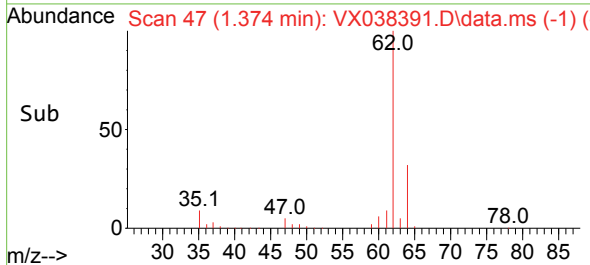
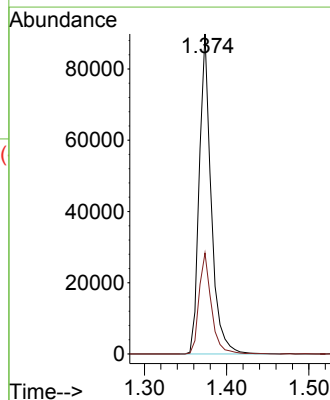
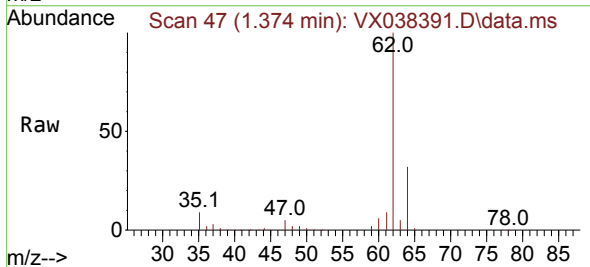
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

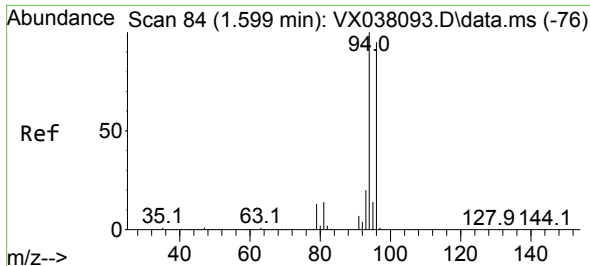
Tgt Ion: 50 Resp: 72443
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3



#4
Vinyl Chloride
Concen: 52.034 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion: 62 Resp: 90519
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0

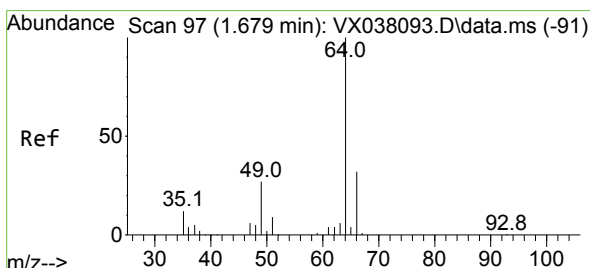
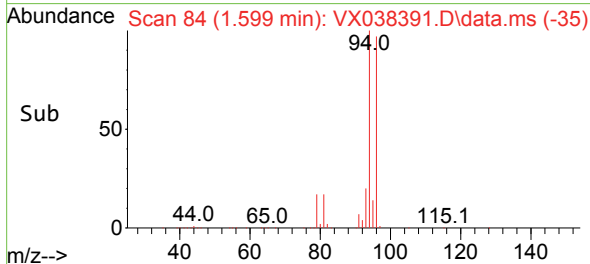
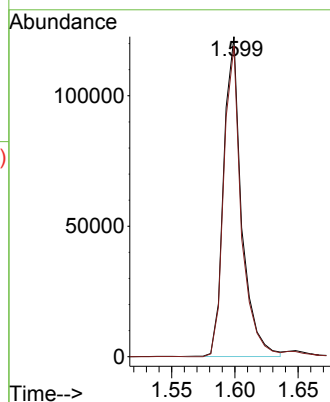
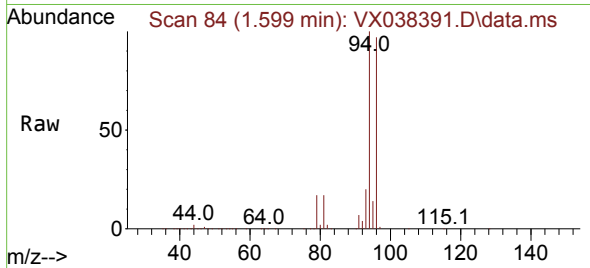




#5
Bromomethane
Concen: 52.857 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

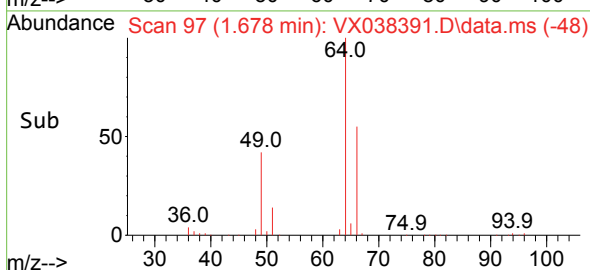
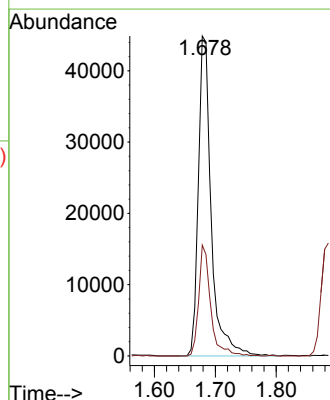
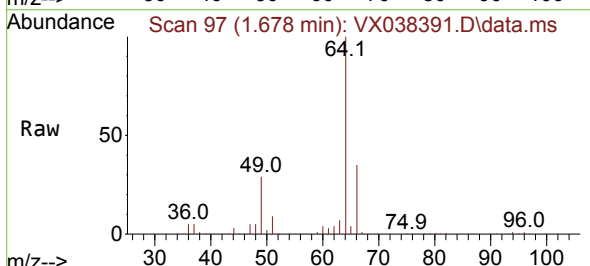
Instrument :
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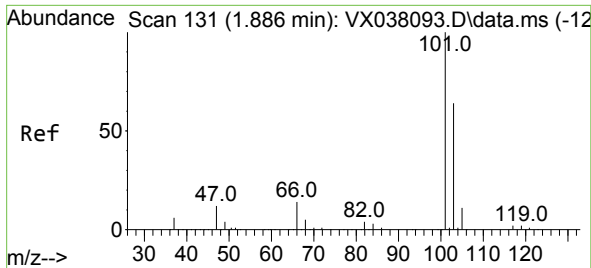
Tgt Ion: 94 Resp: 120653
Ion Ratio Lower Upper
94 100
96 97.1 74.6 111.8



#6
Chloroethane
Concen: 51.681 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion: 64 Resp: 65964
Ion Ratio Lower Upper
64 100
66 34.7 25.1 37.7

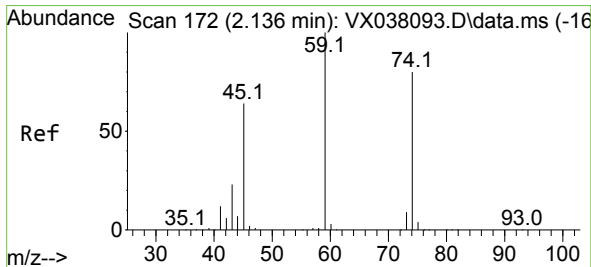
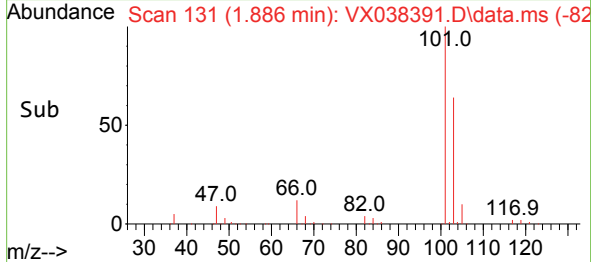
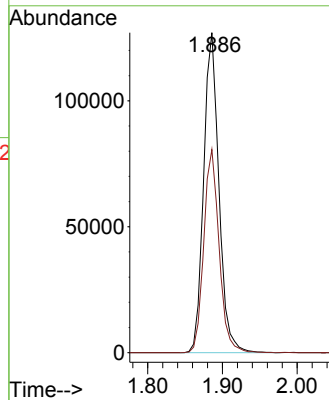
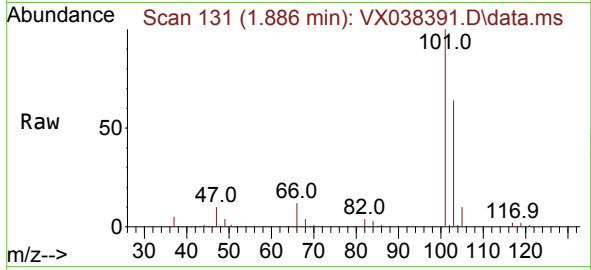




#7
 Trichlorofluoromethane
 Concen: 52.381 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038391.D
 Acq: 20 Oct 2023 09:39

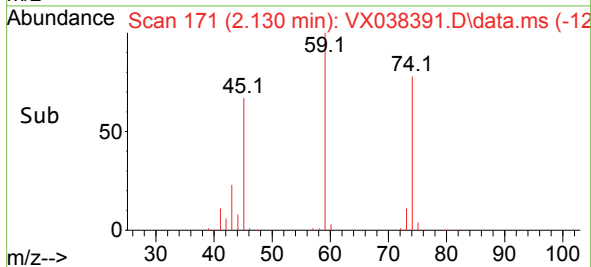
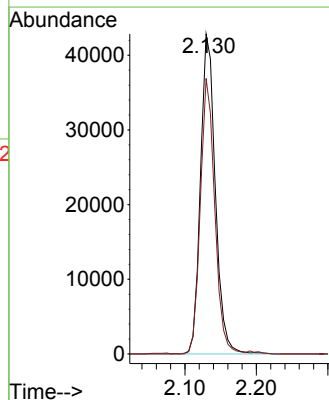
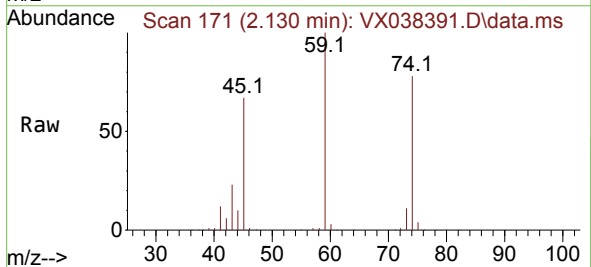
Instrument :
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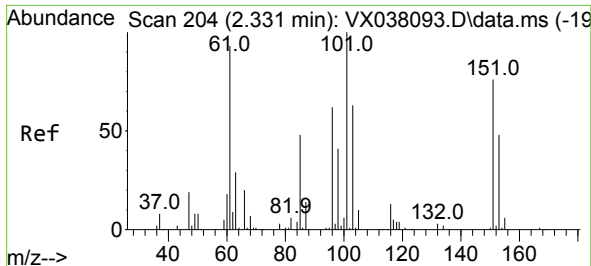
Tgt Ion:101 Resp: 179989
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.2



#8
 Diethyl Ether
 Concen: 48.157 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX038391.D
 Acq: 20 Oct 2023 09:39

Tgt Ion: 74 Resp: 61713
 Ion Ratio Lower Upper
 74 100
 45 83.6 53.3 159.8

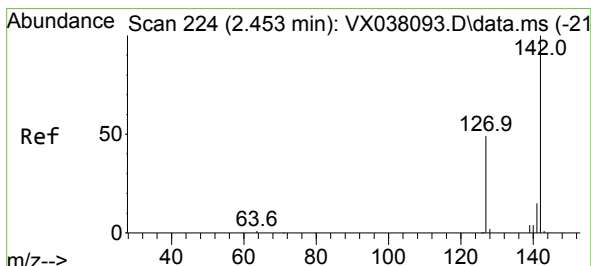
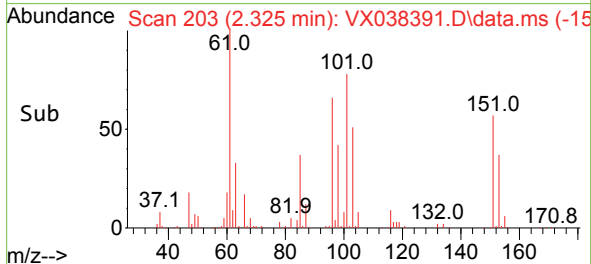
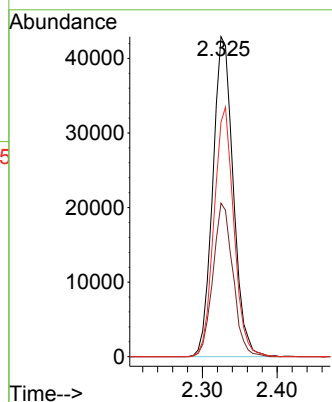
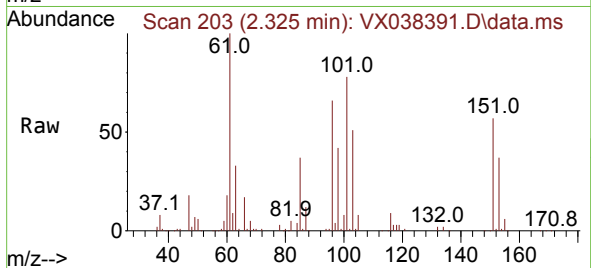




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.624 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

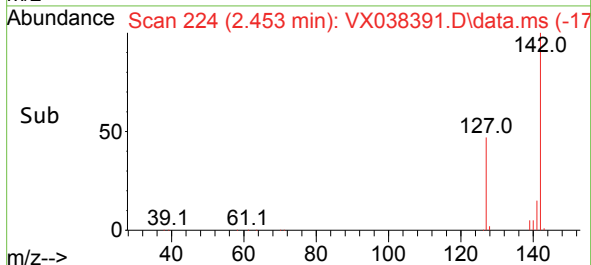
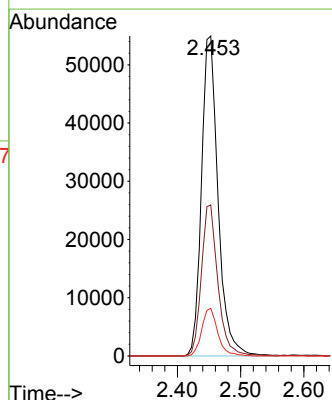
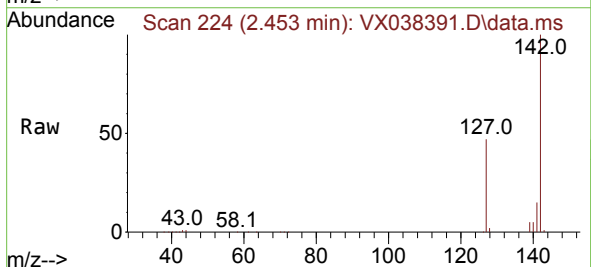
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

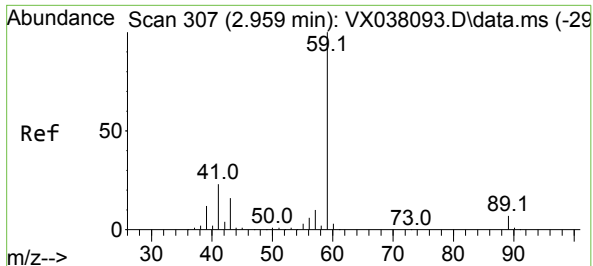
Tgt Ion:101 Resp: 81939
Ion Ratio Lower Upper
101 100
85 46.7 37.0 55.6
151 75.6 58.6 87.8



#10
Methyl Iodide
Concen: 46.465 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion:142 Resp: 100287
Ion Ratio Lower Upper
142 100
127 47.0 41.6 62.4
141 14.4 11.6 17.4

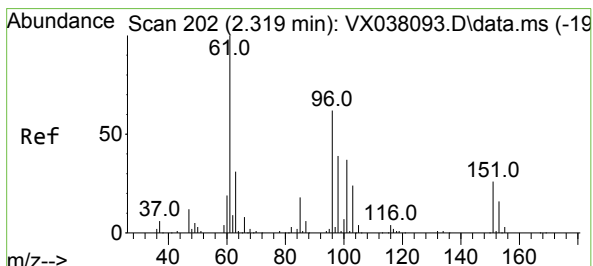
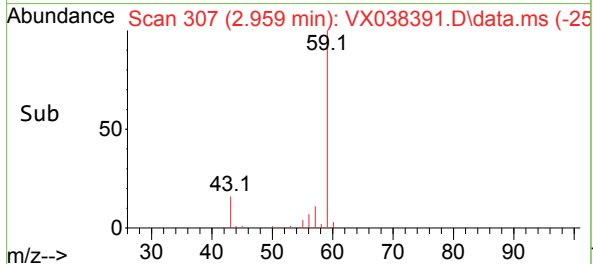
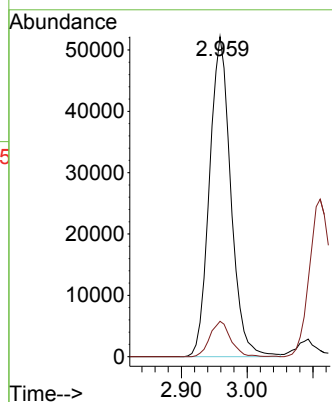
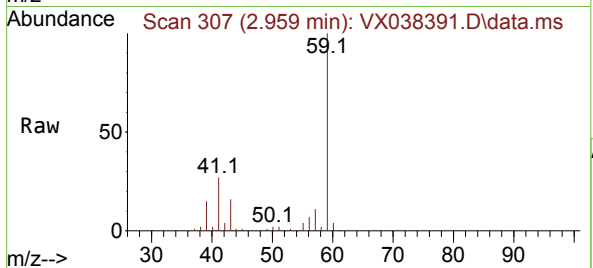




#11
Tert butyl alcohol
Concen: 206.055 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

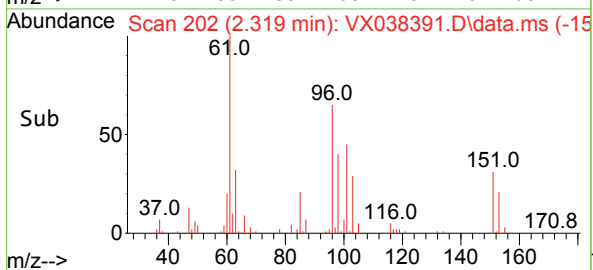
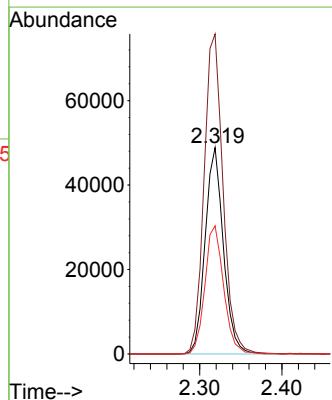
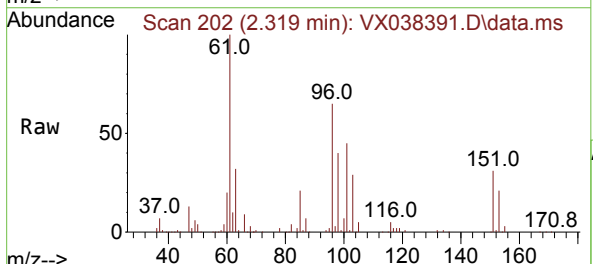
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

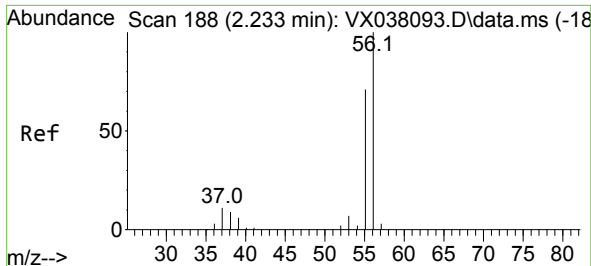
Tgt Ion: 59 Resp: 117783
Ion Ratio Lower Upper
59 100
57 10.8 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 51.730 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion: 96 Resp: 75481
Ion Ratio Lower Upper
96 100
61 155.0 144.6 216.8
98 62.1 50.4 75.6





#13

Acrolein

Concen: 199.231 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

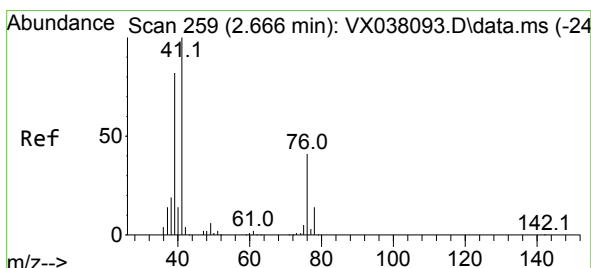
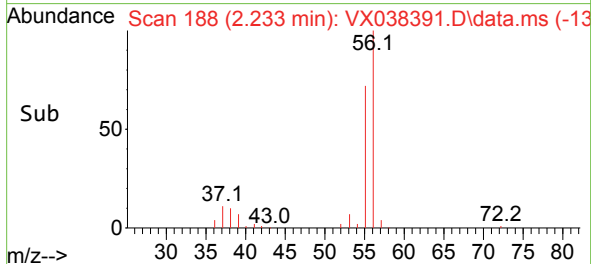
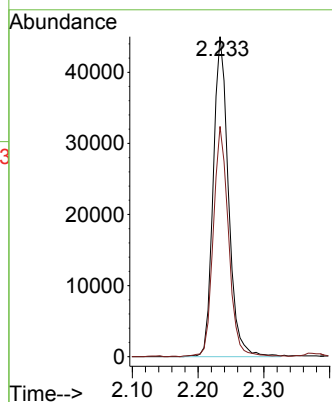
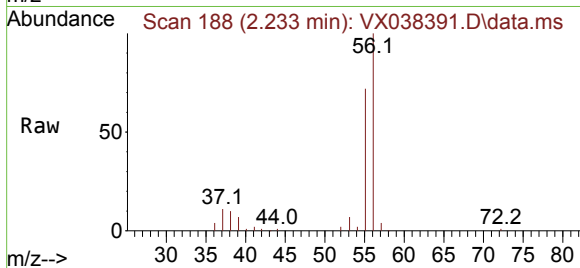
VSTDCCC050

Tgt Ion: 56 Resp: 72653

Ion Ratio Lower Upper

56 100

55 72.2 57.1 85.7



#14

Allyl chloride

Concen: 47.466 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

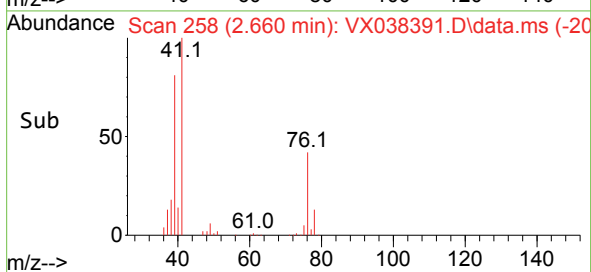
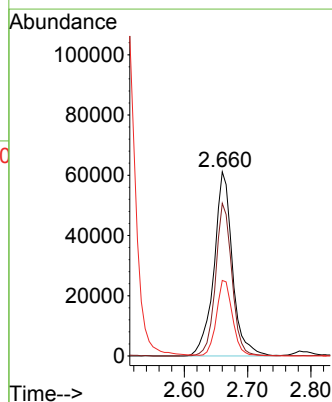
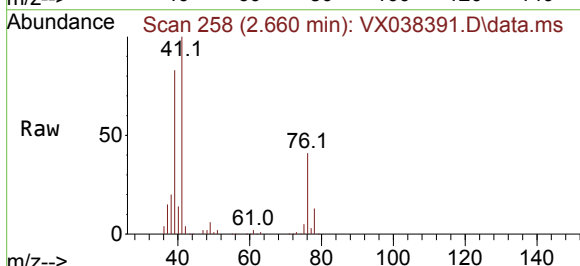
Tgt Ion: 41 Resp: 123883

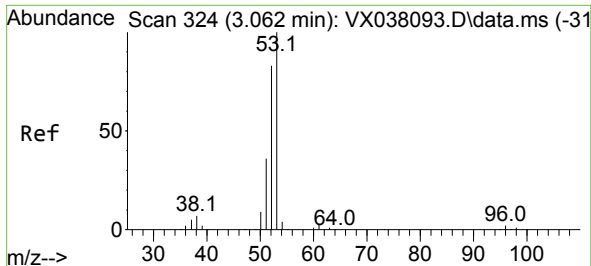
Ion Ratio Lower Upper

41 100

39 73.4 55.8 83.6

76 35.7 24.3 36.5

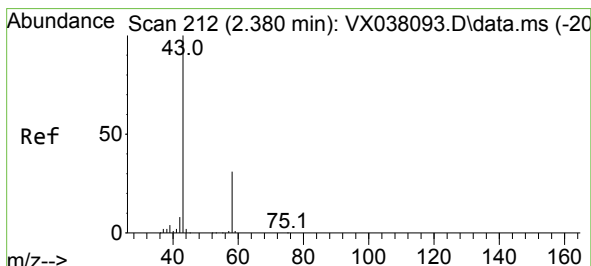
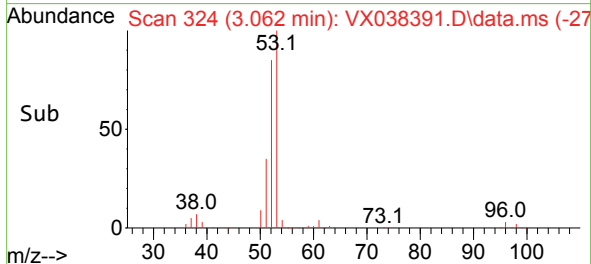
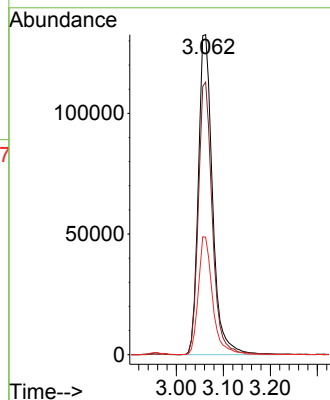
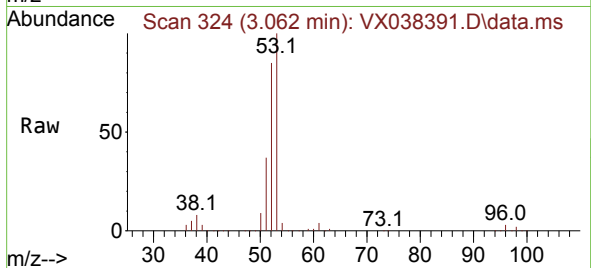




#15
Acrylonitrile
Concen: 239.343 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

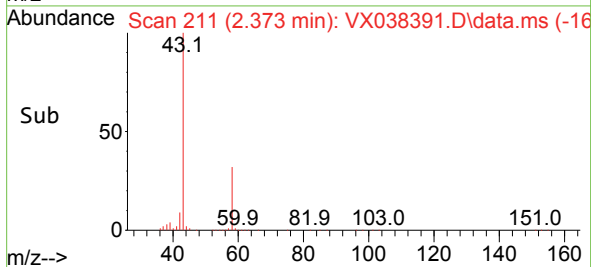
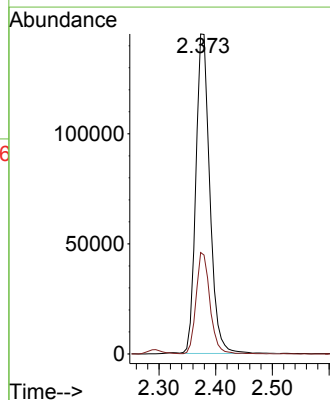
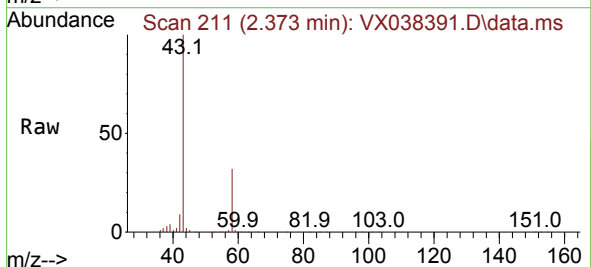
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

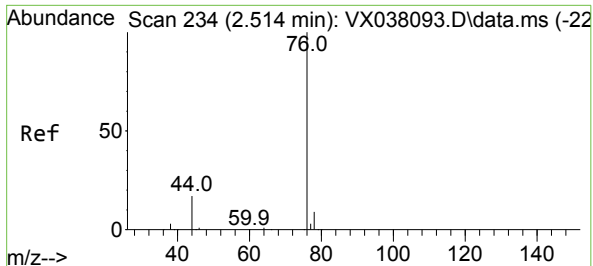
Tgt Ion: 53 Resp: 279400
Ion Ratio Lower Upper
53 100
52 84.2 66.0 99.0
51 37.2 29.8 44.6



#16
Acetone
Concen: 231.592 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion: 43 Resp: 247937
Ion Ratio Lower Upper
43 100
58 31.7 21.9 32.9

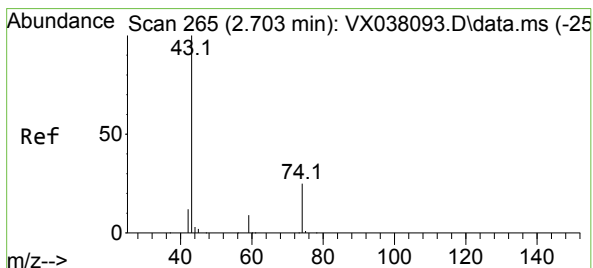
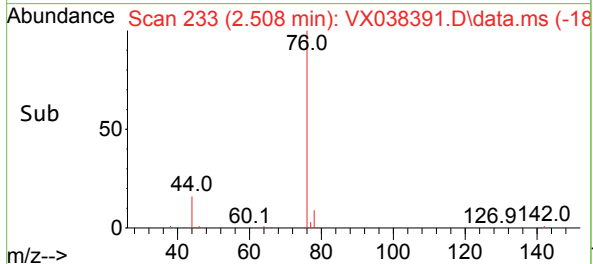
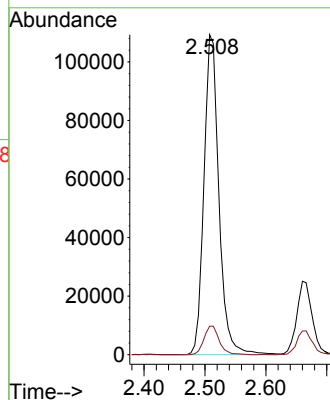
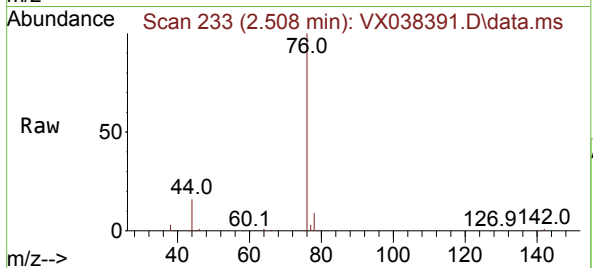




#17
Carbon Disulfide
Concen: 44.312 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

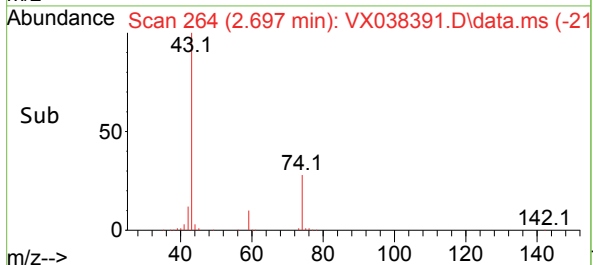
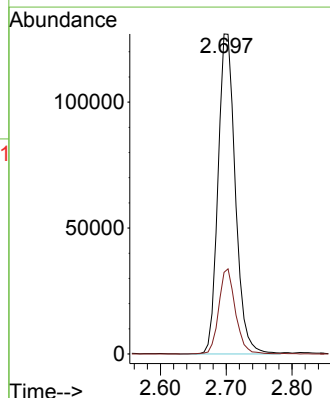
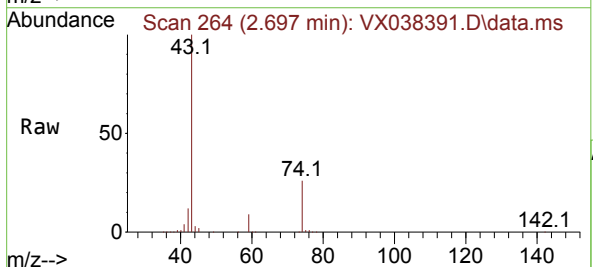
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

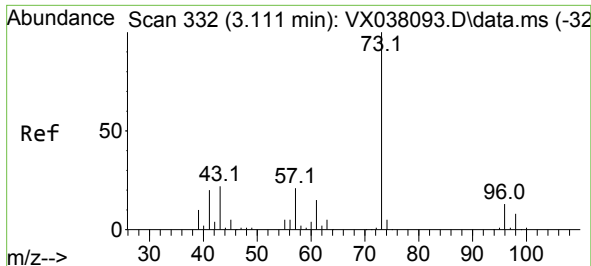
Tgt Ion: 76 Resp: 186352
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 50.666 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion: 43 Resp: 232607
Ion Ratio Lower Upper
43 100
74 25.6 17.8 26.8

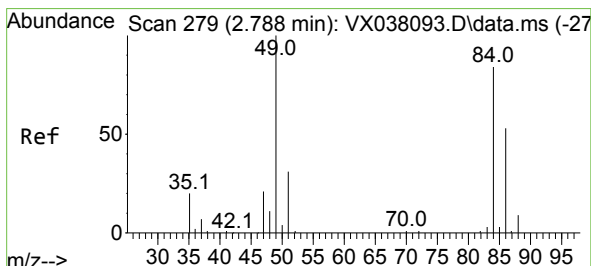
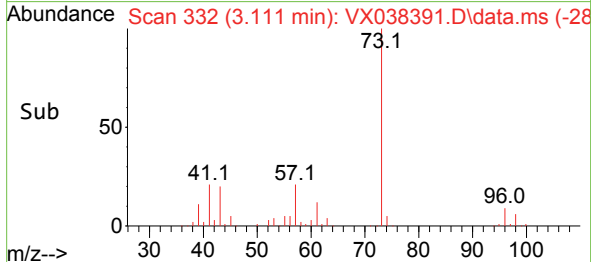
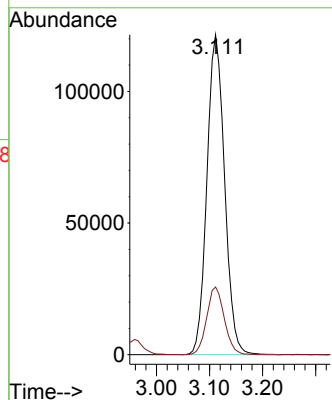
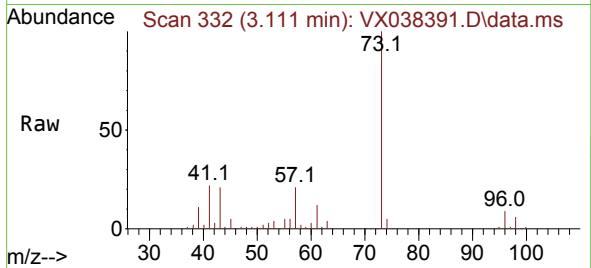




#19
Methyl tert-butyl Ether
Concen: 48.379 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

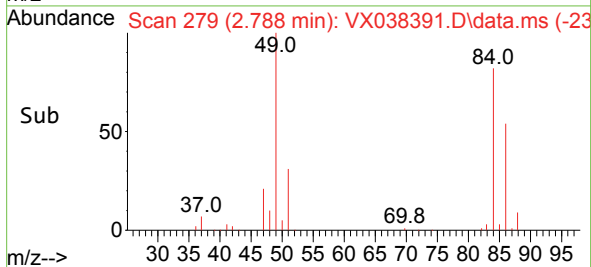
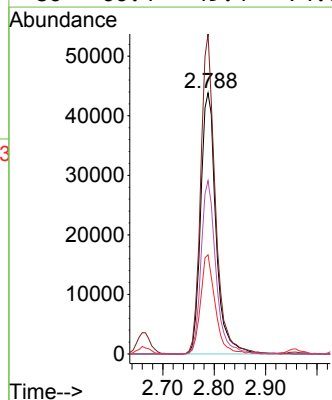
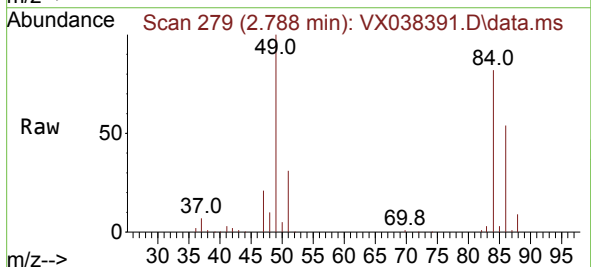
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

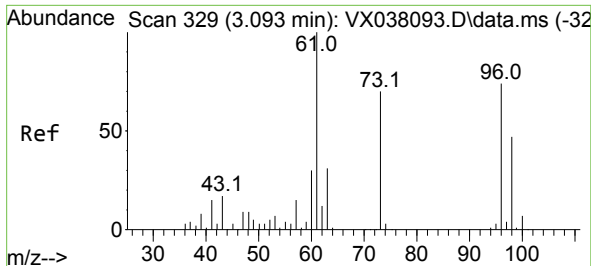
Tgt Ion: 73 Resp: 281146
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 44.948 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion: 84 Resp: 90513
Ion Ratio Lower Upper
84 100
49 122.6 103.6 155.4
51 38.0 33.8 50.6
86 66.4 49.4 74.0

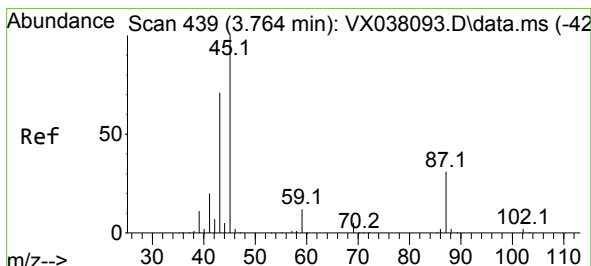
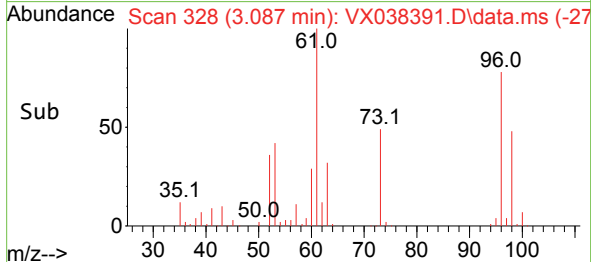
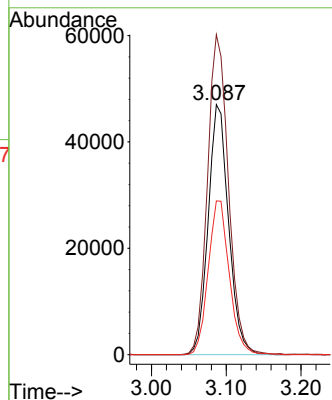
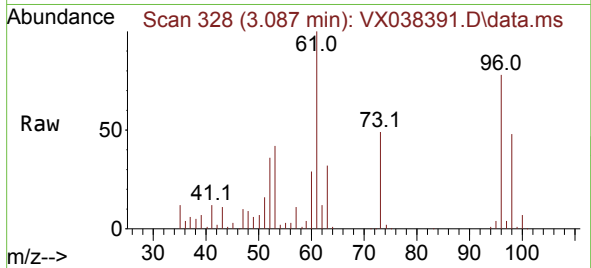




#21
trans-1,2-Dichloroethene
Concen: 49.485 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

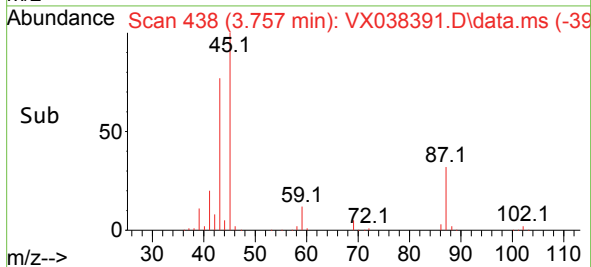
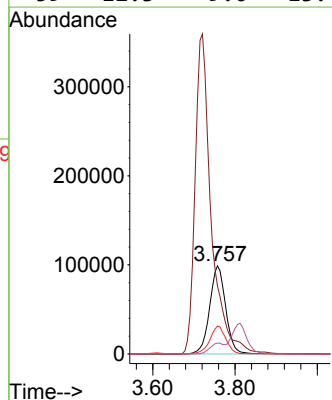
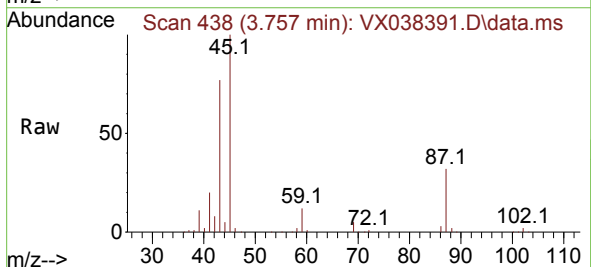
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

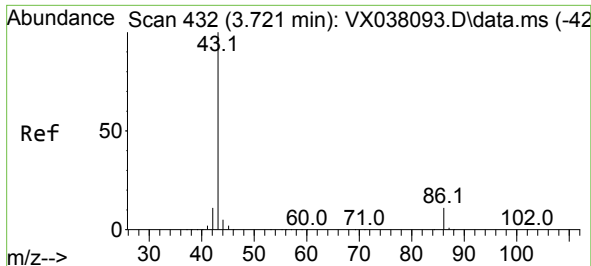
Tgt Ion: 96 Resp: 89402
Ion Ratio Lower Upper
96 100
61 128.0 119.2 178.8
98 61.5 48.7 73.1



#22
Diisopropyl ether
Concen: 48.915 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion: 45 Resp: 267561
Ion Ratio Lower Upper
45 100
43 76.9 69.7 104.5
87 31.6 20.8 31.2#
59 12.3 9.0 13.4

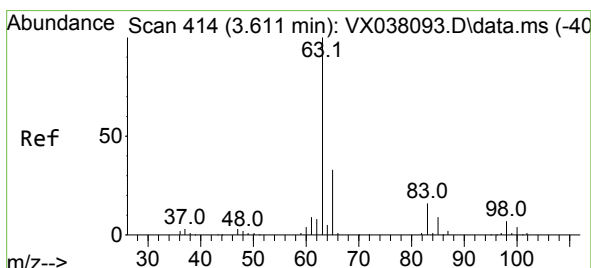
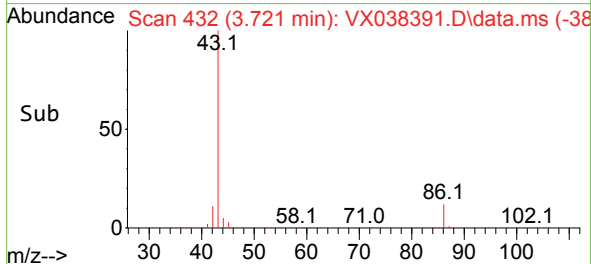
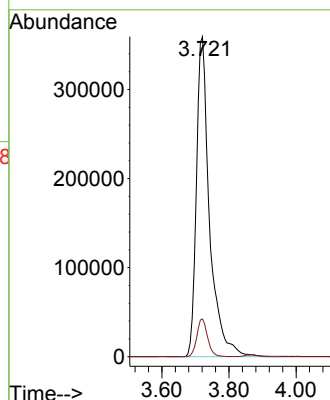
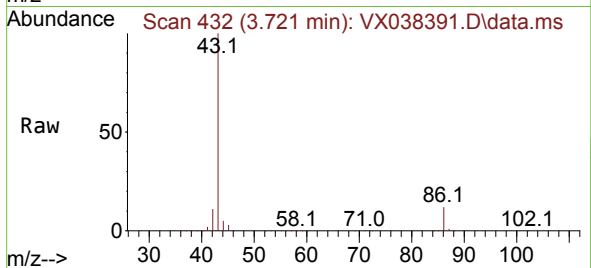




#23
 Vinyl Acetate
 Concen: 244.568 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX038391.D
 Acq: 20 Oct 2023 09:39

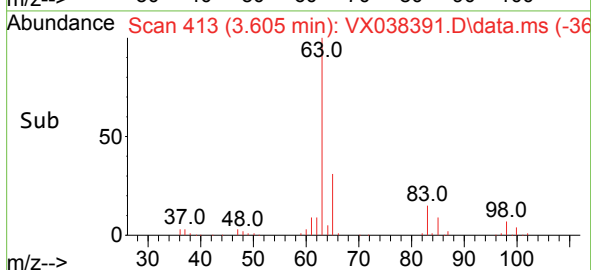
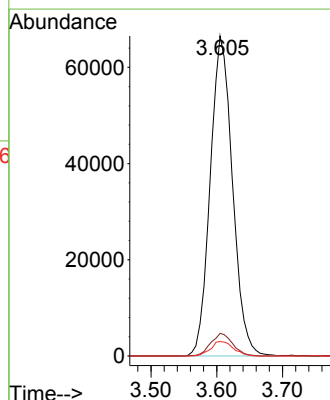
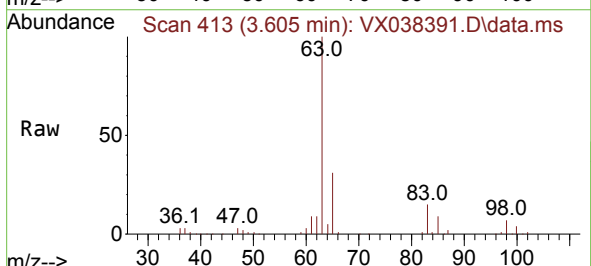
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

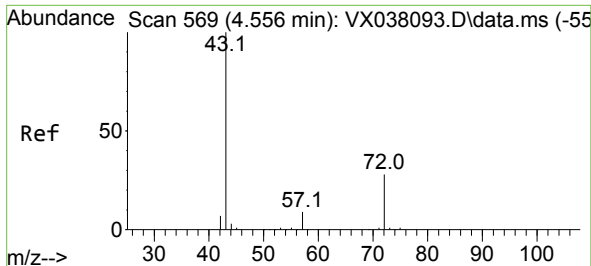
Tgt Ion: 43 Resp: 981053
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 47.205 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038391.D
 Acq: 20 Oct 2023 09:39

Tgt Ion: 63 Resp: 156703
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.8
 100 4.5 2.1 6.5

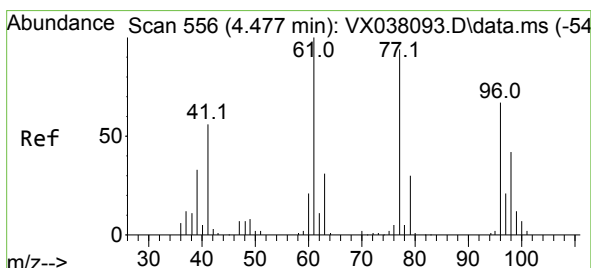
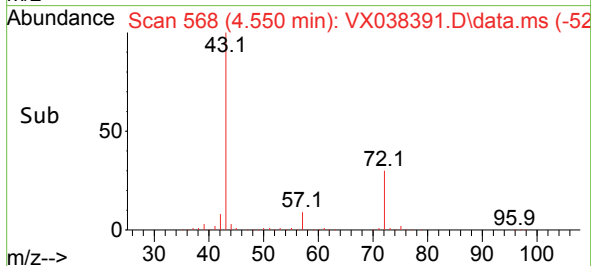
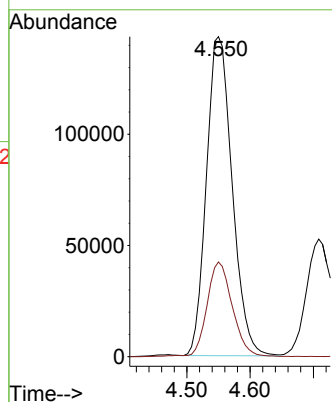
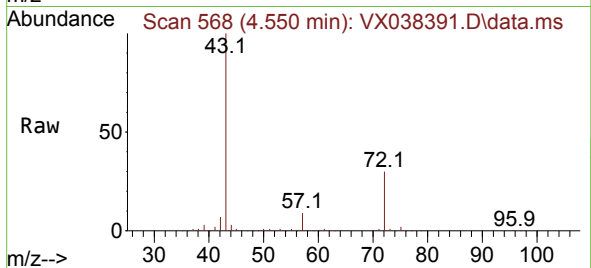




#25
2-Butanone
Concen: 235.368 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

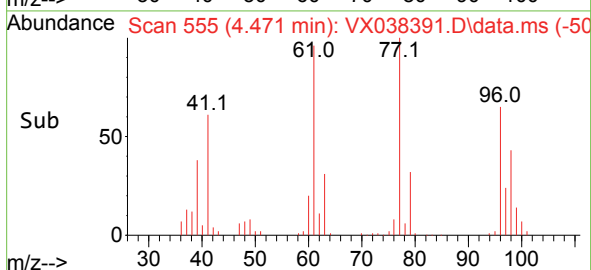
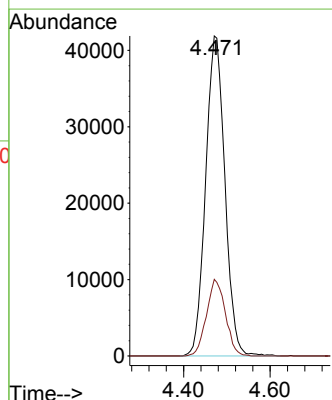
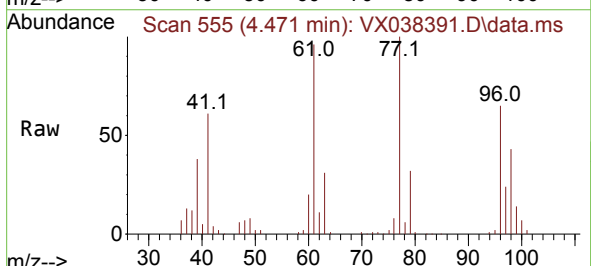
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

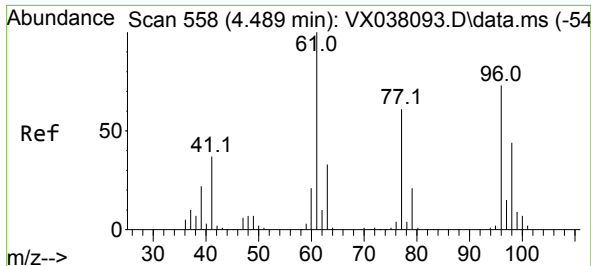
Tgt Ion: 43 Resp: 406563
Ion Ratio Lower Upper
43 100
72 29.6 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 49.837 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion: 77 Resp: 129166
Ion Ratio Lower Upper
77 100
97 23.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 48.942 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

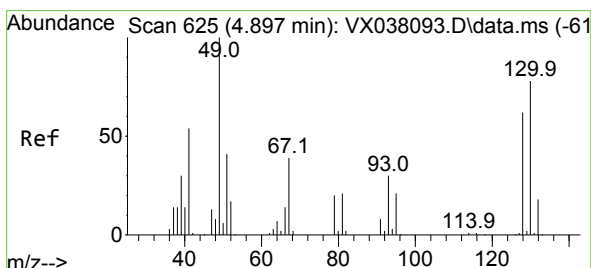
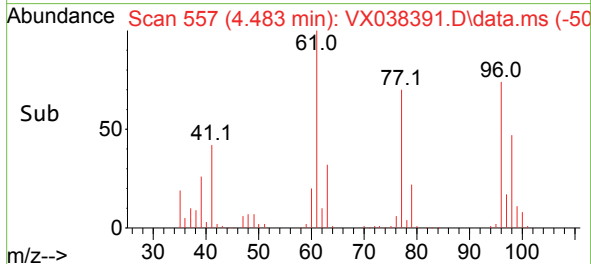
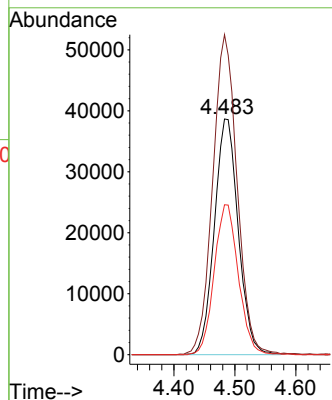
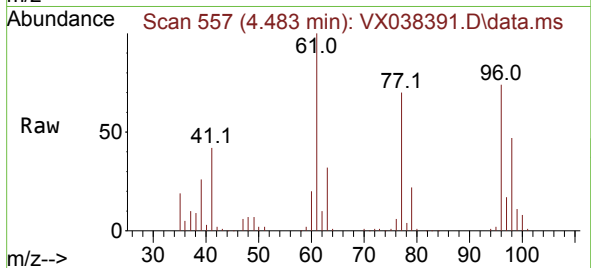
Tgt Ion: 96 Resp: 105306

Ion Ratio Lower Upper

96 100

61 139.1 0.0 312.2

98 64.3 0.0 129.0



#28

Bromochloromethane

Concen: 41.280 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

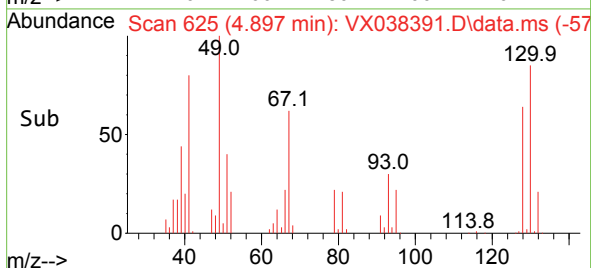
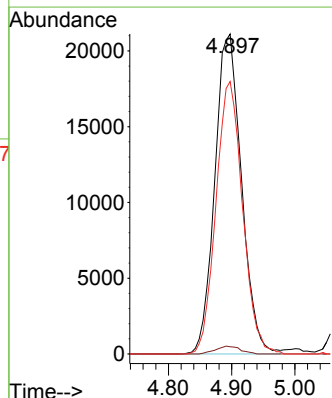
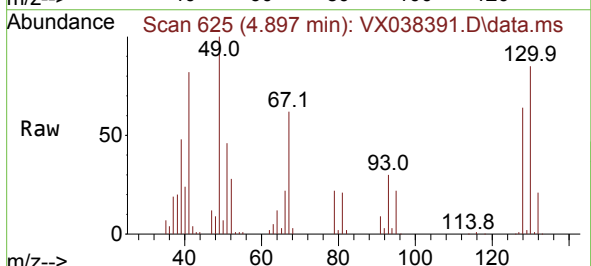
Tgt Ion: 49 Resp: 61861

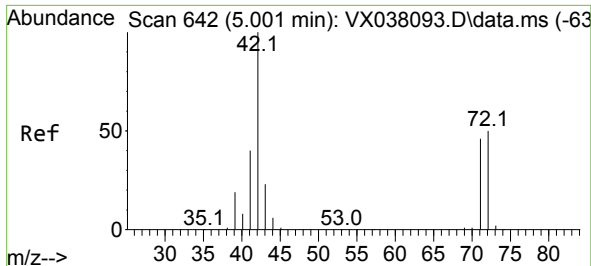
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 84.8 57.5 86.3

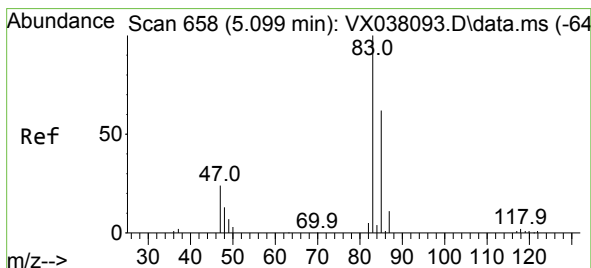
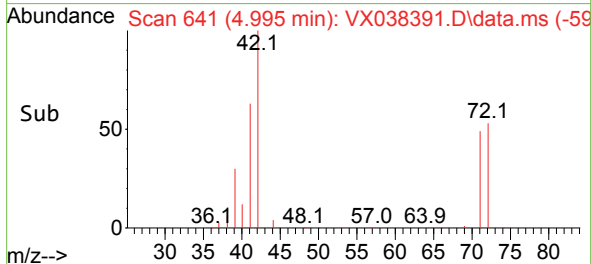
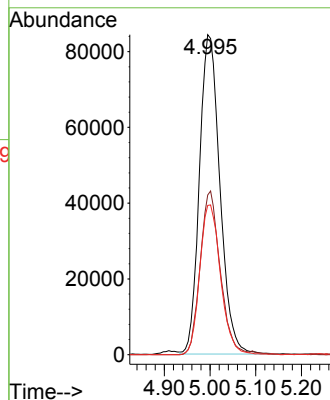
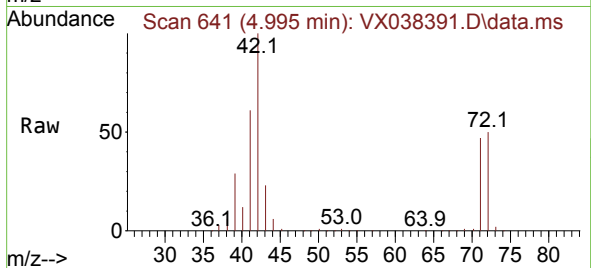




#29
Tetrahydrofuran
Concen: 233.653 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.006 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

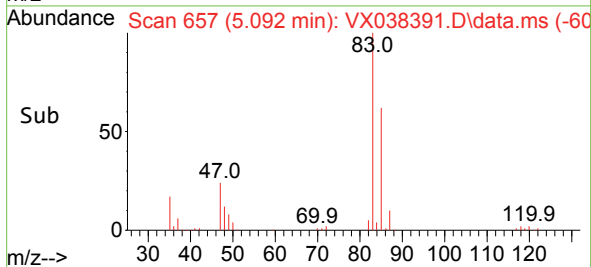
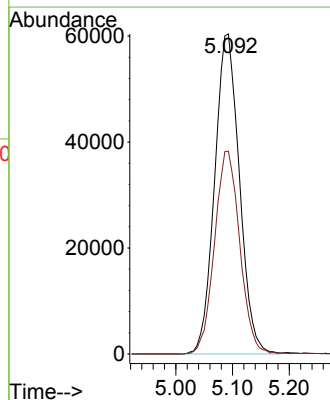
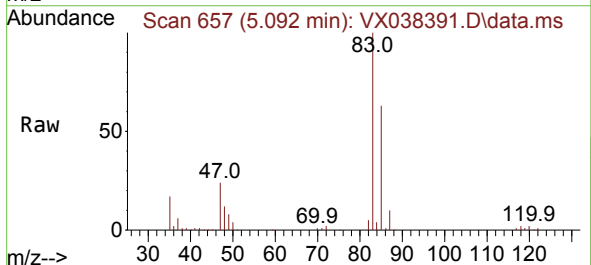
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

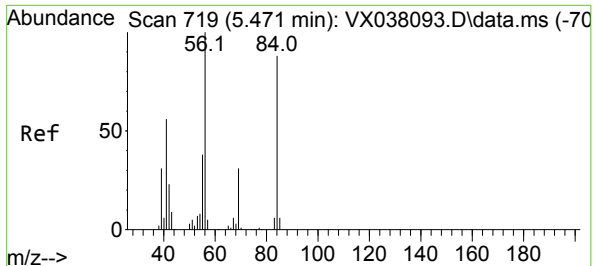
Tgt Ion: 42 Resp: 262769
Ion Ratio Lower Upper
42 100
72 49.9 34.2 51.4
71 47.5 32.2 48.2



#30
Chloroform
Concen: 50.519 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.001 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

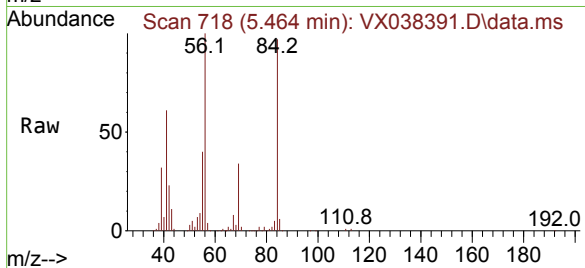
Tgt Ion: 83 Resp: 183389
Ion Ratio Lower Upper
83 100
85 63.4 50.3 75.5



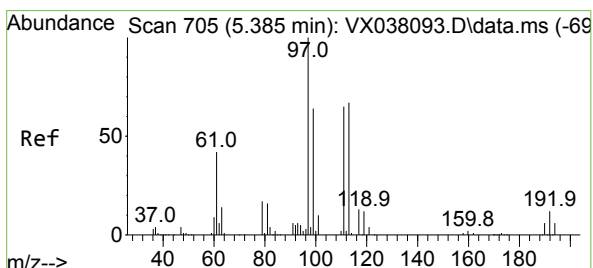
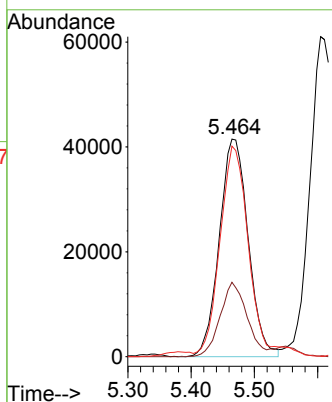
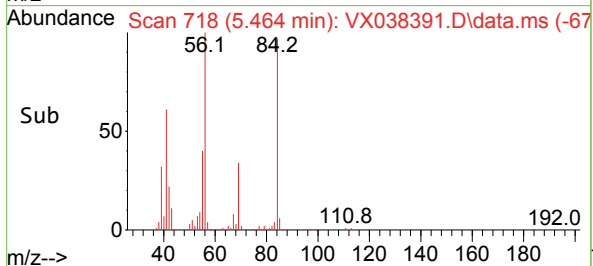


#31
Cyclohexane
Concen: 47.334 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.007 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

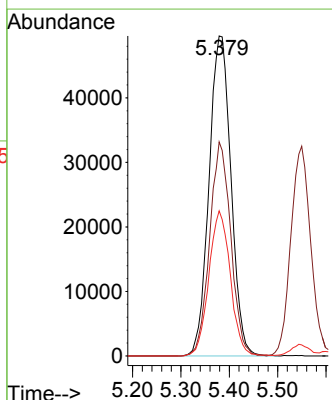
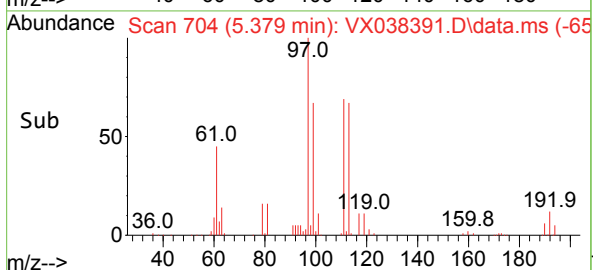
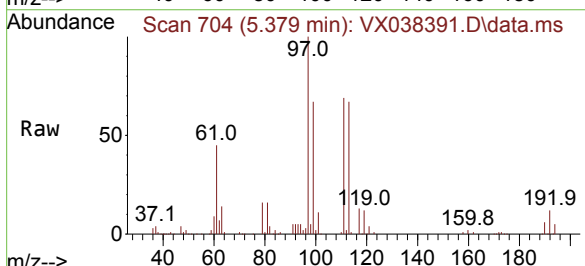


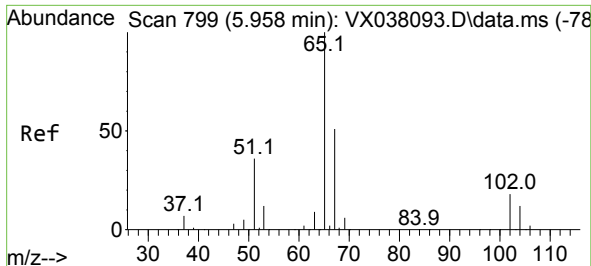
Tgt Ion: 56 Resp: 131551
Ion Ratio Lower Upper
56 100
69 34.2 23.4 35.2
84 94.5 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 50.260 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion: 97 Resp: 156271
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 44.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.230 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

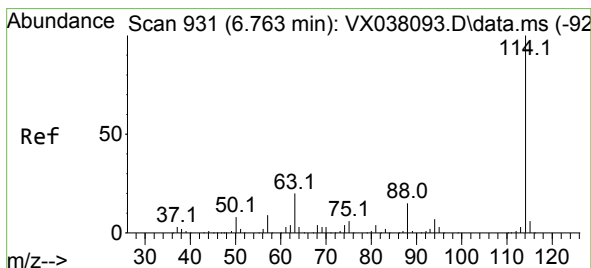
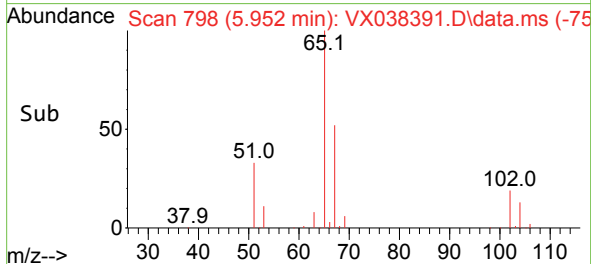
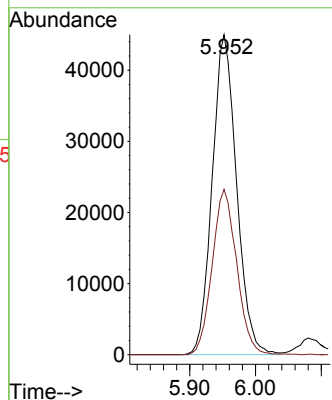
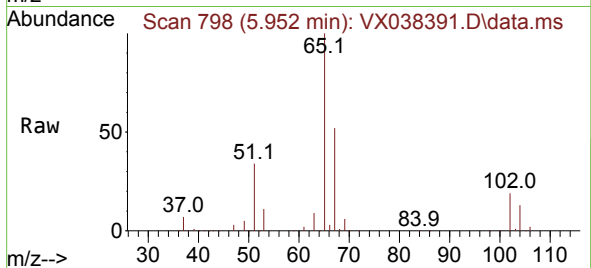
VSTDCCC050

Tgt Ion: 65 Resp: 116023

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

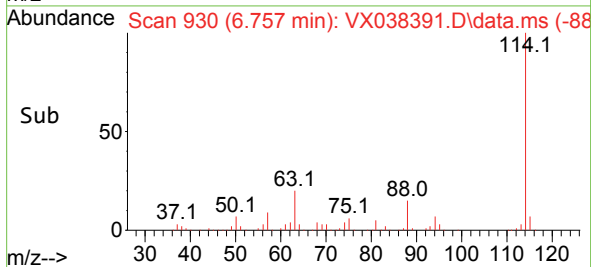
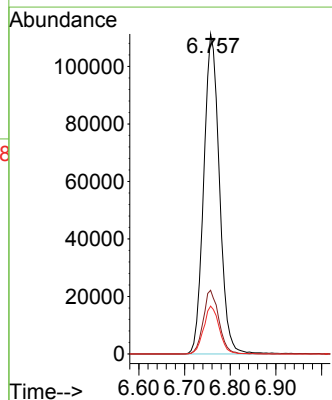
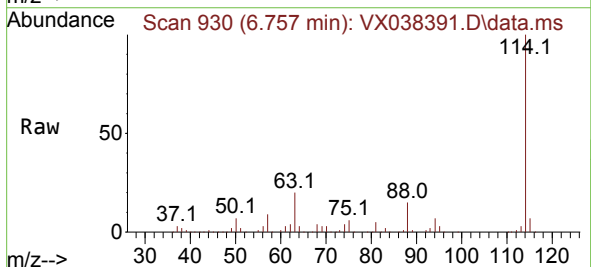
Tgt Ion:114 Resp: 265419

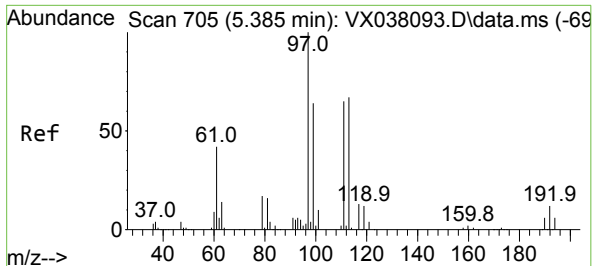
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 15.0 0.0 36.6

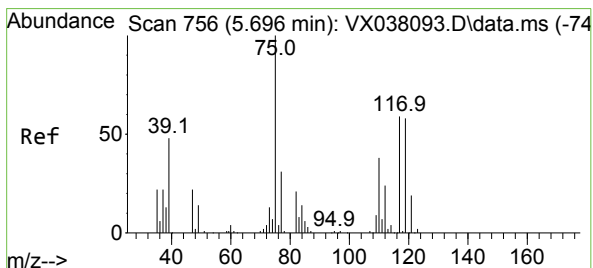
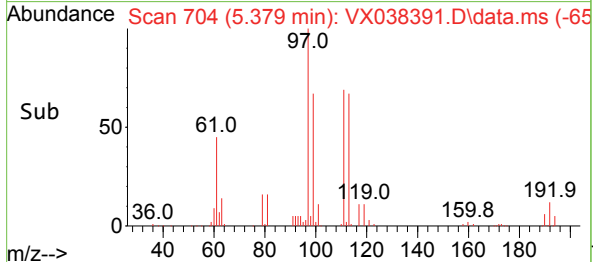
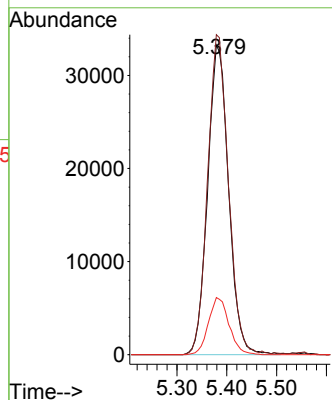
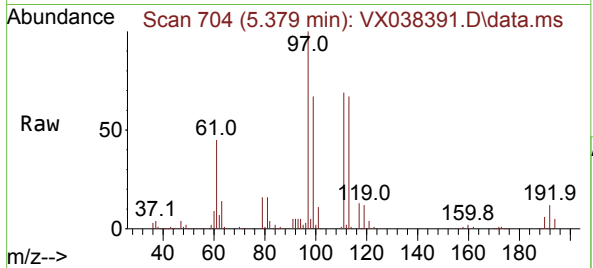




#35
Dibromofluoromethane
Concen: 50.807 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

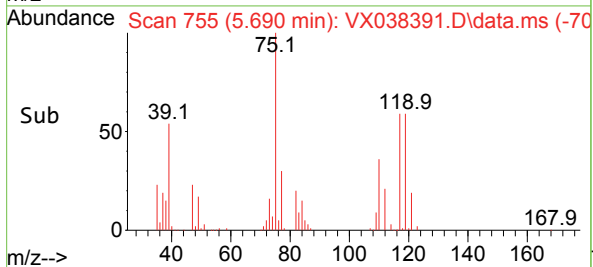
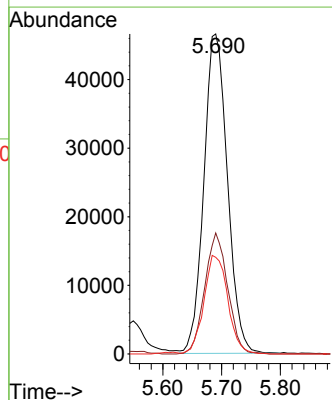
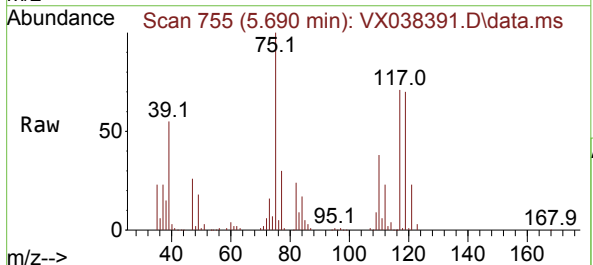
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

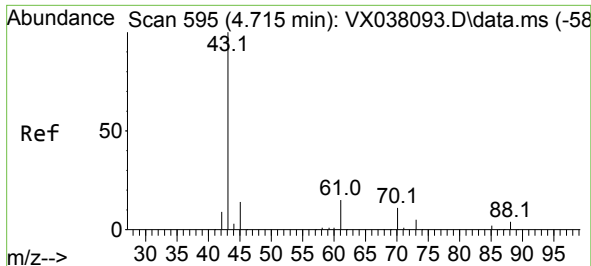
Tgt Ion:113 Resp: 97169
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 49.330 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion: 75 Resp: 130100
Ion Ratio Lower Upper
75 100
110 36.8 17.0 50.9
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 48.753 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.007 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

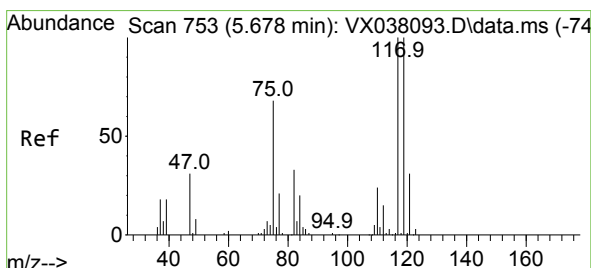
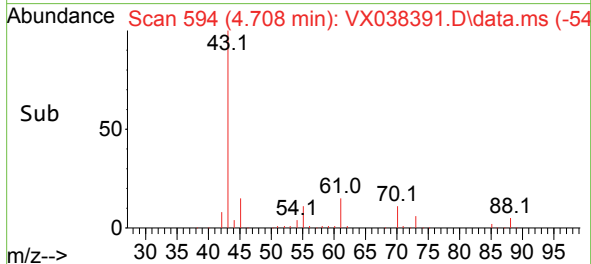
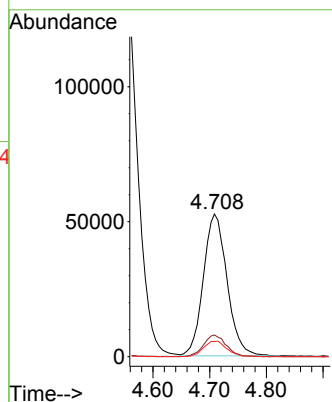
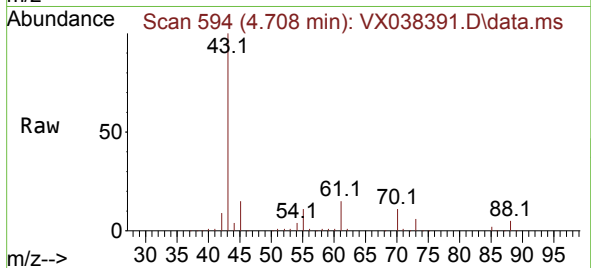
Tgt Ion: 43 Resp: 152704

Ion Ratio Lower Upper

43 100

61 14.8 10.6 16.0

70 10.8 8.3 12.5



#38

Carbon Tetrachloride

Concen: 53.211 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

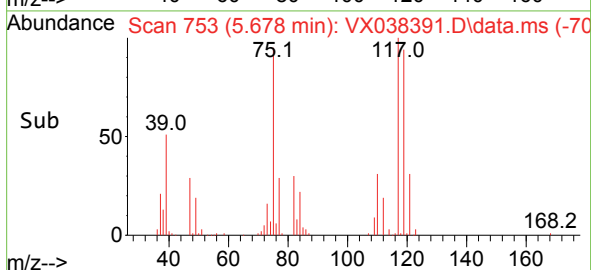
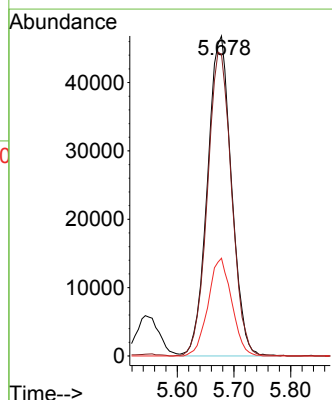
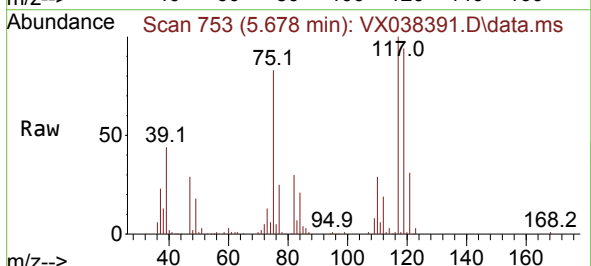
Tgt Ion: 117 Resp: 138054

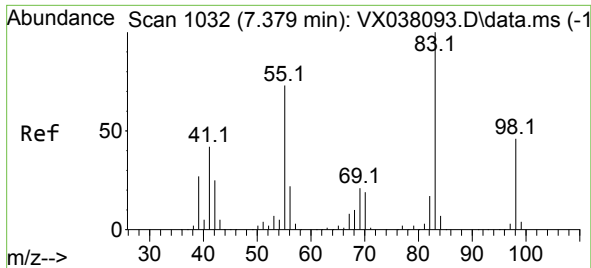
Ion Ratio Lower Upper

117 100

119 94.1 78.2 117.2

121 30.6 24.4 36.6





#39

Methylcyclohexane

Concen: 51.430 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

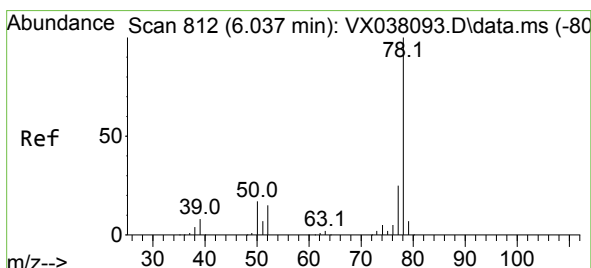
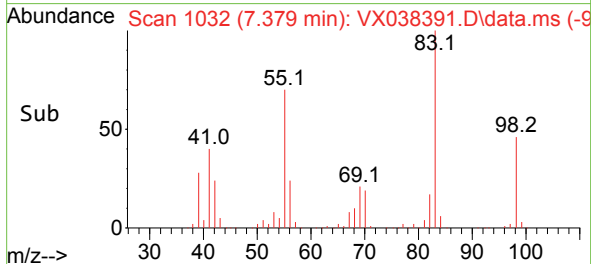
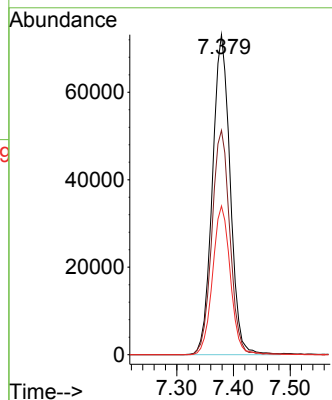
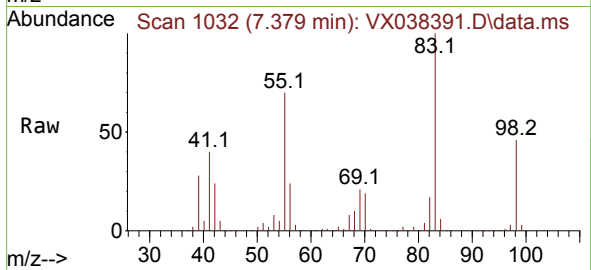
Tgt Ion: 83 Resp: 158874

Ion Ratio Lower Upper

83 100

55 70.1 64.6 97.0

98 46.4 36.7 55.1



#40

Benzene

Concen: 50.797 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.001 min

Lab File: VX038391.D

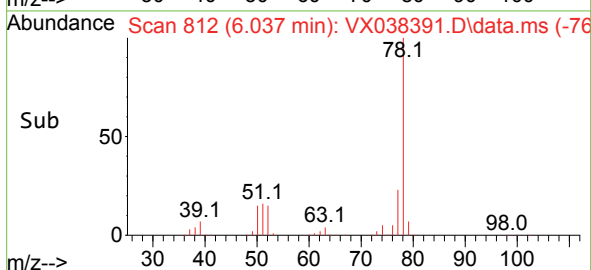
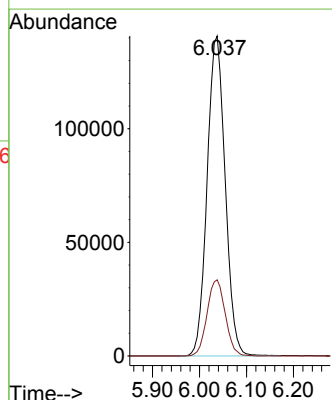
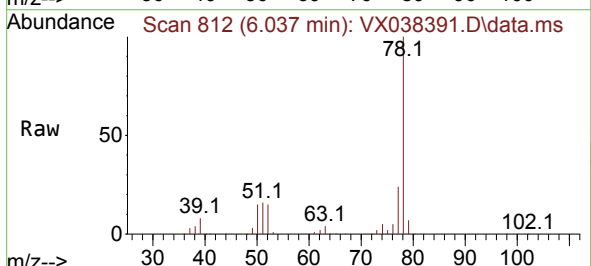
Acq: 20 Oct 2023 09:39

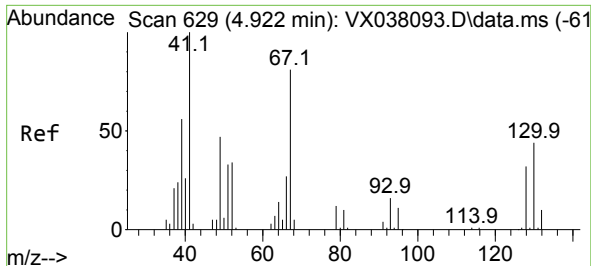
Tgt Ion: 78 Resp: 374700

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9

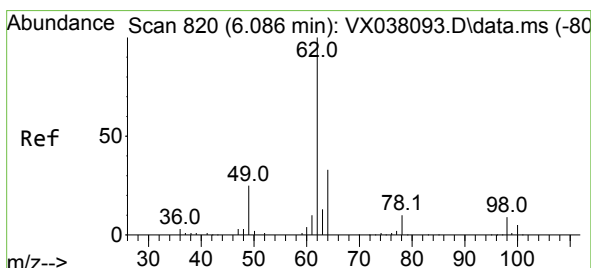
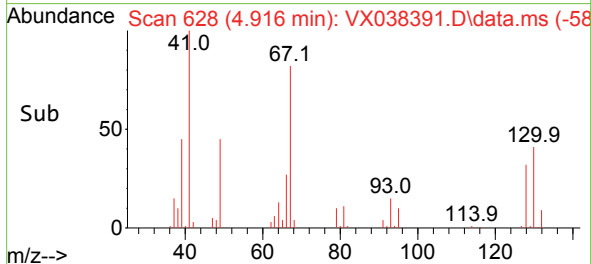
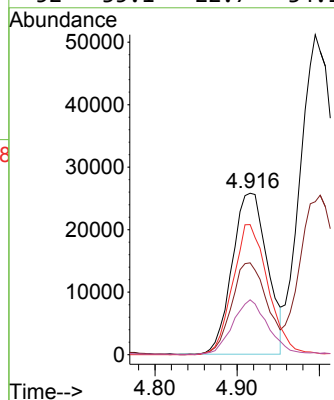
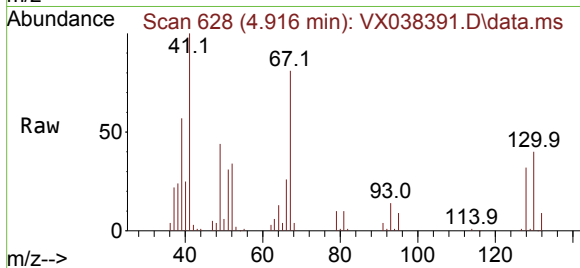




#41
Methacrylonitrile
Concen: 49.365 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

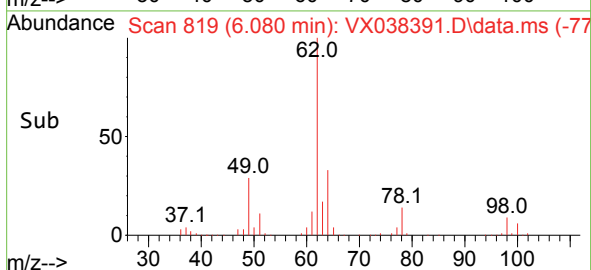
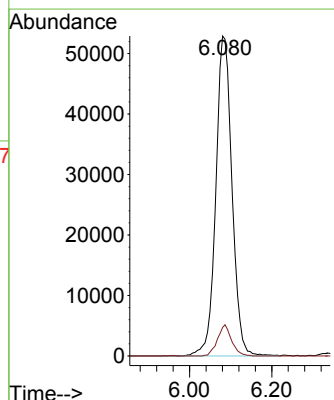
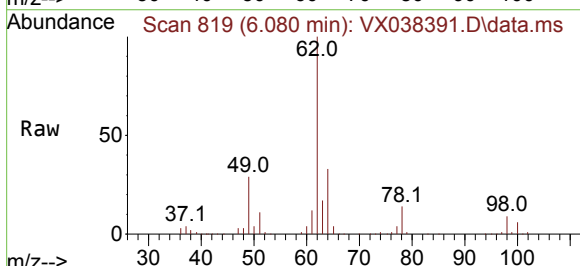
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

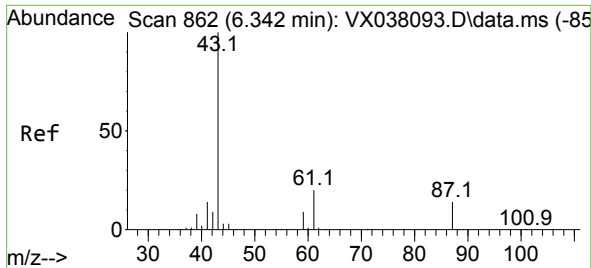
Tgt Ion:	41	Resp:	76918
Ion	Ratio	Lower	Upper
41	100		
39	57.2	45.2	67.8
67	81.3	52.6	78.8#
52	35.1	22.7	34.1#



#42
1,2-Dichloroethane
Concen: 48.995 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion:	62	Resp:	144396
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.0

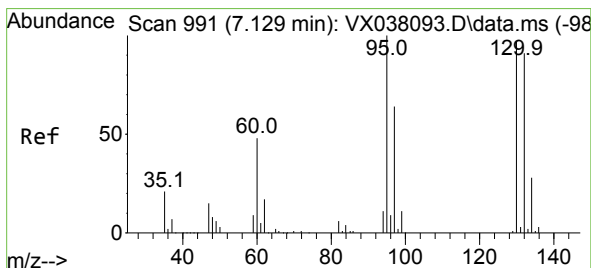
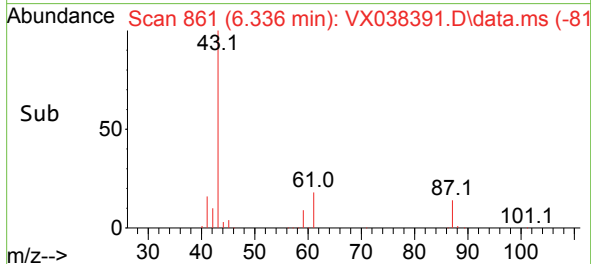
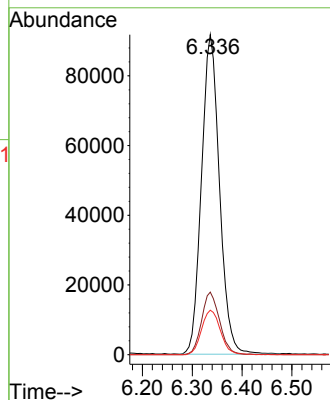
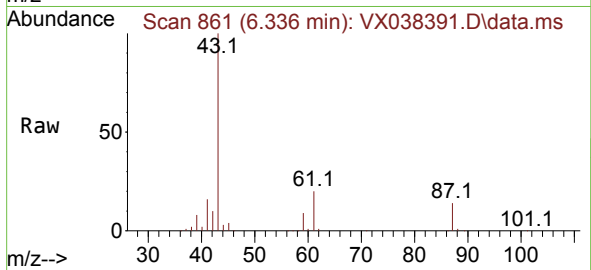




#43
Isopropyl Acetate
Concen: 49.211 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

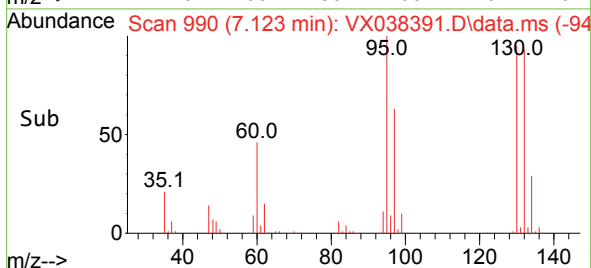
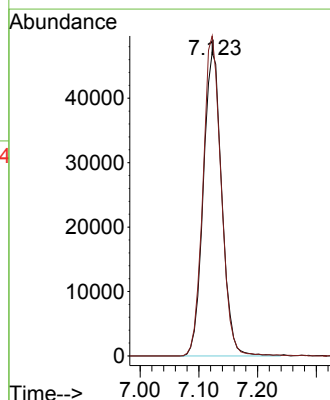
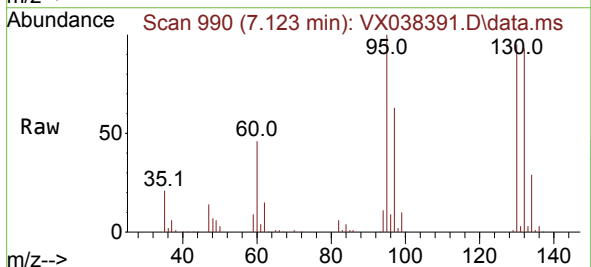
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

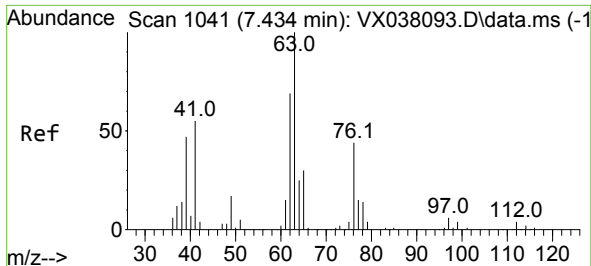
Tgt Ion: 43 Resp: 230104
Ion Ratio Lower Upper
43 100
61 19.5 15.2 22.8
87 14.6 9.8 14.6



#44
Trichloroethene
Concen: 53.670 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion:130 Resp: 103547
Ion Ratio Lower Upper
130 100
95 105.4 0.0 204.4

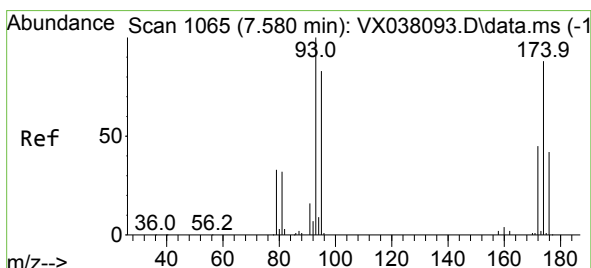
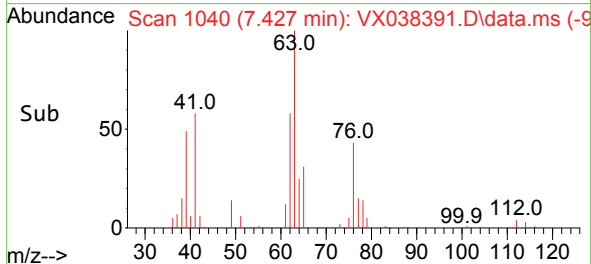
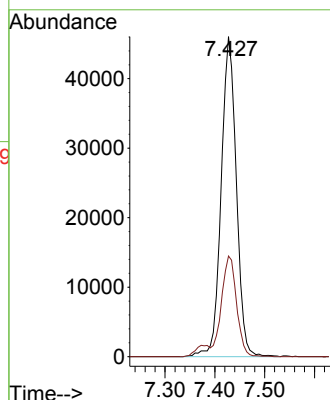
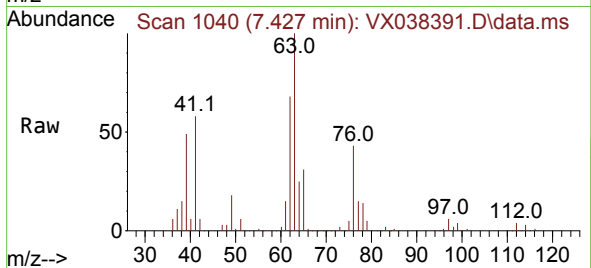




#45
1,2-Dichloropropane
Concen: 50.936 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.007 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

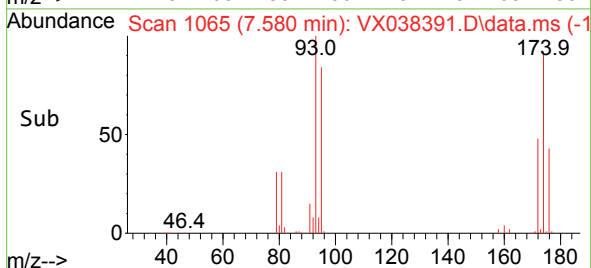
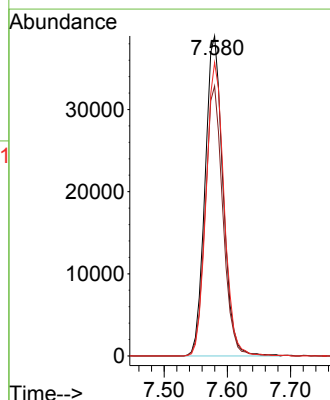
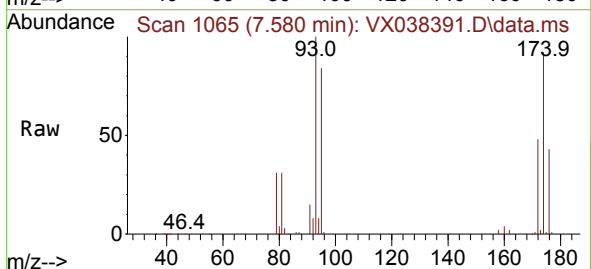
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

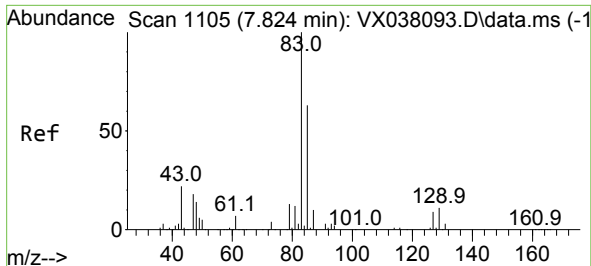
Tgt Ion: 63 Resp: 97245
Ion Ratio Lower Upper
63 100
65 31.5 24.3 36.5



#46
Dibromomethane
Concen: 51.903 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion: 93 Resp: 76854
Ion Ratio Lower Upper
93 100
95 83.1 66.6 100.0
174 91.7 69.4 104.0

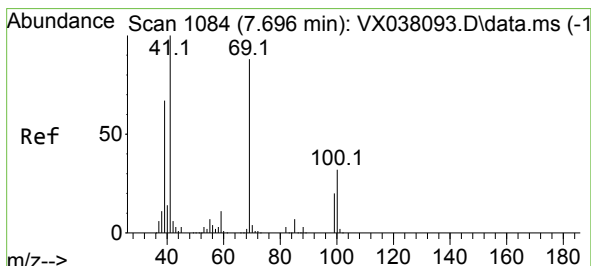
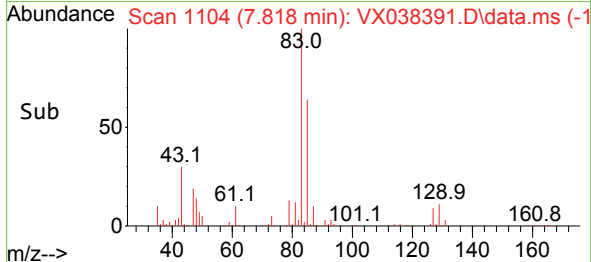
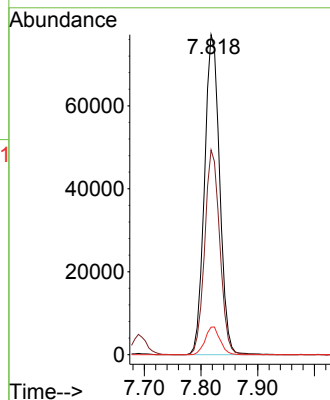
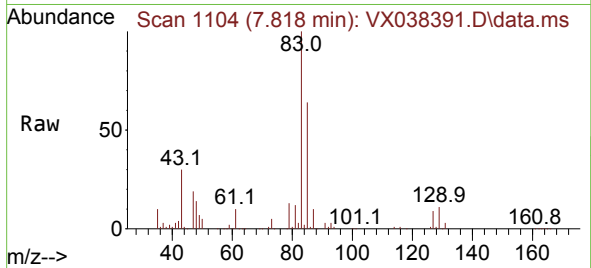




#47
 Bromodichloromethane
 Concen: 54.390 ug/l
 RT: 7.818 min Scan# 1104
 Delta R.T. -0.006 min
 Lab File: VX038391.D
 Acq: 20 Oct 2023 09:39

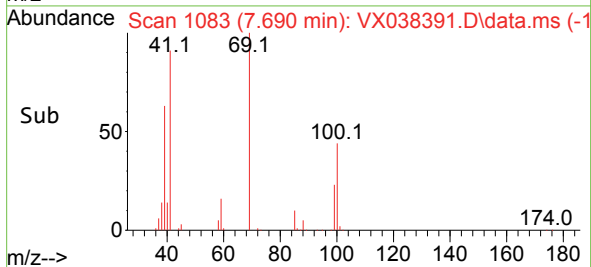
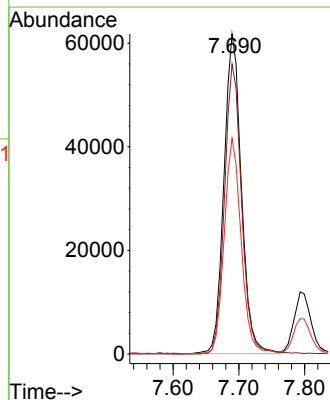
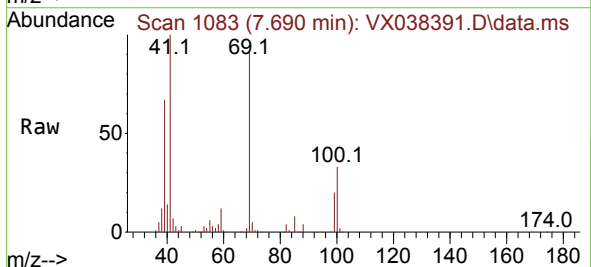
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

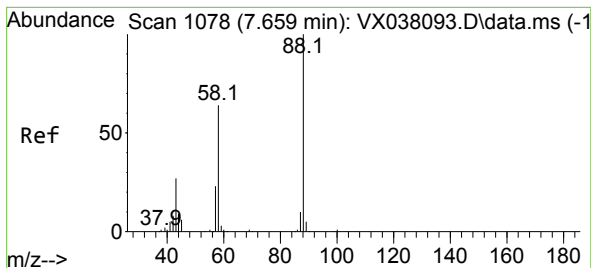
Tgt Ion: 83 Resp: 143270
 Ion Ratio Lower Upper
 83 100
 85 64.0 49.8 74.6
 127 8.6 7.1 10.7



#48
 Methyl methacrylate
 Concen: 51.019 ug/l
 RT: 7.690 min Scan# 1083
 Delta R.T. -0.000 min
 Lab File: VX038391.D
 Acq: 20 Oct 2023 09:39

Tgt Ion: 41 Resp: 113883
 Ion Ratio Lower Upper
 41 100
 69 89.2 59.2 88.8#
 39 65.8 47.7 71.5





#49

1,4-Dioxane

Concen: 869.970 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

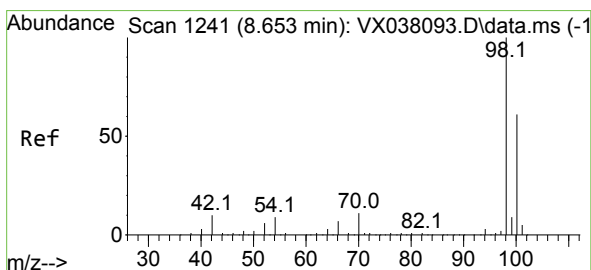
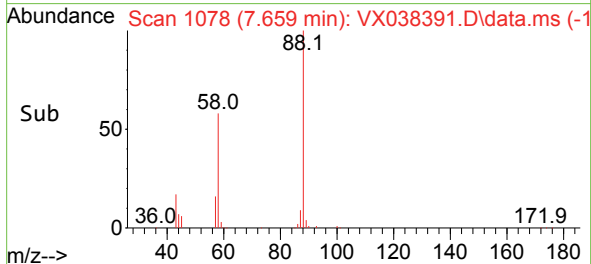
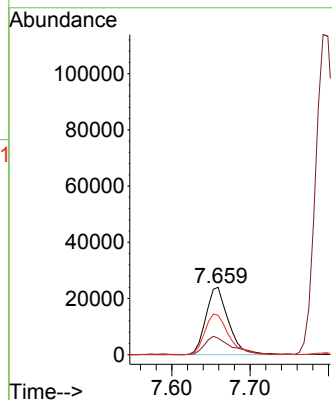
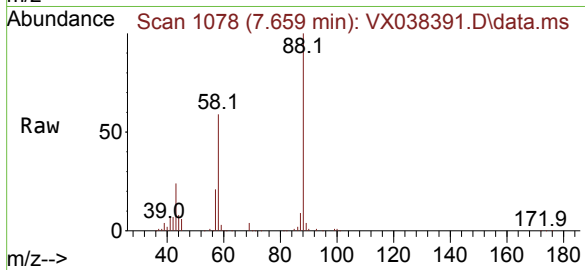
Tgt Ion: 88 Resp: 47853

Ion Ratio Lower Upper

88 100

43 31.6 0.0 0.0#

58 64.4 60.1 90.1



#50

Toluene-d8

Concen: 48.781 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038391.D

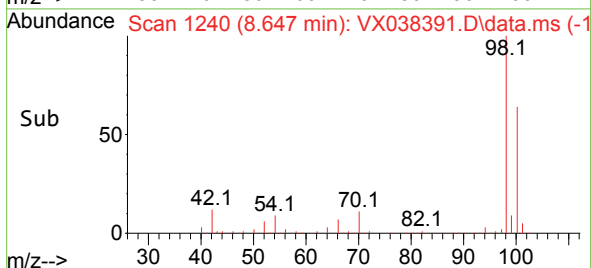
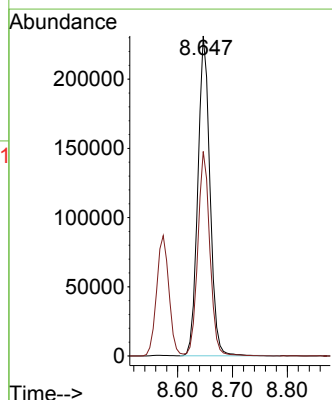
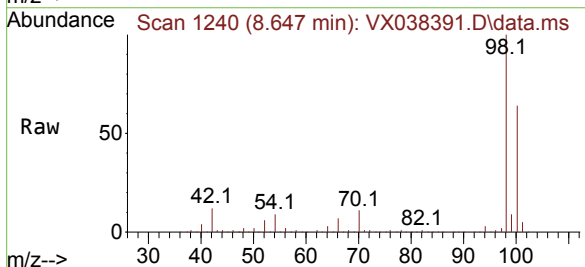
Acq: 20 Oct 2023 09:39

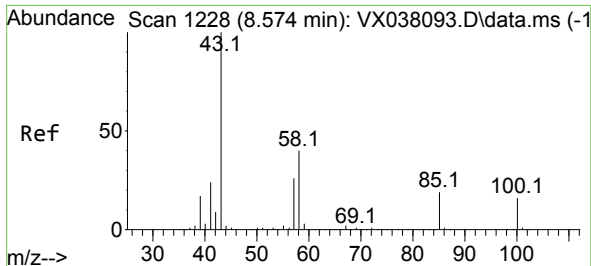
Tgt Ion: 98 Resp: 356502

Ion Ratio Lower Upper

98 100

100 63.5 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 255.449 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

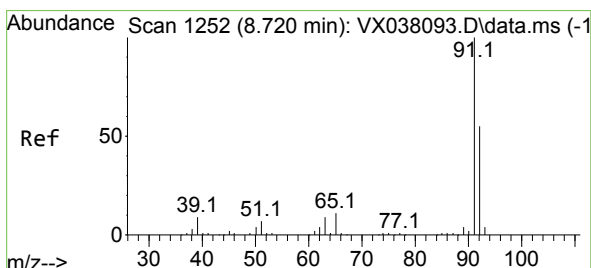
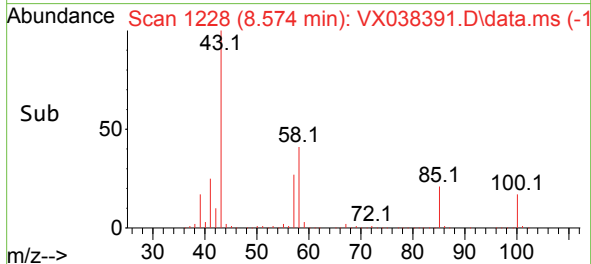
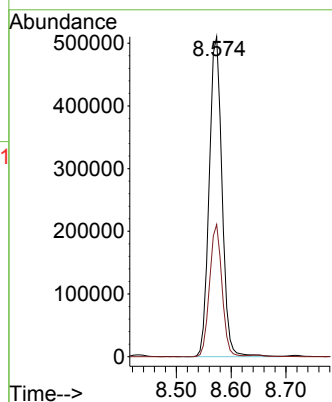
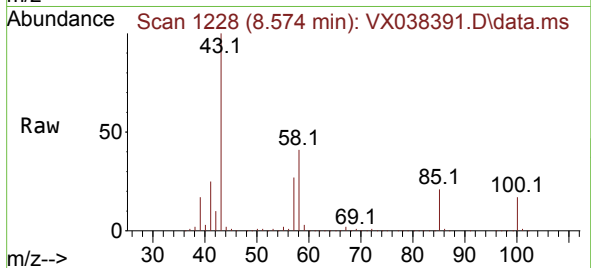
VSTDCCC050

Tgt Ion: 43 Resp: 823872

Ion Ratio Lower Upper

43 100

58 40.1 30.4 45.6



#52

Toluene

Concen: 52.519 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX038391.D

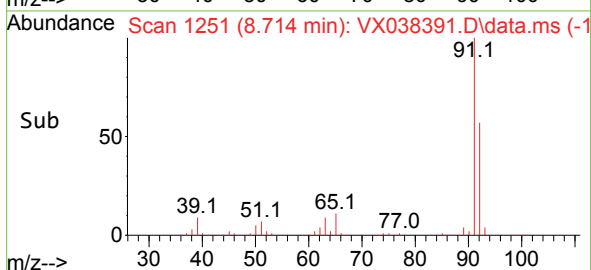
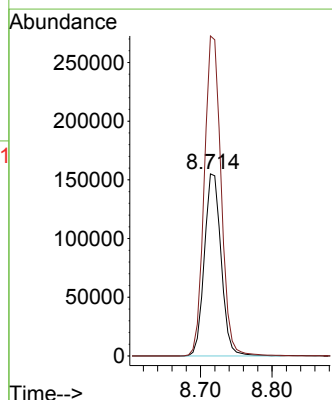
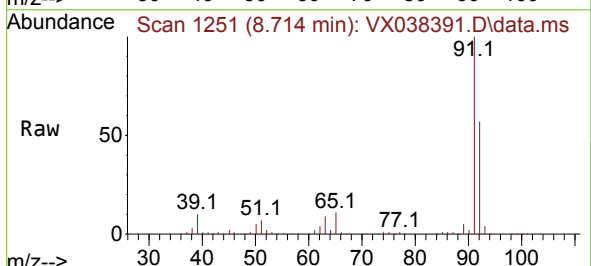
Acq: 20 Oct 2023 09:39

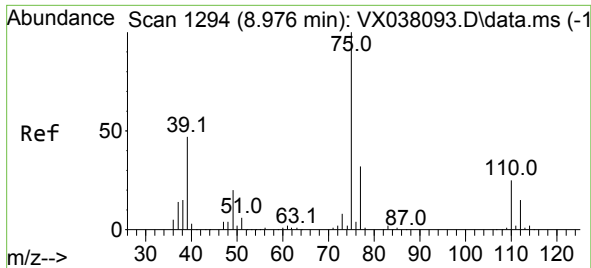
Tgt Ion: 92 Resp: 252357

Ion Ratio Lower Upper

92 100

91 176.8 134.2 201.2

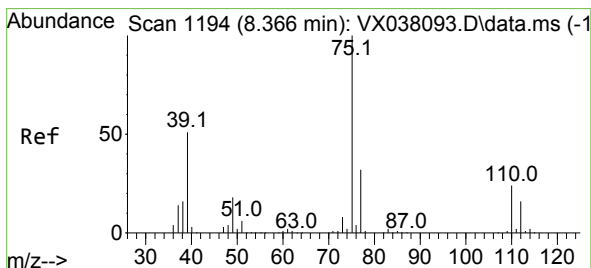
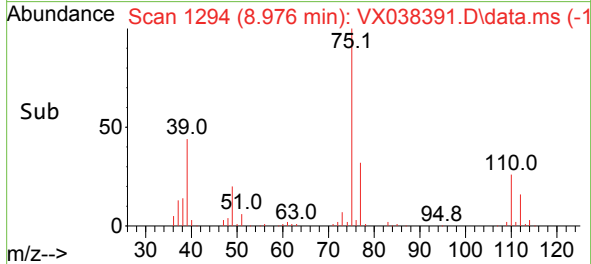
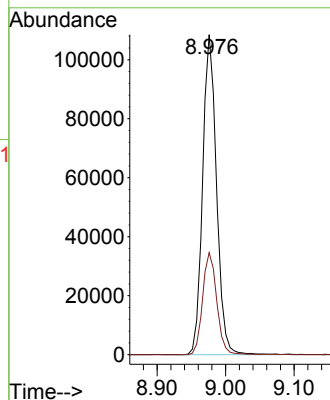
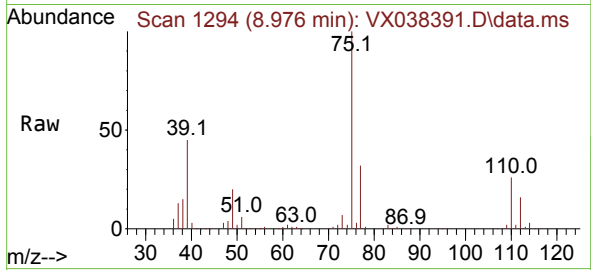




#53
t-1,3-Dichloropropene
Concen: 54.153 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

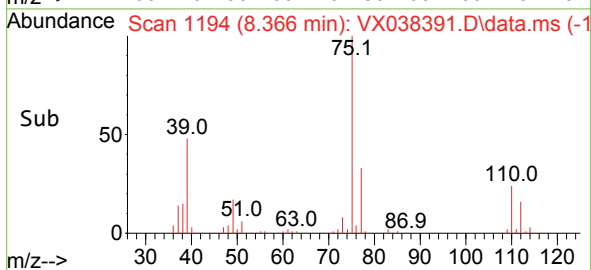
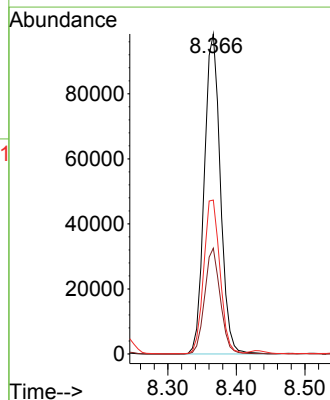
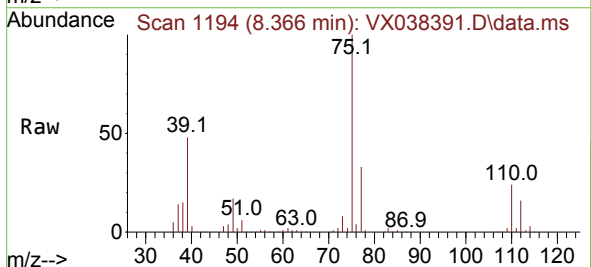
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

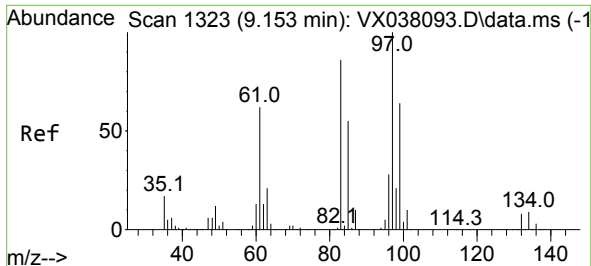
Tgt Ion: 75 Resp: 153116
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 54.009 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion: 75 Resp: 160442
Ion Ratio Lower Upper
75 100
77 33.1 25.3 37.9
39 48.0 46.7 70.1



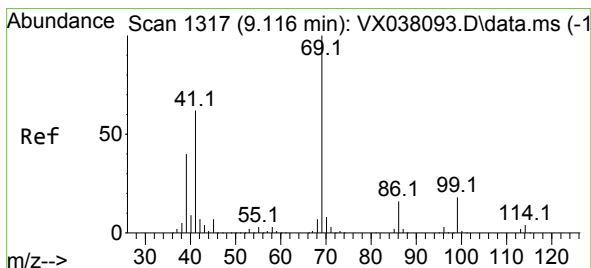
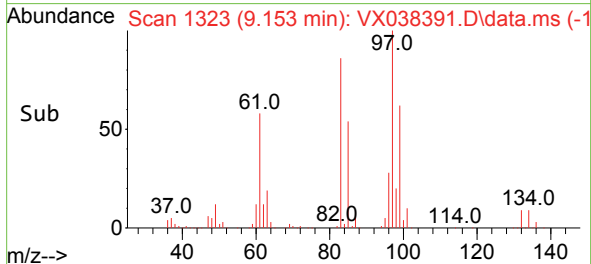
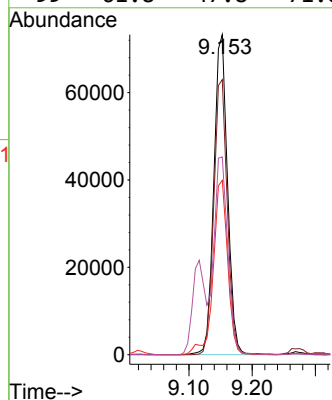
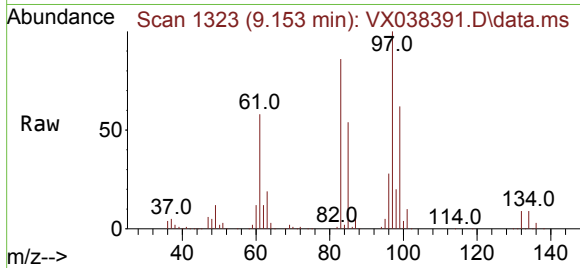


#55
1,1,2-Trichloroethane
Concen: 53.596 ug/l
RT: 9.153 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 110154

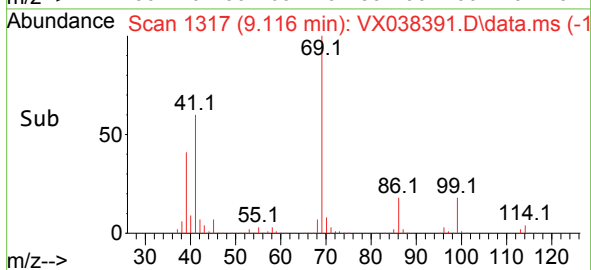
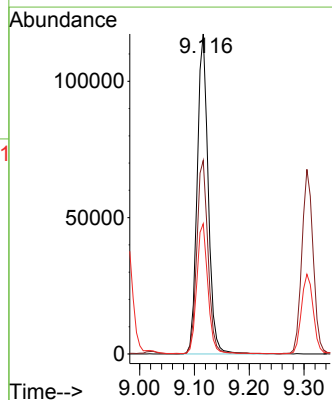
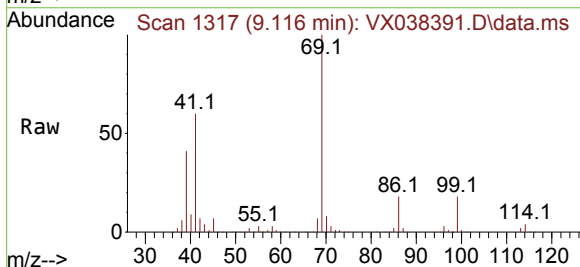
Ion	Ratio	Lower	Upper
97	100		
83	85.9	65.8	98.8
85	54.5	41.6	62.4
99	61.8	47.8	71.8

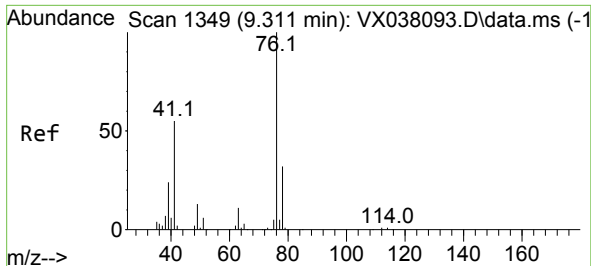


#56
Ethyl methacrylate
Concen: 52.301 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion: 69 Resp: 164809

Ion	Ratio	Lower	Upper
69	100		
41	61.8	56.8	85.2
39	40.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 52.819 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

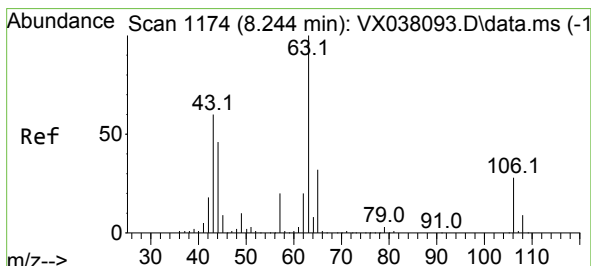
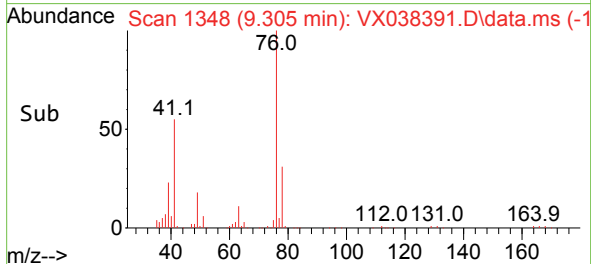
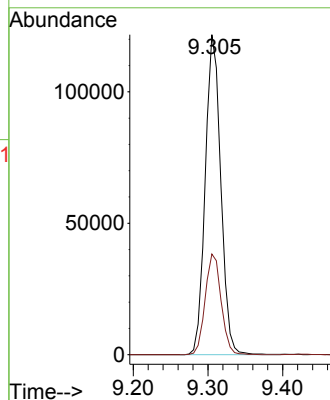
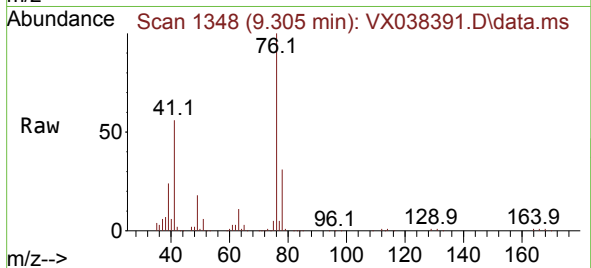
VSTDCCC050

Tgt Ion: 76 Resp: 175576

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 235.663 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038391.D

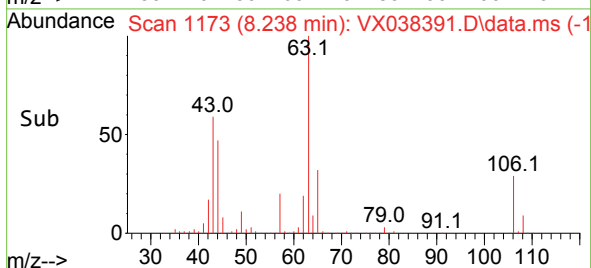
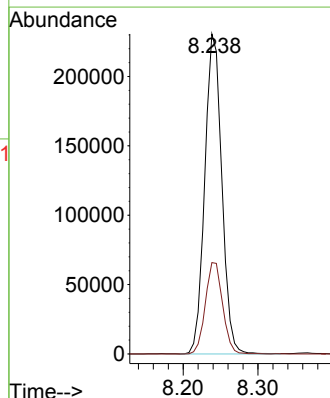
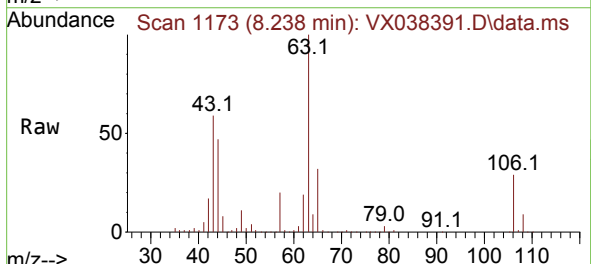
Acq: 20 Oct 2023 09:39

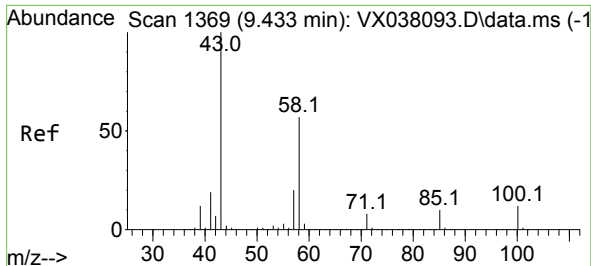
Tgt Ion: 63 Resp: 364519

Ion Ratio Lower Upper

63 100

106 29.0 22.5 33.7

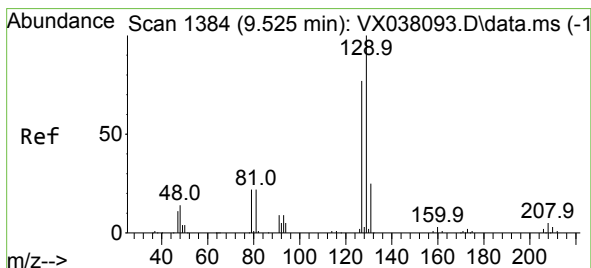
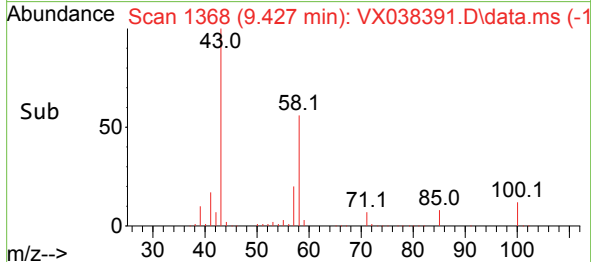
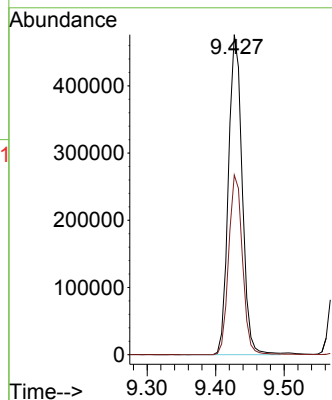
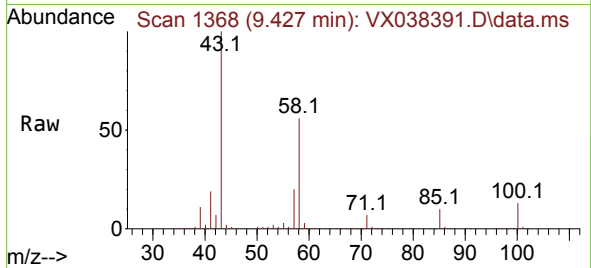




#59
2-Hexanone
Concen: 253.956 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

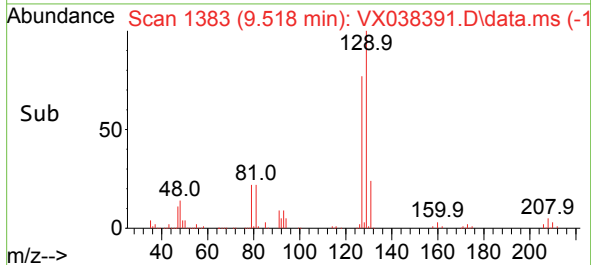
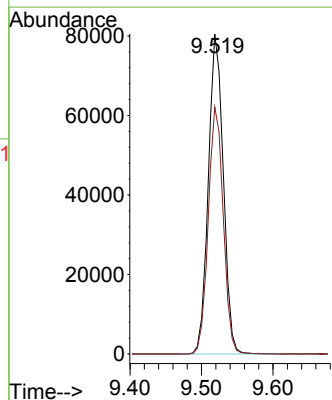
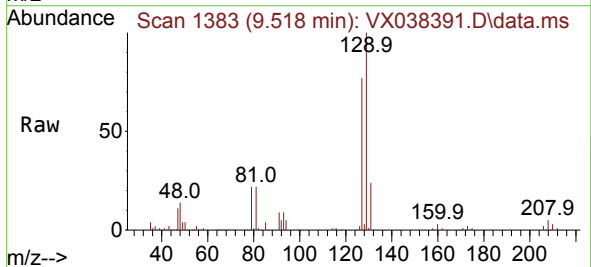
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

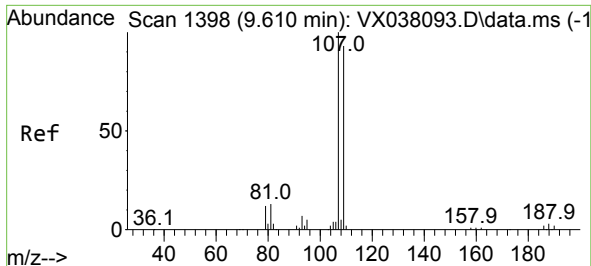
Tgt Ion: 43 Resp: 658461
Ion Ratio Lower Upper
43 100
58 56.5 26.2 78.5



#60
Dibromochloromethane
Concen: 58.147 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.007 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion:129 Resp: 116962
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4

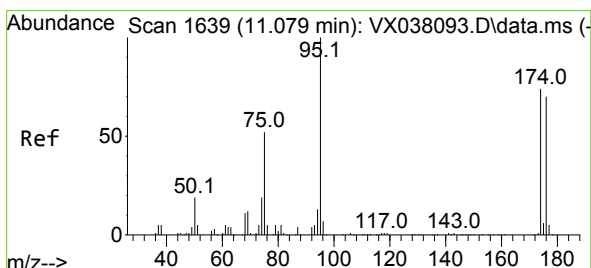
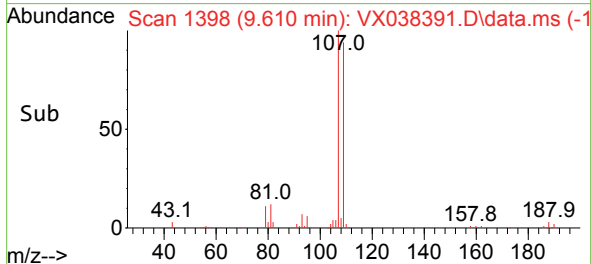
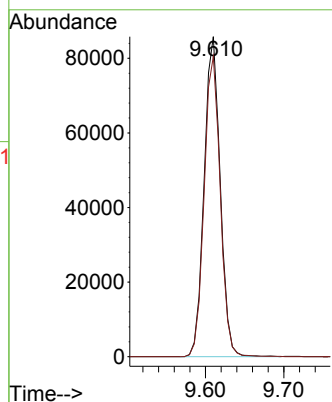
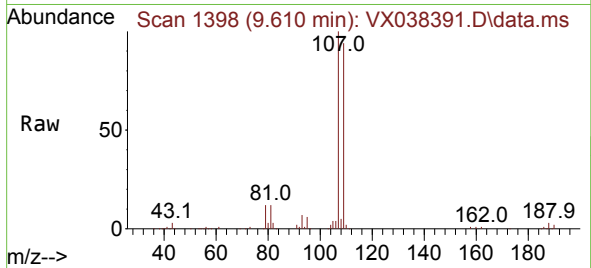




#61
1,2-Dibromoethane
Concen: 54.773 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

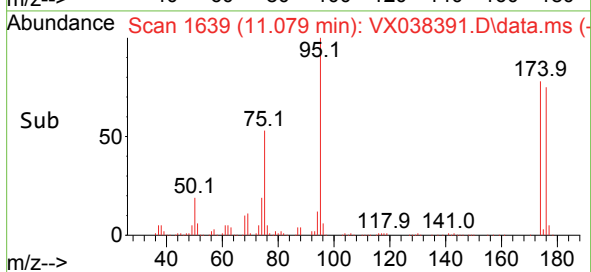
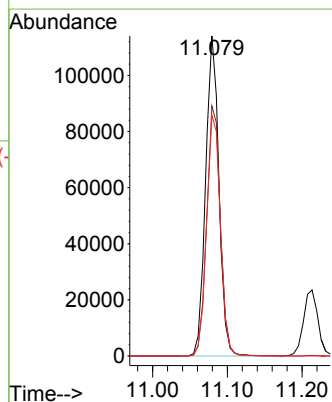
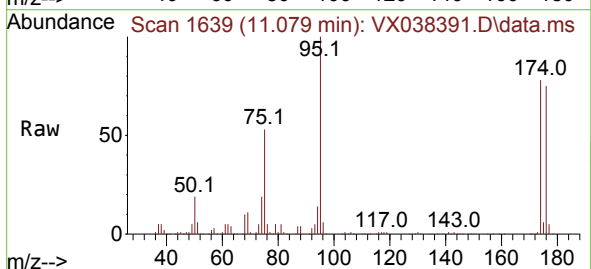
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

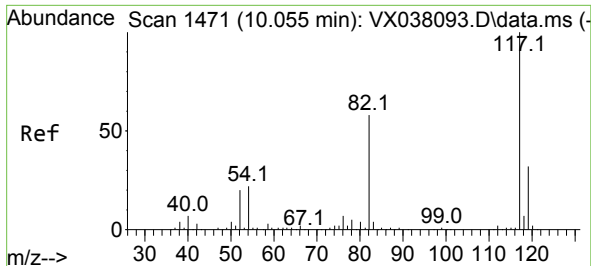
Tgt Ion:107 Resp: 121736
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 50.692 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion: 95 Resp: 140447
Ion Ratio Lower Upper
95 100
174 80.4 0.0 135.6
176 78.3 0.0 131.0

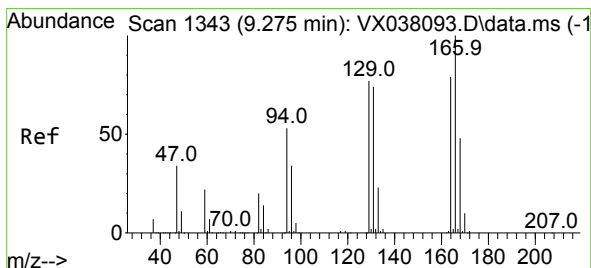
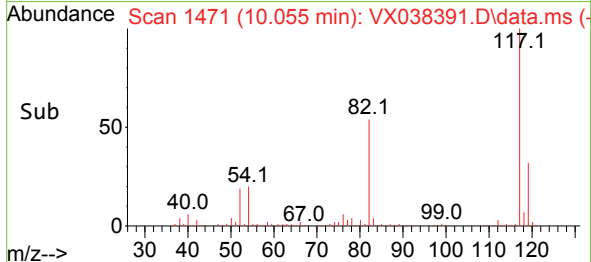
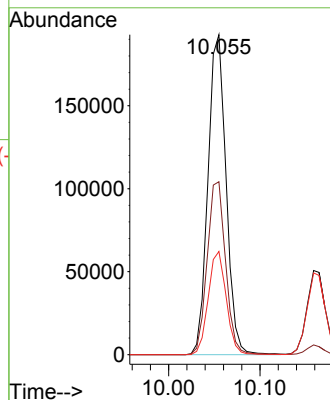
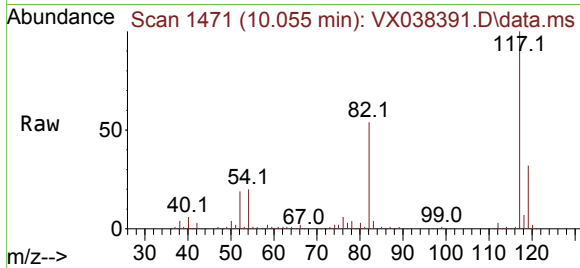




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

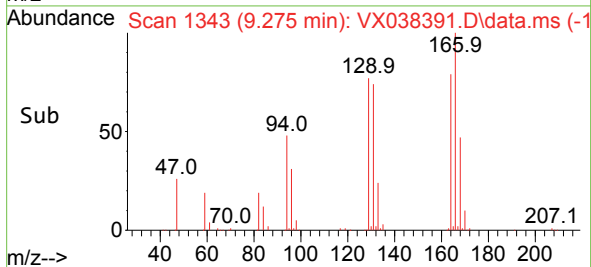
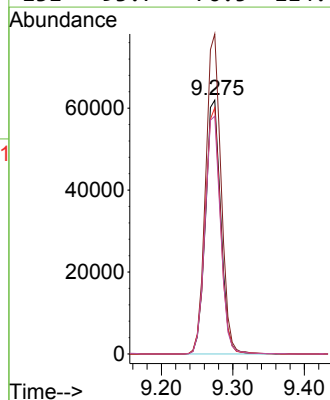
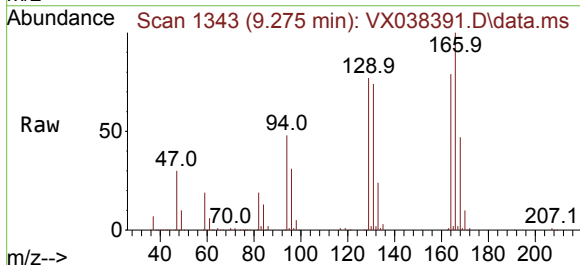
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

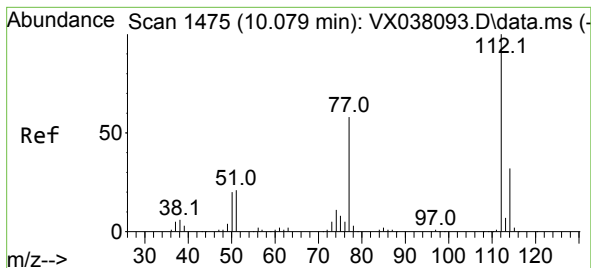
Tgt Ion:117 Resp: 265209
Ion Ratio Lower Upper
117 100
82 54.0 46.2 69.4
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 53.373 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion:164 Resp: 91635
Ion Ratio Lower Upper
164 100
166 126.1 102.7 154.1
129 97.0 80.4 120.6
131 93.7 76.5 114.7

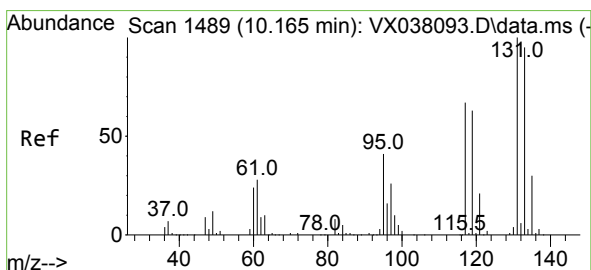
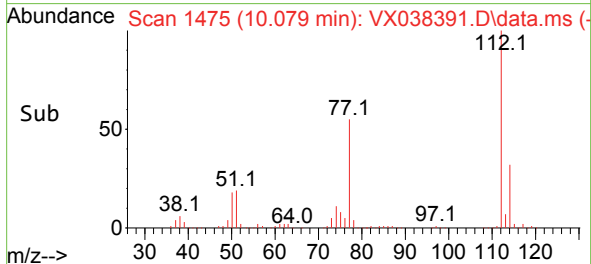
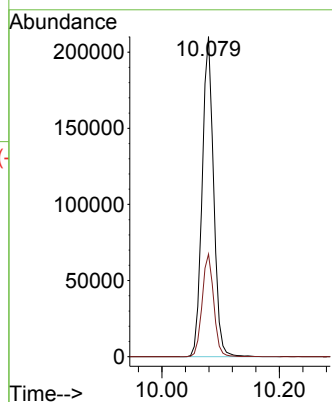
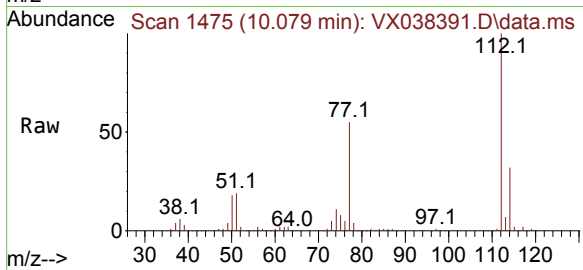




#65
Chlorobenzene
Concen: 51.343 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

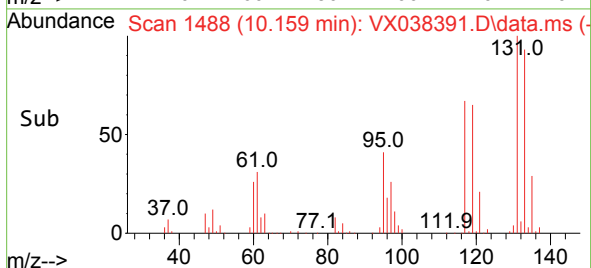
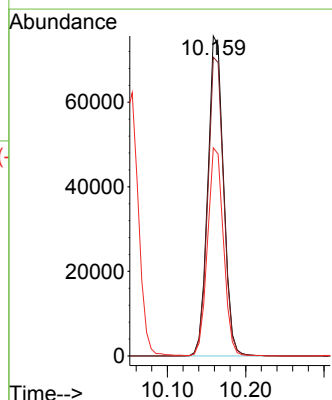
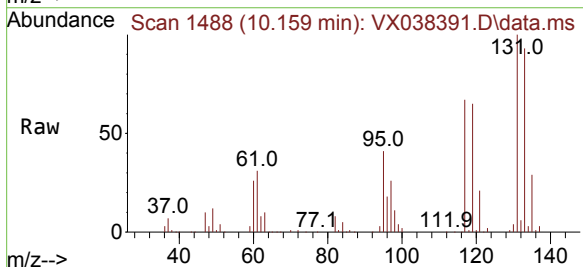
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

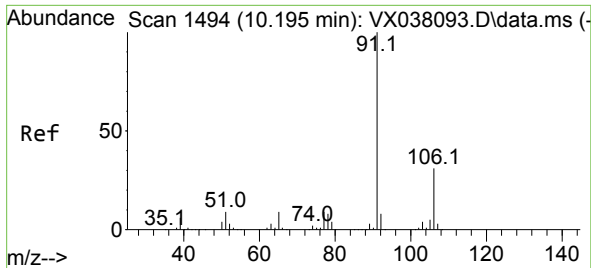
Tgt Ion:112 Resp: 284936
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 56.145 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion:131 Resp: 105363
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.4
119 65.8 32.2 96.6

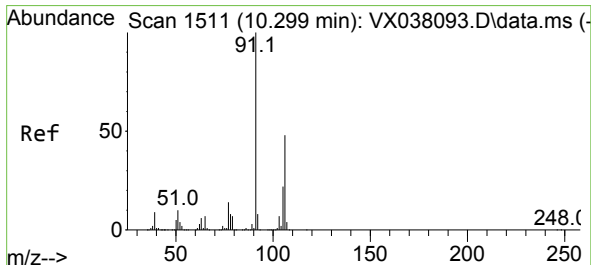
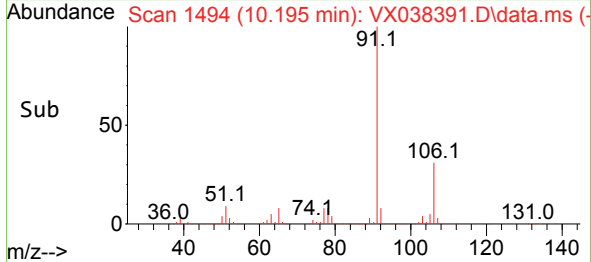
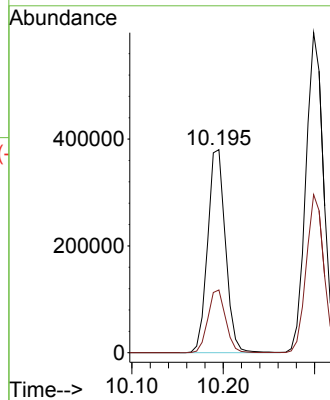
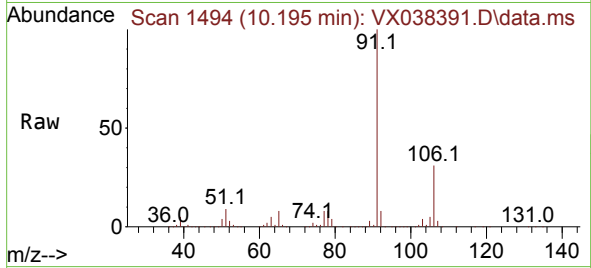




#67
Ethyl Benzene
Concen: 51.931 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

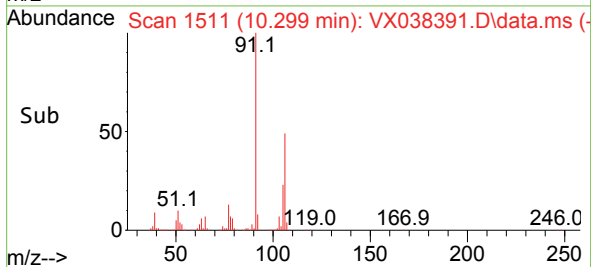
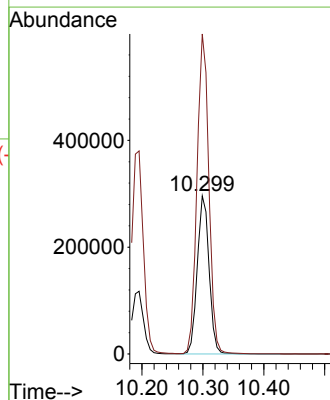
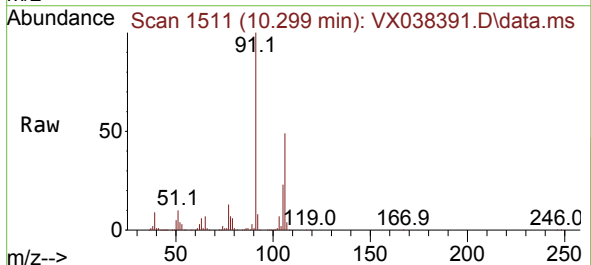
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

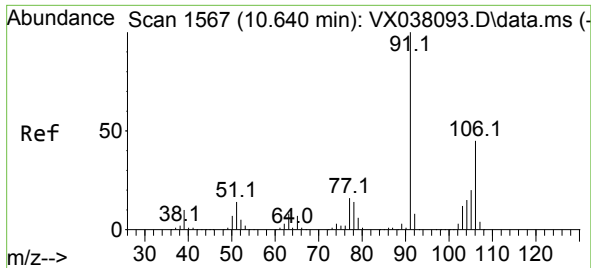
Tgt Ion: 91 Resp: 514430
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3



#68
m/p-Xylenes
Concen: 103.971 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion: 106 Resp: 398242
Ion Ratio Lower Upper
106 100
91 203.1 165.5 248.3

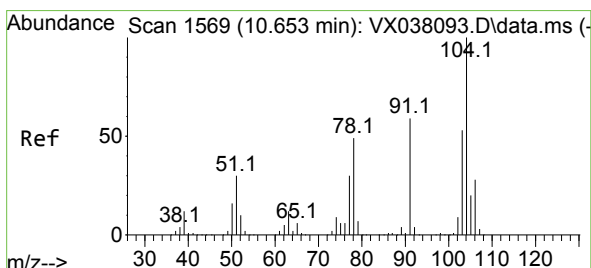
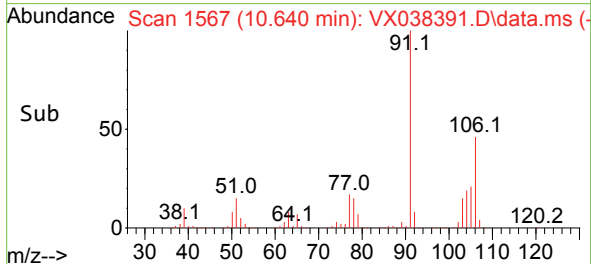
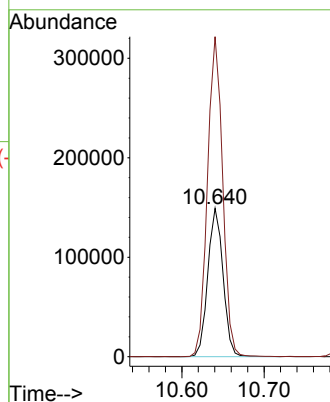
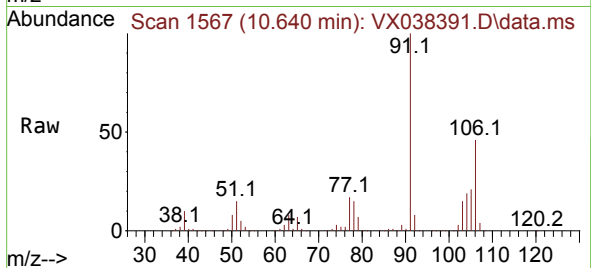




#69
o-Xylene
Concen: 51.410 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

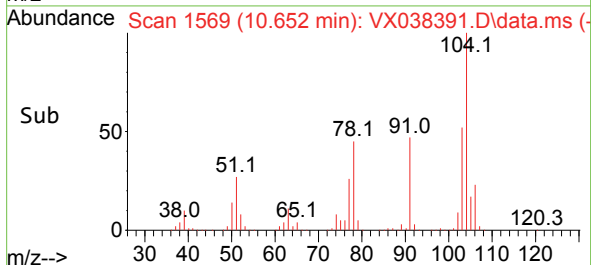
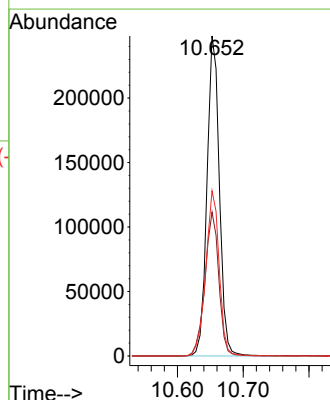
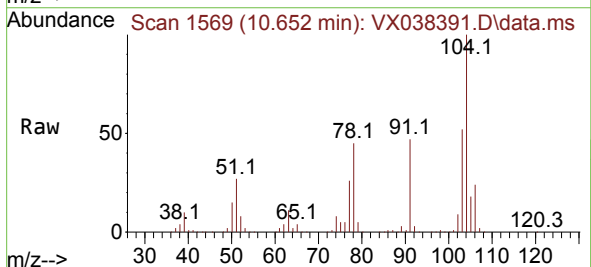
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

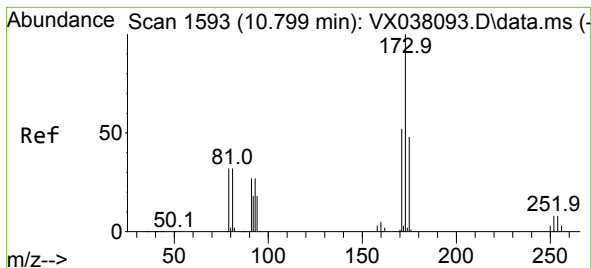
Tgt Ion:106 Resp: 192188
Ion Ratio Lower Upper
106 100
91 215.0 108.9 326.8



#70
Styrene
Concen: 53.345 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion:104 Resp: 324765
Ion Ratio Lower Upper
104 100
78 50.4 43.6 65.4
103 56.2 43.6 65.4





#71

Bromoform

Concen: 49.731 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

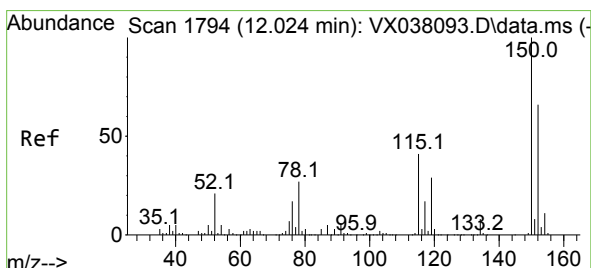
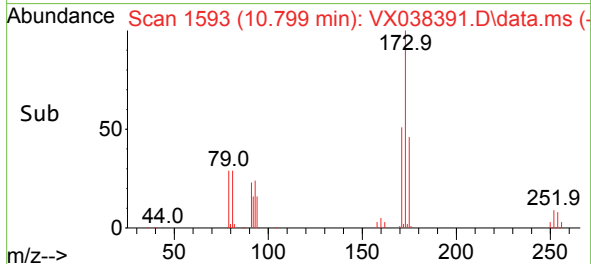
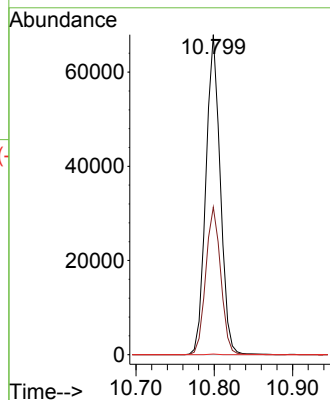
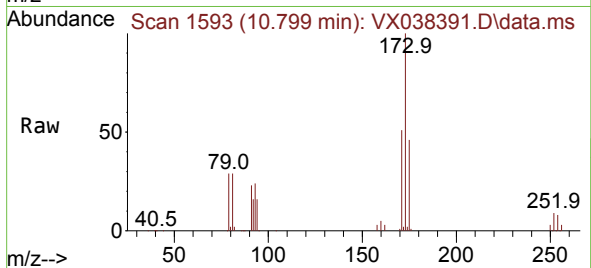
Tgt Ion:173 Resp: 86549

Ion Ratio Lower Upper

173 100

175 47.9 24.1 72.4

254 0.1 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: VX038391.D

Acq: 20 Oct 2023 09:39

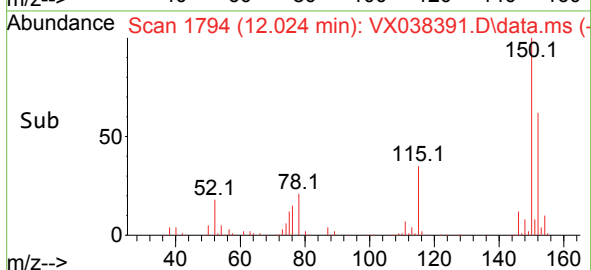
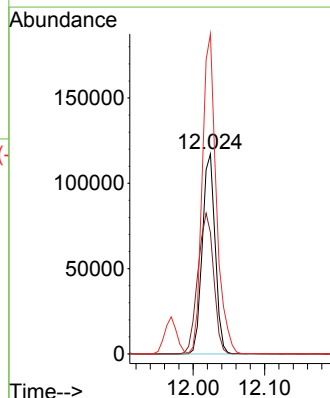
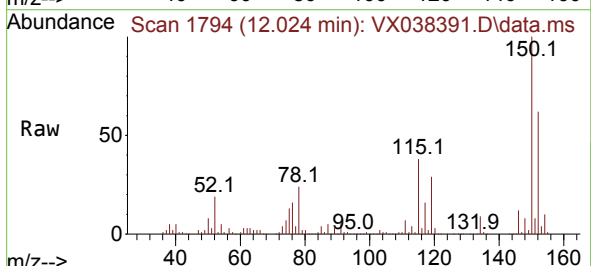
Tgt Ion:152 Resp: 146148

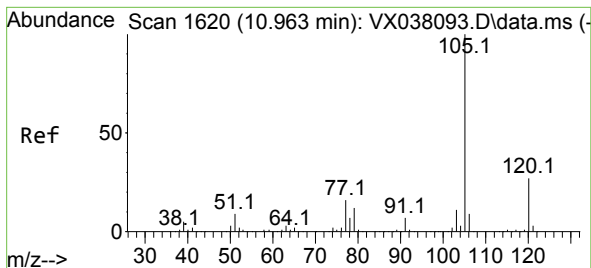
Ion Ratio Lower Upper

152 100

115 86.1 43.3 129.9

150 175.2 0.0 345.0





#73

Isopropylbenzene

Concen: 52.765 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

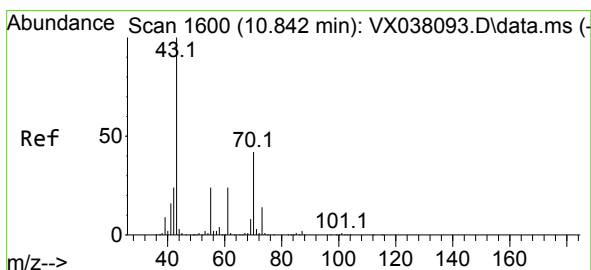
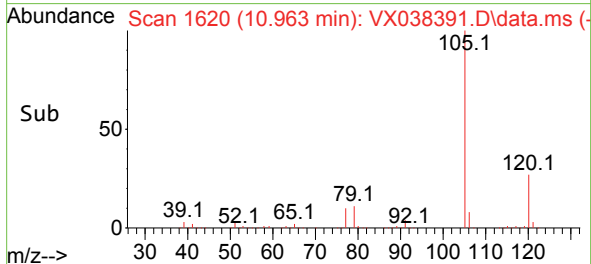
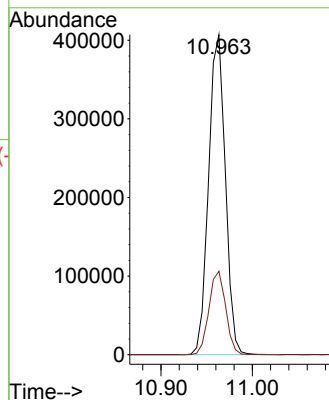
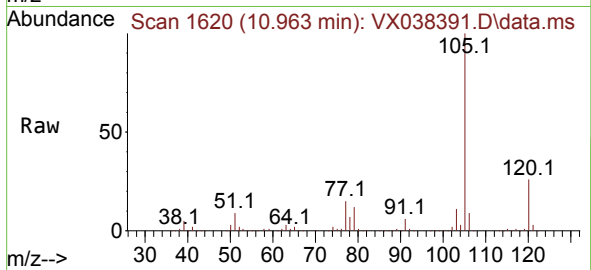
VSTDCCC050

Tgt Ion:105 Resp: 517157

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.6



#74

N-ethyl acetate

Concen: 50.709 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

Tgt Ion: 43 Resp: 212239

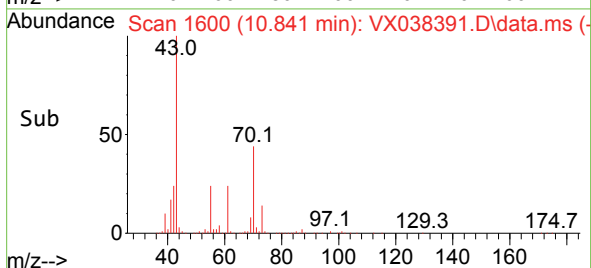
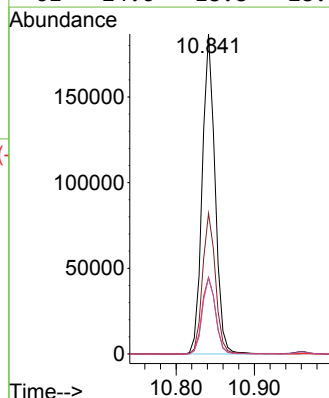
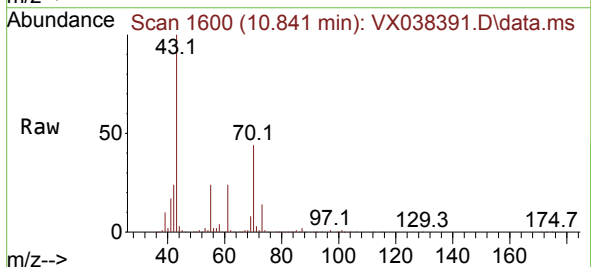
Ion Ratio Lower Upper

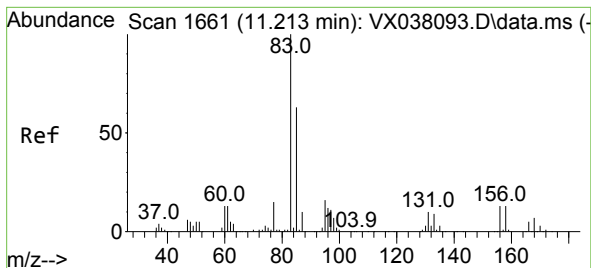
43 100

70 44.4 32.9 49.3

55 25.4 19.3 28.9

61 24.6 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.500 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

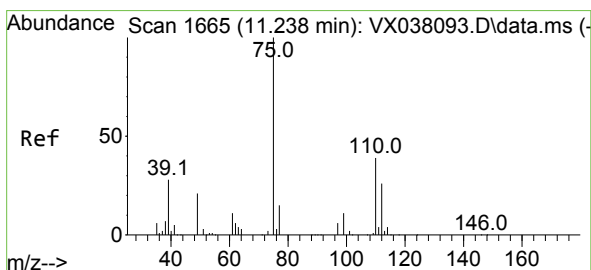
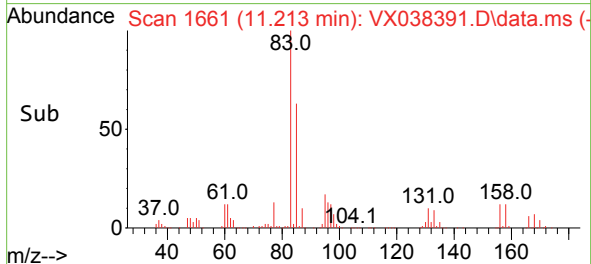
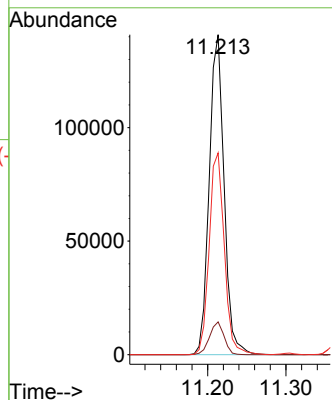
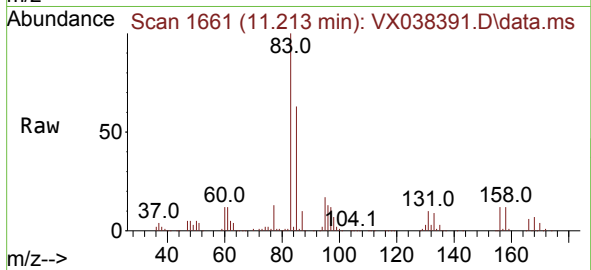
Tgt Ion: 83 Resp: 185217

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.8

85 64.3 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 60.541 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX038391.D

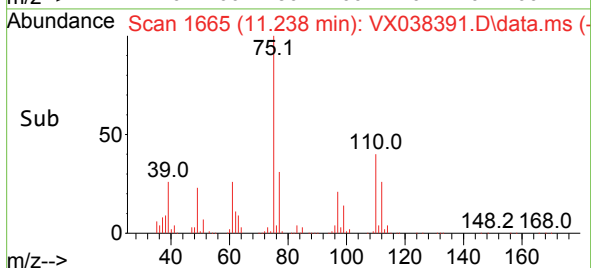
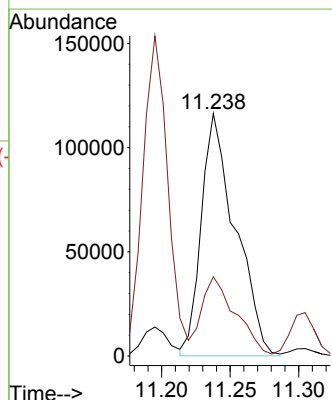
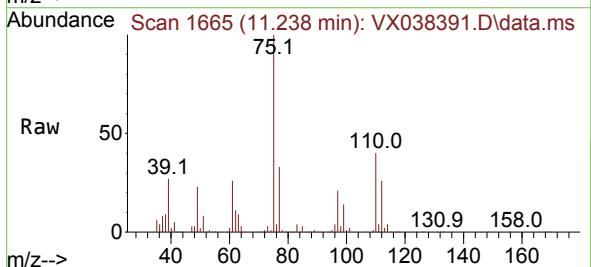
Acq: 20 Oct 2023 09:39

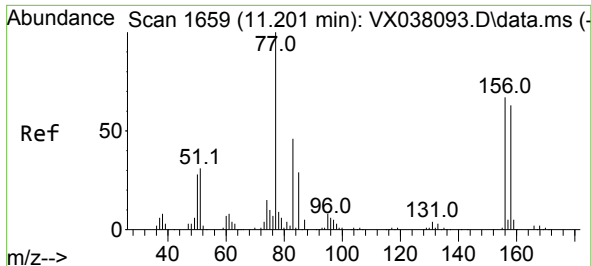
Tgt Ion: 75 Resp: 201148

Ion Ratio Lower Upper

75 100

77 32.6 19.1 57.5

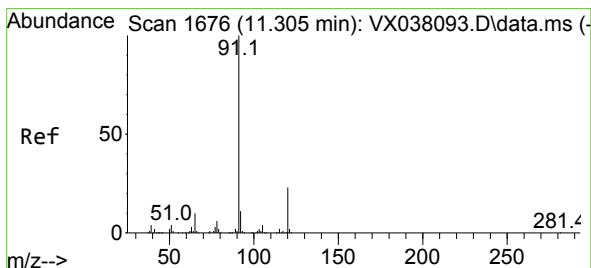
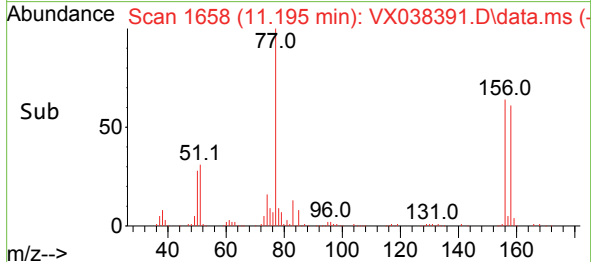
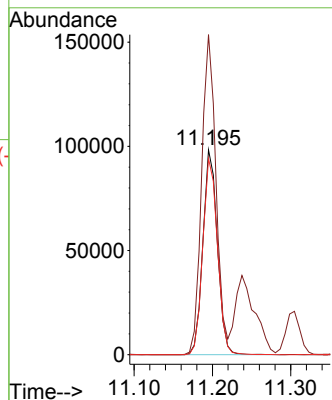
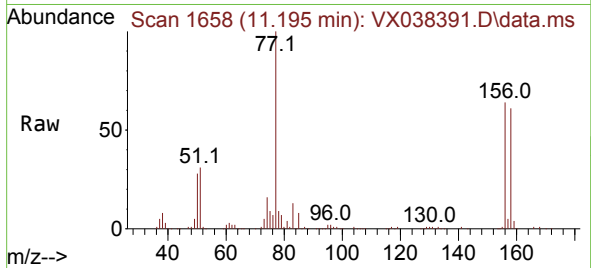




#77
Bromobenzene
Concen: 52.604 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

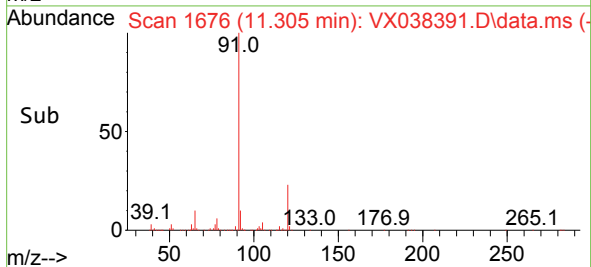
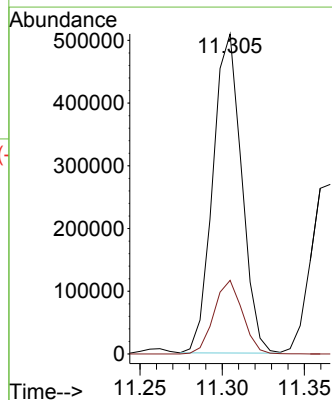
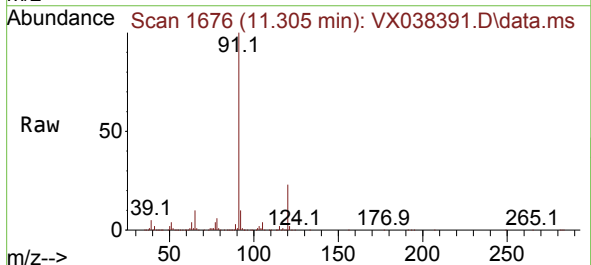
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

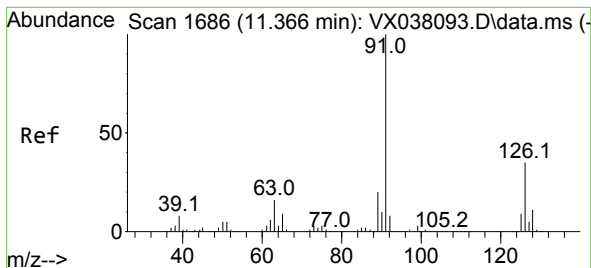
Tgt Ion:156 Resp: 125875
Ion Ratio Lower Upper
156 100
77 155.3 88.4 265.3
158 97.3 48.0 144.0



#78
n-propylbenzene
Concen: 51.769 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion: 91 Resp: 620416
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.909 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

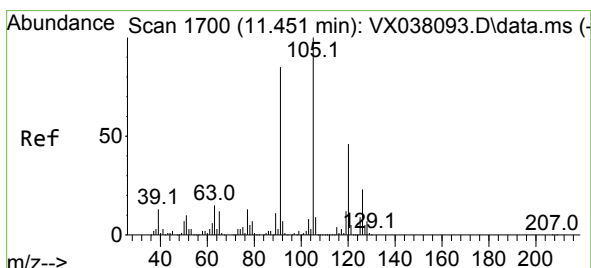
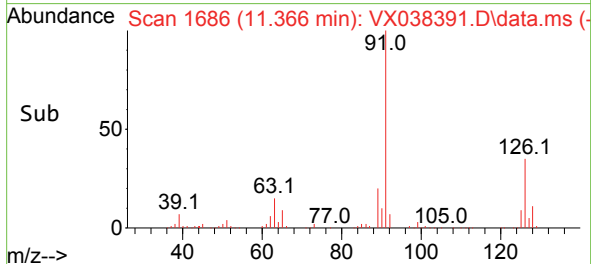
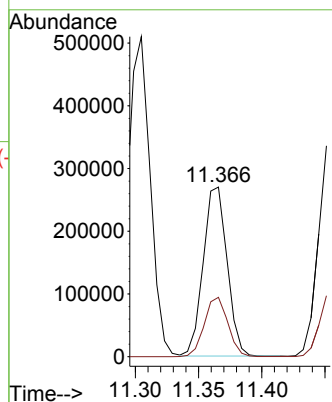
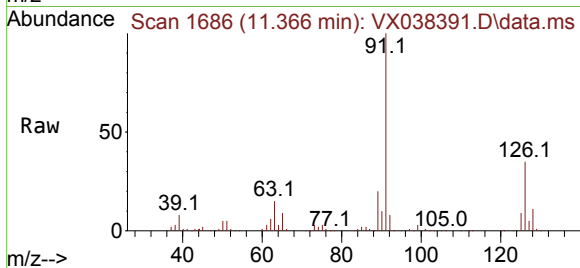
VSTDCCC050

Tgt Ion: 91 Resp: 354718

Ion Ratio Lower Upper

91 100

126 34.7 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 52.484 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038391.D

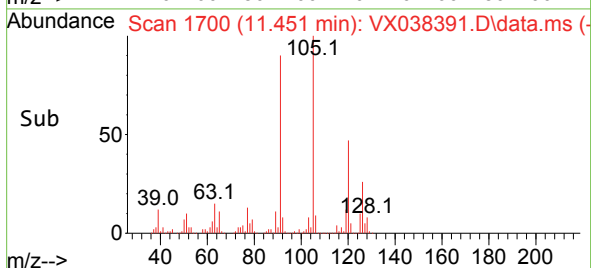
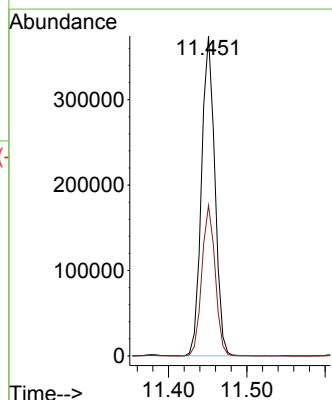
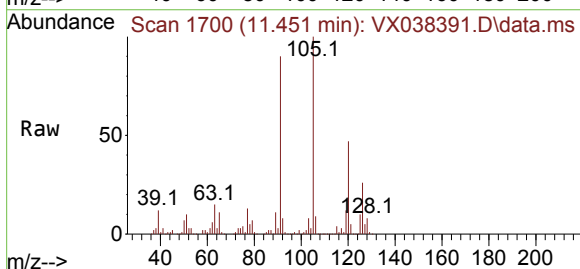
Acq: 20 Oct 2023 09:39

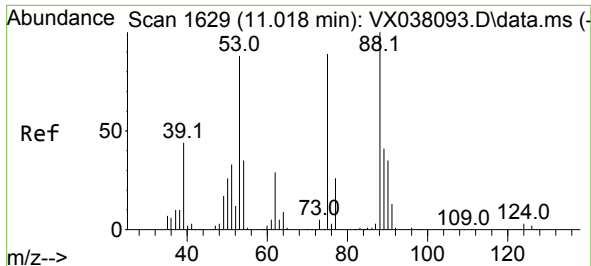
Tgt Ion: 105 Resp: 443796

Ion Ratio Lower Upper

105 100

120 47.0 24.1 72.3

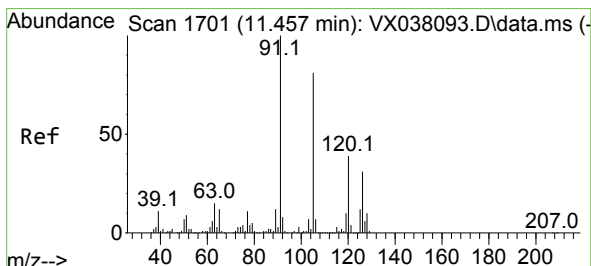
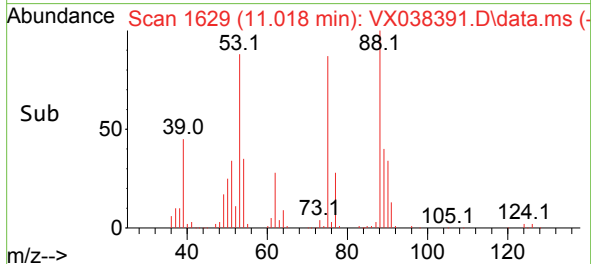
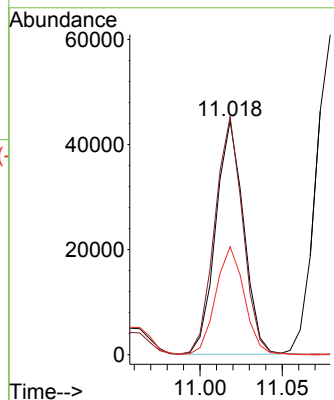
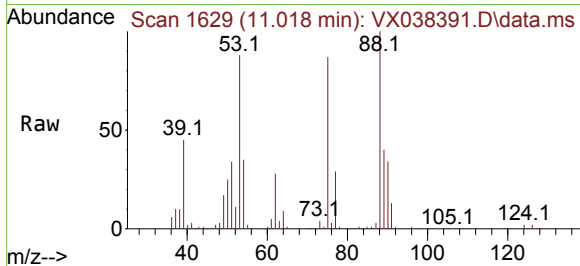




#81
trans-1,4-Dichloro-2-butene
Concen: 46.409 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

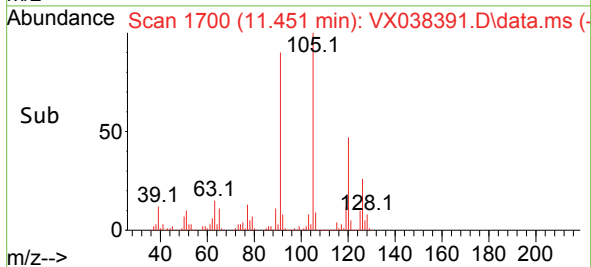
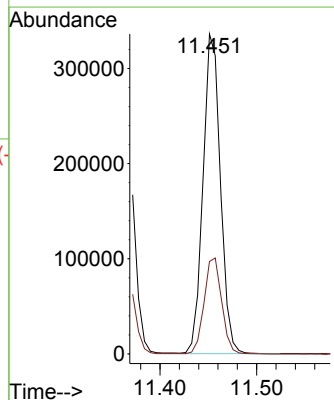
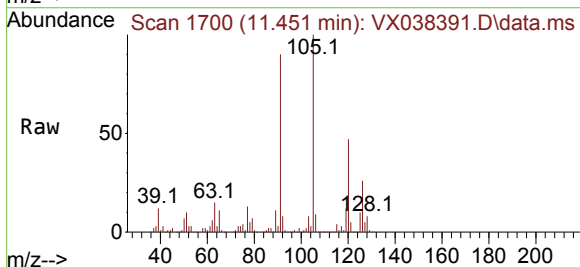
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

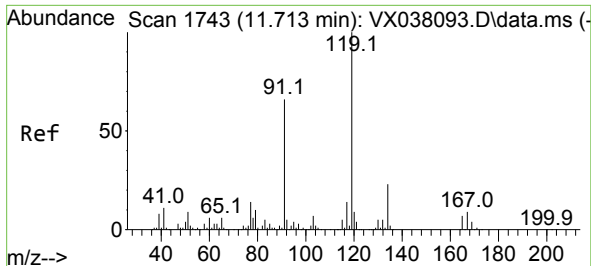
Tgt Ion:	75	Resp:	52448
Ion	Ratio	Lower	Upper
75	100		
53	102.2	90.5	135.7
89	47.3	36.9	55.3



#82
4-Chlorotoluene
Concen: 50.027 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion:	91	Resp:	420743
Ion	Ratio	Lower	Upper
91	100		
126	30.5	14.2	42.6

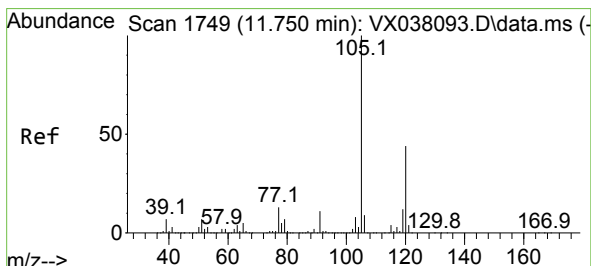
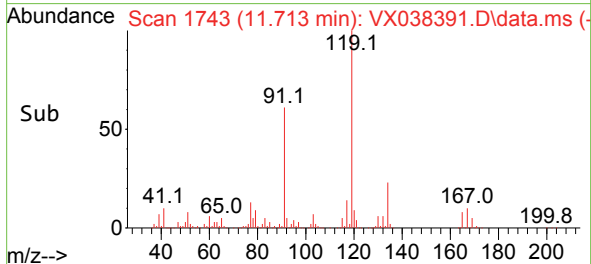
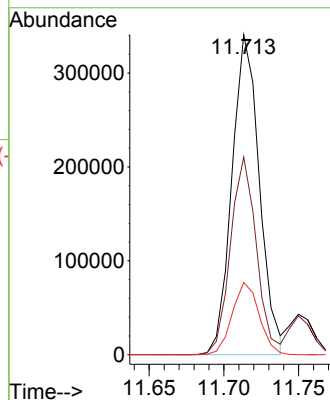
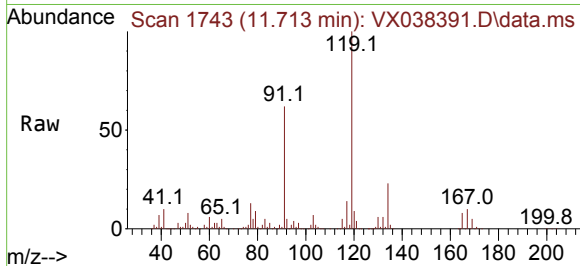




#83
tert-Butylbenzene
Concen: 52.679 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

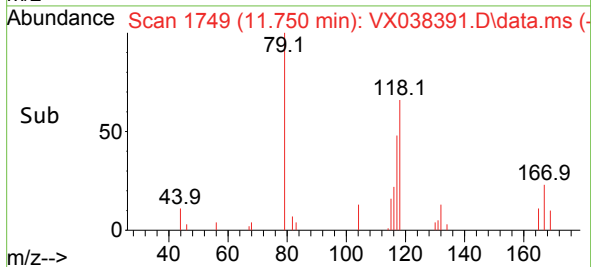
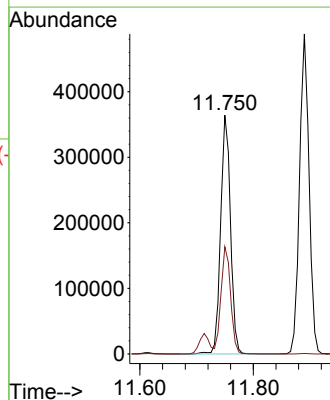
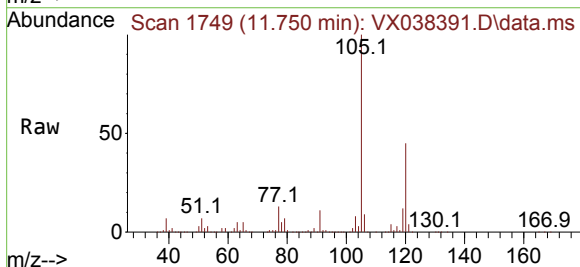
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

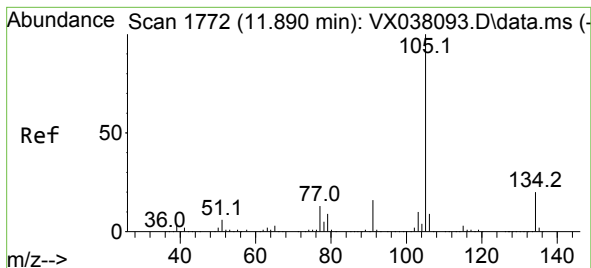
Tgt Ion:119 Resp: 435257
Ion Ratio Lower Upper
119 100
91 58.5 31.2 93.6
134 22.2 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 52.127 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion:105 Resp: 439478
Ion Ratio Lower Upper
105 100
120 43.7 21.2 63.6





#85

sec-Butylbenzene

Concen: 52.907 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

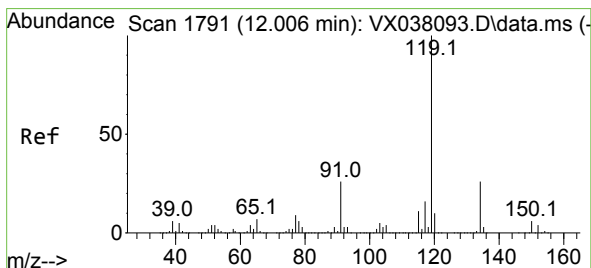
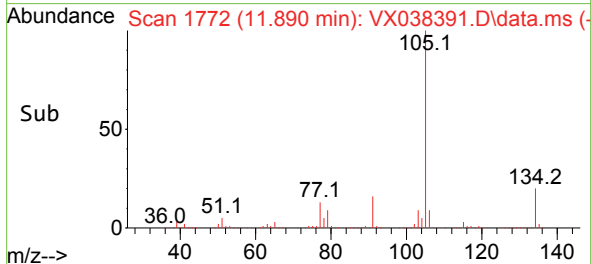
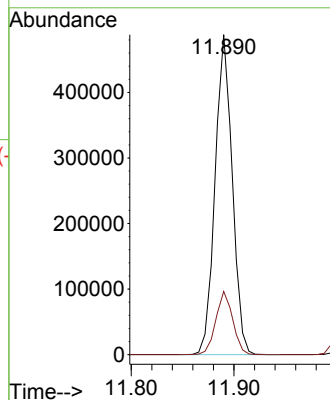
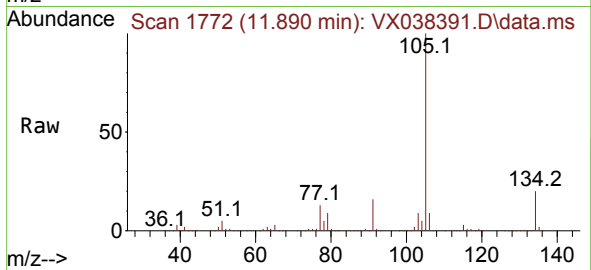
VSTDCCC050

Tgt Ion:105 Resp: 566268

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.4



#86

p-Isopropyltoluene

Concen: 53.179 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

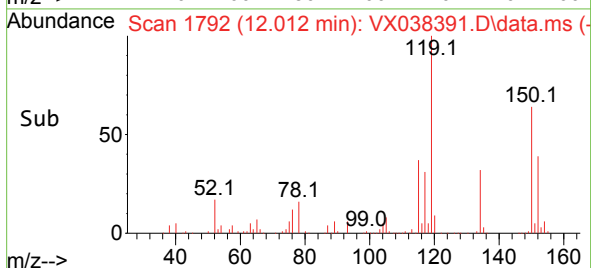
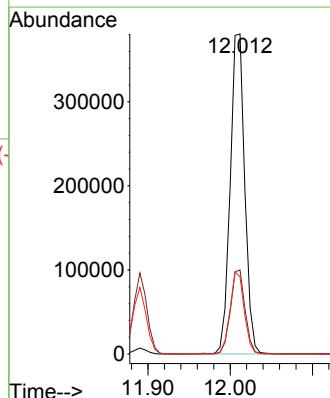
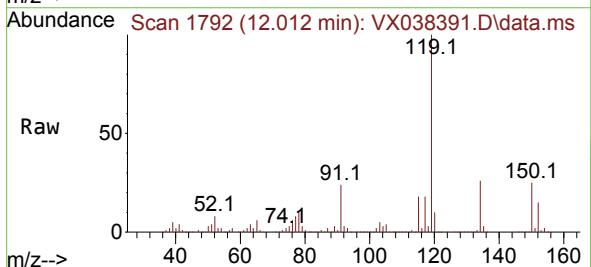
Tgt Ion:119 Resp: 469595

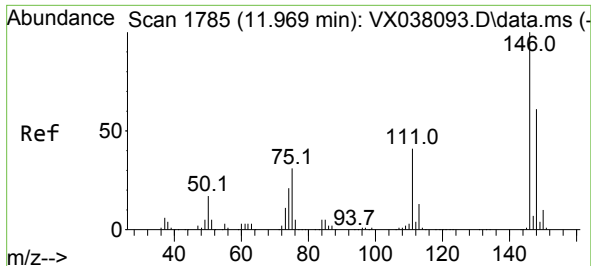
Ion Ratio Lower Upper

119 100

134 26.3 12.8 38.3

91 25.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.389 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

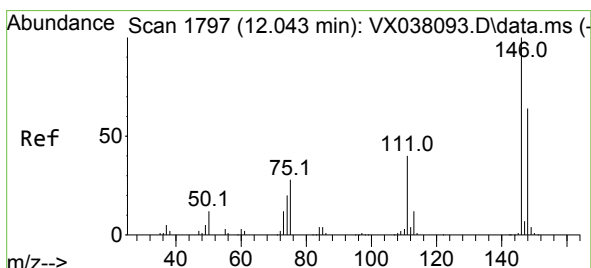
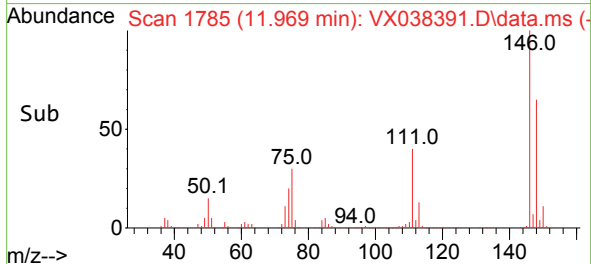
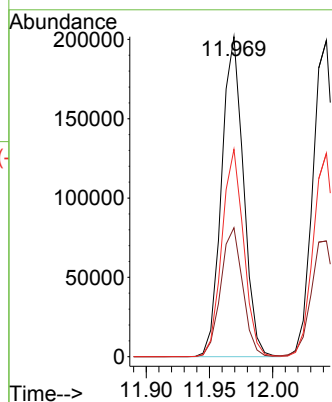
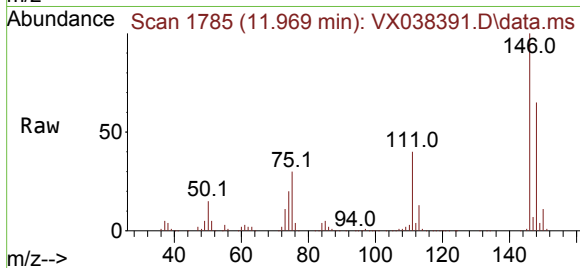
Tgt Ion:146 Resp: 242181

Ion Ratio Lower Upper

146 100

111 40.5 22.1 66.1

148 64.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.248 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

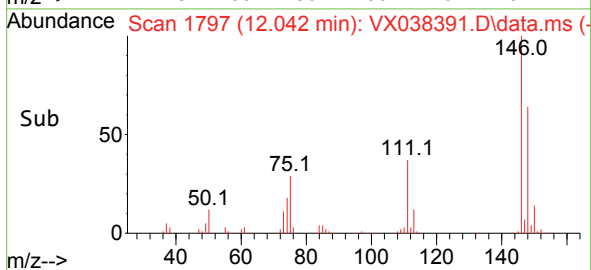
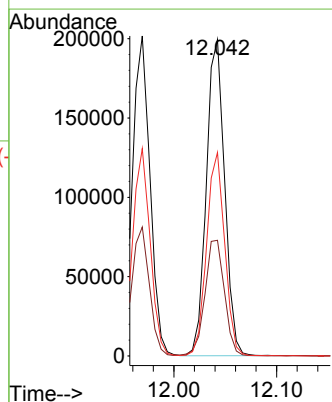
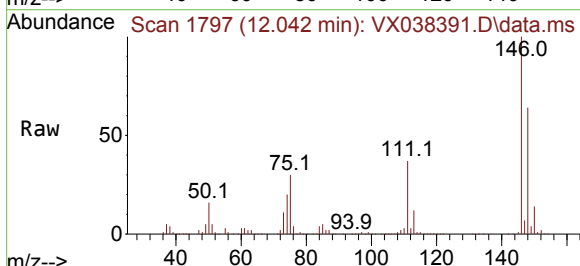
Tgt Ion:146 Resp: 246553

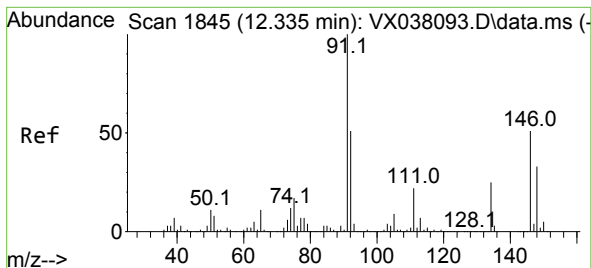
Ion Ratio Lower Upper

146 100

111 39.1 21.3 63.7

148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 50.862 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

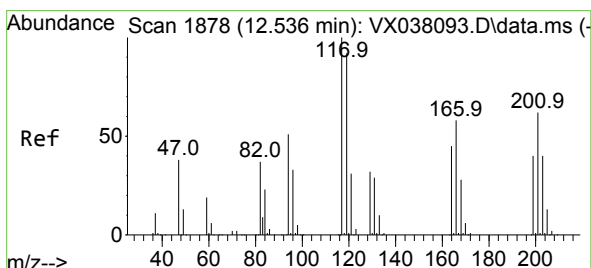
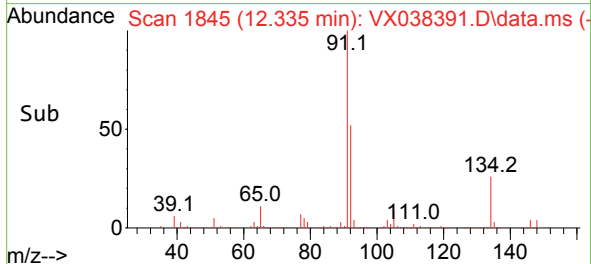
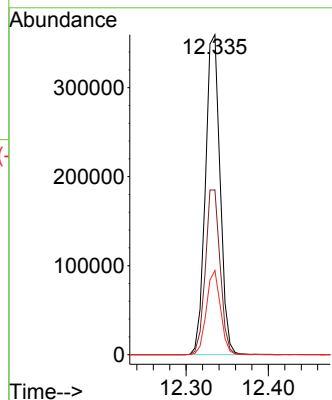
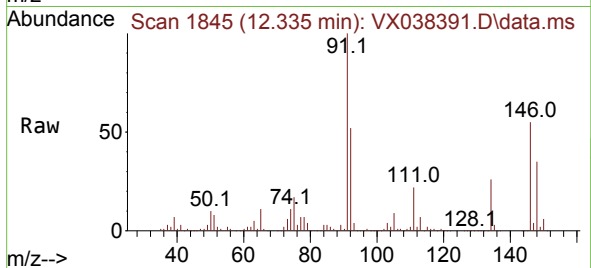
Tgt Ion: 91 Resp: 447301

Ion Ratio Lower Upper

91 100

92 51.7 27.4 82.0

134 25.3 12.6 37.8



#90

Hexachloroethane

Concen: 54.516 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038391.D

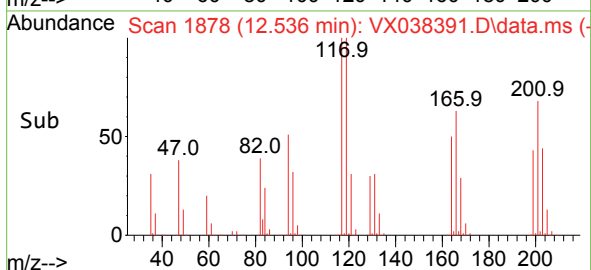
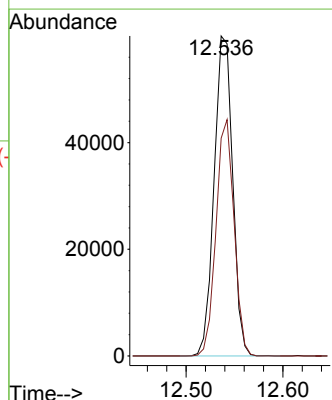
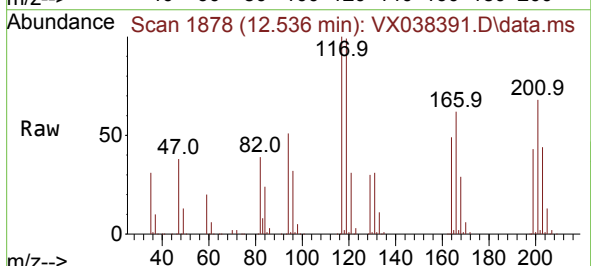
Acq: 20 Oct 2023 09:39

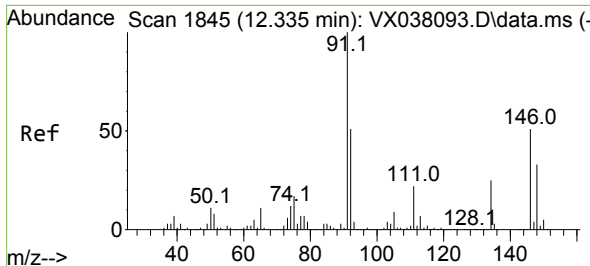
Tgt Ion: 117 Resp: 79817

Ion Ratio Lower Upper

117 100

201 71.8 32.9 98.6

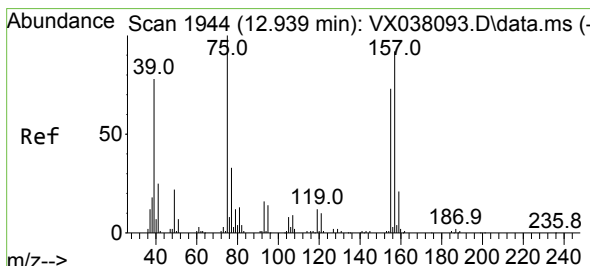
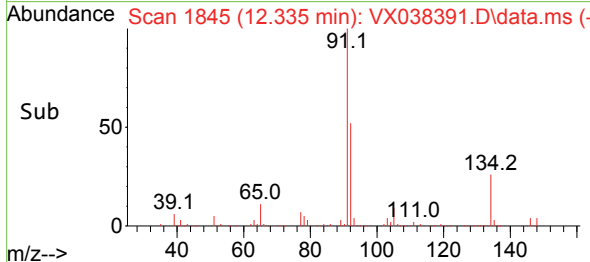
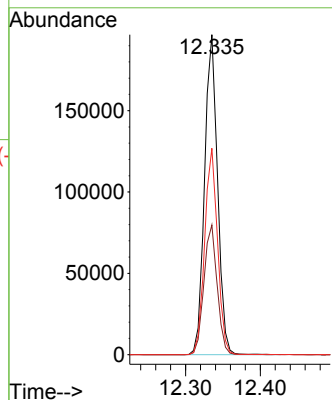
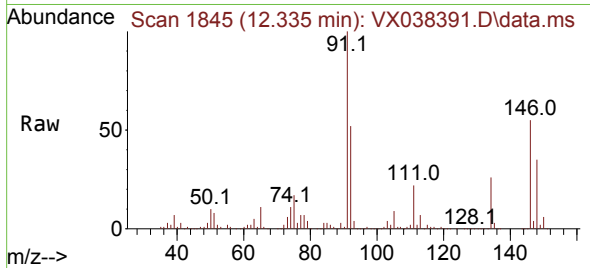




#91
1,2-Dichlorobenzene
Concen: 51.371 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

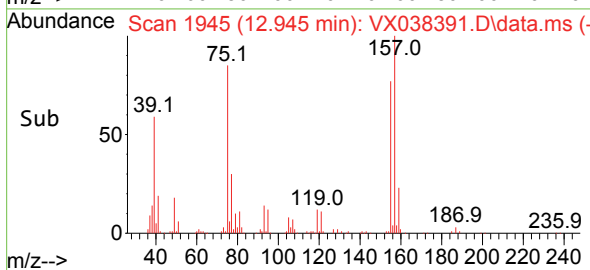
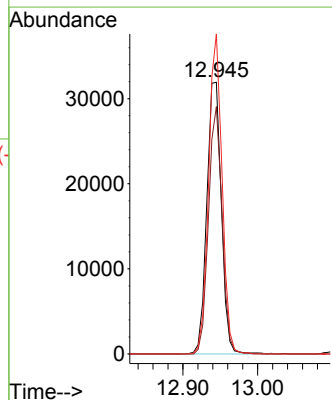
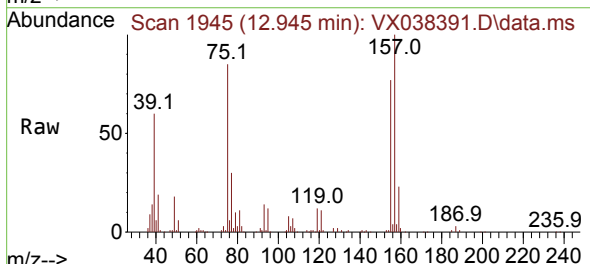
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

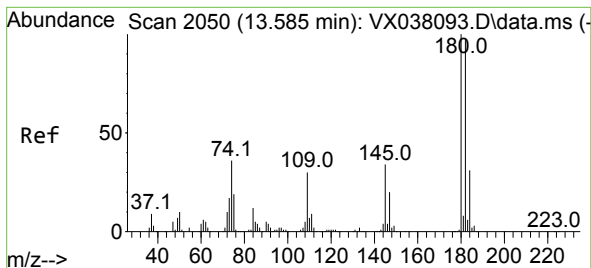
Tgt Ion:146 Resp: 237327
Ion Ratio Lower Upper
146 100
111 41.4 22.4 67.0
148 64.1 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.604 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion: 75 Resp: 43133
Ion Ratio Lower Upper
75 100
155 85.3 36.1 108.5
157 108.9 44.9 134.7

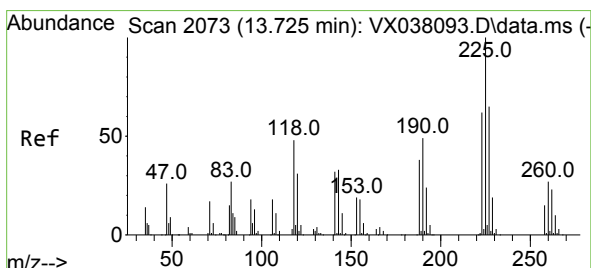
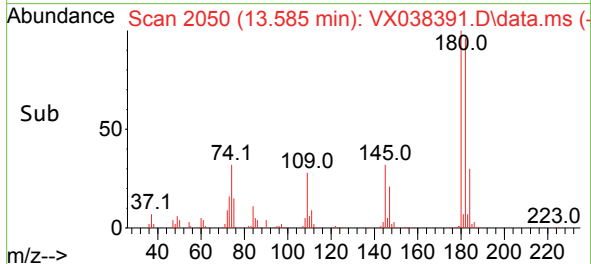
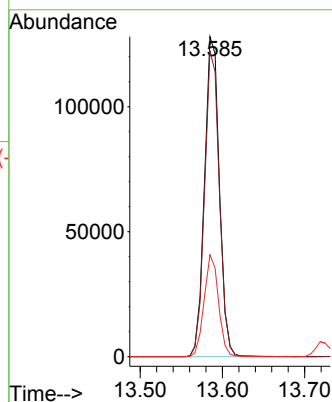
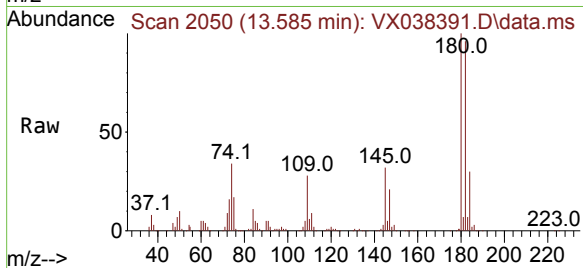




#93
1,2,4-Trichlorobenzene
Concen: 51.824 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

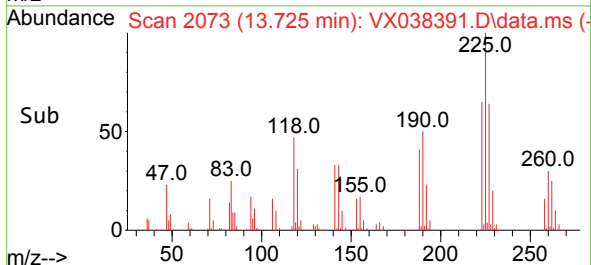
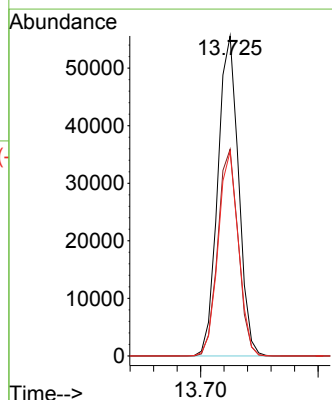
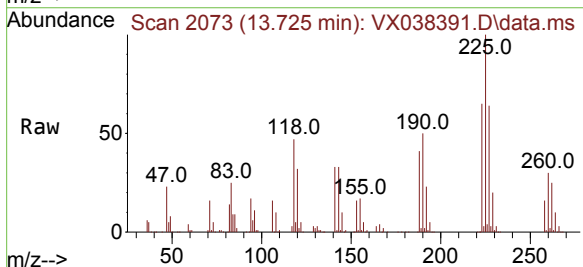
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

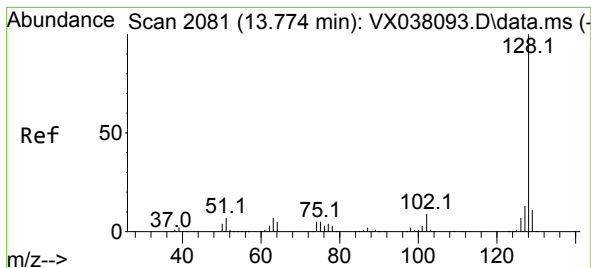
Tgt Ion:180 Resp: 160583
Ion Ratio Lower Upper
180 100
182 94.8 48.3 144.8
145 30.9 18.0 54.0



#94
Hexachlorobutadiene
Concen: 54.609 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038391.D
Acq: 20 Oct 2023 09:39

Tgt Ion:225 Resp: 68105
Ion Ratio Lower Upper
225 100
223 63.6 31.1 93.2
227 62.4 32.5 97.5





#95

Naphthalene

Concen: 49.321 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

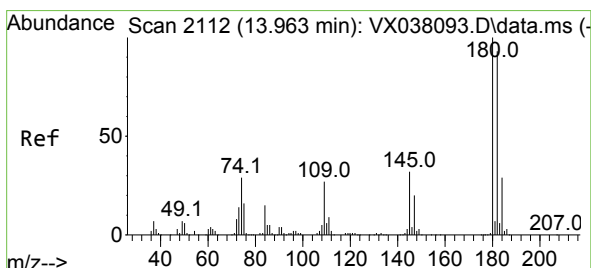
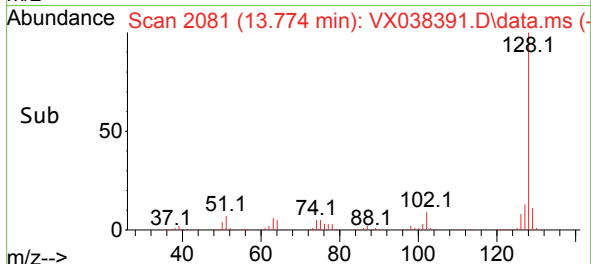
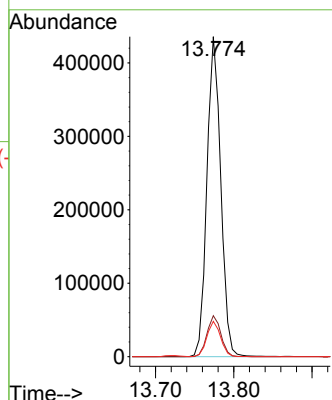
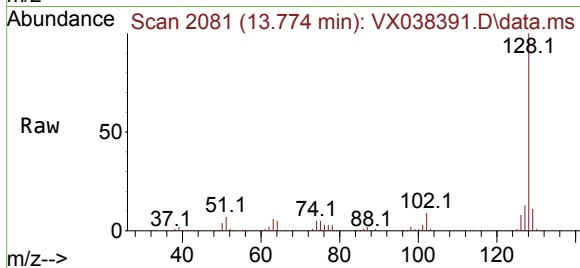
Tgt Ion:128 Resp: 532206

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 51.327 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038391.D

Acq: 20 Oct 2023 09:39

Tgt Ion:180 Resp: 153995

Ion Ratio Lower Upper

180 100

182 96.2 46.9 140.6

145 32.7 17.8 53.5

