

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121323\
 Data File : VX039193.D
 Acq On : 13 Dec 2023 16:55
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Dec 14 01:34:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	125917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	229689	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104362	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115339	50.002	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.000%	
35) Dibromofluoromethane	5.379	113	80548	50.761	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.520%	
50) Toluene-d8	8.647	98	300502	51.010	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	11.079	95	122032	50.206	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.420%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	97453	55.078	ug/l	97
3) Chloromethane	1.294	50	101877	51.937	ug/l	98
4) Vinyl Chloride	1.374	62	95189	52.179	ug/l	99
5) Bromomethane	1.599	94	55776	53.143	ug/l	98
6) Chloroethane	1.684	64	54462	49.540	ug/l	99
7) Trichlorofluoromethane	1.886	101	137241	51.376	ug/l	99
8) Diethyl Ether	2.130	74	46540	50.339	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	84065	51.570	ug/l	97
10) Methyl Iodide	2.453	142	93282	55.362	ug/l	95
11) Tert butyl alcohol	2.953	59	147858	255.256	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	82613	51.019	ug/l	95
13) Acrolein	2.233	56	119915	259.496	ug/l	99
14) Allyl chloride	2.660	41	167978	51.209	ug/l	97
15) Acrylonitrile	3.056	53	296893	256.064	ug/l	99
16) Acetone	2.373	43	326112	243.184	ug/l	95
17) Carbon Disulfide	2.507	76	241843	51.038	ug/l	100
18) Methyl Acetate	2.696	43	249494	50.006	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	297928	50.875	ug/l	98
20) Methylene Chloride	2.788	84	95261	49.540	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	88800	50.398	ug/l	96
22) Diisopropyl ether	3.757	45	305162	51.107	ug/l	87
23) Vinyl Acetate	3.715	43	1181724	265.839	ug/l	99
24) 1,1-Dichloroethane	3.605	63	170464	50.503	ug/l	98
25) 2-Butanone	4.544	43	452887	227.522	ug/l	99
26) 2,2-Dichloropropane	4.471	77	151132	51.288	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	100138	51.491	ug/l	96
28) Bromochloromethane	4.891	49	83464	50.679	ug/l	94
29) Tetrahydrofuran	4.995	42	279220	254.009	ug/l	99
30) Chloroform	5.086	83	171652	50.889	ug/l	99
31) Cyclohexane	5.464	56	153339	51.467	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	151021	51.575	ug/l	99
36) 1,1-Dichloropropene	5.690	75	129050	51.537	ug/l	99
37) Ethyl Acetate	4.702	43	161943	52.348	ug/l	100
38) Carbon Tetrachloride	5.672	117	124004	51.893	ug/l	97
39) Methylcyclohexane	7.379	83	157750	52.447	ug/l	98
40) Benzene	6.031	78	364953	51.523	ug/l	99

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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	84310	51.079	ug/l	95
42) 1,2-Dichloroethane	6.080	62	148092	51.650	ug/l	99
43) Isopropyl Acetate	6.336	43	257873	51.260	ug/l	100
44) Trichloroethene	7.123	130	90116	50.416	ug/l	93
45) 1,2-Dichloropropane	7.427	63	96809	50.925	ug/l	97
46) Dibromomethane	7.574	93	68104	50.964	ug/l	96
47) Bromodichloromethane	7.818	83	135835	53.163	ug/l	97
48) Methyl methacrylate	7.689	41	154602	52.568	ug/l	96
49) 1,4-Dioxane	7.653	88	44541	1123.545	ug/l #	98
51) 4-Methyl-2-Pentanone	8.567	43	827684	258.227	ug/l	99
52) Toluene	8.714	92	220529	51.583	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	151611	53.896	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	158613	52.404	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	90989	50.980	ug/l	94
56) Ethyl methacrylate	9.116	69	118147	54.225	ug/l	96
57) 1,3-Dichloropropane	9.305	76	157403	51.013	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	327355	255.868	ug/l	95
59) 2-Hexanone	9.427	43	670085	242.235	ug/l	100
60) Dibromochloromethane	9.518	129	95620	52.974	ug/l	99
61) 1,2-Dibromoethane	9.610	107	98446	51.669	ug/l	99
64) Tetrachloroethene	9.268	164	69431	50.791	ug/l	94
65) Chlorobenzene	10.079	112	229190	50.195	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	84631	52.473	ug/l	98
67) Ethyl Benzene	10.189	91	440080	51.778	ug/l	96
68) m/p-Xylenes	10.299	106	317597	104.218	ug/l	94
69) o-Xylene	10.640	106	153077	51.953	ug/l	92
70) Styrene	10.652	104	226061	52.481	ug/l	94
71) Bromoform	10.799	173	64424	53.739	ug/l #	100
73) Isopropylbenzene	10.963	105	417642	51.868	ug/l	99
74) N-amyl acetate	10.841	43	221538	54.379	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	153427	51.221	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	181958	67.391	ug/l	89
77) Bromobenzene	11.195	156	91747	51.527	ug/l	91
78) n-propylbenzene	11.305	91	514748	51.886	ug/l	97
79) 2-Chlorotoluene	11.360	91	303569	50.588	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	356265	51.938	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	49929	52.166	ug/l	94
82) 4-Chlorotoluene	11.451	91	363380	51.556	ug/l	95
83) tert-Butylbenzene	11.713	119	336727	51.581	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	366983	52.170	ug/l	98
85) sec-Butylbenzene	11.890	105	433193	52.148	ug/l	97
86) p-Isopropyltoluene	12.006	119	365224	52.388	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	177805	50.829	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	178883	49.114	ug/l	98
89) n-Butylbenzene	12.329	91	367571	53.635	ug/l	96
90) Hexachloroethane	12.536	117	68089	54.068	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	169014	50.497	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	42127	53.396	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	113907	51.973	ug/l	98
94) Hexachlorobutadiene	13.725	225	42808	51.830	ug/l	99
95) Naphthalene	13.774	128	402197	52.695	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	110297	52.132	ug/l	99

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ClientSampleId :
VSTDCCC050EC

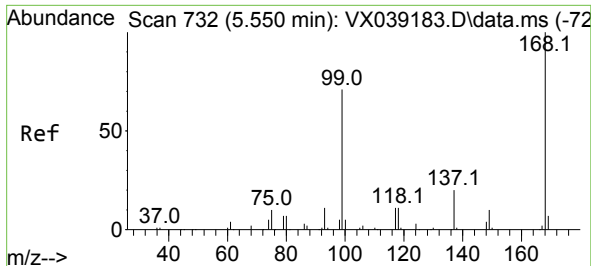
Quant Time: Dec 14 01:34:40 2023
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QLast Update : Thu Dec 14 01:28:15 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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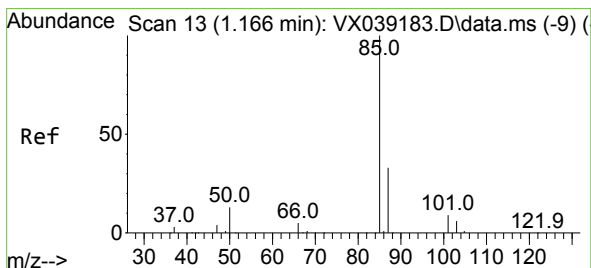
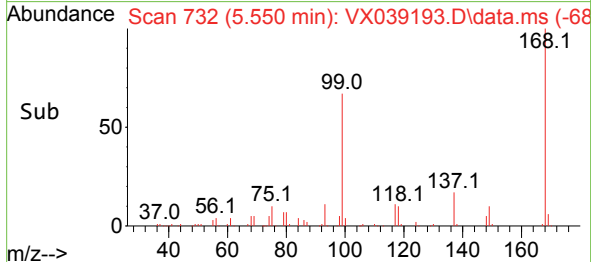
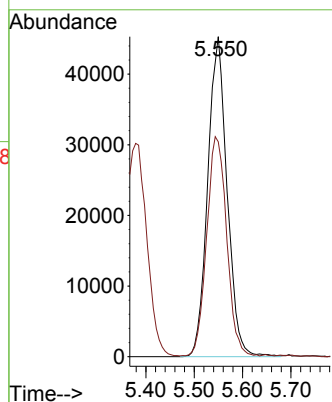
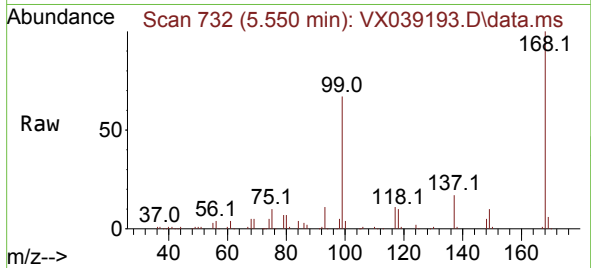




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

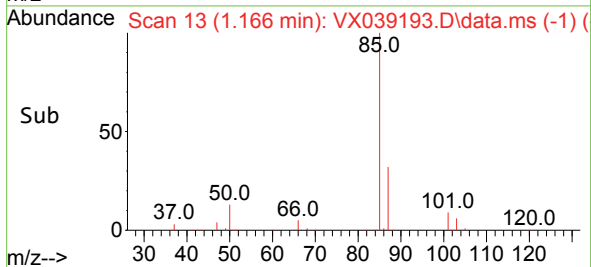
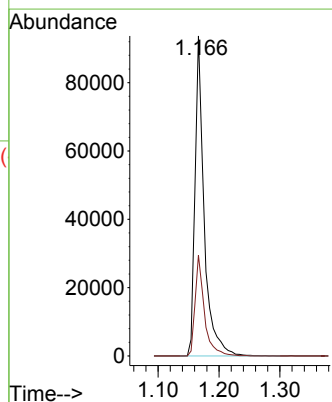
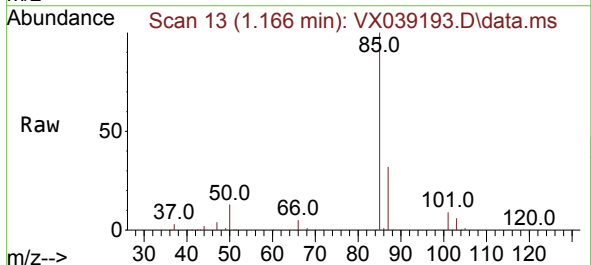
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

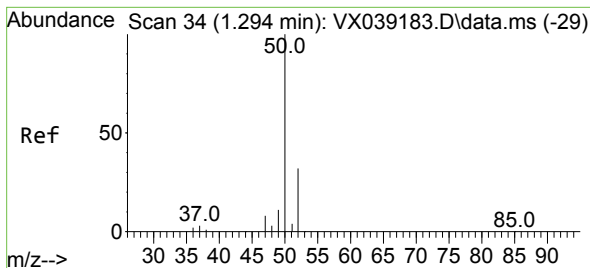
Tgt Ion:168 Resp: 125917
Ion Ratio Lower Upper
168 100
99 66.9 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 55.078 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 85 Resp: 97453
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1





#3

Chloromethane

Concen: 51.937 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

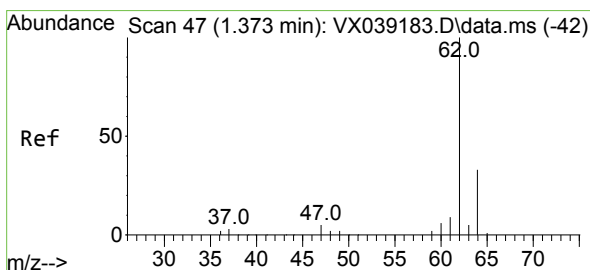
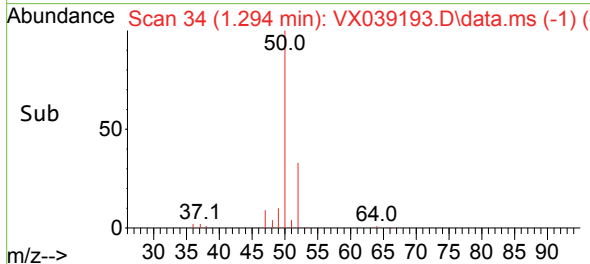
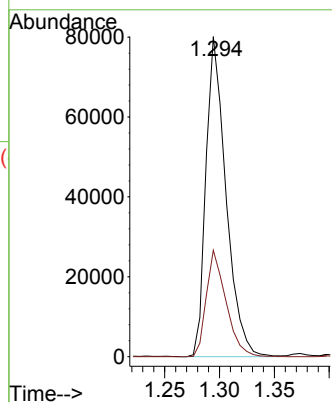
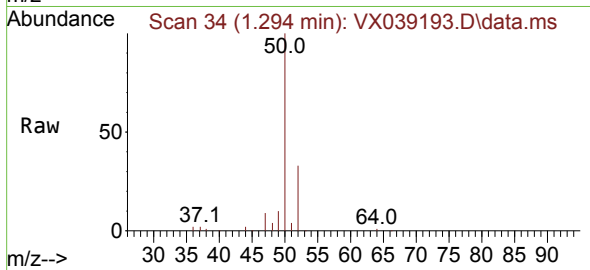
VSTDCCC050EC

Tgt Ion: 50 Resp: 101877

Ion Ratio Lower Upper

50 100

52 33.3 25.5 38.3



#4

Vinyl Chloride

Concen: 52.179 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX039193.D

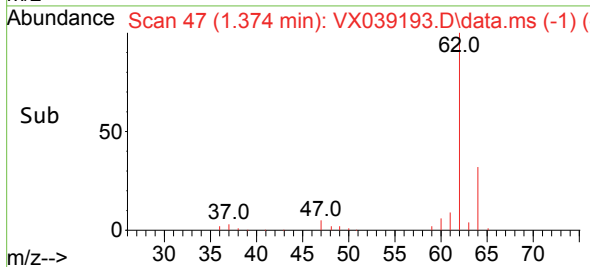
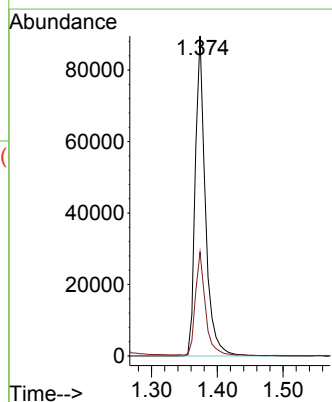
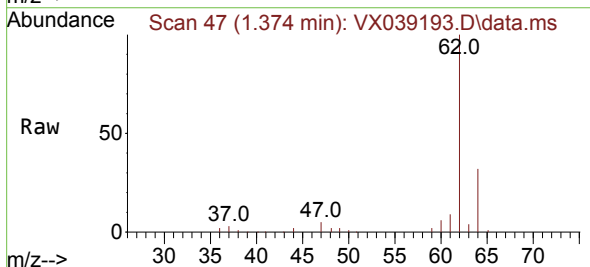
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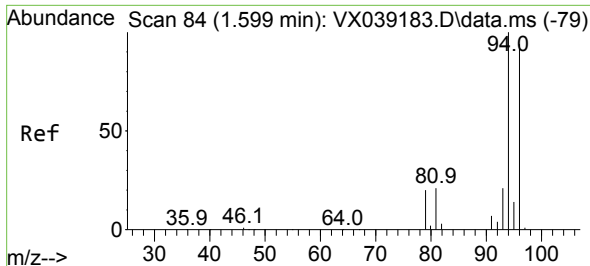
Tgt Ion: 62 Resp: 95189

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0

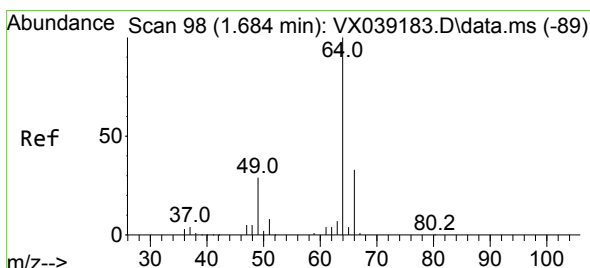
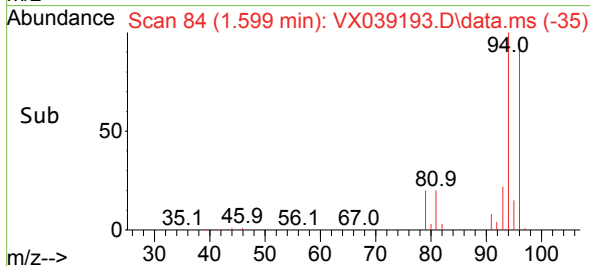
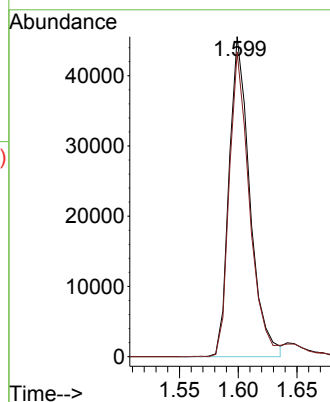
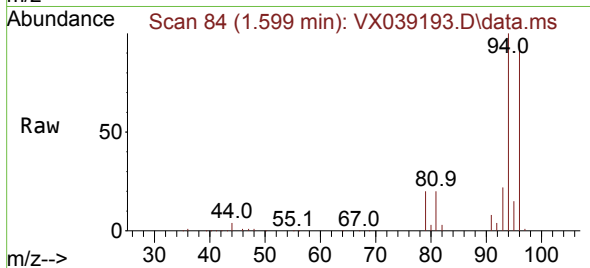




#5
 Bromomethane
 Concen: 53.143 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX039193.D
 Acq: 13 Dec 2023 16:55

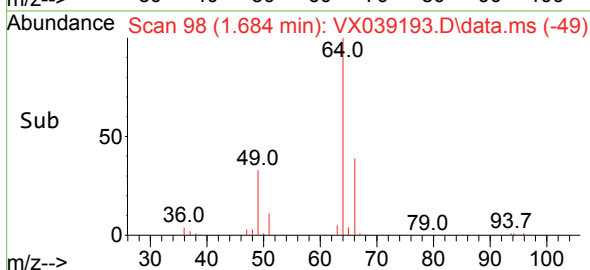
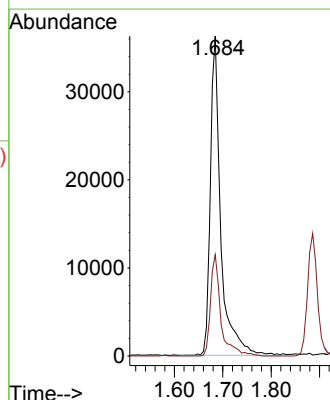
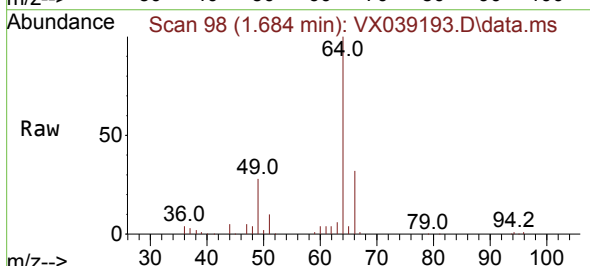
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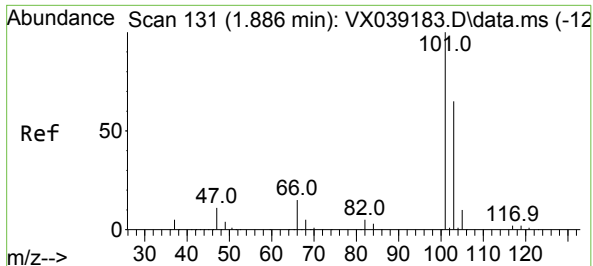
Tgt Ion: 94 Resp: 55776
 Ion Ratio Lower Upper
 94 100
 96 95.3 74.6 111.8



#6
 Chloroethane
 Concen: 49.540 ug/l
 RT: 1.684 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: VX039193.D
 Acq: 13 Dec 2023 16:55

Tgt Ion: 64 Resp: 54462
 Ion Ratio Lower Upper
 64 100
 66 31.7 25.1 37.7

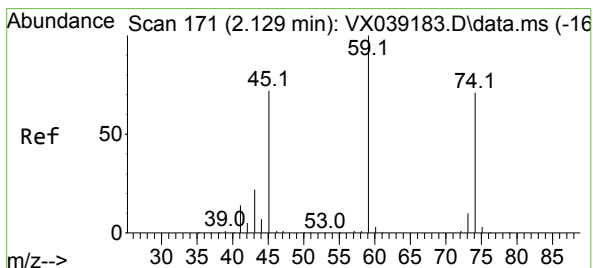
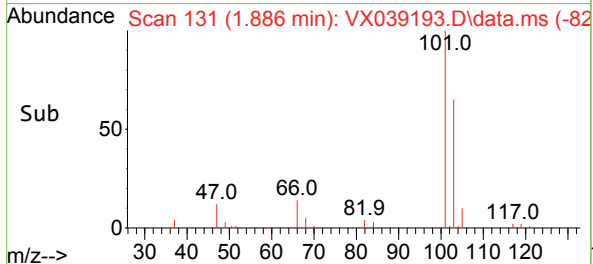
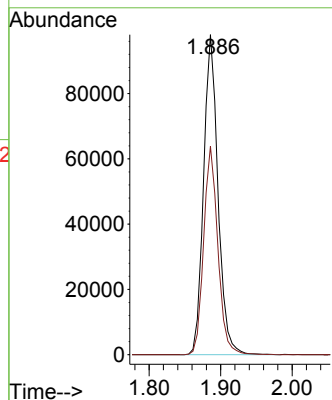
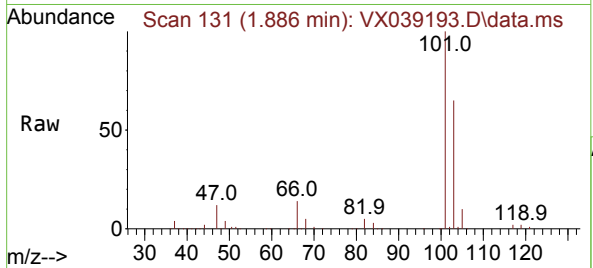




#7
 Trichlorofluoromethane
 Concen: 51.376 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX039193.D
 Acq: 13 Dec 2023 16:55

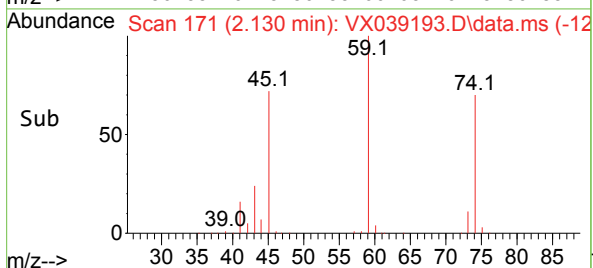
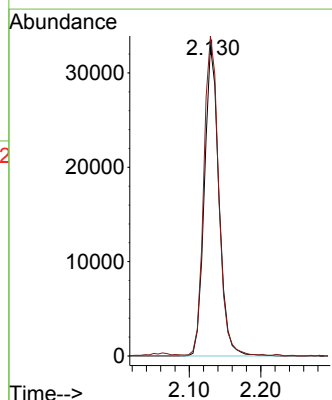
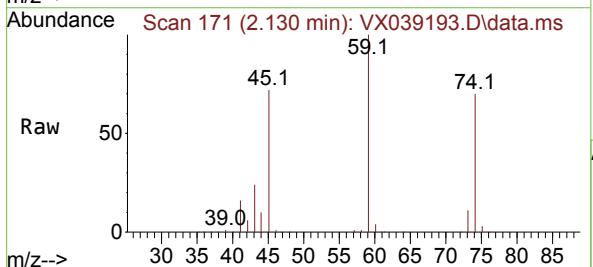
Instrument :
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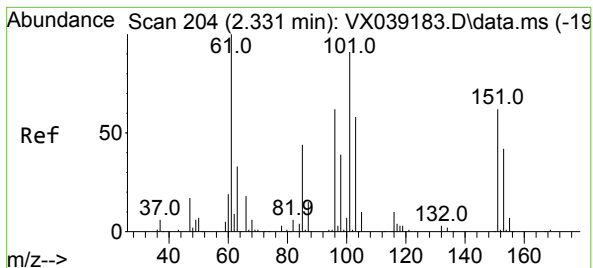
Tgt Ion:101 Resp: 137241
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.4 77.2



#8
 Diethyl Ether
 Concen: 50.339 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX039193.D
 Acq: 13 Dec 2023 16:55

Tgt Ion: 74 Resp: 46540
 Ion Ratio Lower Upper
 74 100
 45 105.0 53.3 159.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.570 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

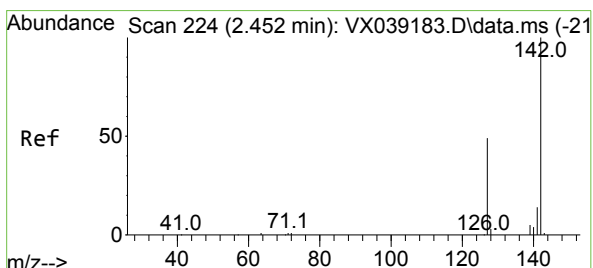
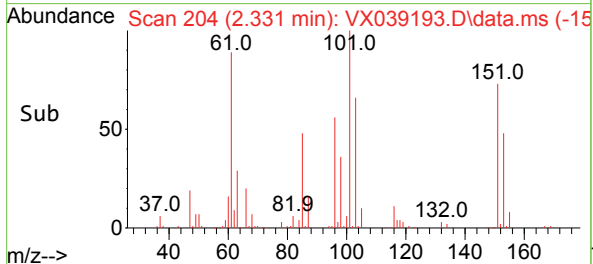
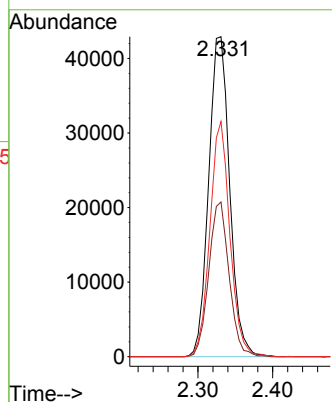
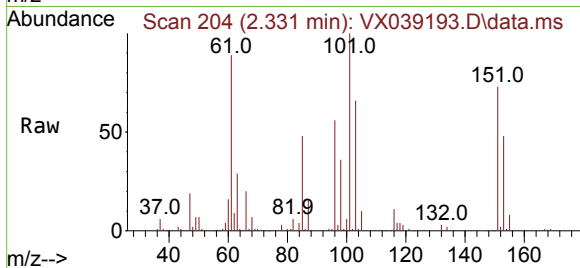
Tgt Ion:101 Resp: 84065

Ion Ratio Lower Upper

101 100

85 46.8 37.0 55.6

151 70.1 58.6 87.8



#10

Methyl Iodide

Concen: 55.362 ug/l

RT: 2.453 min Scan# 224

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

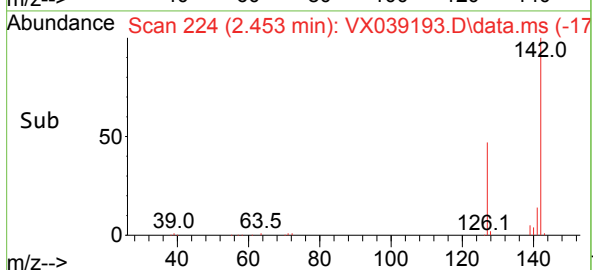
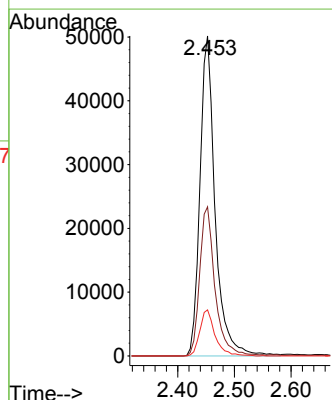
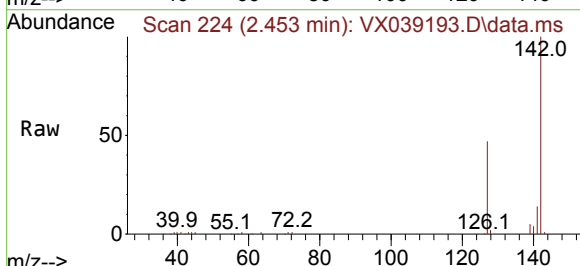
Tgt Ion:142 Resp: 93282

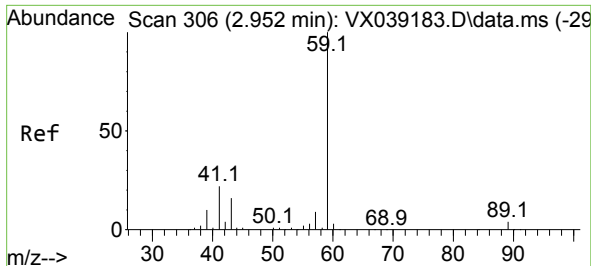
Ion Ratio Lower Upper

142 100

127 47.4 41.6 62.4

141 14.5 11.6 17.4

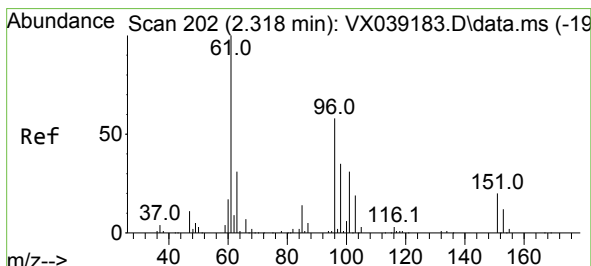
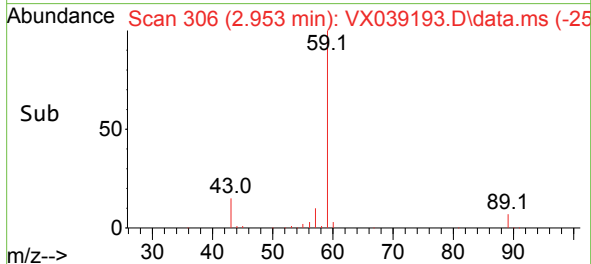
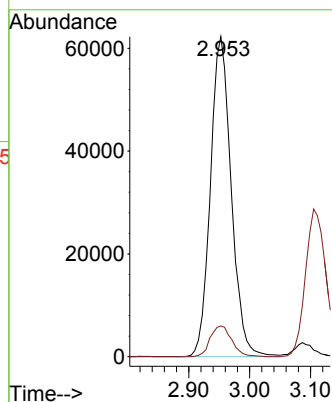
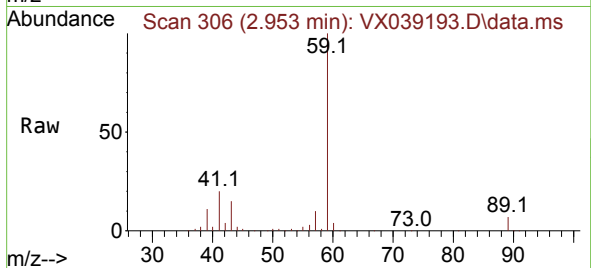




#11
Tert butyl alcohol
Concen: 255.256 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

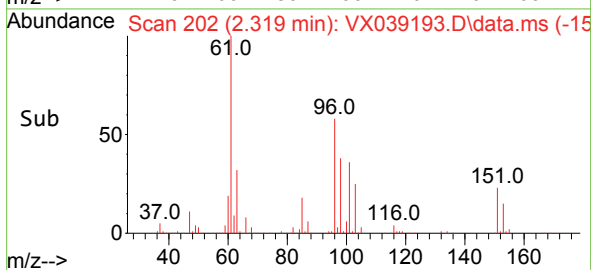
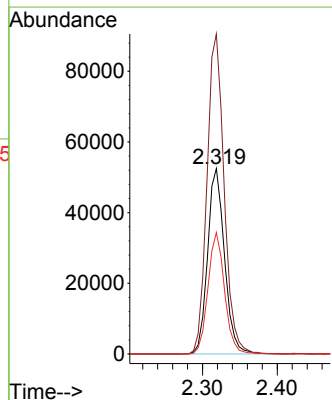
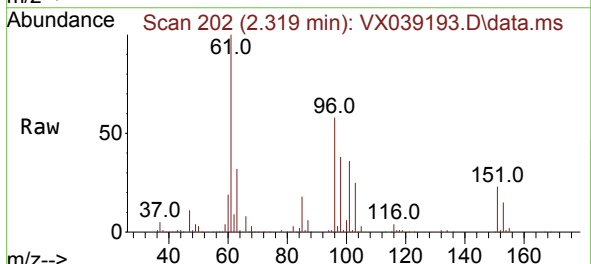
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

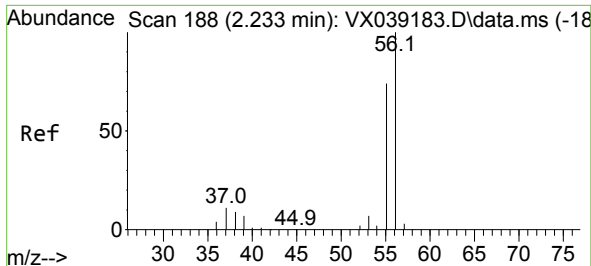
Tgt Ion: 59 Resp: 147858
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 51.019 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 96 Resp: 82613
Ion Ratio Lower Upper
96 100
61 172.5 144.6 216.8
98 65.5 50.4 75.6





#13

Acrolein

Concen: 259.496 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

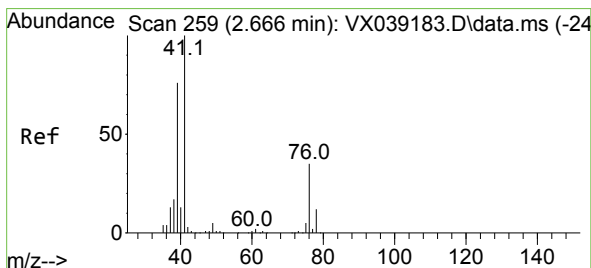
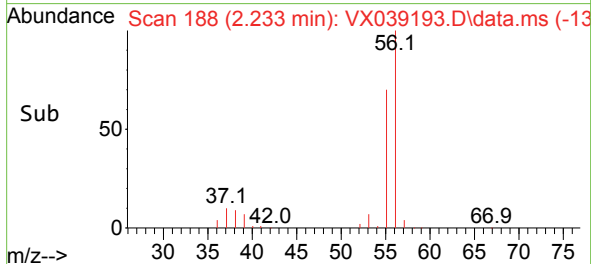
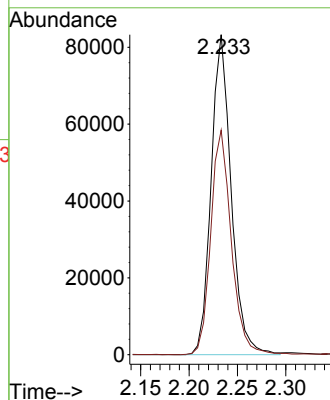
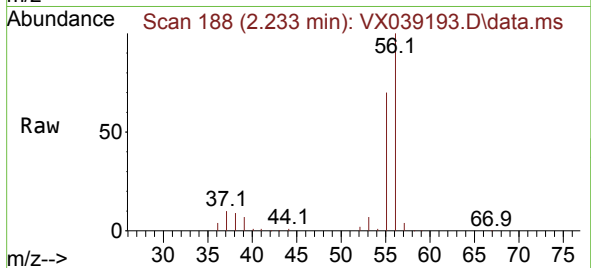
VSTDCCC050EC

Tgt Ion: 56 Resp: 119915

Ion Ratio Lower Upper

56 100

55 72.2 57.1 85.7



#14

Allyl chloride

Concen: 51.209 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

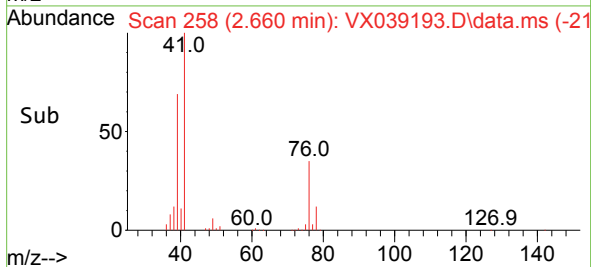
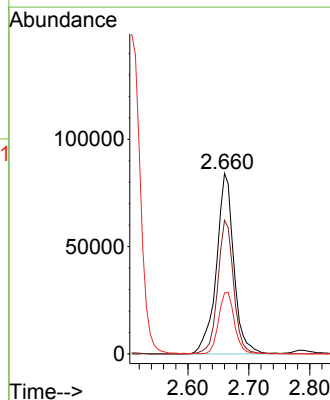
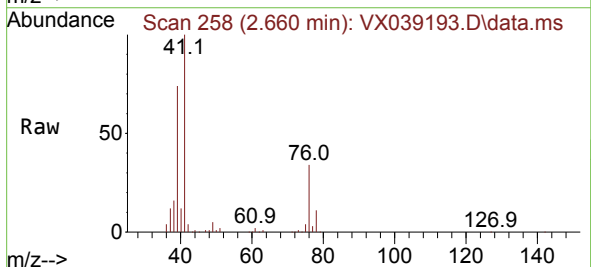
Tgt Ion: 41 Resp: 167978

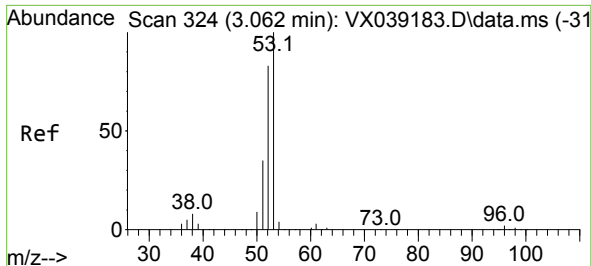
Ion Ratio Lower Upper

41 100

39 66.7 55.8 83.6

76 30.8 24.3 36.5

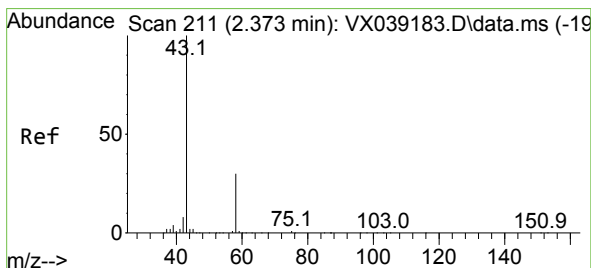
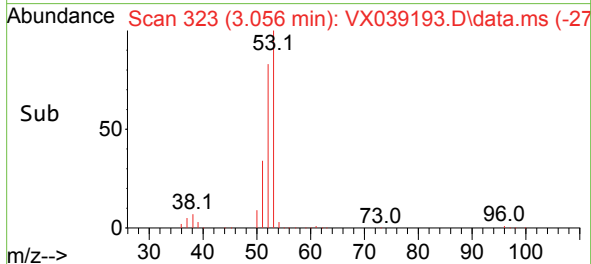
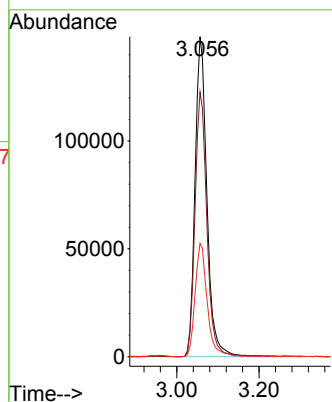
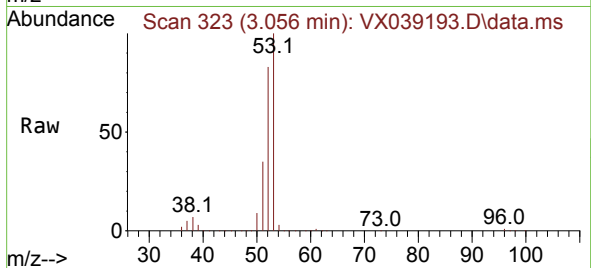




#15
Acrylonitrile
Concen: 256.064 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

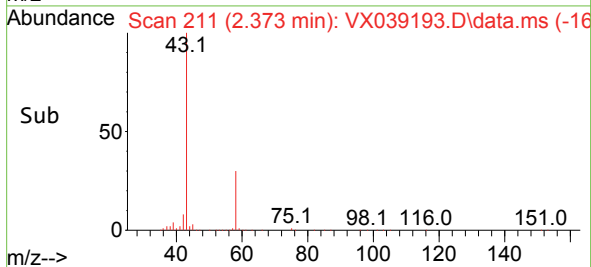
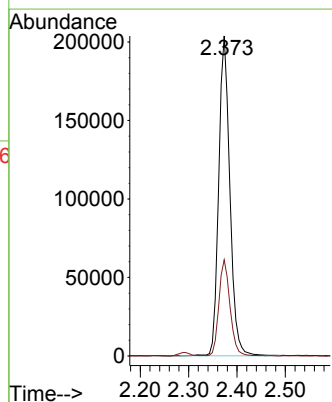
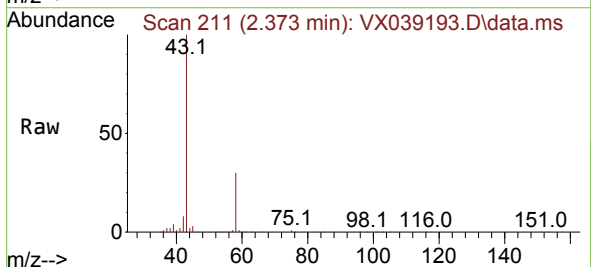
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

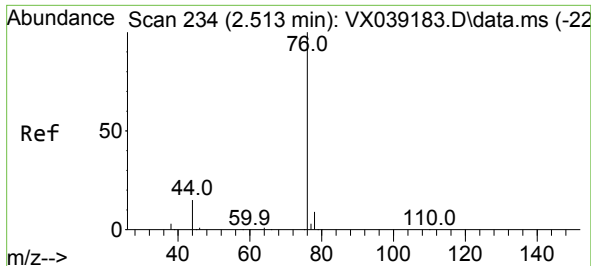
Tgt Ion: 53 Resp: 296893
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 36.2 29.8 44.6



#16
Acetone
Concen: 243.184 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 43 Resp: 326112
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9

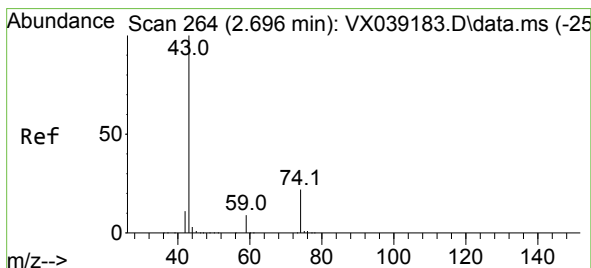
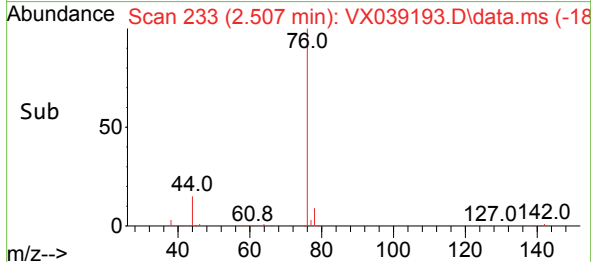
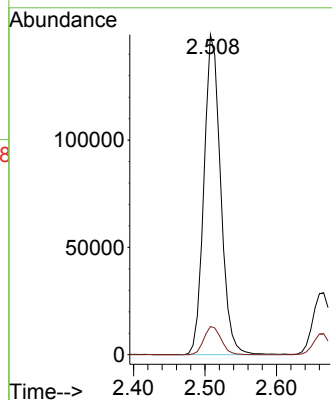
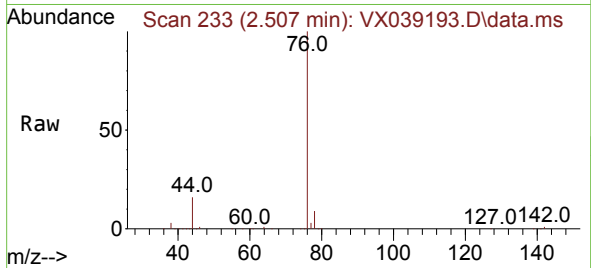




#17
Carbon Disulfide
Concen: 51.038 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

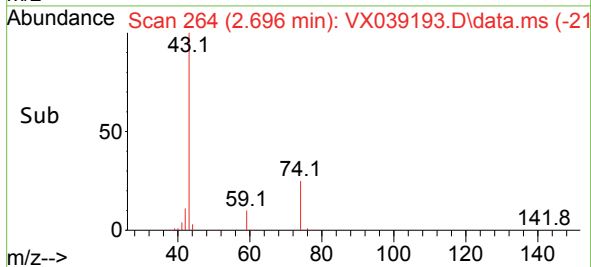
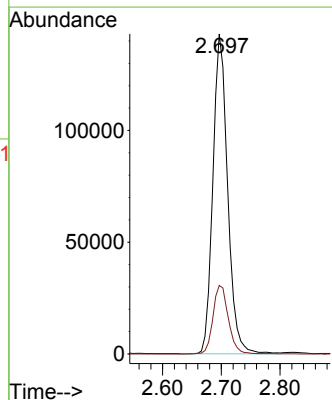
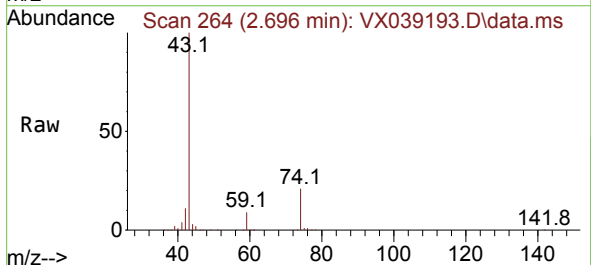
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

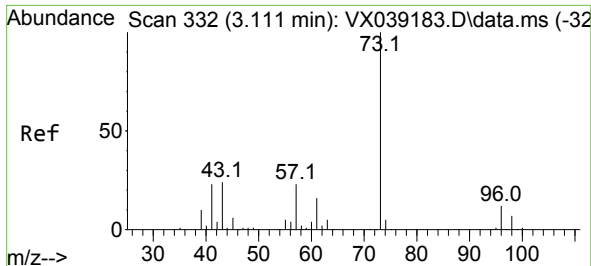
Tgt Ion: 76 Resp: 241843
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 50.006 ug/l
RT: 2.696 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 43 Resp: 249494
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.8

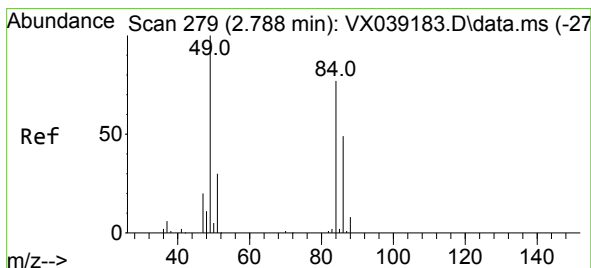
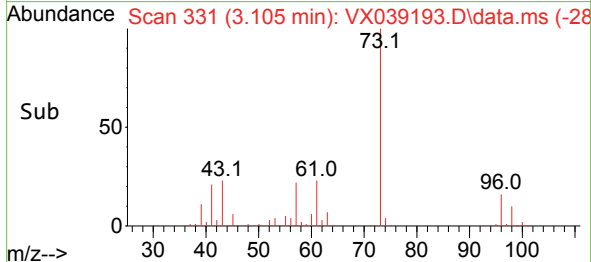
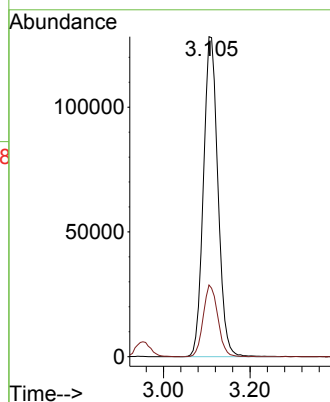
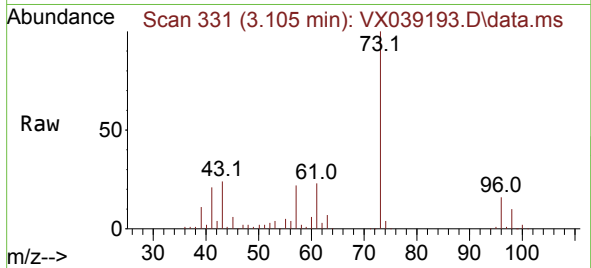




#19
Methyl tert-butyl Ether
Concen: 50.875 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

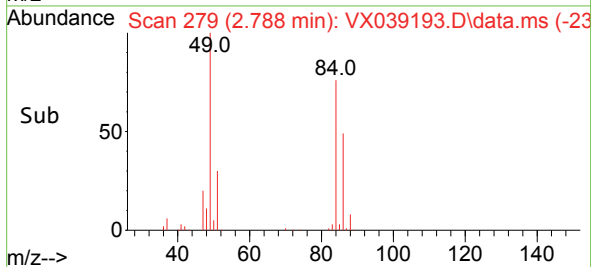
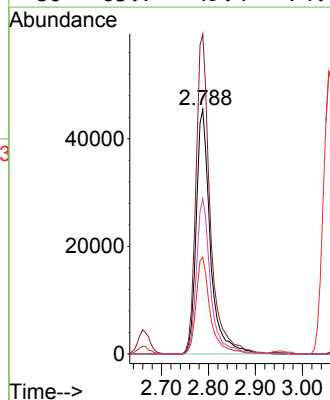
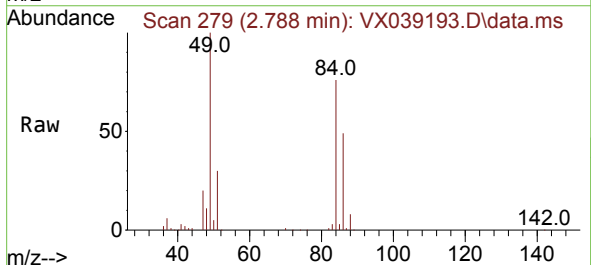
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

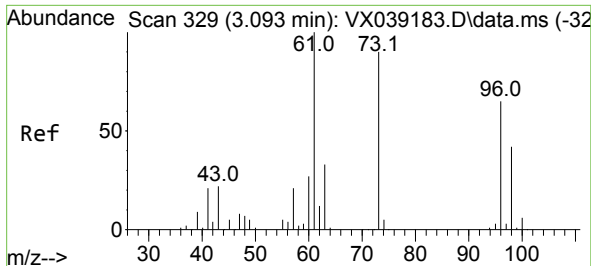
Tgt Ion: 73 Resp: 297928
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 49.540 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 84 Resp: 95261
Ion Ratio Lower Upper
84 100
49 131.0 103.6 155.4
51 39.5 33.8 50.6
86 63.7 49.4 74.0

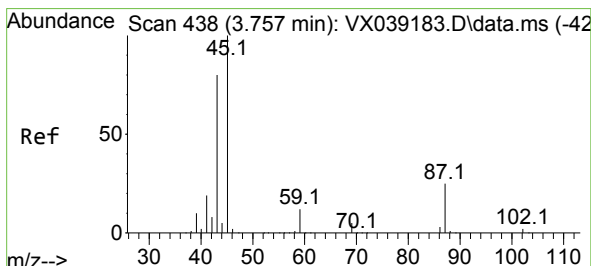
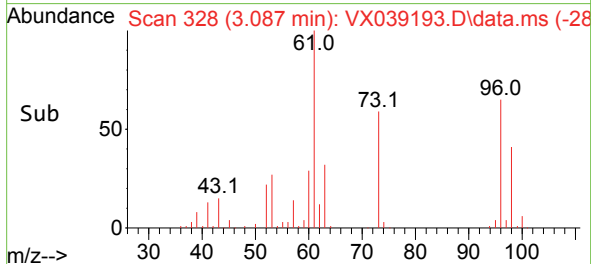
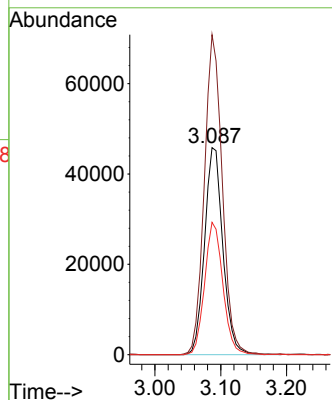
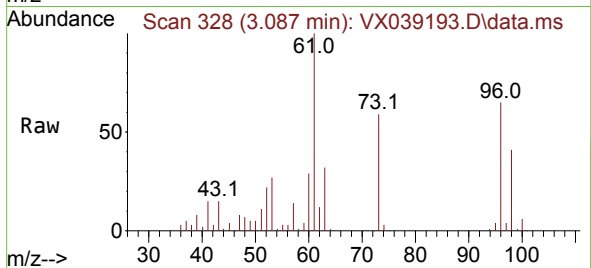




#21
trans-1,2-Dichloroethene
Concen: 50.398 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

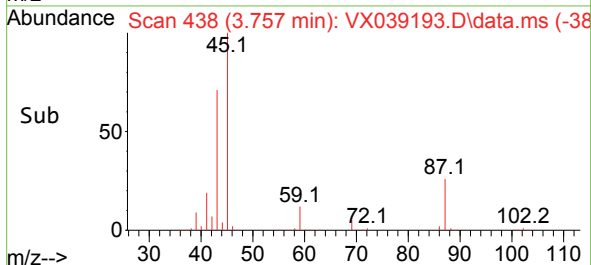
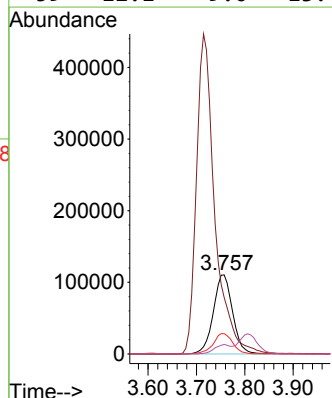
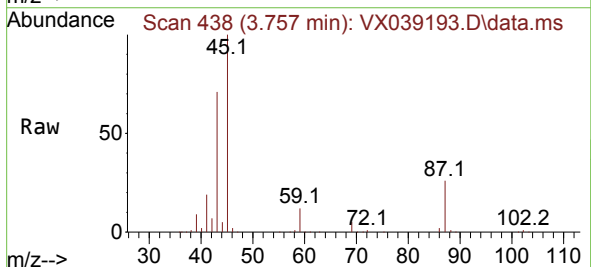
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

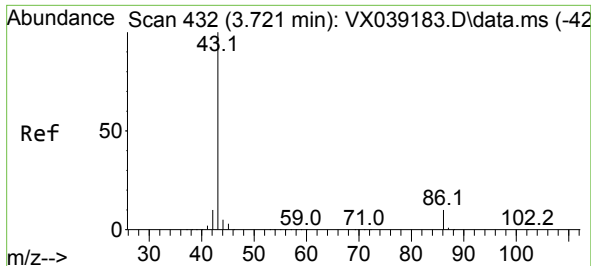
Tgt Ion: 96 Resp: 88800
Ion Ratio Lower Upper
96 100
61 154.5 119.2 178.8
98 63.9 48.7 73.1



#22
Diisopropyl ether
Concen: 51.107 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 45 Resp: 305162
Ion Ratio Lower Upper
45 100
43 71.0 69.7 104.5
87 25.7 20.8 31.2
59 12.1 9.0 13.4

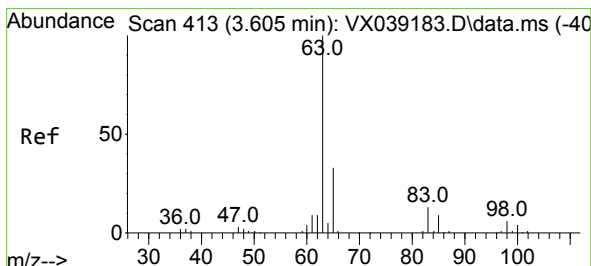
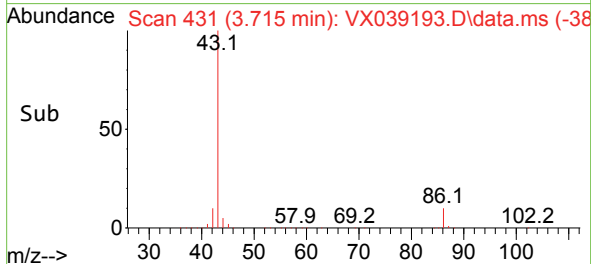
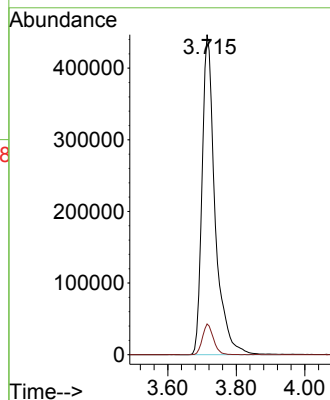
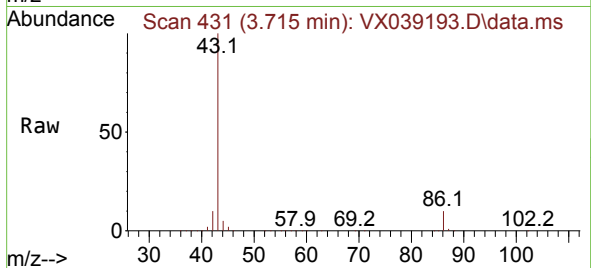




#23
 Vinyl Acetate
 Concen: 265.839 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX039193.D
 Acq: 13 Dec 2023 16:55

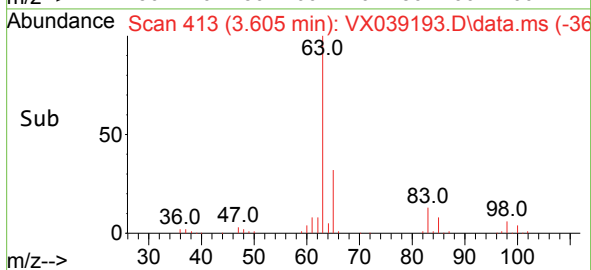
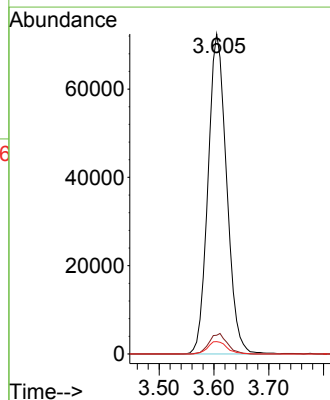
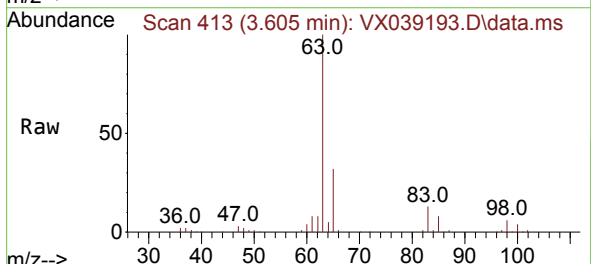
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

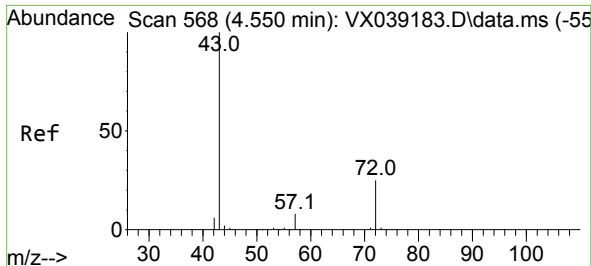
Tgt Ion: 43 Resp: 1181724
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 50.503 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039193.D
 Acq: 13 Dec 2023 16:55

Tgt Ion: 63 Resp: 170464
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.8
 100 3.9 2.1 6.5

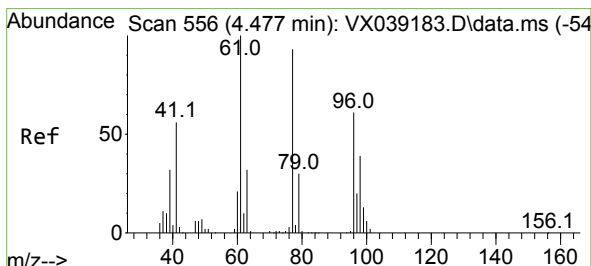
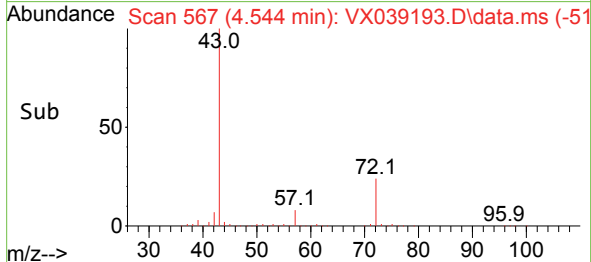
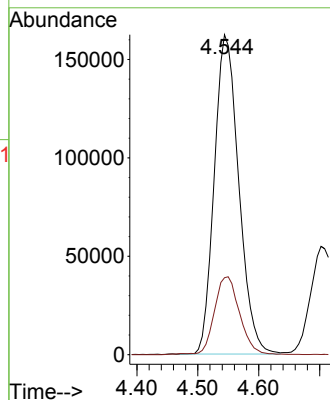
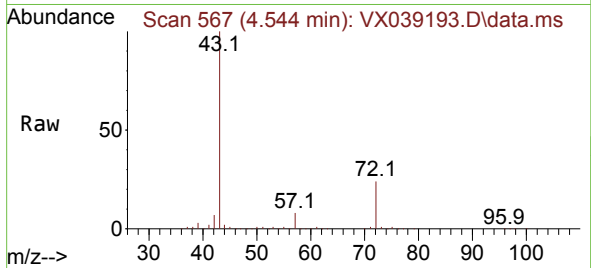




#25
2-Butanone
Concen: 227.522 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

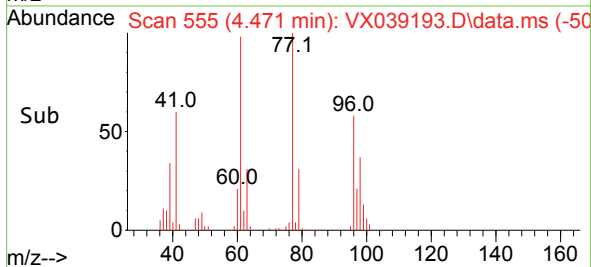
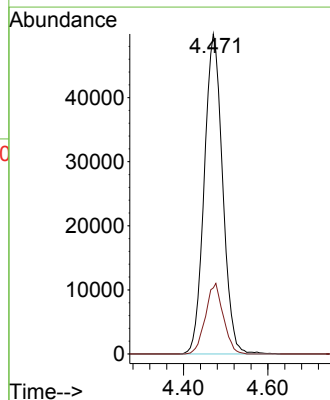
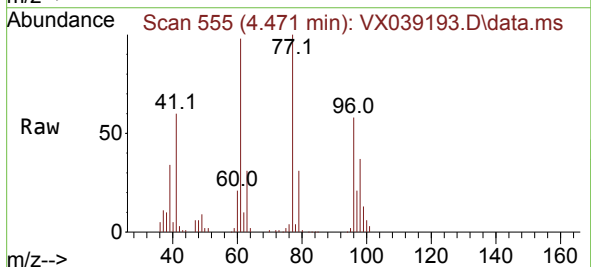
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 452887
Ion Ratio Lower Upper
43 100
72 23.9 19.4 29.2



#26
2,2-Dichloropropane
Concen: 51.288 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 77 Resp: 151132
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.491 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

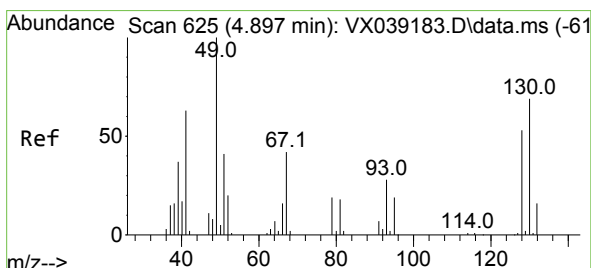
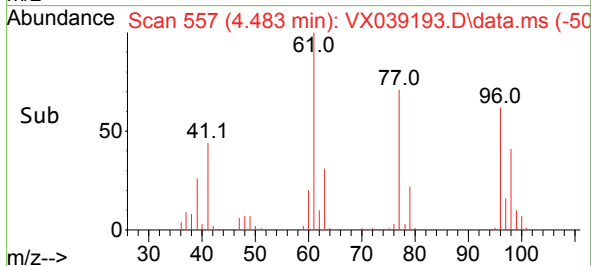
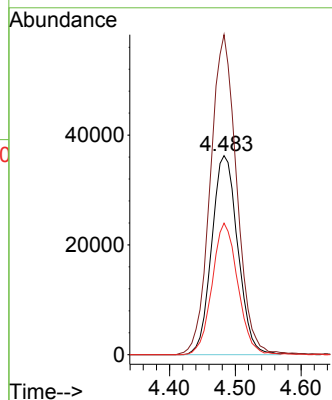
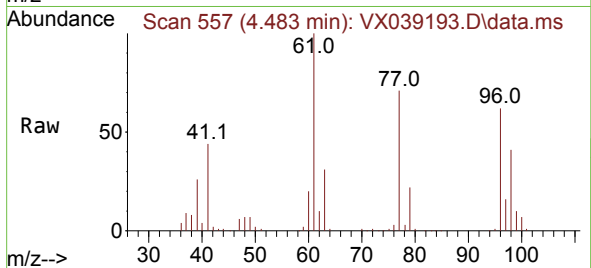
Tgt Ion: 96 Resp: 100138

Ion Ratio Lower Upper

96 100

61 162.9 0.0 312.2

98 65.2 0.0 129.0



#28

Bromochloromethane

Concen: 50.679 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

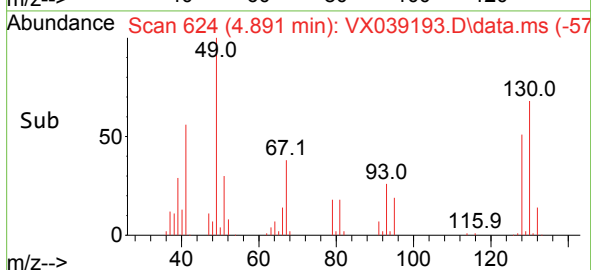
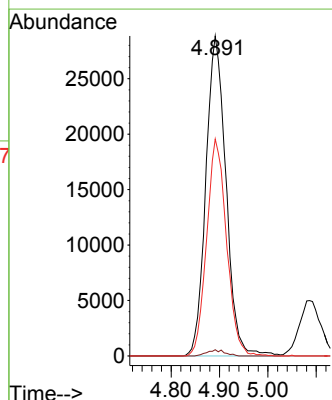
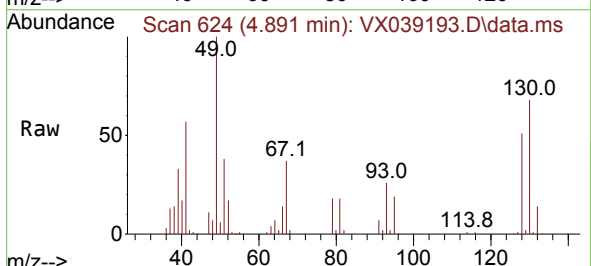
Tgt Ion: 49 Resp: 83464

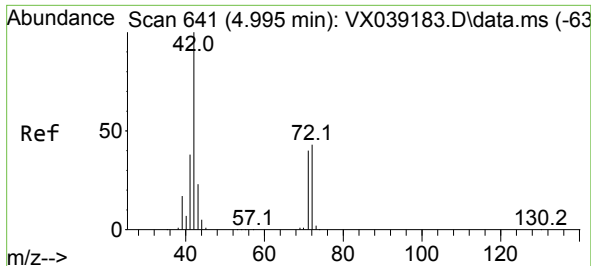
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 66.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 254.009 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

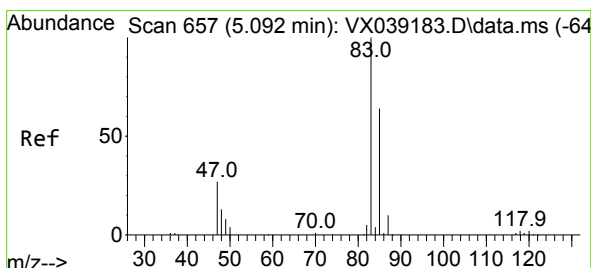
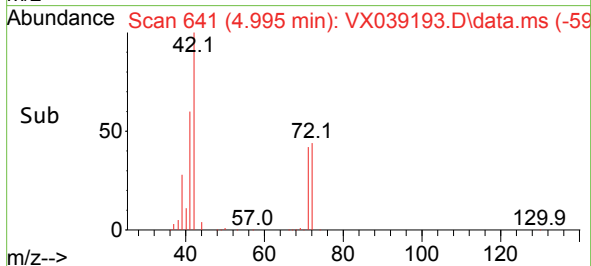
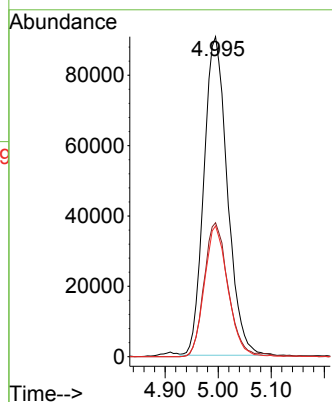
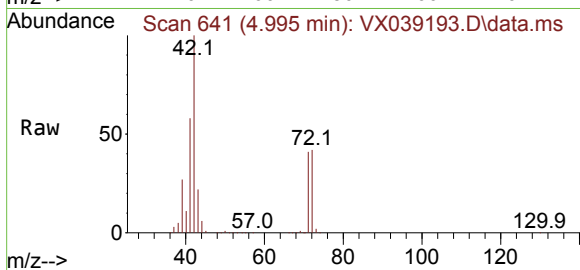
Tgt Ion: 42 Resp: 279220

Ion Ratio Lower Upper

42 100

72 43.3 34.2 51.4

71 41.0 32.2 48.2



#30

Chloroform

Concen: 50.889 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX039193.D

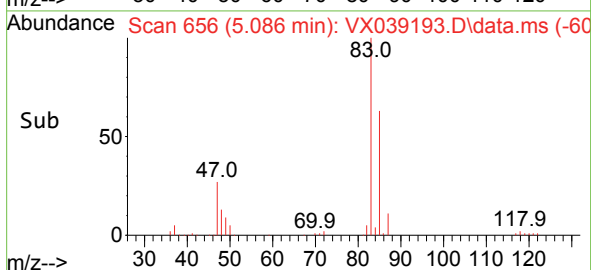
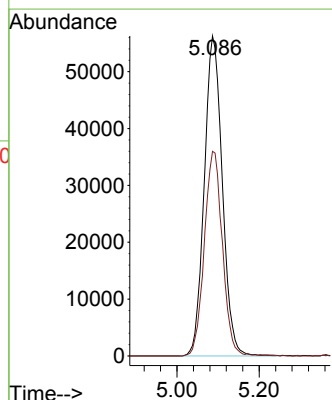
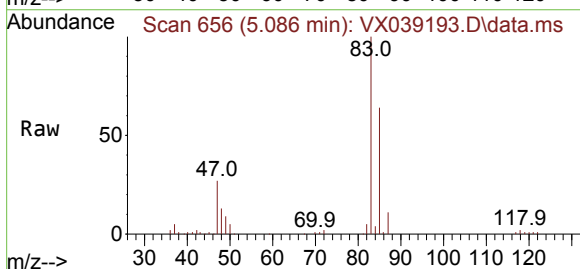
Acq: 13 Dec 2023 16:55

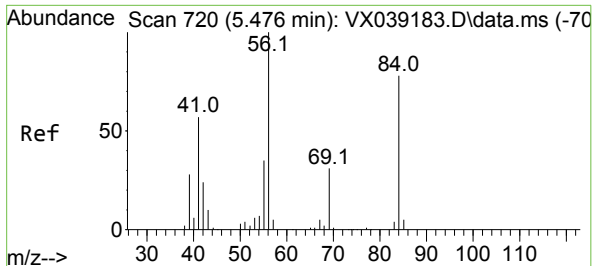
Tgt Ion: 83 Resp: 171652

Ion Ratio Lower Upper

83 100

85 64.0 50.3 75.5

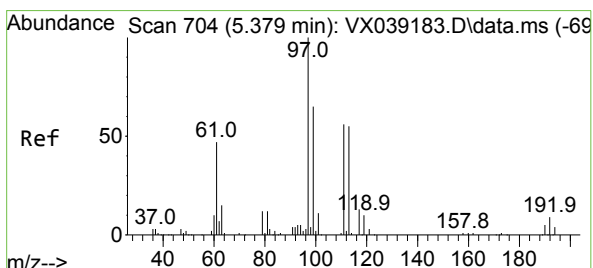
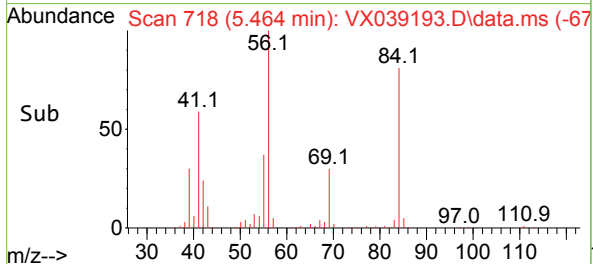
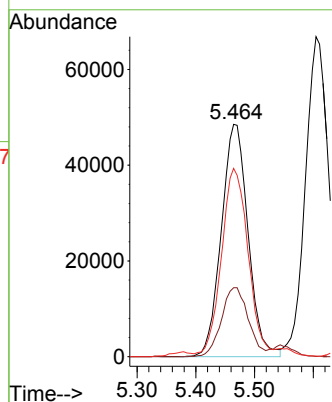
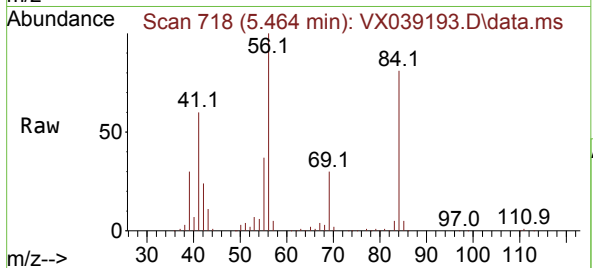




#31
Cyclohexane
Concen: 51.467 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

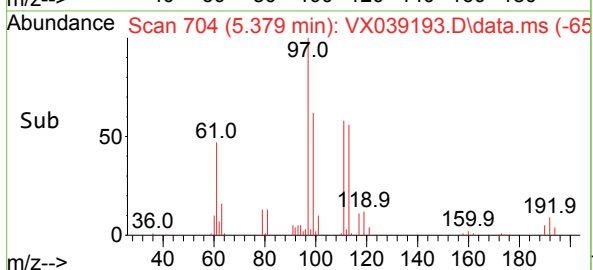
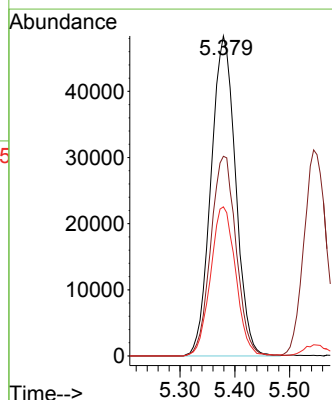
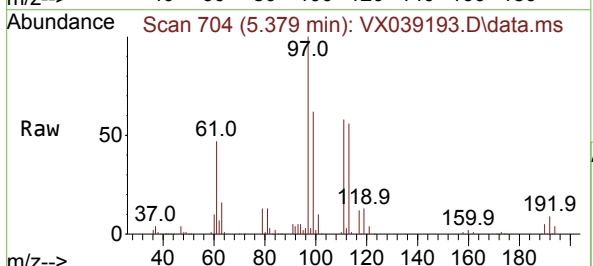
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

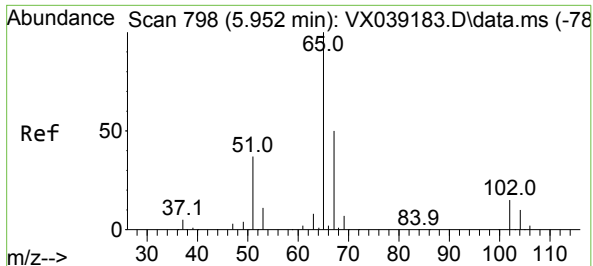
Tgt Ion: 56 Resp: 153339
Ion Ratio Lower Upper
56 100
69 29.7 23.4 35.2
84 79.2 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 51.575 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 97 Resp: 151021
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 47.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.002 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

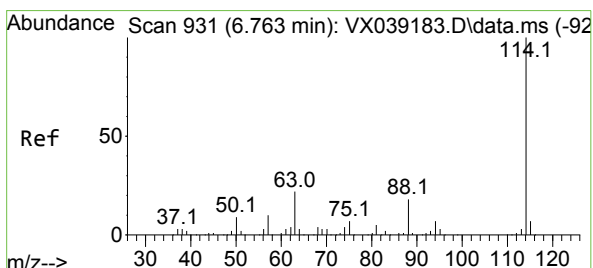
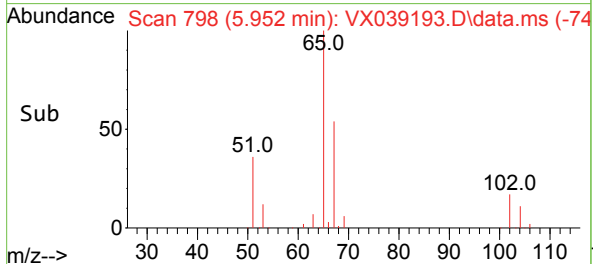
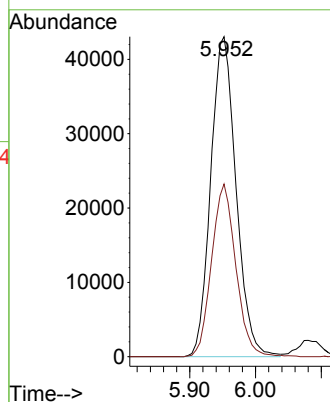
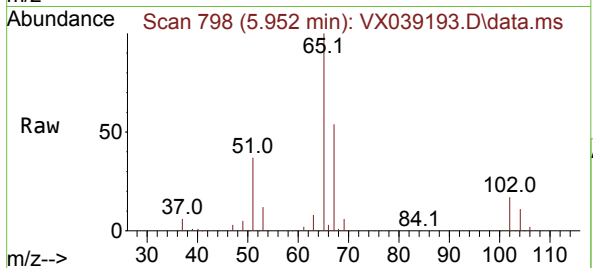
VSTDCCC050EC

Tgt Ion: 65 Resp: 115339

Ion Ratio Lower Upper

65 100

67 51.7 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: VX039193.D

Acq: 13 Dec 2023 16:55

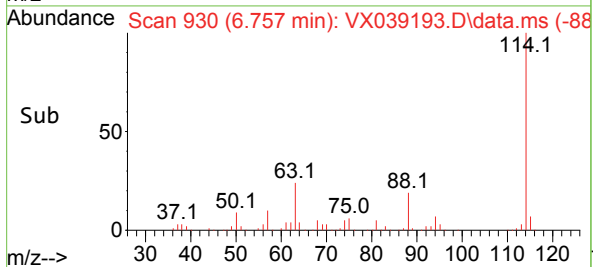
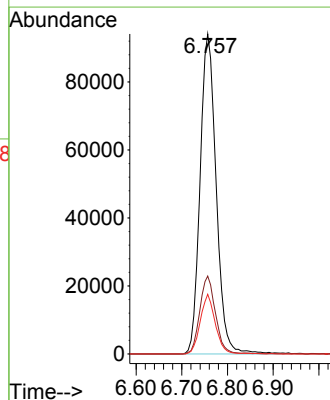
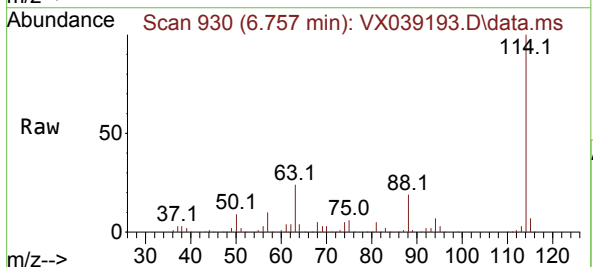
Tgt Ion: 114 Resp: 229689

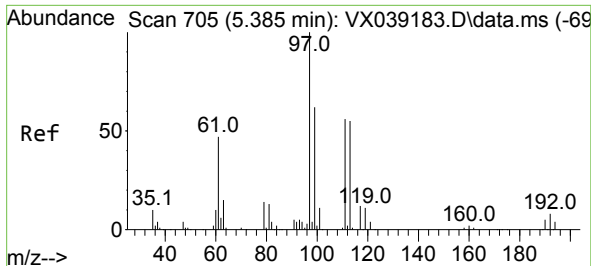
Ion Ratio Lower Upper

114 100

63 24.3 0.0 45.0

88 18.6 0.0 36.6

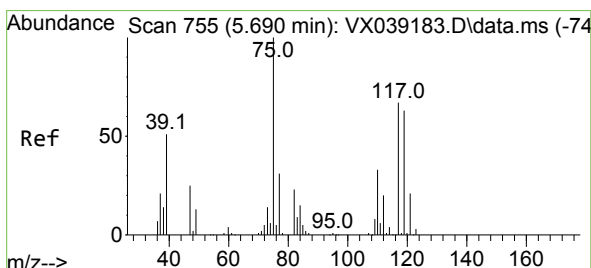
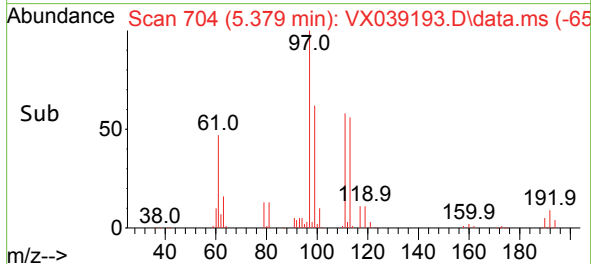
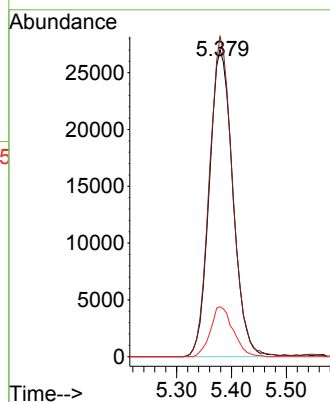
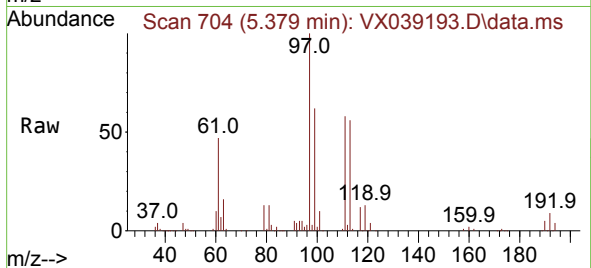




#35
Dibromofluoromethane
Concen: 50.761 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

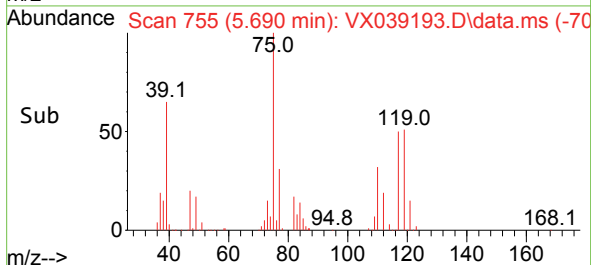
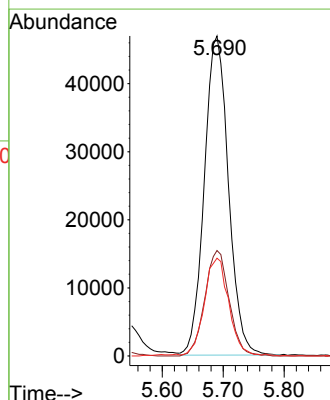
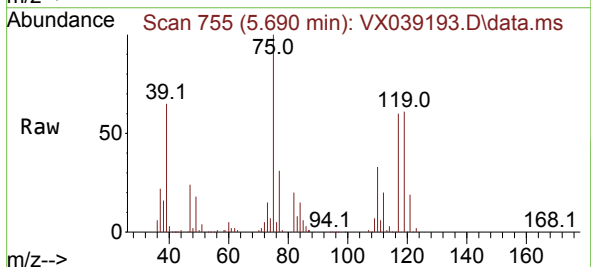
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 80548
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 15.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 51.537 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 75 Resp: 129050
Ion Ratio Lower Upper
75 100
110 33.3 17.0 50.9
77 30.4 24.7 37.1





#37

Ethyl Acetate

Concen: 52.348 ug/l

RT: 4.702 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

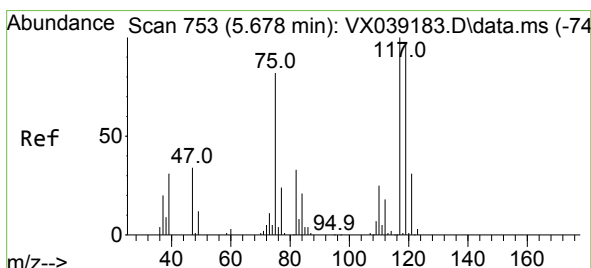
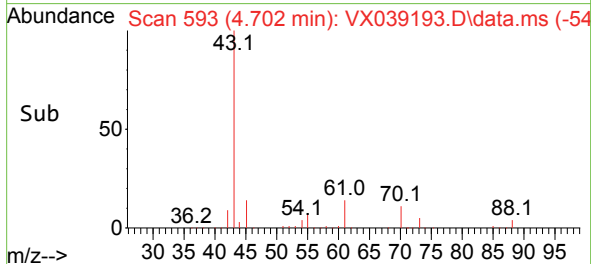
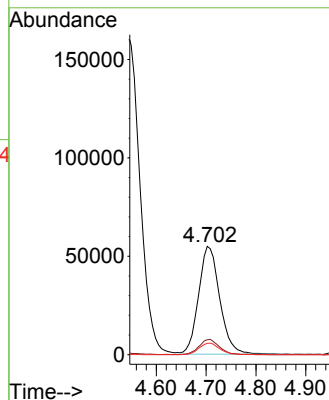
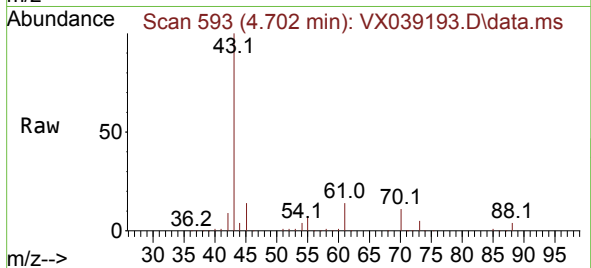
Tgt Ion: 43 Resp: 161943

Ion Ratio Lower Upper

43 100

61 13.3 10.6 16.0

70 10.5 8.3 12.5



#38

Carbon Tetrachloride

Concen: 51.893 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

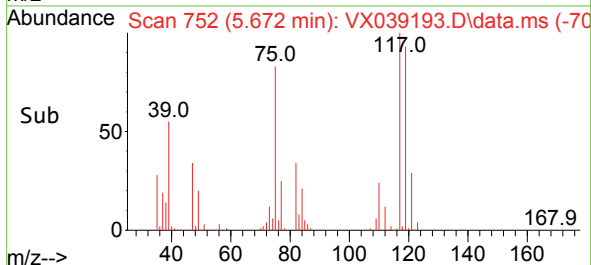
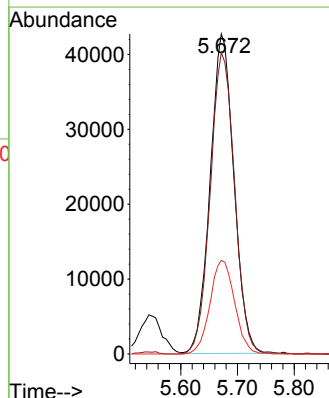
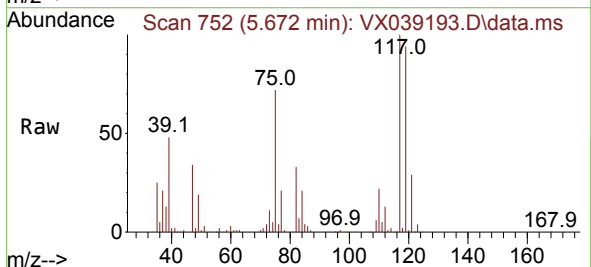
Tgt Ion: 117 Resp: 124004

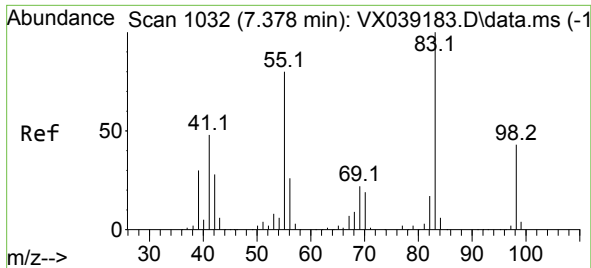
Ion Ratio Lower Upper

117 100

119 94.5 78.2 117.2

121 29.3 24.4 36.6

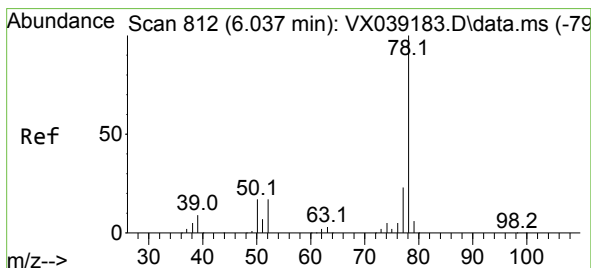
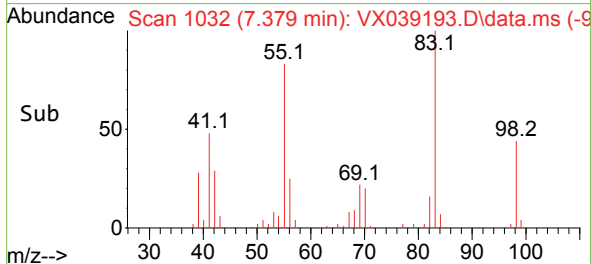
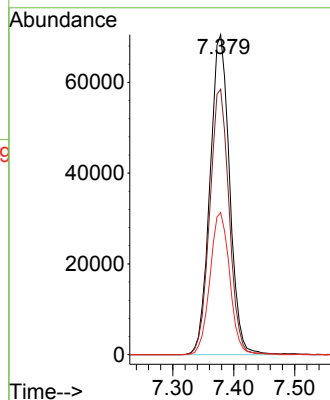
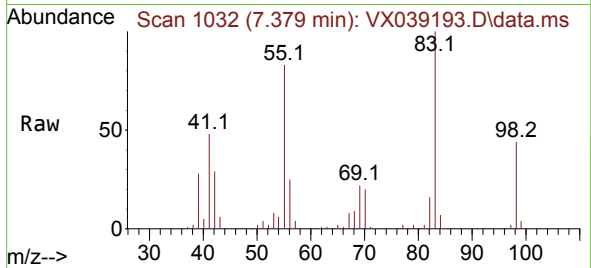




#39
Methylcyclohexane
Concen: 52.447 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

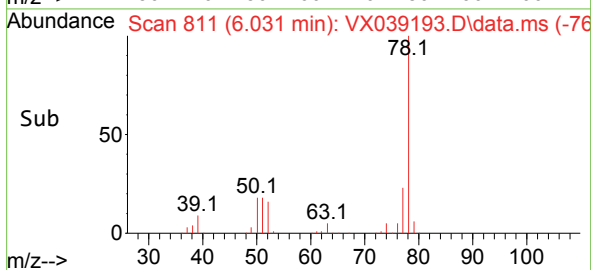
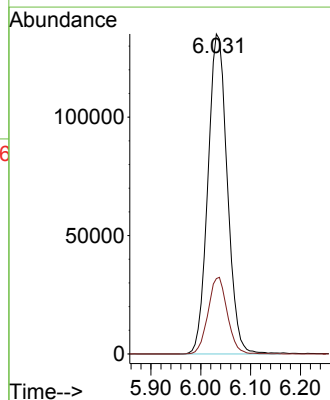
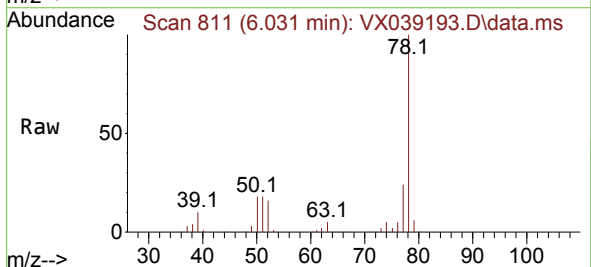
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

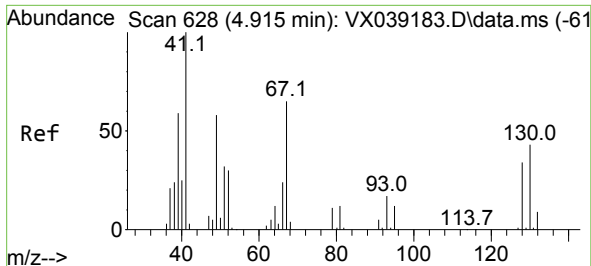
Tgt Ion: 83 Resp: 157750
Ion Ratio Lower Upper
83 100
55 83.0 64.6 97.0
98 44.4 36.7 55.1



#40
Benzene
Concen: 51.523 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 78 Resp: 364953
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9

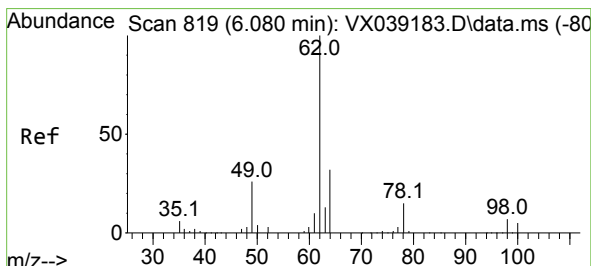
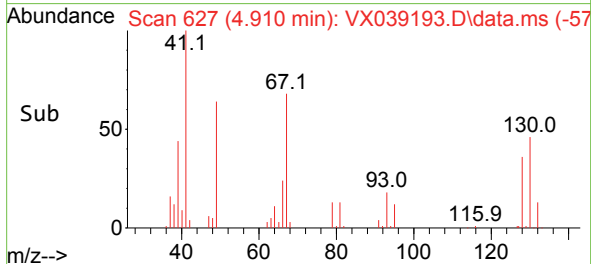
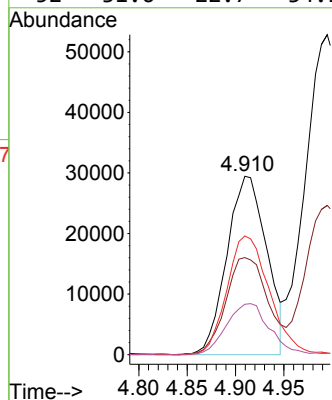
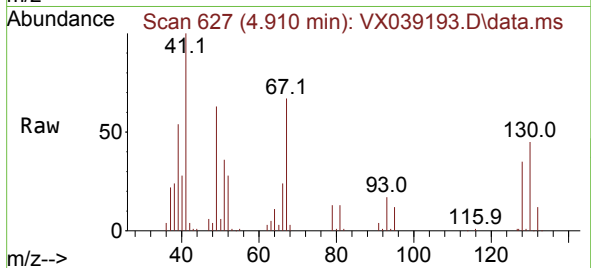




#41
Methacrylonitrile
Concen: 51.079 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

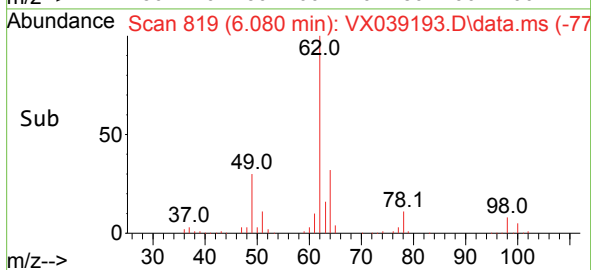
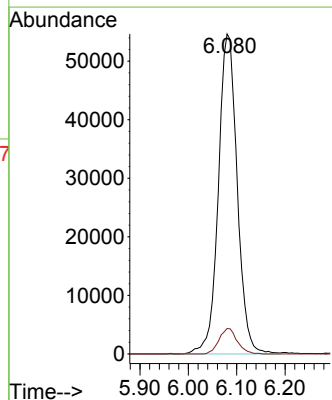
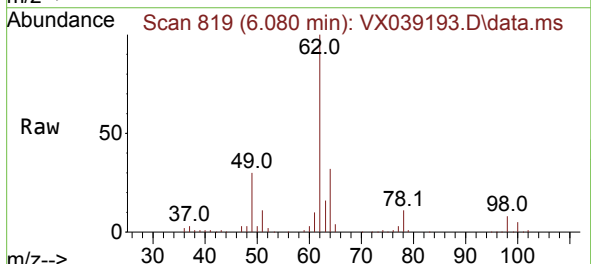
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

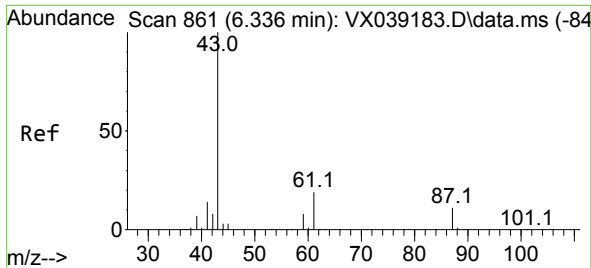
Tgt Ion:	41	Resp:	84310
Ion	Ratio	Lower	Upper
41	100		
39	58.3	45.2	67.8
67	71.4	52.6	78.8
52	31.6	22.7	34.1



#42
1,2-Dichloroethane
Concen: 51.650 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion:	62	Resp:	148092
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.0

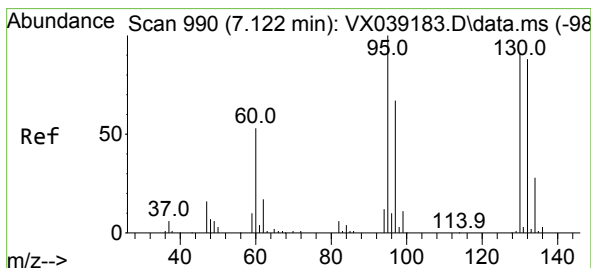
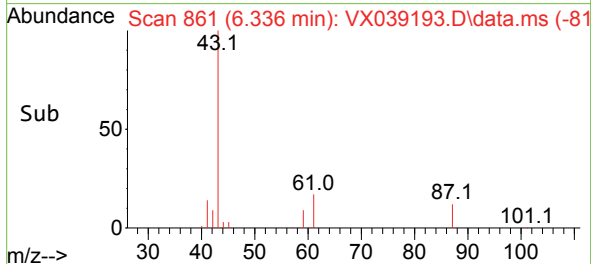
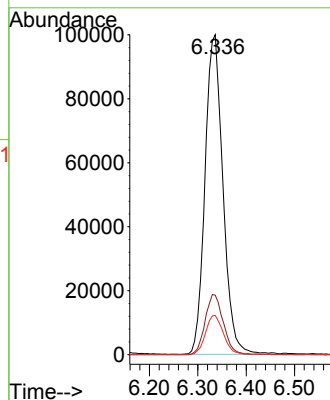
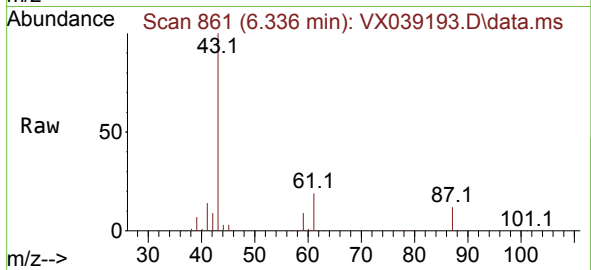




#43
Isopropyl Acetate
Concen: 51.260 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

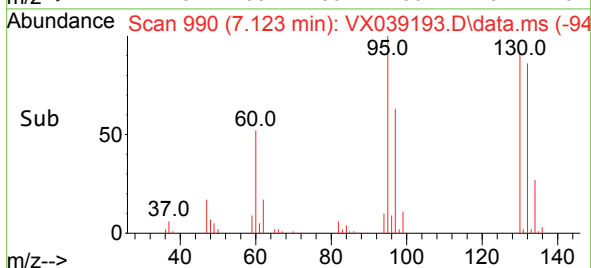
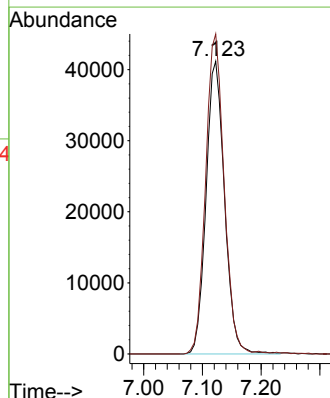
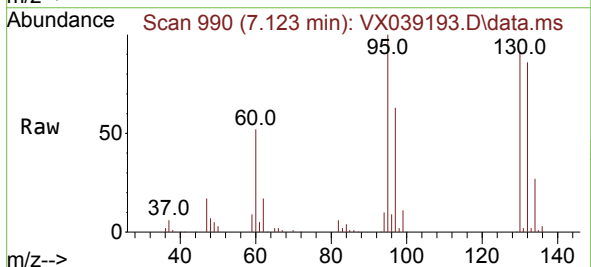
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 257873
Ion Ratio Lower Upper
43 100
61 19.1 15.2 22.8
87 12.2 9.8 14.6



#44
Trichloroethene
Concen: 50.416 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion:130 Resp: 90116
Ion Ratio Lower Upper
130 100
95 109.3 0.0 204.4

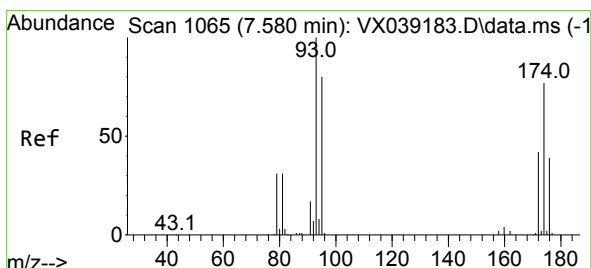
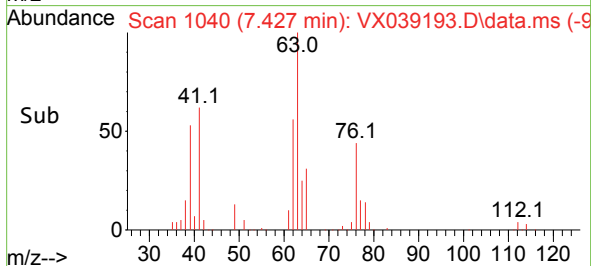
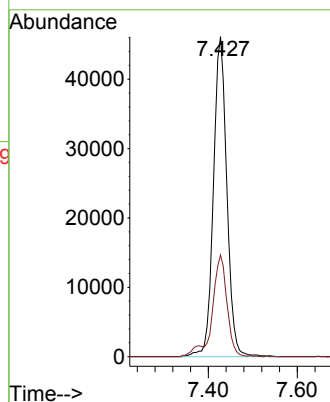
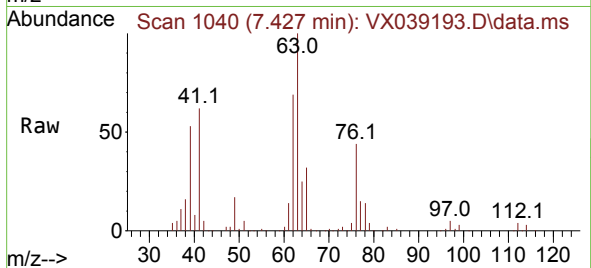




#45
1,2-Dichloropropane
Concen: 50.925 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

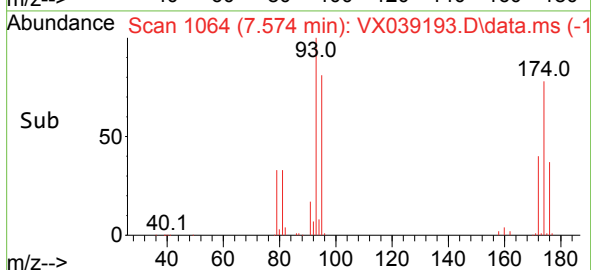
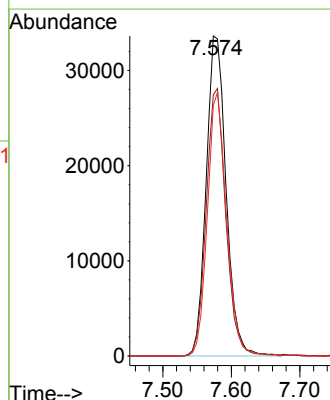
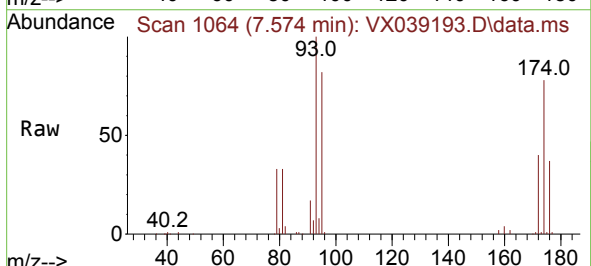
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

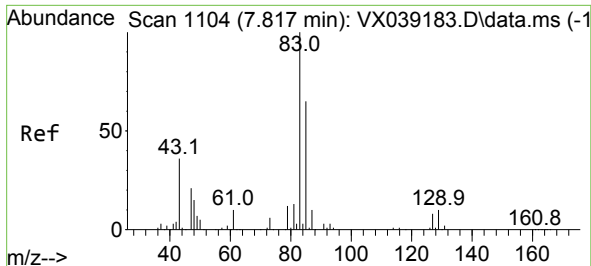
Tgt Ion: 63 Resp: 96809
Ion Ratio Lower Upper
63 100
65 31.8 24.3 36.5



#46
Dibromomethane
Concen: 50.964 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 93 Resp: 68104
Ion Ratio Lower Upper
93 100
95 82.5 66.6 100.0
174 79.5 69.4 104.0

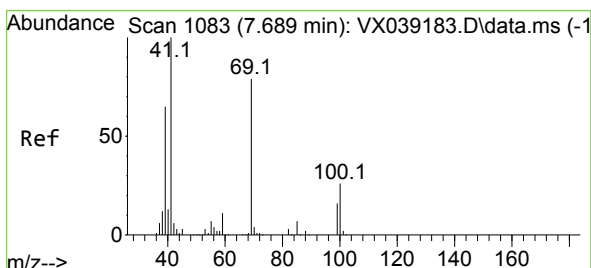
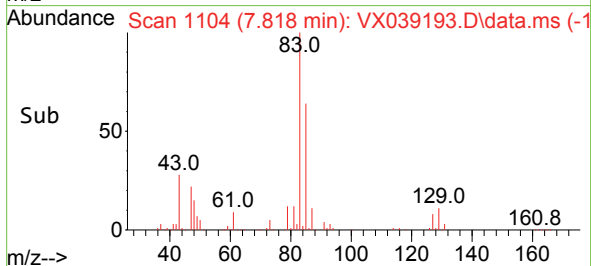
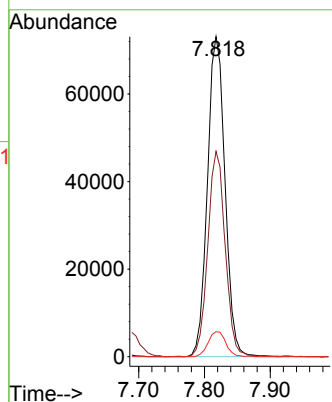
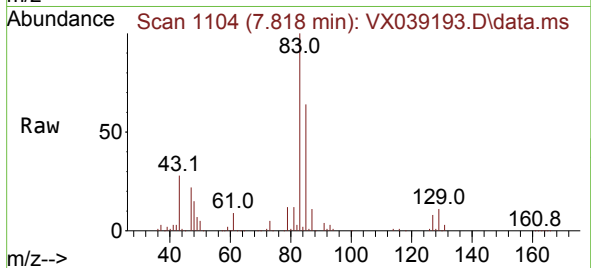




#47
Bromodichloromethane
Concen: 53.163 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

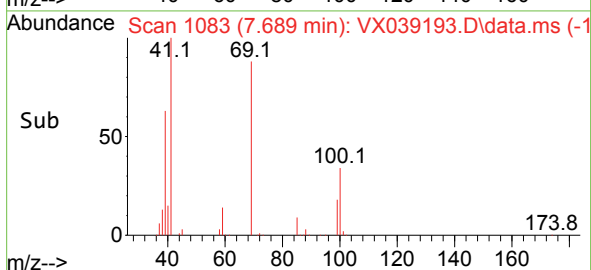
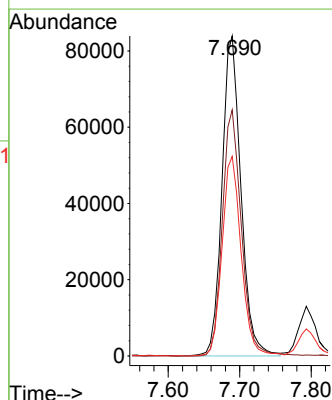
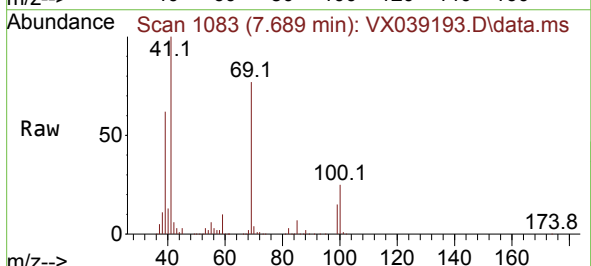
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

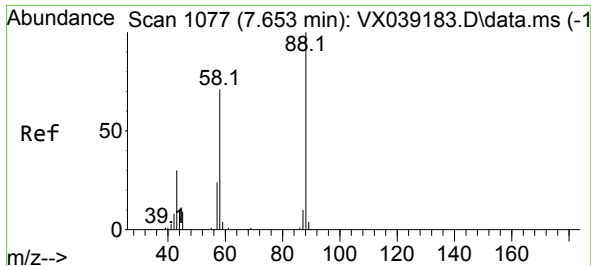
Tgt Ion: 83 Resp: 135835
Ion Ratio Lower Upper
83 100
85 64.1 49.8 74.6
127 7.8 7.1 10.7



#48
Methyl methacrylate
Concen: 52.568 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 41 Resp: 154602
Ion Ratio Lower Upper
41 100
69 77.5 59.2 88.8
39 63.0 47.7 71.5

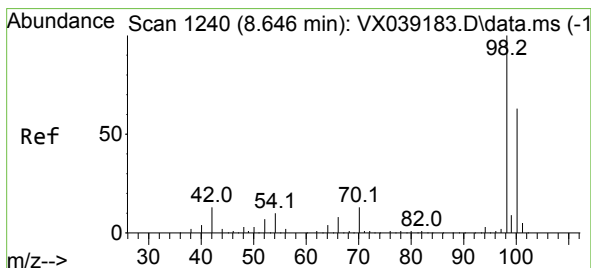
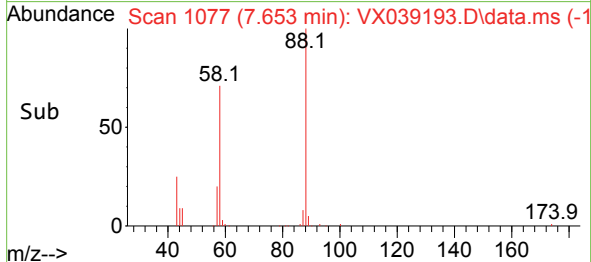
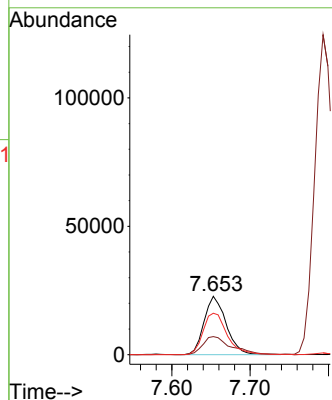
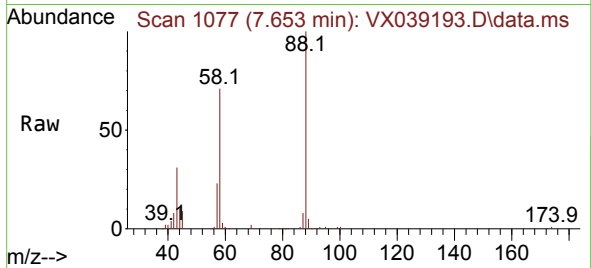




#49
1,4-Dioxane
Concen: 1123.545 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

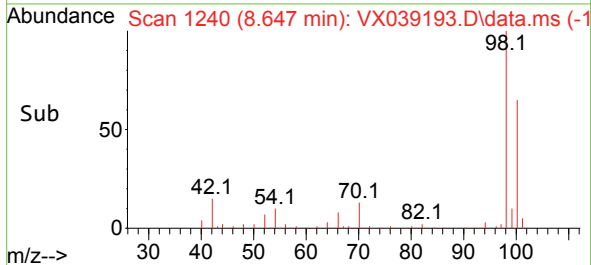
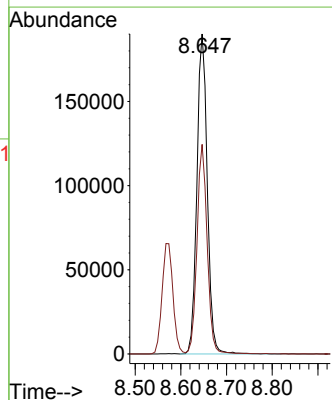
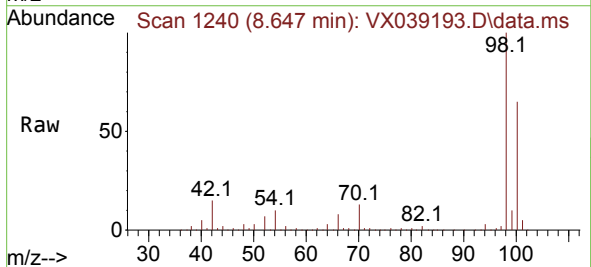
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

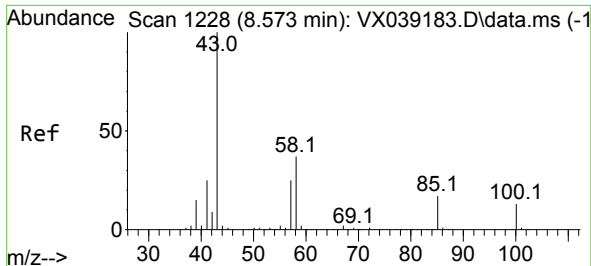
Tgt Ion: 88 Resp: 44541
Ion Ratio Lower Upper
88 100
43 40.4 0.0 0.0#
58 77.0 60.1 90.1



#50
Toluene-d8
Concen: 51.010 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 98 Resp: 300502
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

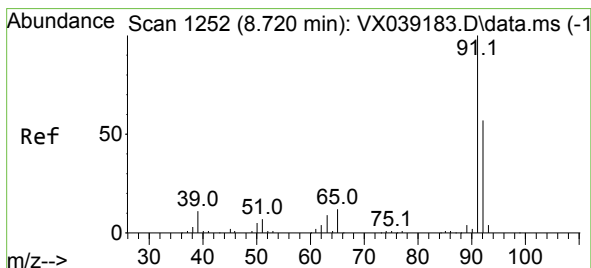
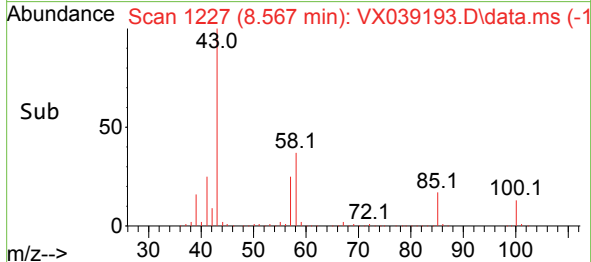
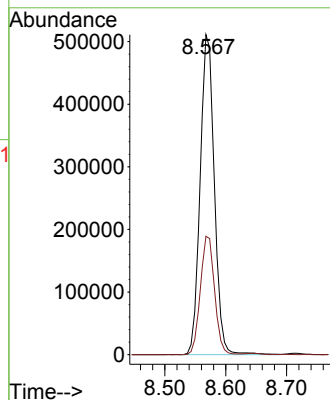
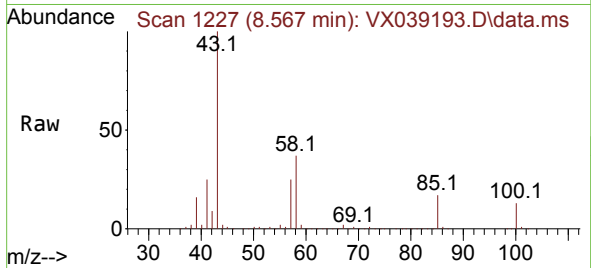




#51
4-Methyl-2-Pentanone
Concen: 258.227 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

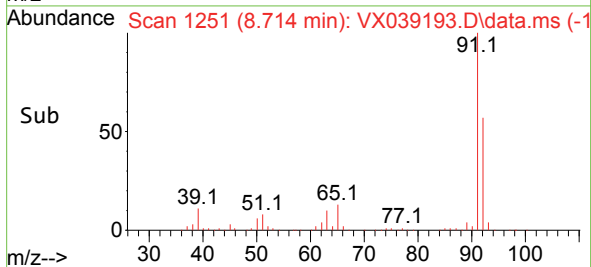
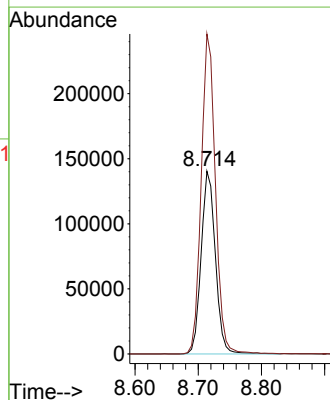
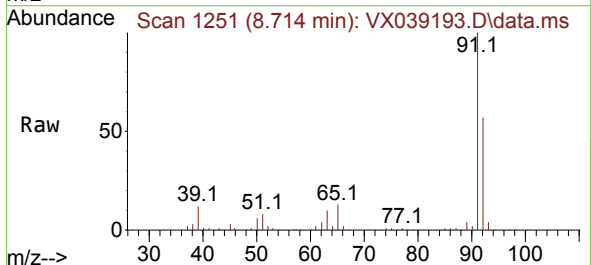
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

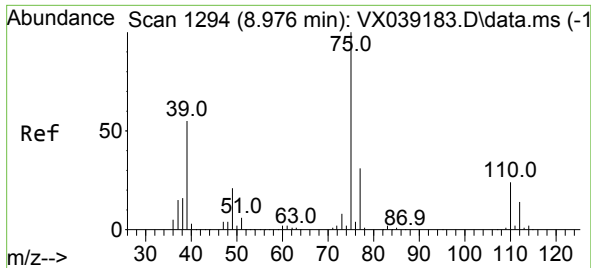
Tgt Ion: 43 Resp: 827684
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6



#52
Toluene
Concen: 51.583 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 92 Resp: 220529
Ion Ratio Lower Upper
92 100
91 174.6 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 53.896 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

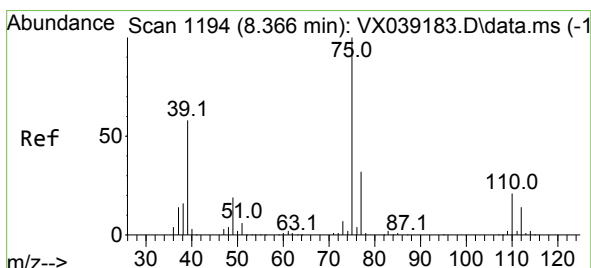
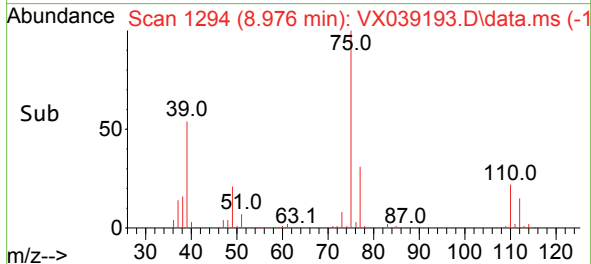
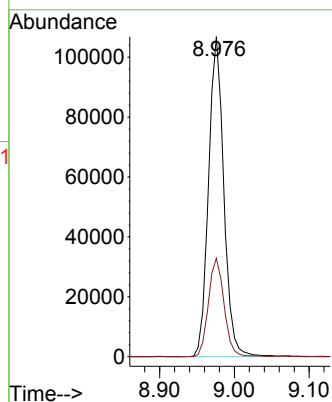
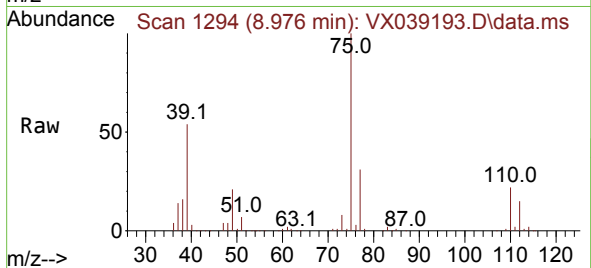
VSTDCCC050EC

Tgt Ion: 75 Resp: 151611

Ion Ratio Lower Upper

75 100

77 30.8 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 52.404 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

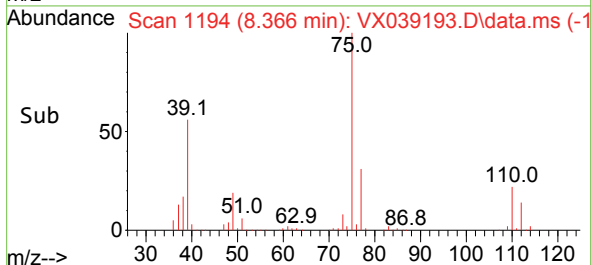
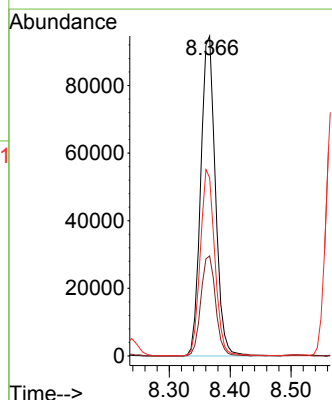
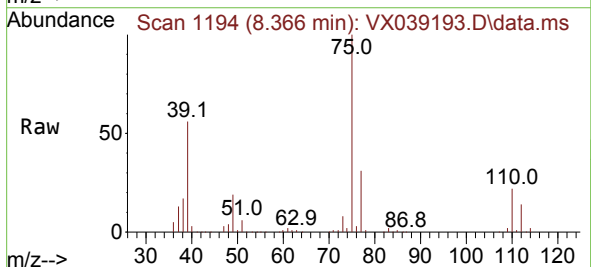
Tgt Ion: 75 Resp: 158613

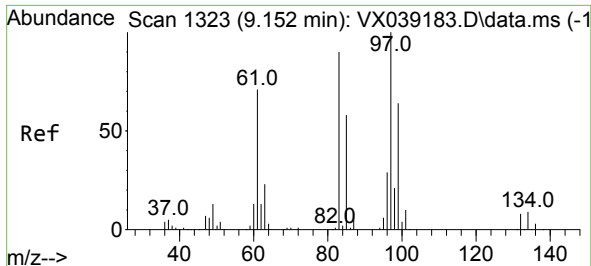
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

39 55.7 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 50.980 ug/l

RT: 9.147 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 90989

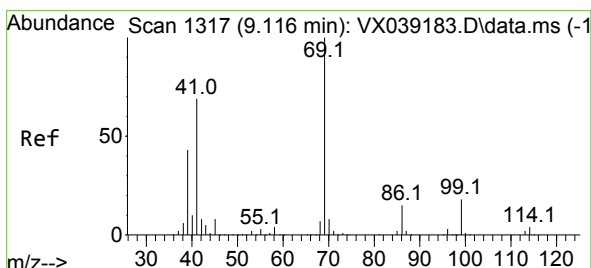
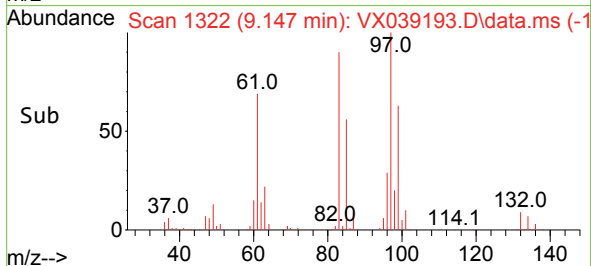
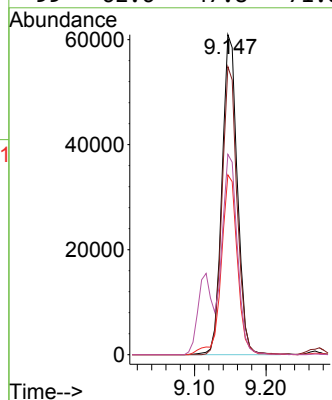
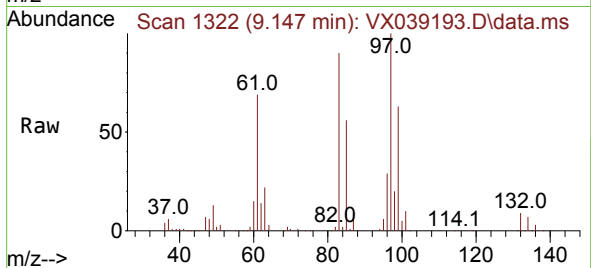
Ion Ratio Lower Upper

97 100

83 90.0 65.8 98.8

85 56.2 41.6 62.4

99 62.6 47.8 71.8



#56

Ethyl methacrylate

Concen: 54.225 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

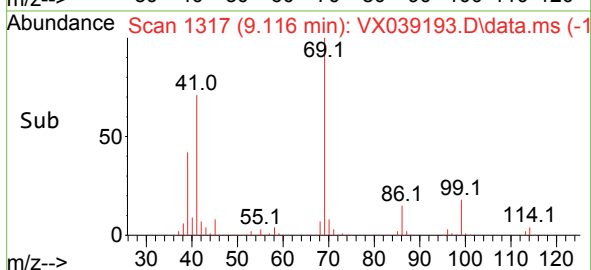
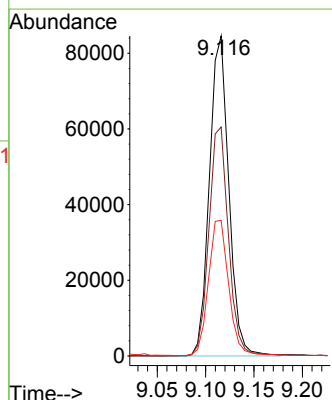
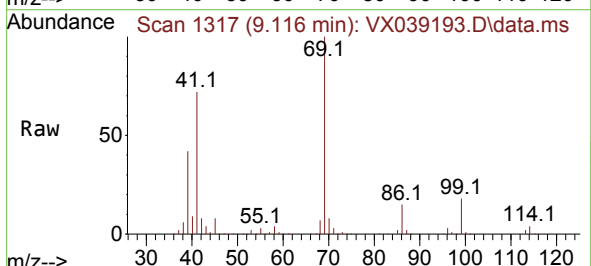
Tgt Ion: 69 Resp: 118147

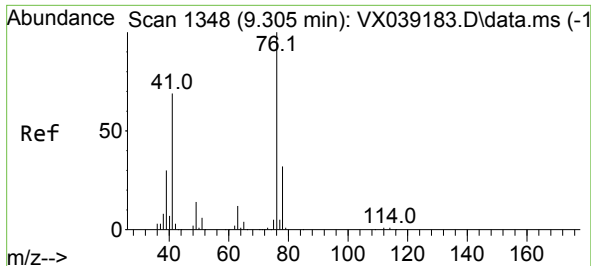
Ion Ratio Lower Upper

69 100

41 72.7 56.8 85.2

39 45.0 32.0 48.0





#57

1,3-Dichloropropane

Concen: 51.013 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

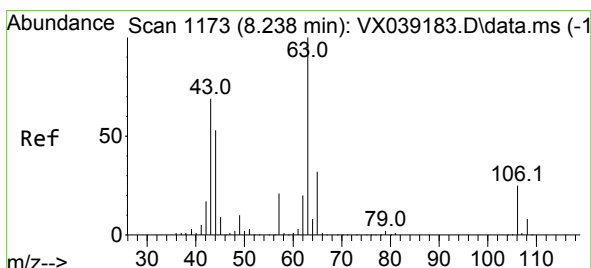
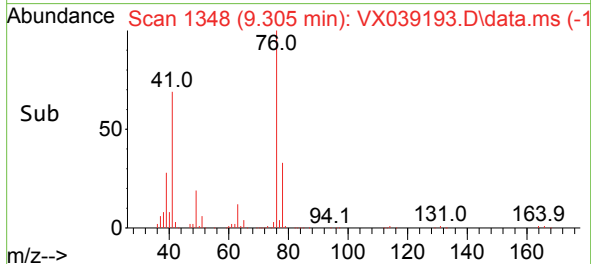
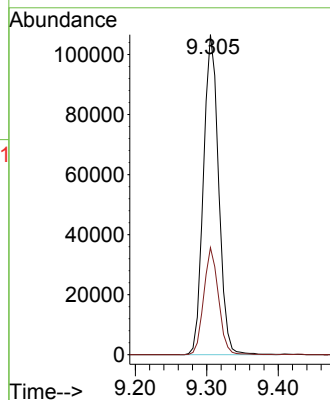
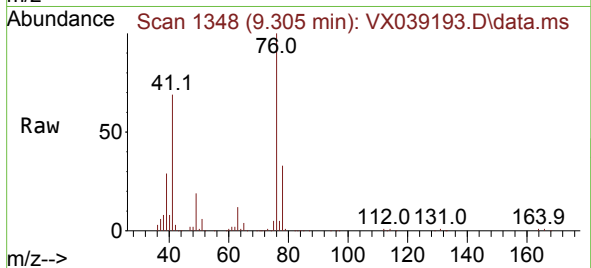
VSTDCCC050EC

Tgt Ion: 76 Resp: 157403

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 255.868 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039193.D

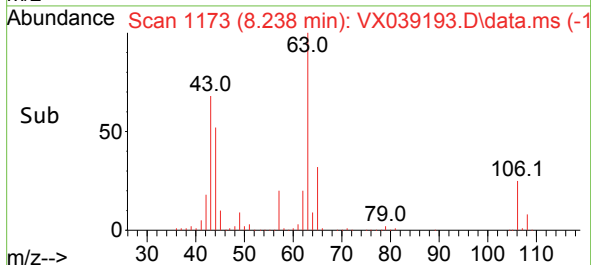
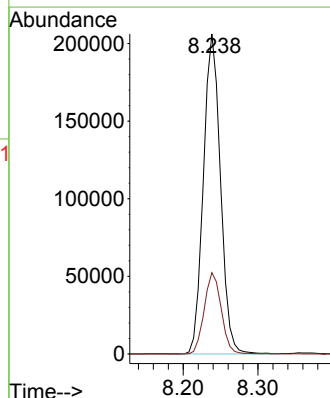
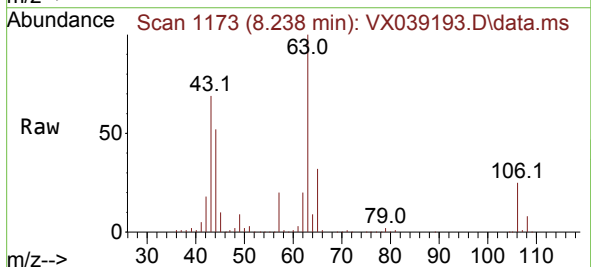
Acq: 13 Dec 2023 16:55

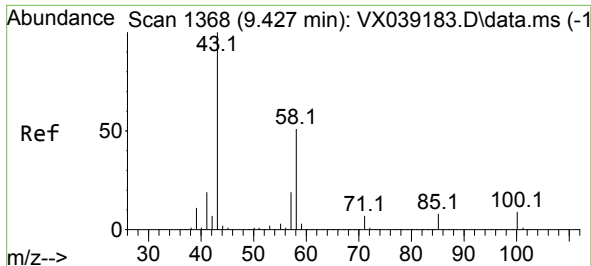
Tgt Ion: 63 Resp: 327355

Ion Ratio Lower Upper

63 100

106 25.3 22.5 33.7





#59

2-Hexanone

Concen: 242.235 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

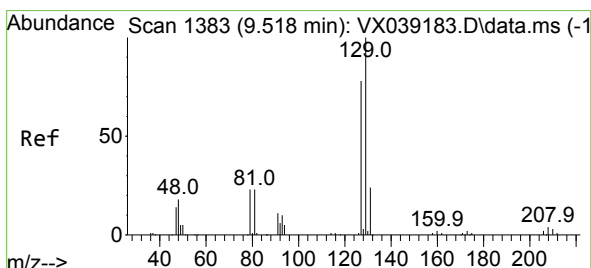
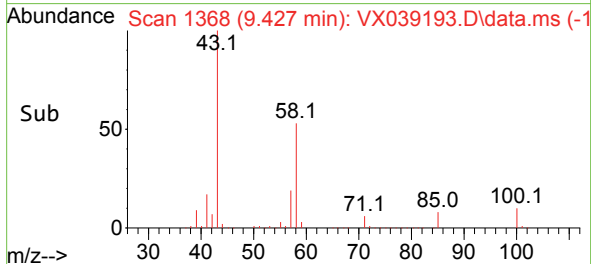
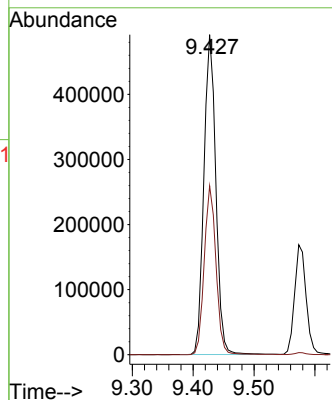
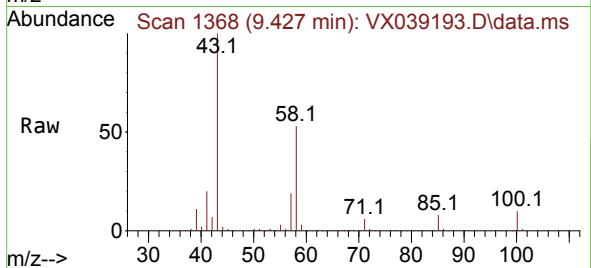
VSTDCCC050EC

Tgt Ion: 43 Resp: 670085

Ion Ratio Lower Upper

43 100

58 52.1 26.2 78.5



#60

Dibromochloromethane

Concen: 52.974 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039193.D

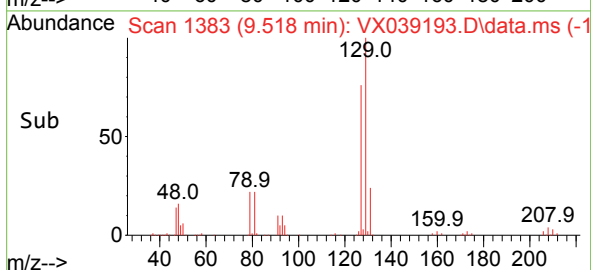
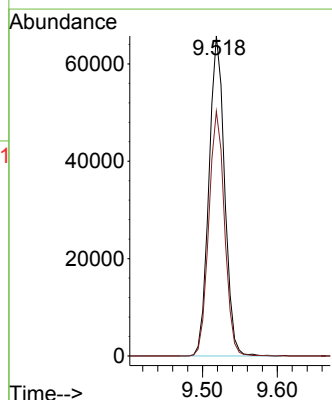
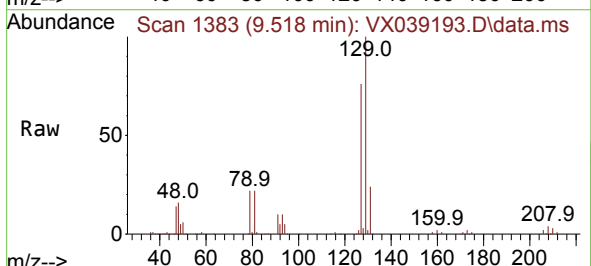
Acq: 13 Dec 2023 16:55

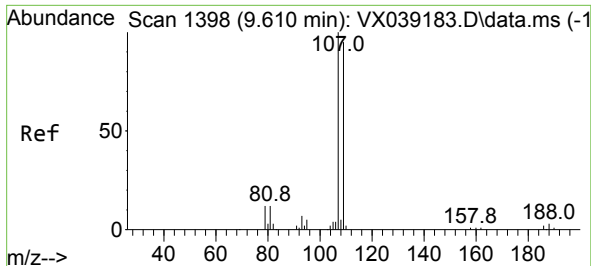
Tgt Ion: 129 Resp: 95620

Ion Ratio Lower Upper

129 100

127 76.6 38.8 116.4

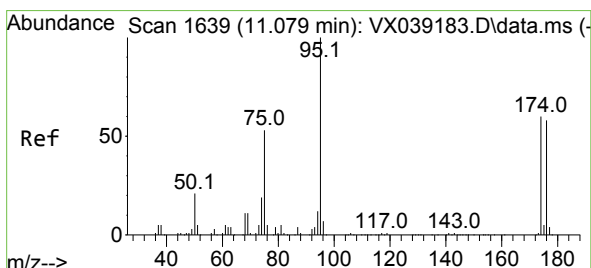
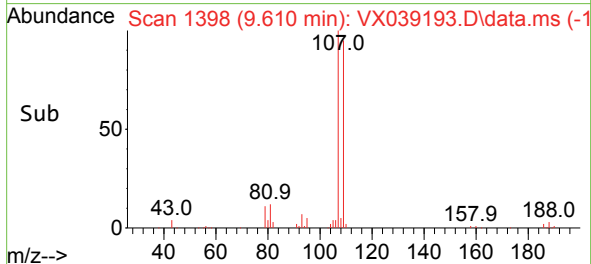
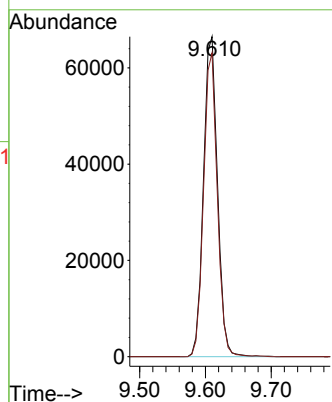
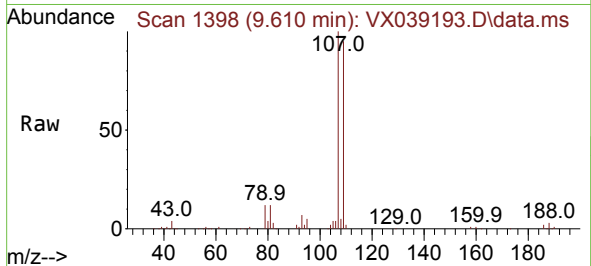




#61
1,2-Dibromoethane
Concen: 51.669 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

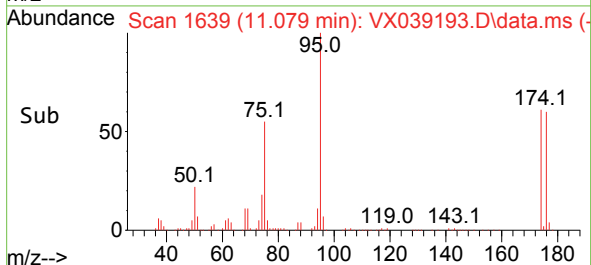
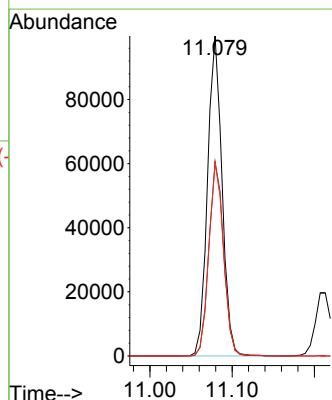
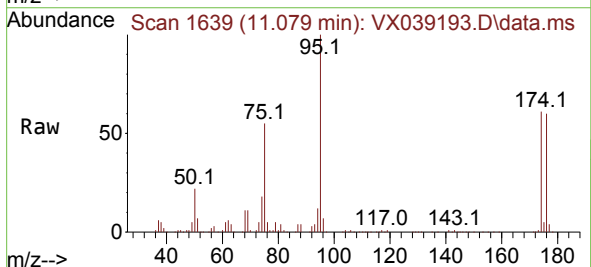
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

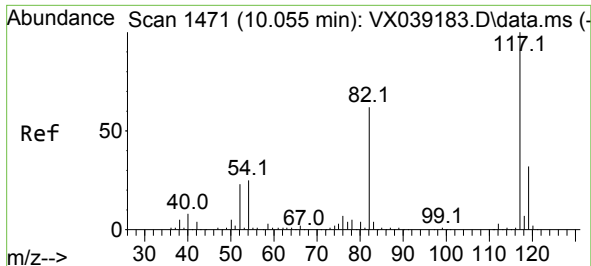
Tgt Ion:107 Resp: 98446
Ion Ratio Lower Upper
107 100
109 93.0 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 50.206 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 95 Resp: 122032
Ion Ratio Lower Upper
95 100
174 61.8 0.0 135.6
176 61.0 0.0 131.0

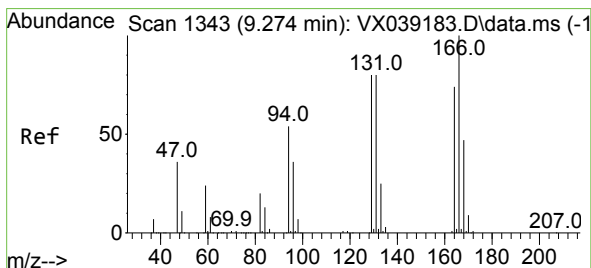
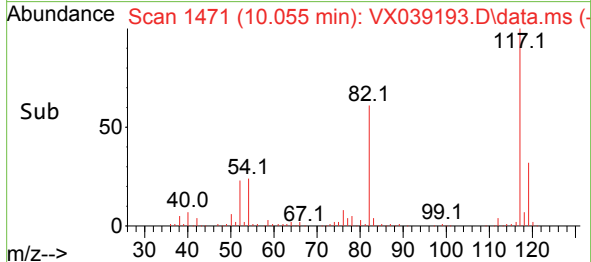
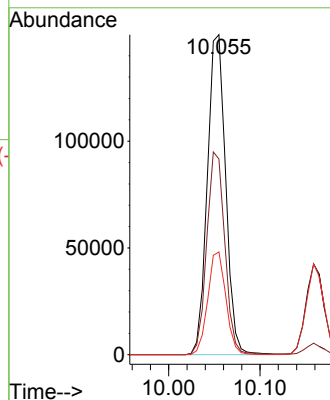
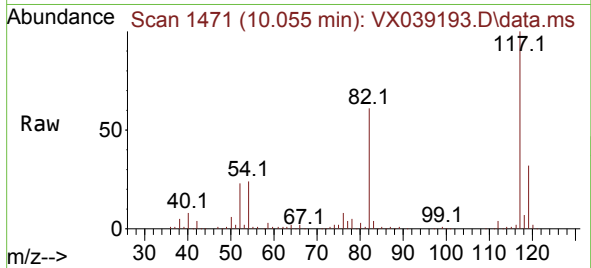




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

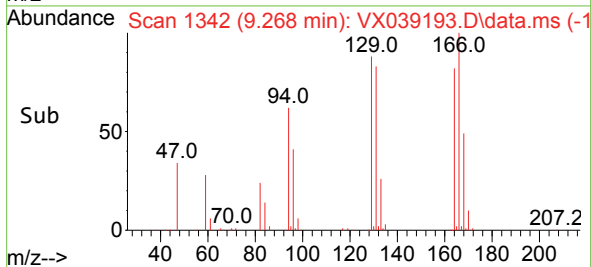
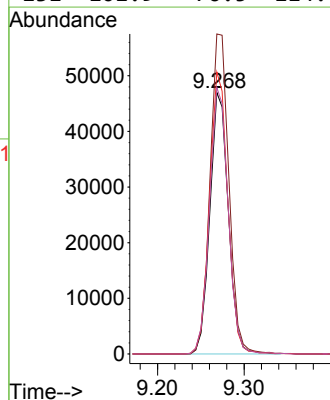
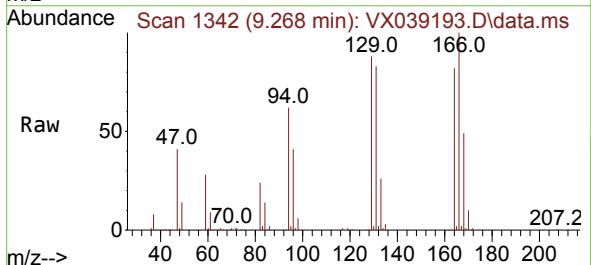
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

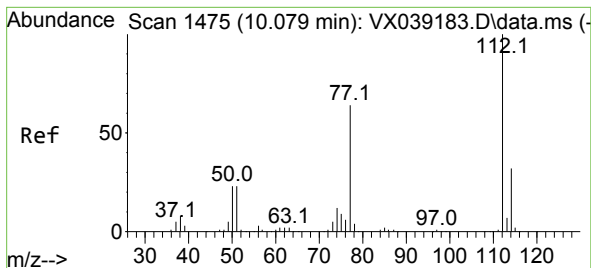
Tgt Ion:117 Resp: 209193
Ion Ratio Lower Upper
117 100
82 61.2 46.2 69.4
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 50.791 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion:164 Resp: 69431
Ion Ratio Lower Upper
164 100
166 122.4 102.7 154.1
129 107.8 80.4 120.6
131 101.9 76.5 114.7





#65

Chlorobenzene

Concen: 50.195 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

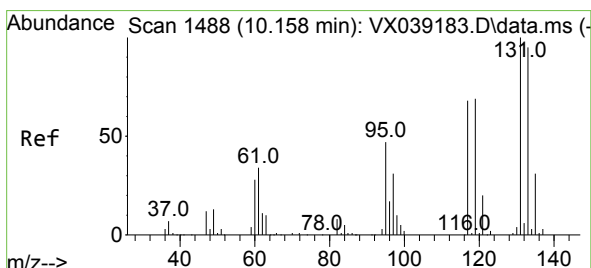
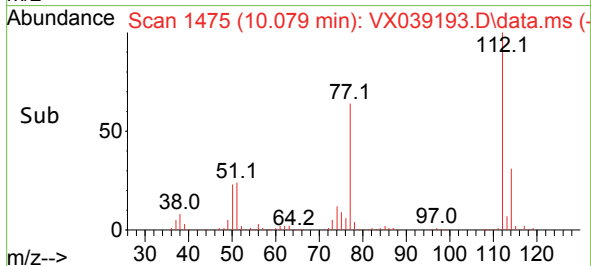
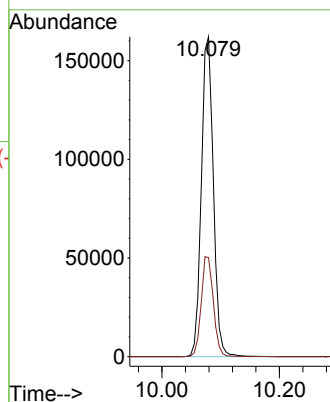
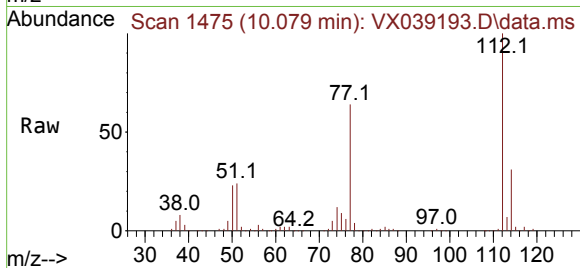
VSTDCCC050EC

Tgt Ion:112 Resp: 229190

Ion Ratio Lower Upper

112 100

114 31.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 52.473 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

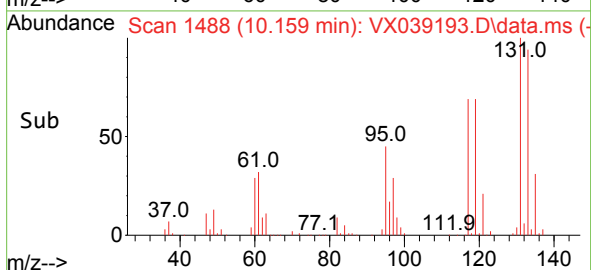
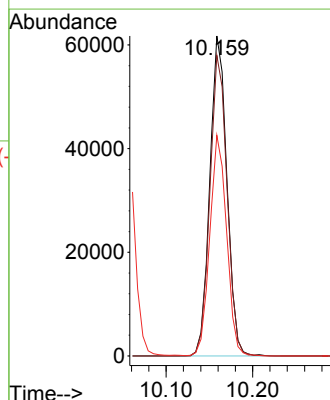
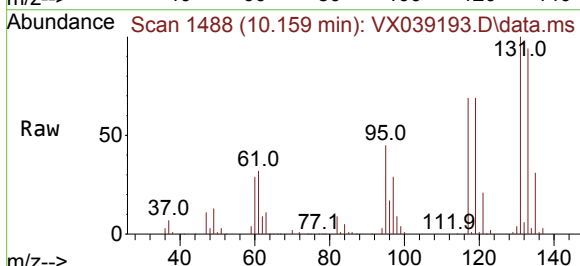
Tgt Ion:131 Resp: 84631

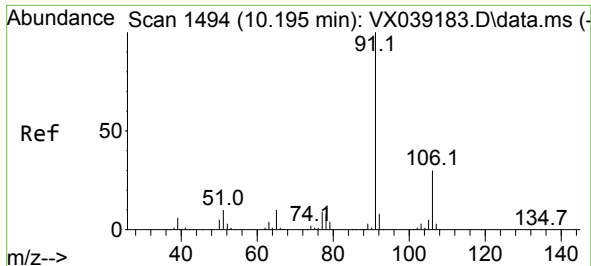
Ion Ratio Lower Upper

131 100

133 94.3 47.1 141.4

119 67.9 32.2 96.6





#67

Ethyl Benzene

Concen: 51.778 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

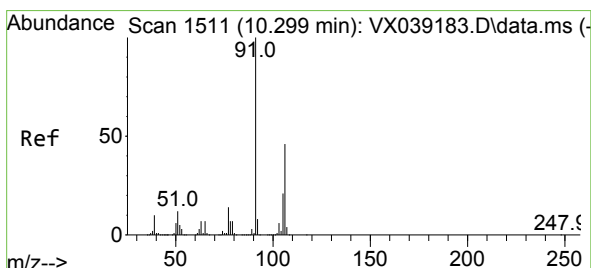
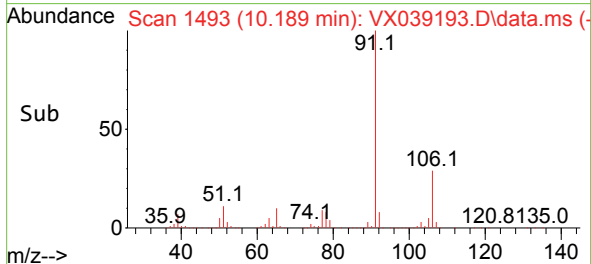
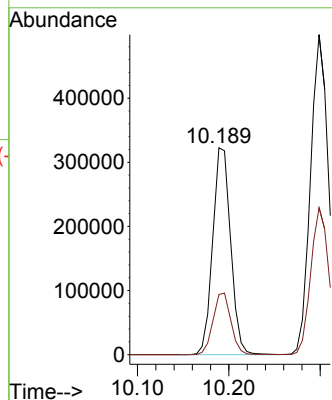
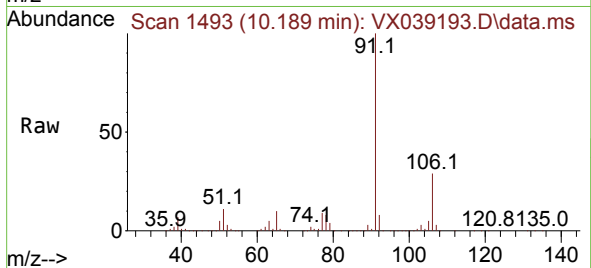
VSTDCCC050EC

Tgt Ion: 91 Resp: 440080

Ion Ratio Lower Upper

91 100

106 29.1 24.9 37.3



#68

m/p-Xylenes

Concen: 104.218 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039193.D

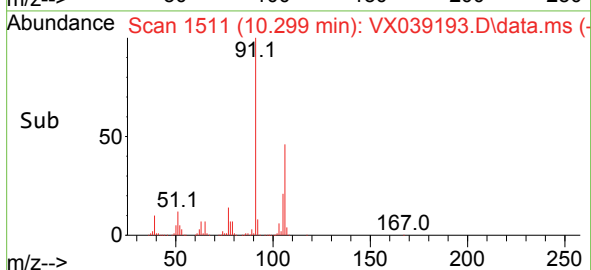
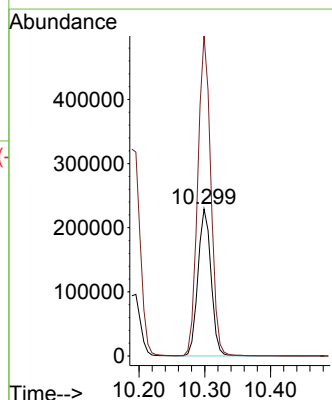
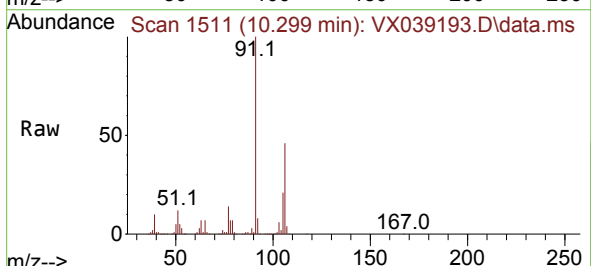
Acq: 13 Dec 2023 16:55

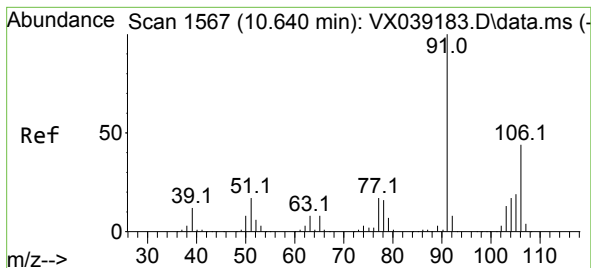
Tgt Ion: 106 Resp: 317597

Ion Ratio Lower Upper

106 100

91 216.8 165.5 248.3





#69

o-Xylene

Concen: 51.953 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

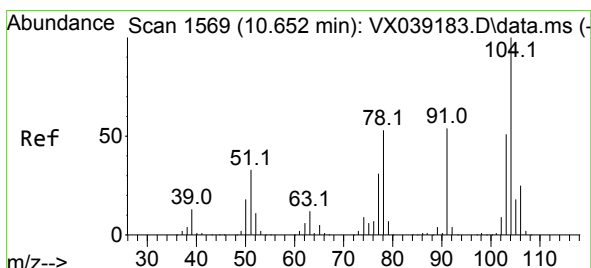
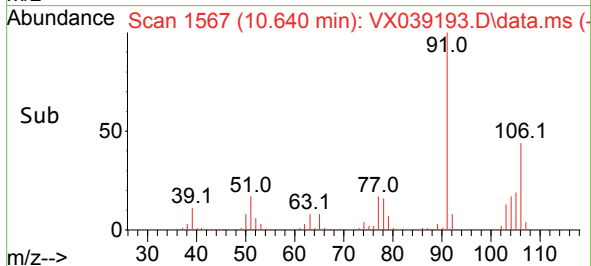
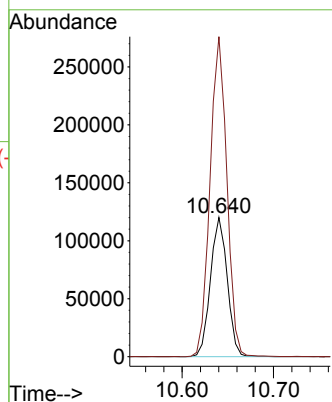
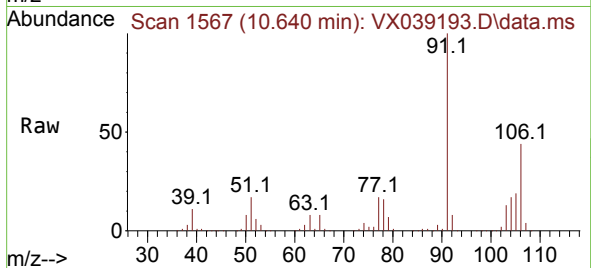
VSTDCCC050EC

Tgt Ion:106 Resp: 153077

Ion Ratio Lower Upper

106 100

91 230.3 108.9 326.8



#70

Styrene

Concen: 52.481 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

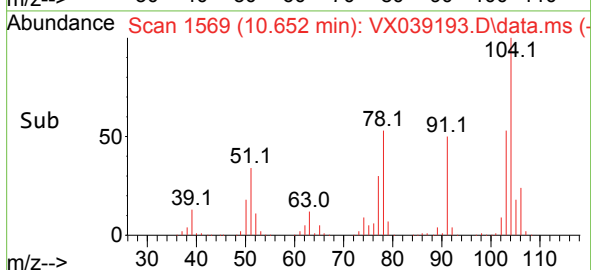
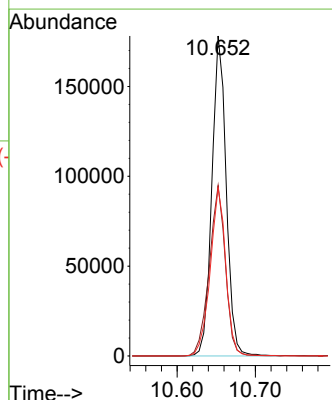
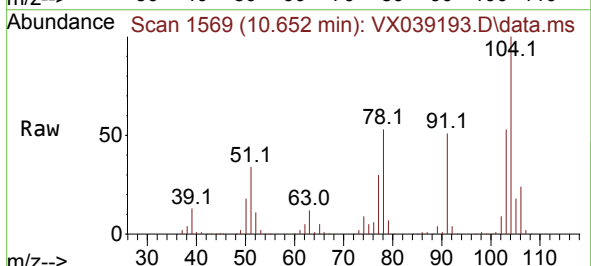
Tgt Ion:104 Resp: 226061

Ion Ratio Lower Upper

104 100

78 59.8 43.6 65.4

103 57.2 43.6 65.4





#71

Bromoform

Concen: 53.739 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

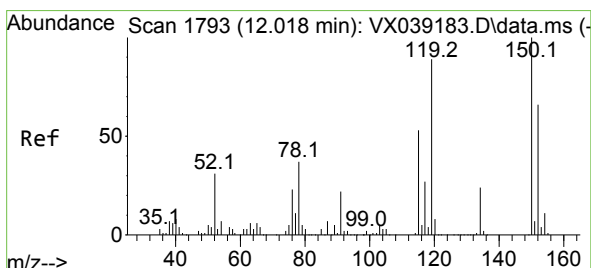
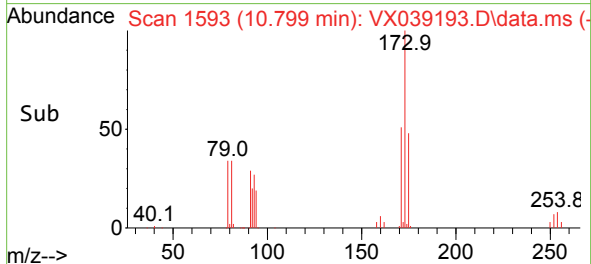
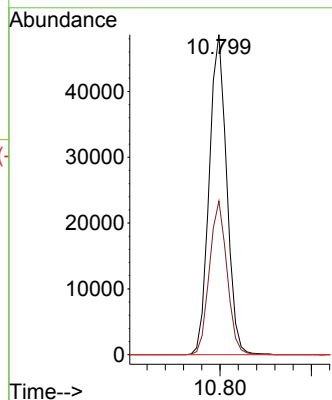
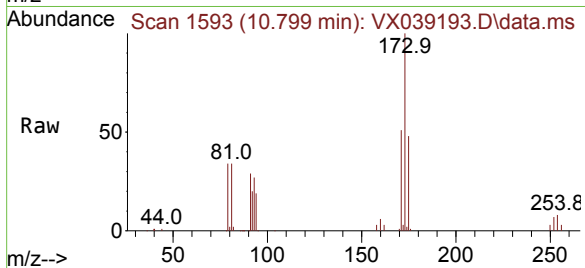
Tgt Ion:173 Resp: 64424

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

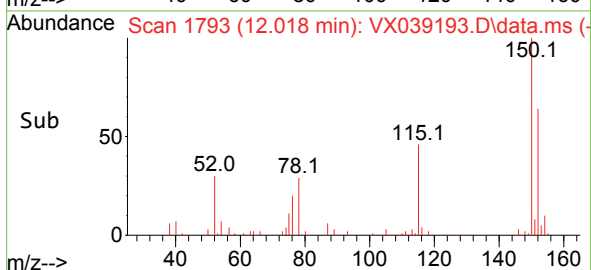
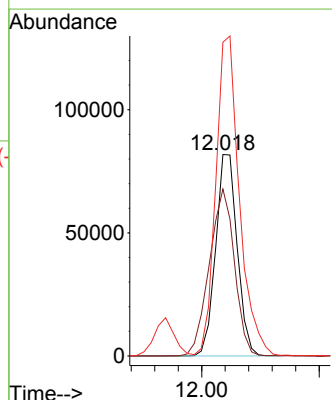
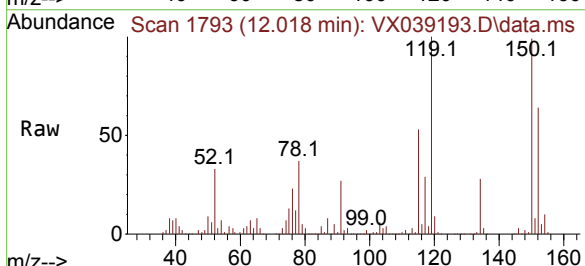
Tgt Ion:152 Resp: 104362

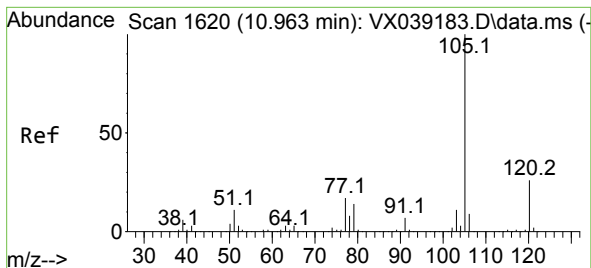
Ion Ratio Lower Upper

152 100

115 96.5 43.3 129.9

150 173.8 0.0 345.0





#73

Isopropylbenzene

Concen: 51.868 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

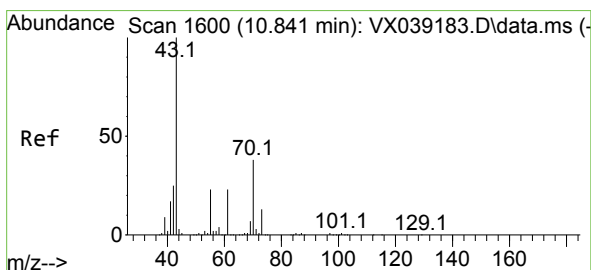
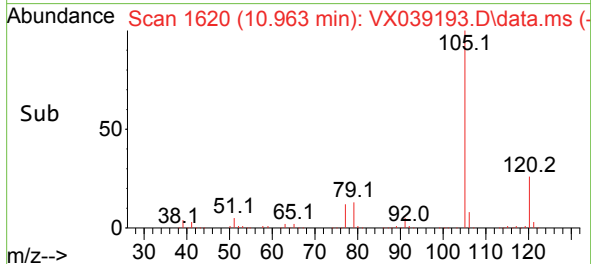
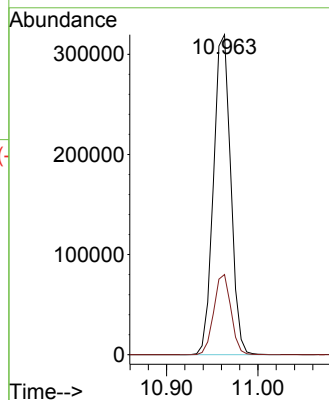
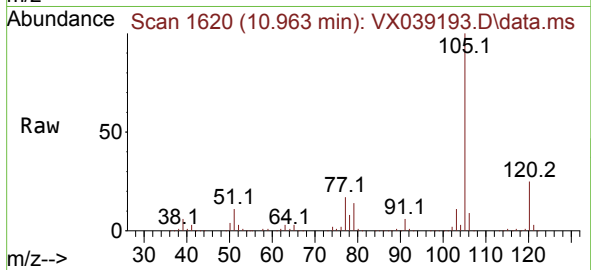
VSTDCCC050EC

Tgt Ion:105 Resp: 417642

Ion Ratio Lower Upper

105 100

120 25.0 12.9 38.6



#74

N-ethyl acetate

Concen: 54.379 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Tgt Ion: 43 Resp: 221538

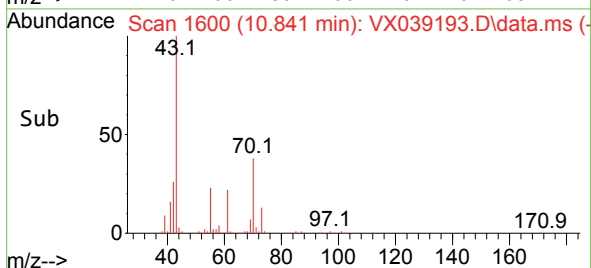
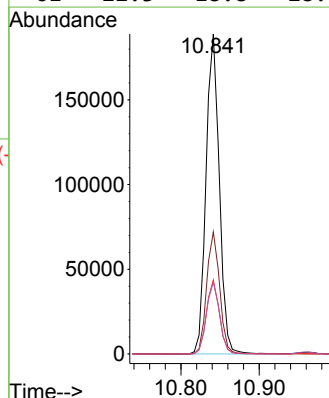
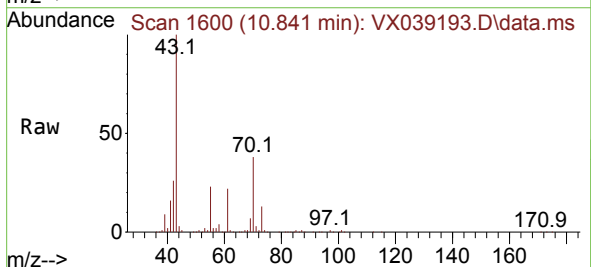
Ion Ratio Lower Upper

43 100

70 37.4 32.9 49.3

55 22.6 19.3 28.9

61 22.3 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.221 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

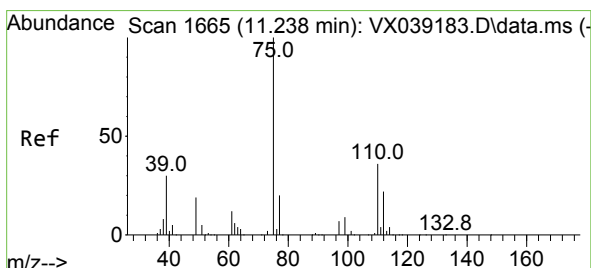
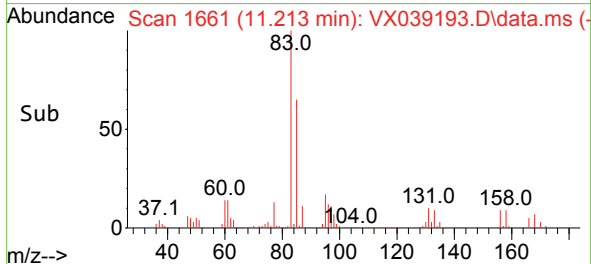
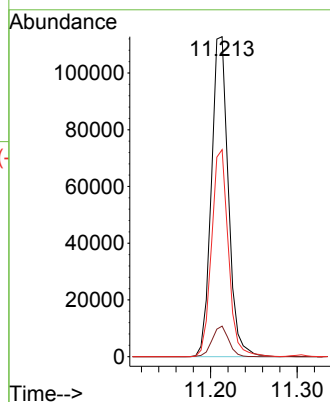
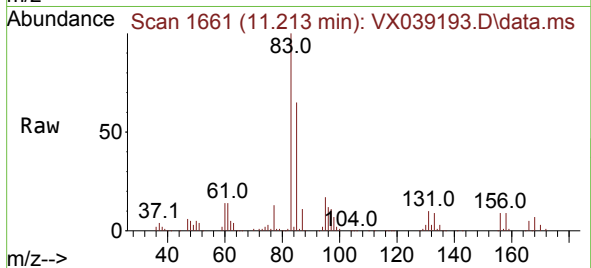
Tgt Ion: 83 Resp: 153427

Ion Ratio Lower Upper

83 100

131 9.3 5.3 15.8

85 64.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 67.391 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039193.D

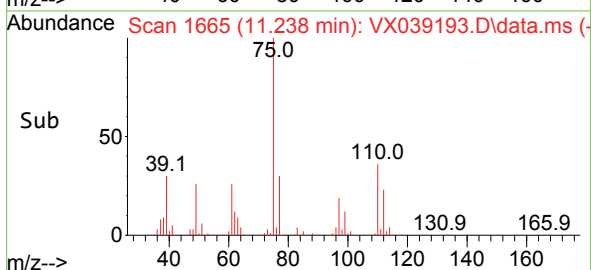
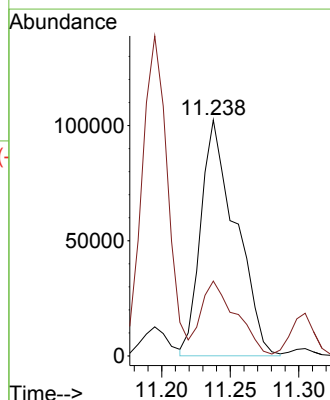
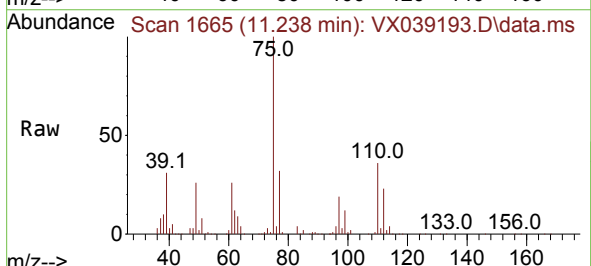
Acq: 13 Dec 2023 16:55

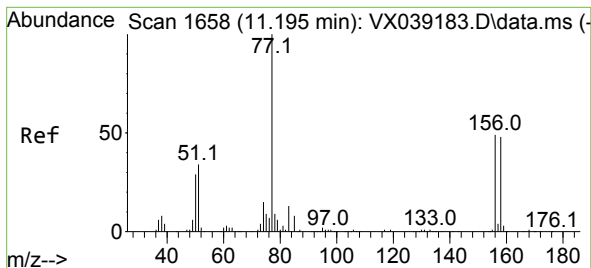
Tgt Ion: 75 Resp: 181958

Ion Ratio Lower Upper

75 100

77 31.7 19.1 57.5





#77

Bromobenzene

Concen: 51.527 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

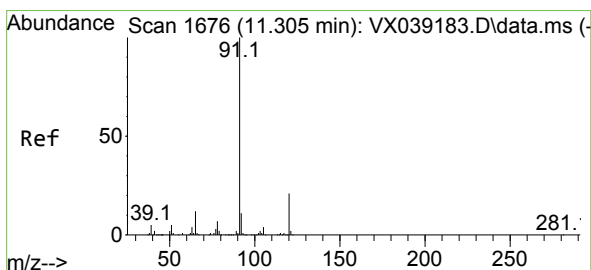
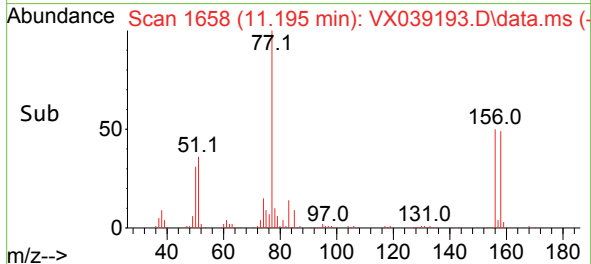
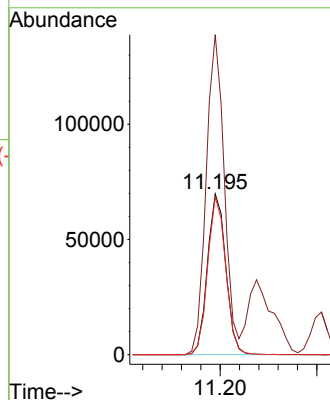
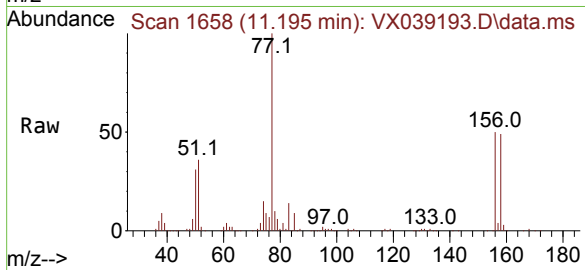
Tgt Ion:156 Resp: 91747

Ion Ratio Lower Upper

156 100

77 196.5 88.4 265.3

158 96.4 48.0 144.0



#78

n-propylbenzene

Concen: 51.886 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039193.D

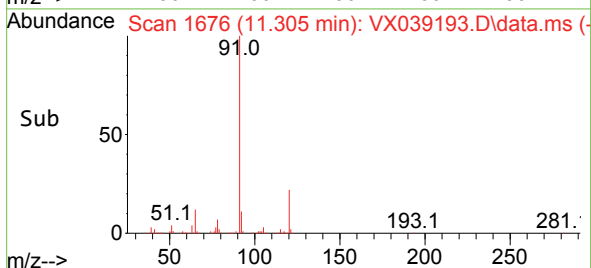
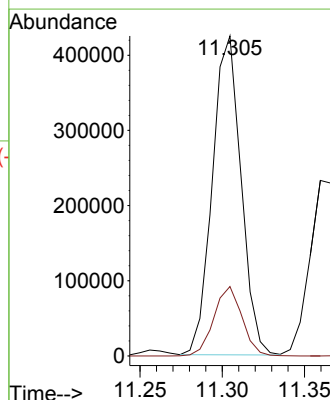
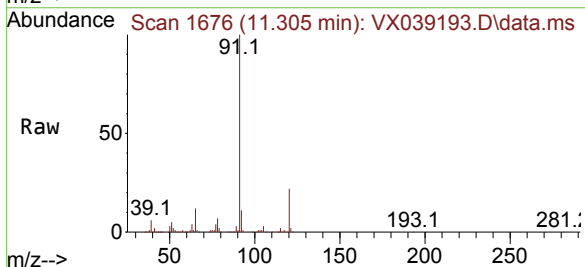
Acq: 13 Dec 2023 16:55

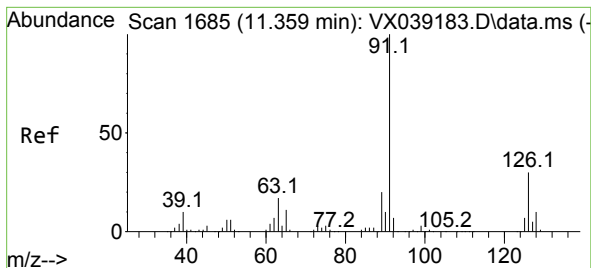
Tgt Ion: 91 Resp: 514748

Ion Ratio Lower Upper

91 100

120 21.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.588 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

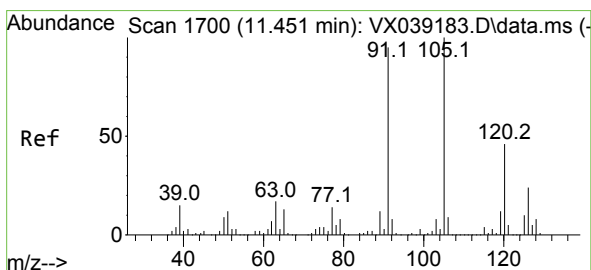
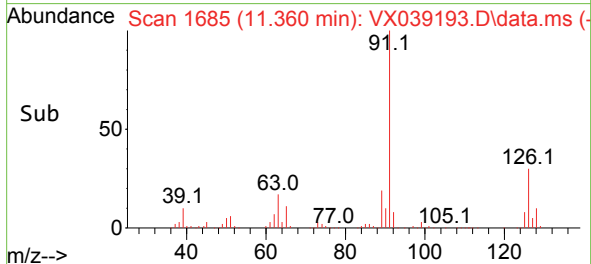
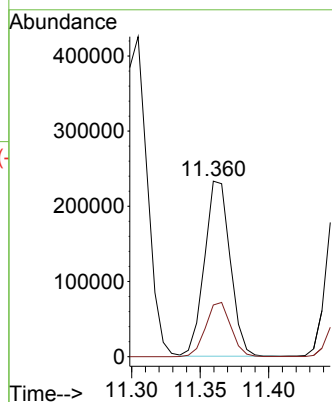
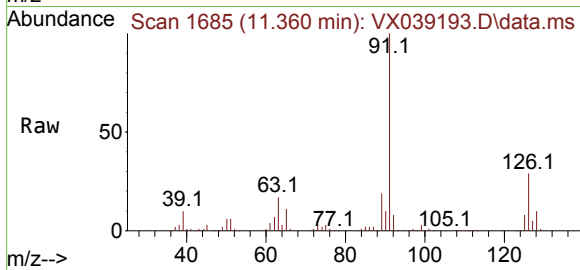
VSTDCCC050EC

Tgt Ion: 91 Resp: 303569

Ion Ratio Lower Upper

91 100

126 30.5 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 51.938 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039193.D

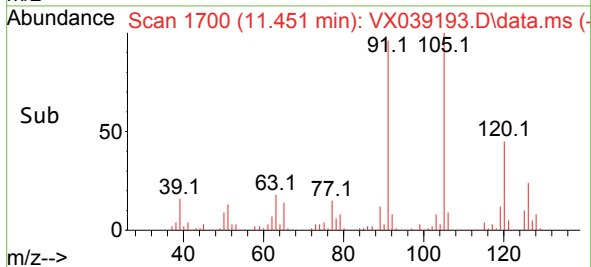
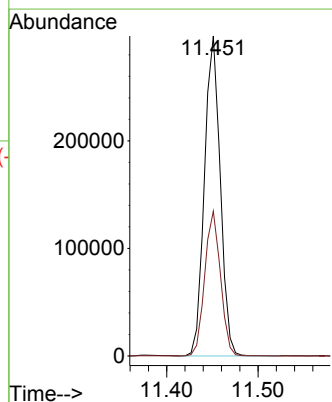
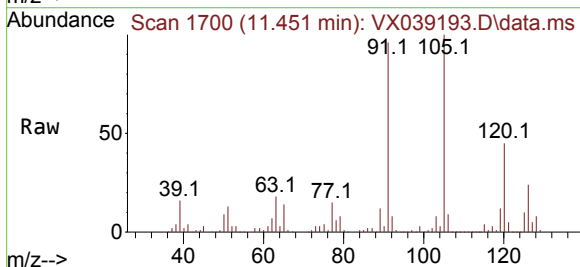
Acq: 13 Dec 2023 16:55

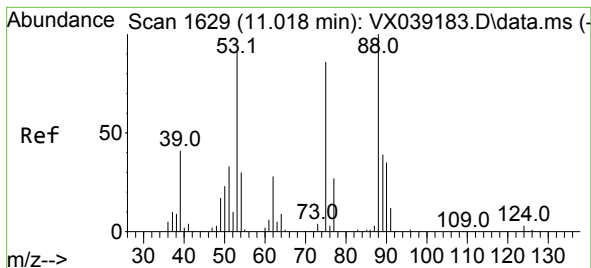
Tgt Ion:105 Resp: 356265

Ion Ratio Lower Upper

105 100

120 45.0 24.1 72.3

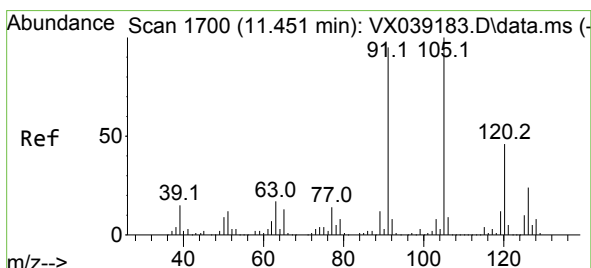
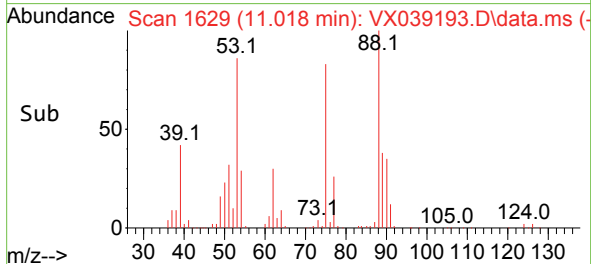
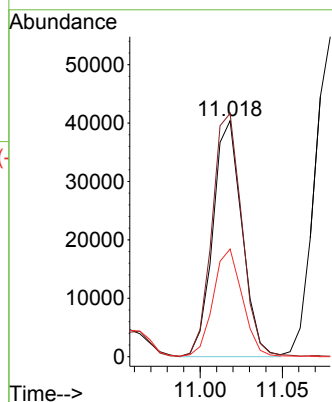
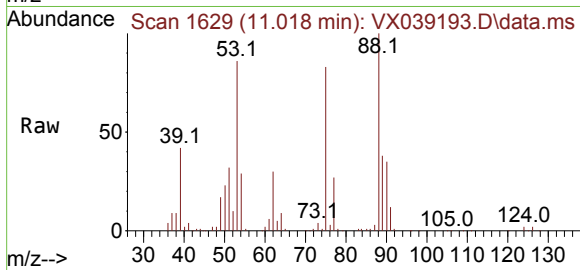




#81
trans-1,4-Dichloro-2-butene
Concen: 52.166 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

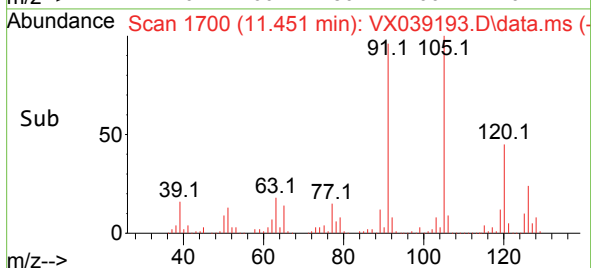
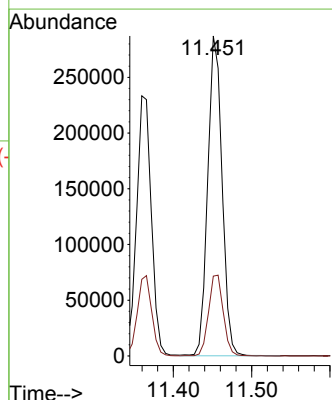
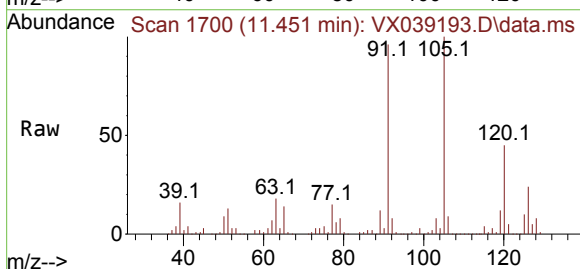
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

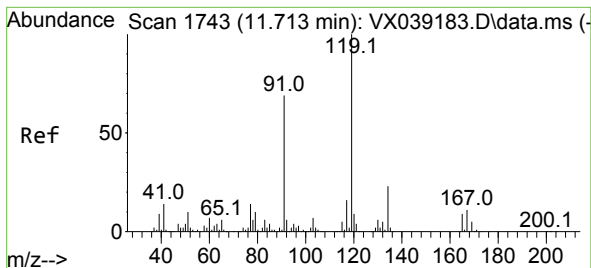
Tgt Ion: 75 Resp: 49929
Ion Ratio Lower Upper
75 100
53 104.8 90.5 135.7
89 45.8 36.9 55.3



#82
4-Chlorotoluene
Concen: 51.556 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039193.D
Acq: 13 Dec 2023 16:55

Tgt Ion: 91 Resp: 363380
Ion Ratio Lower Upper
91 100
126 26.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 51.581 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

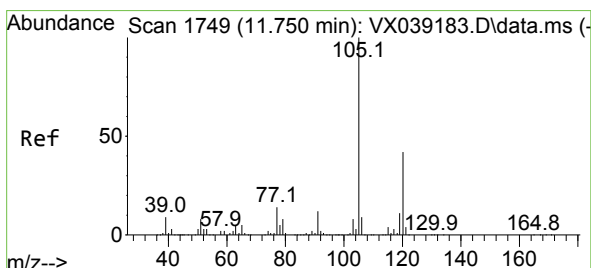
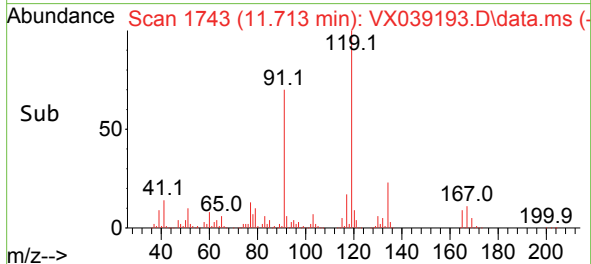
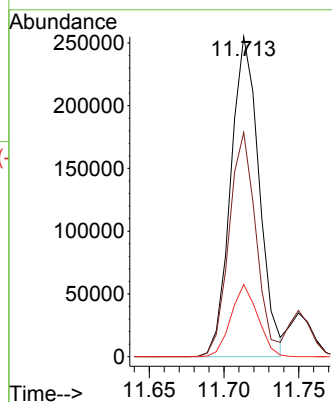
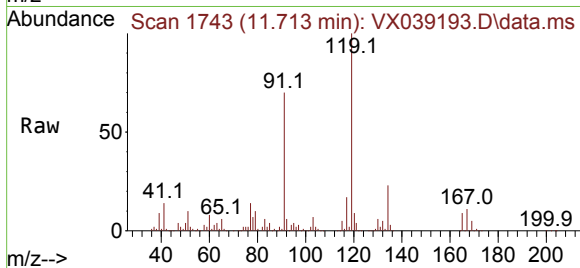
Tgt Ion:119 Resp: 336727

Ion Ratio Lower Upper

119 100

91 67.0 31.2 93.6

134 21.3 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 52.170 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039193.D

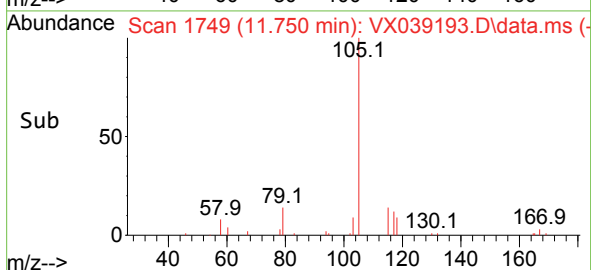
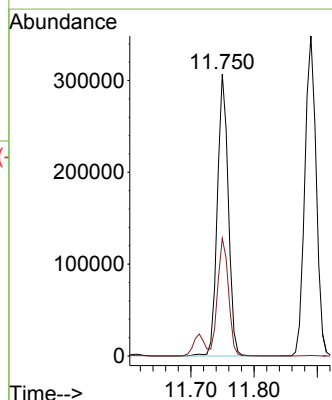
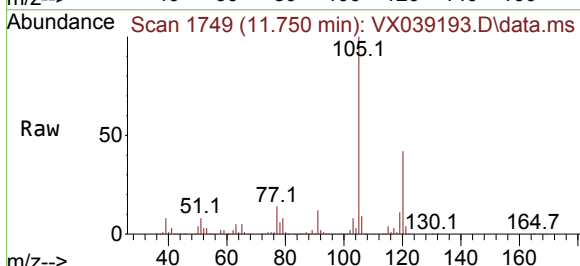
Acq: 13 Dec 2023 16:55

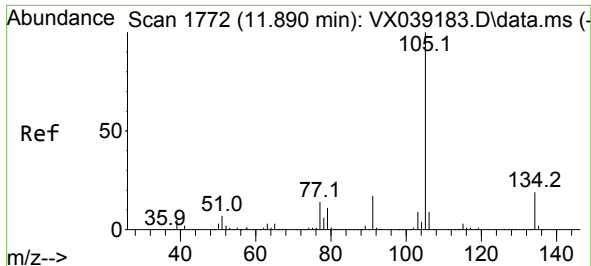
Tgt Ion:105 Resp: 366983

Ion Ratio Lower Upper

105 100

120 41.1 21.2 63.6

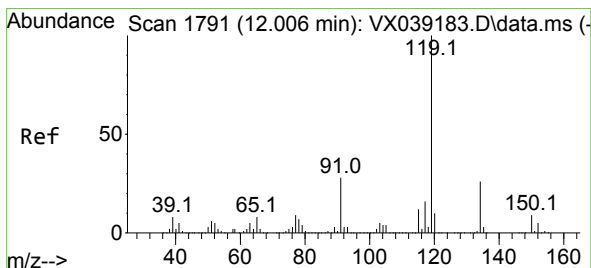
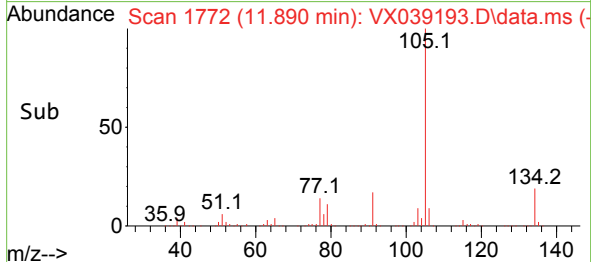
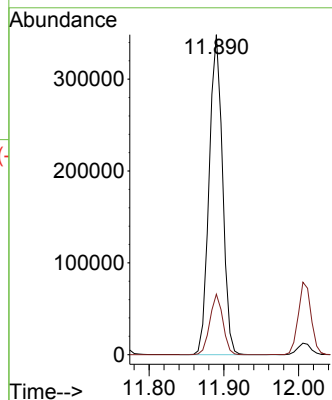
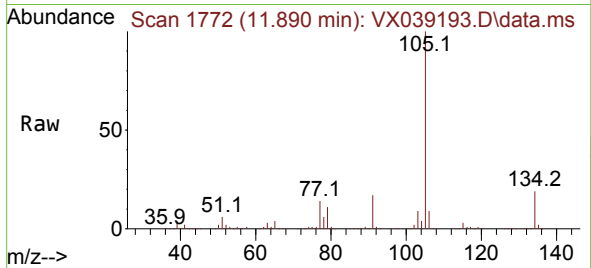




#85
 sec-Butylbenzene
 Concen: 52.148 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039193.D
 Acq: 13 Dec 2023 16:55

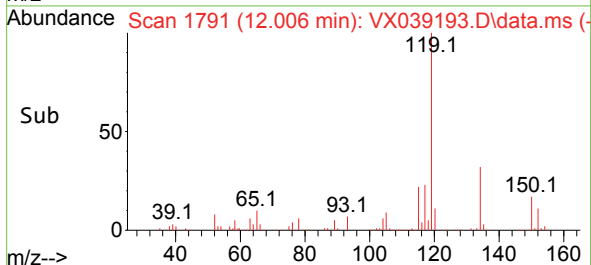
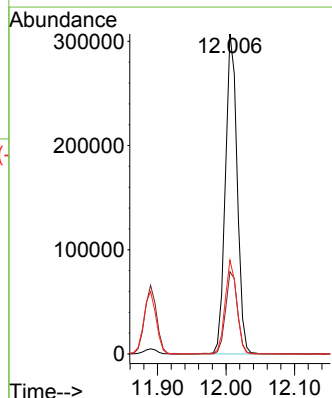
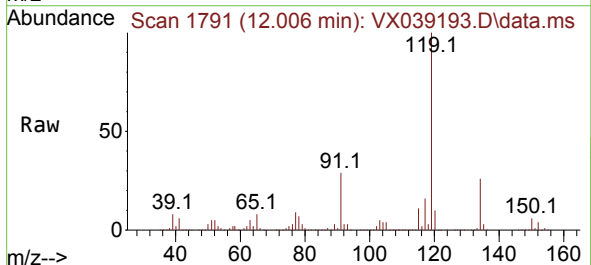
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

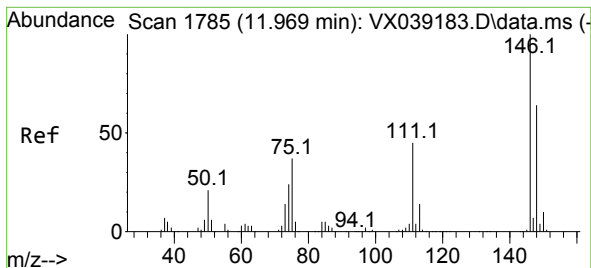
Tgt Ion:105 Resp: 433193
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 52.388 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039193.D
 Acq: 13 Dec 2023 16:55

Tgt Ion:119 Resp: 365224
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 28.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.829 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

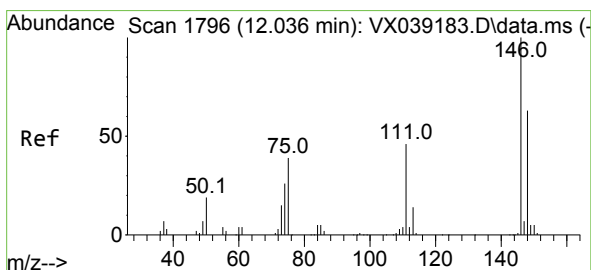
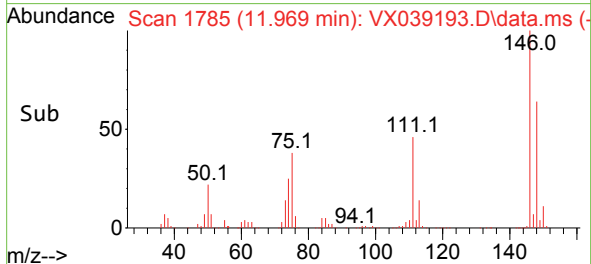
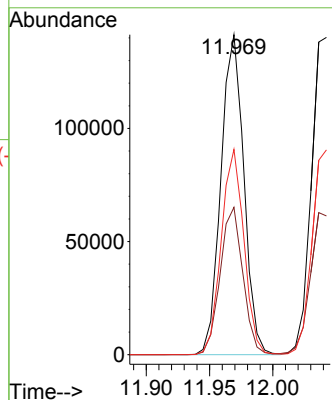
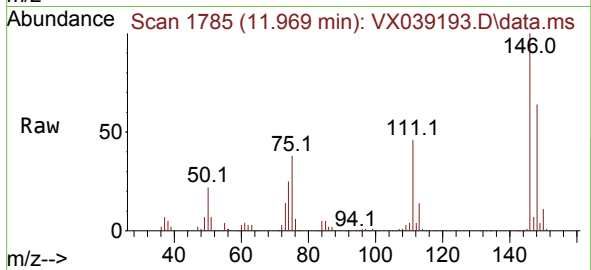
Tgt Ion:146 Resp: 177805

Ion Ratio Lower Upper

146 100

111 45.8 22.1 66.1

148 63.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 49.114 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

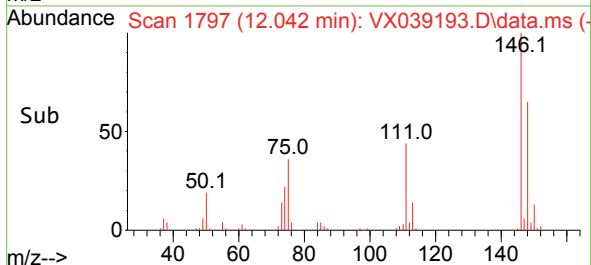
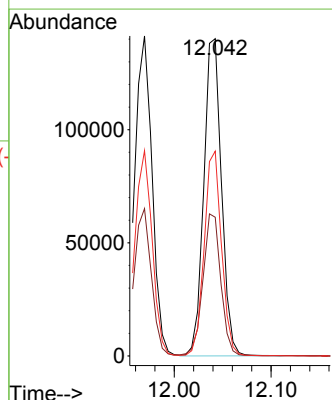
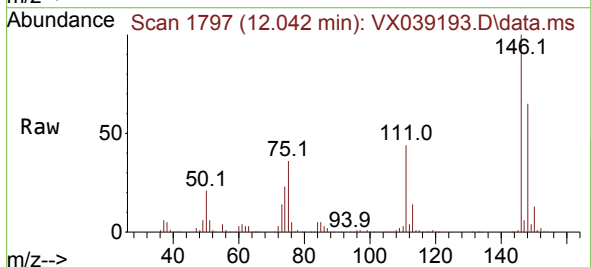
Tgt Ion:146 Resp: 178883

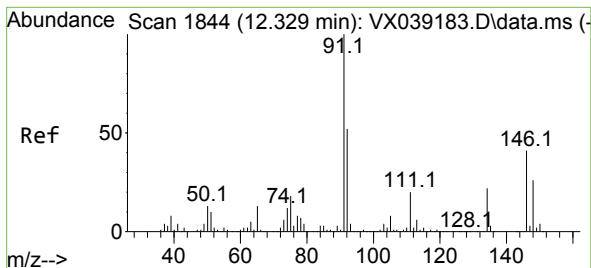
Ion Ratio Lower Upper

146 100

111 45.2 21.3 63.7

148 63.1 31.8 95.4





#89

n-Butylbenzene

Concen: 53.635 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

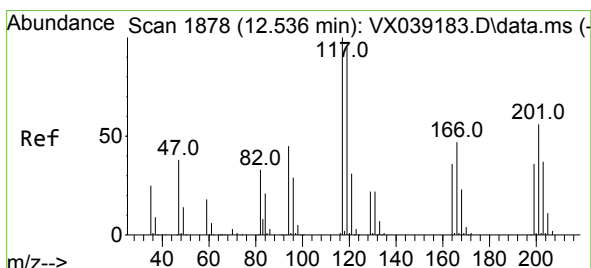
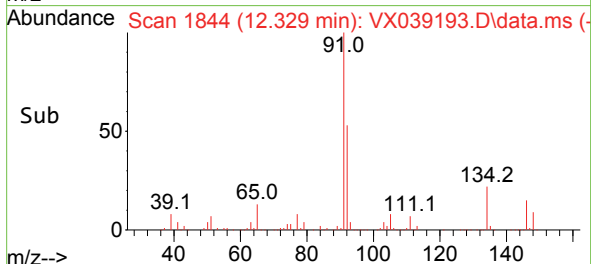
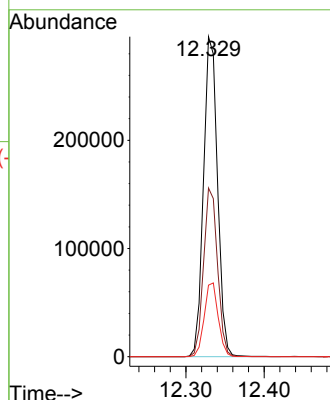
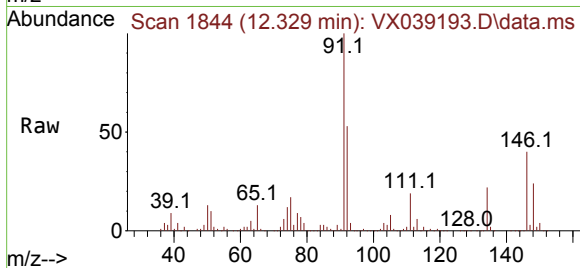
Tgt Ion: 91 Resp: 367571

Ion Ratio Lower Upper

91 100

92 52.4 27.4 82.0

134 23.0 12.6 37.8



#90

Hexachloroethane

Concen: 54.068 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039193.D

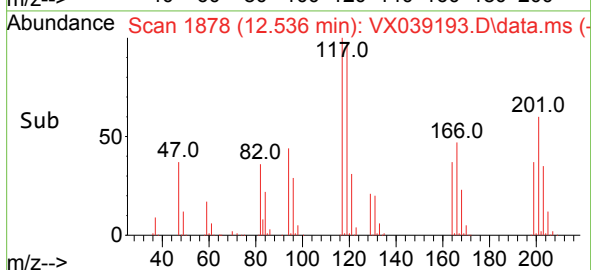
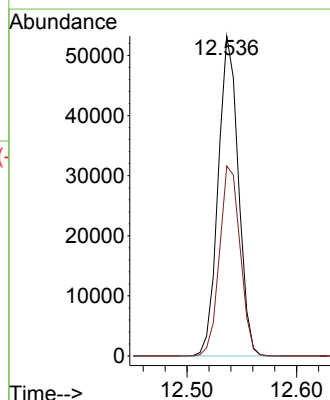
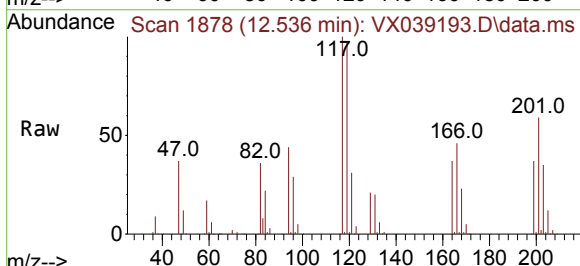
Acq: 13 Dec 2023 16:55

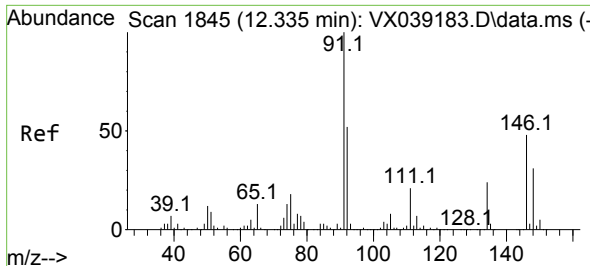
Tgt Ion: 117 Resp: 68089

Ion Ratio Lower Upper

117 100

201 60.8 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 50.497 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

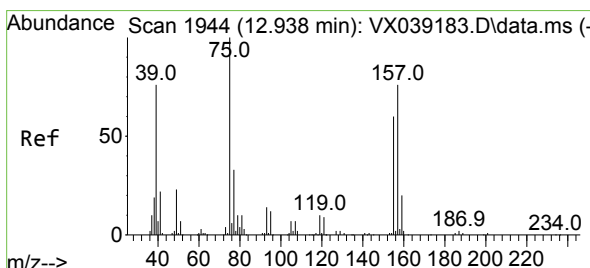
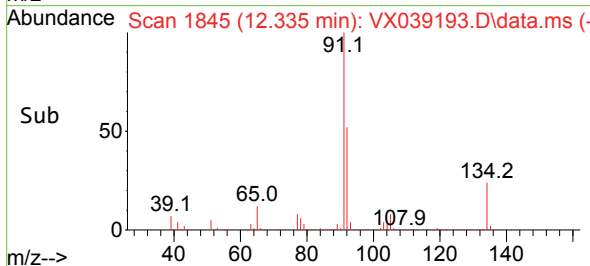
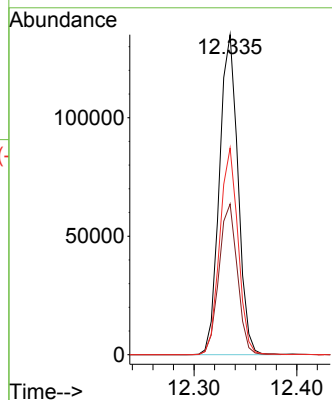
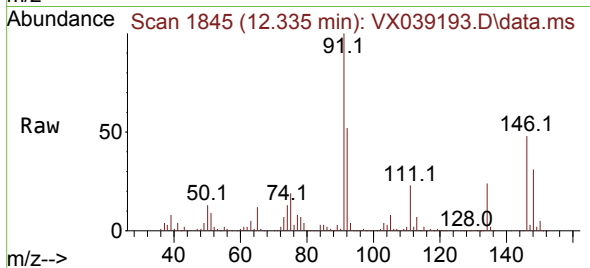
Tgt Ion:146 Resp: 169014

Ion Ratio Lower Upper

146 100

111 46.9 22.4 67.0

148 63.7 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.396 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

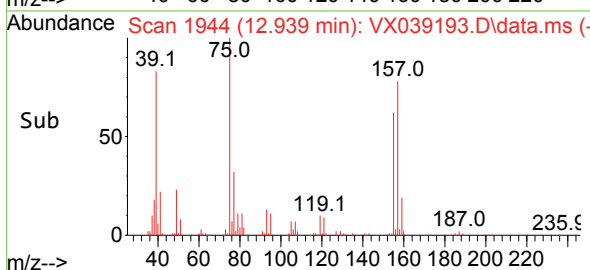
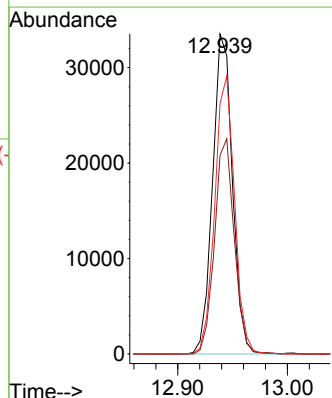
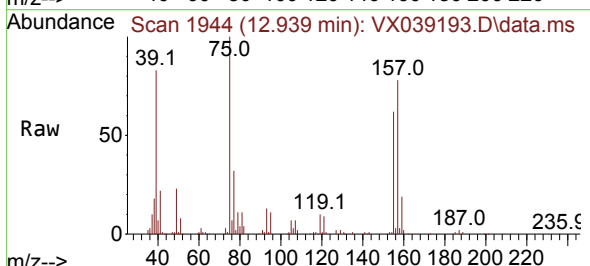
Tgt Ion: 75 Resp: 42127

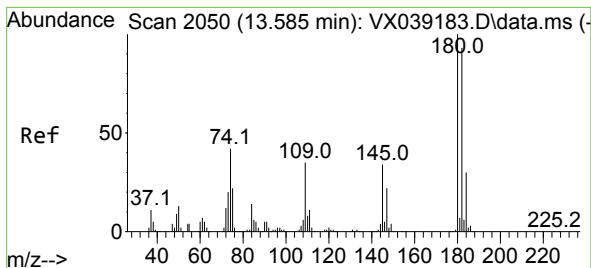
Ion Ratio Lower Upper

75 100

155 66.7 36.1 108.5

157 86.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.973 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

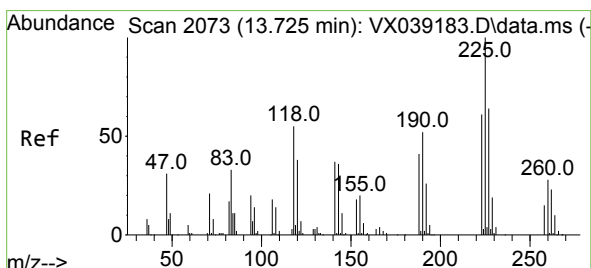
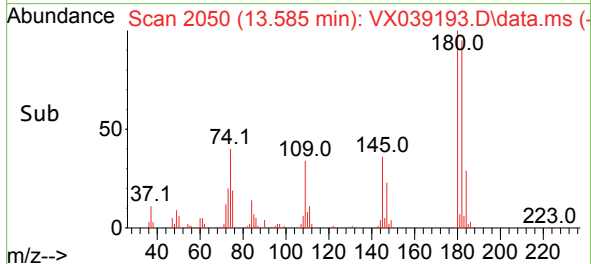
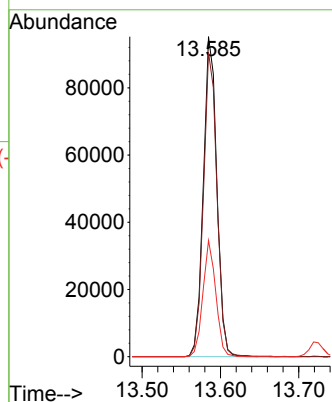
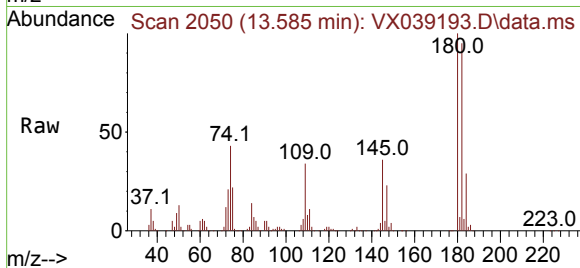
Tgt Ion:180 Resp: 113907

Ion Ratio Lower Upper

180 100

182 94.8 48.3 144.8

145 34.7 18.0 54.0



#94

Hexachlorobutadiene

Concen: 51.830 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

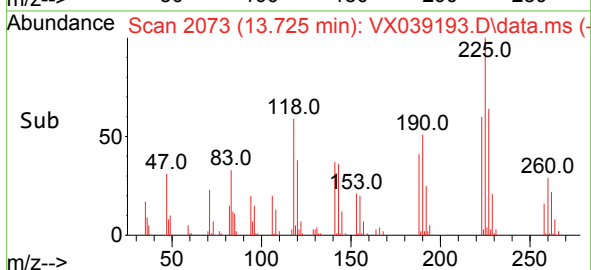
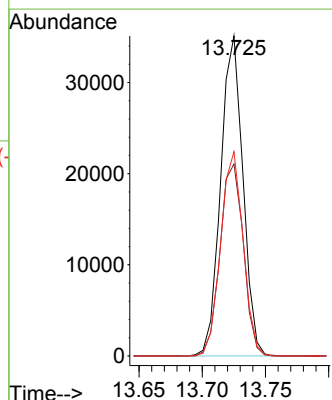
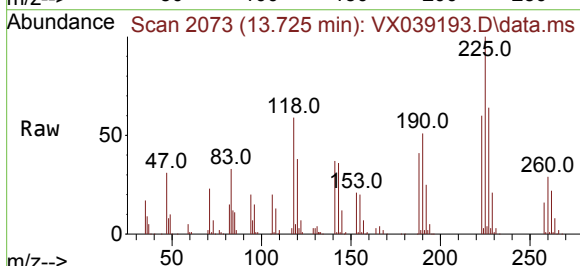
Tgt Ion:225 Resp: 42808

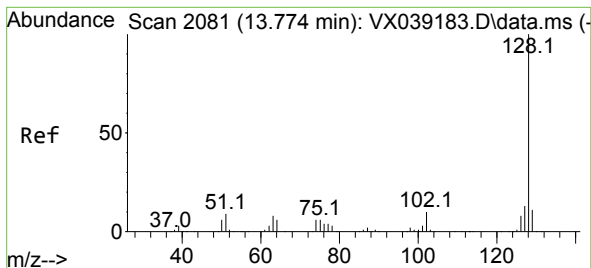
Ion Ratio Lower Upper

225 100

223 62.9 31.1 93.2

227 64.4 32.5 97.5





#95

Naphthalene

Concen: 52.695 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

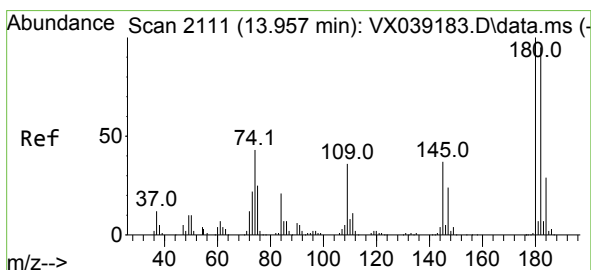
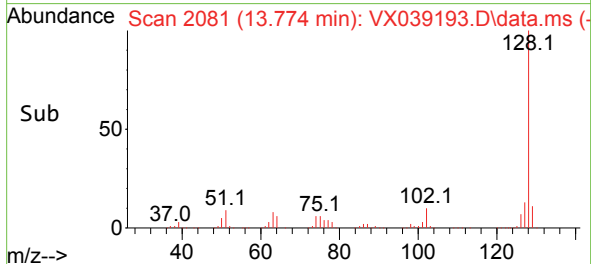
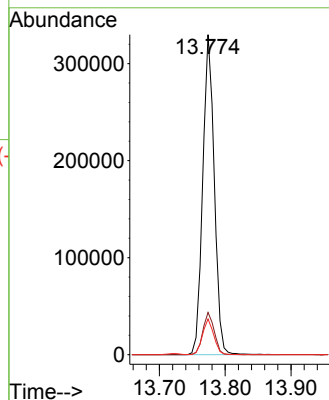
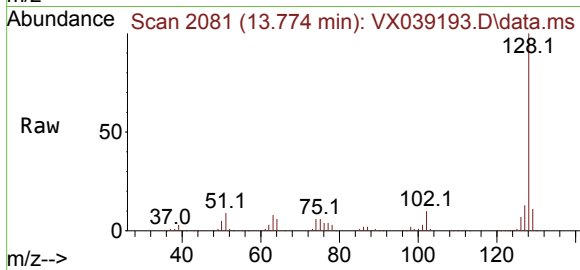
Tgt Ion:128 Resp: 402197

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 52.132 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039193.D

Acq: 13 Dec 2023 16:55

Tgt Ion:180 Resp: 110297

Ion Ratio Lower Upper

180 100

182 94.0 46.9 140.6

145 36.4 17.8 53.5

