

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034503.D
 Acq On : 15 Mar 2023 13:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 16 05:17:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	278840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	459656	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	422823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	224836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	195192	48.118	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.240%
35) Dibromofluoromethane	5.379	113	151506	49.922	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.840%
50) Toluene-d8	8.647	98	575286	50.778	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.560%
62) 4-Bromofluorobenzene	11.079	95	236154	51.605	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	121222	46.633	ug/l	100
3) Chloromethane	1.307	50	168995	42.726	ug/l	99
4) Vinyl Chloride	1.374	62	163660	46.237	ug/l	100
5) Bromomethane	1.599	94	89941	50.362	ug/l	95
6) Chloroethane	1.679	64	103667	50.868	ug/l	98
7) Trichlorofluoromethane	1.886	101	271893	51.122	ug/l	97
8) Diethyl Ether	2.130	74	97455	50.196	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	145883	47.066	ug/l	99
10) Methyl Iodide	2.447	142	198072	48.674	ug/l	98
11) Tert butyl alcohol	2.953	59	167822	198.665	ug/l	100
12) 1,1-Dichloroethene	2.319	96	138079	45.234	ug/l	99
13) Acrolein	2.233	56	191587	286.688	ug/l	99
14) Allyl chloride	2.660	41	264746	42.779	ug/l	99
15) Acrylonitrile	3.056	53	421269	230.856	ug/l	99
16) Acetone	2.374	43	450183	235.594	ug/l	99
17) Carbon Disulfide	2.508	76	339901	39.567	ug/l	100
18) Methyl Acetate	2.697	43	281652	45.110	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	500313	45.776	ug/l	100
20) Methylene Chloride	2.782	84	163872	44.188	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	150280	46.357	ug/l	99
22) Diisopropyl ether	3.757	45	554803	47.020	ug/l	93
23) Vinyl Acetate	3.715	43	2120107	236.092	ug/l	99
24) 1,1-Dichloroethane	3.605	63	290653	45.824	ug/l	99
25) 2-Butanone	4.550	43	641318	234.559	ug/l	98
26) 2,2-Dichloropropane	4.471	77	249393	45.234	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	178162	45.653	ug/l	98
28) Bromochloromethane	4.891	49	140743	47.723	ug/l	100
29) Tetrahydrofuran	4.995	42	389840	231.067	ug/l	99
30) Chloroform	5.086	83	300622	48.352	ug/l	98
31) Cyclohexane	5.471	56	261595	45.982	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	259951	47.229	ug/l	99
36) 1,1-Dichloropropene	5.690	75	221319	47.480	ug/l	99
37) Ethyl Acetate	4.708	43	236519	46.446	ug/l	99
38) Carbon Tetrachloride	5.678	117	220463	47.542	ug/l	100
39) Methylcyclohexane	7.379	83	271083	48.595	ug/l	95
40) Benzene	6.038	78	647316	47.470	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	132688	47.545	ug/l	99
42) 1,2-Dichloroethane	6.080	62	248451	49.575	ug/l	99
43) Isopropyl Acetate	6.336	43	408161	47.313	ug/l	100
44) Trichloroethene	7.123	130	164326	46.380	ug/l	99
45) 1,2-Dichloropropane	7.428	63	171335	48.121	ug/l	100
46) Dibromomethane	7.580	93	117788	48.661	ug/l	98
47) Bromodichloromethane	7.818	83	231579	49.432	ug/l	97
48) Methyl methacrylate	7.690	41	199342	48.045	ug/l	97
49) 1,4-Dioxane	7.653	88	81597	936.323	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1239780	247.732	ug/l	99
52) Toluene	8.714	92	417266	49.426	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	260328	49.324	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	275350	48.221	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	168913	50.415	ug/l	97
56) Ethyl methacrylate	9.116	69	272500	49.536	ug/l	99
57) 1,3-Dichloropropane	9.305	76	293032	49.210	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	671054	236.702	ug/l	100
59) 2-Hexanone	9.427	43	972774	251.455	ug/l	100
60) Dibromochloromethane	9.519	129	176386	50.196	ug/l	99
61) 1,2-Dibromoethane	9.610	107	178580	49.393	ug/l	100
64) Tetrachloroethene	9.269	164	137586	48.441	ug/l	98
65) Chlorobenzene	10.079	112	446381	48.117	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	166689	49.334	ug/l	99
67) Ethyl Benzene	10.195	91	830559	50.009	ug/l	97
68) m/p-Xylenes	10.299	106	624822	97.937	ug/l	99
69) o-Xylene	10.640	106	308917	48.250	ug/l	98
70) Styrene	10.653	104	519478	50.290	ug/l	100
71) Bromoform	10.799	173	125585	48.286	ug/l #	100
73) Isopropylbenzene	10.963	105	823588	47.395	ug/l	99
74) N-amyl acetate	10.842	43	395630	47.534	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	272312	46.961	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	304112	58.908	ug/l	83
77) Bromobenzene	11.195	156	193080	46.312	ug/l	99
78) n-propylbenzene	11.305	91	982549	48.960	ug/l	99
79) 2-Chlorotoluene	11.366	91	595906	48.079	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	707469	48.539	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	82101	43.023	ug/l	94
82) 4-Chlorotoluene	11.451	91	692151	48.482	ug/l	100
83) tert-Butylbenzene	11.713	119	694415	47.253	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	714511	47.967	ug/l	99
85) sec-Butylbenzene	11.890	105	883574	49.181	ug/l	100
86) p-Isopropyltoluene	12.006	119	743624	49.249	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	383453	46.941	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	384728	46.578	ug/l	100
89) n-Butylbenzene	12.335	91	676202	50.376	ug/l	99
90) Hexachloroethane	12.536	117	130622	46.752	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	373081	47.259	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	59296	45.008	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	232374	47.071	ug/l	99
94) Hexachlorobutadiene	13.725	225	96073	48.306	ug/l	99
95) Naphthalene	13.774	128	769578	46.487	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	231110	47.892	ug/l	98

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ClientSampleId :
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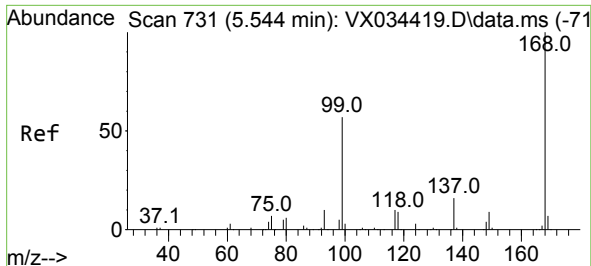
Quant Time: Mar 16 05:17:11 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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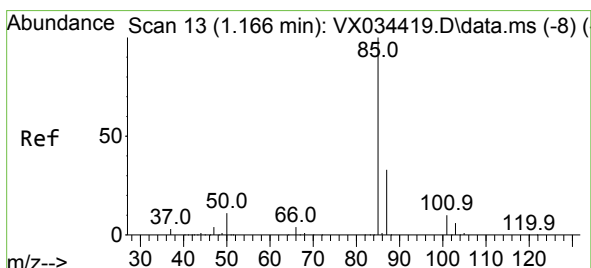
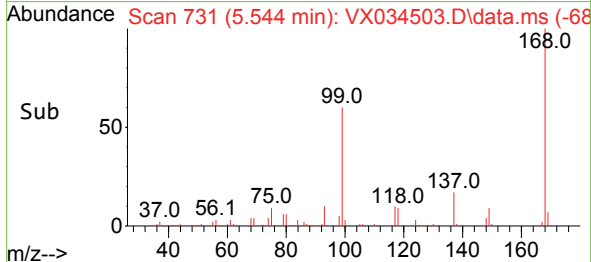
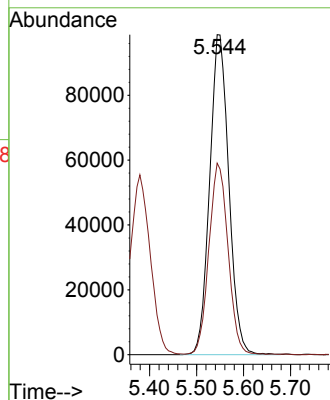
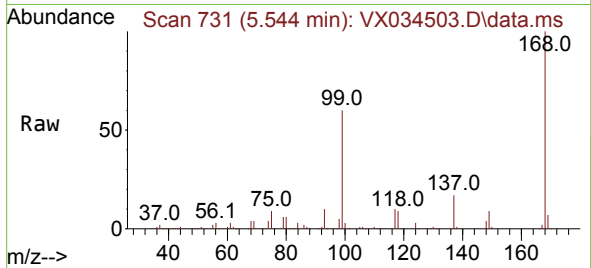




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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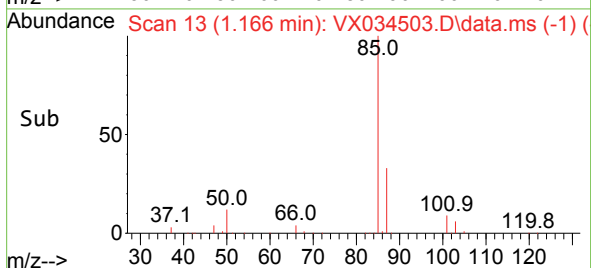
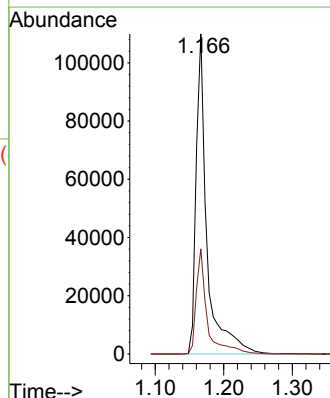
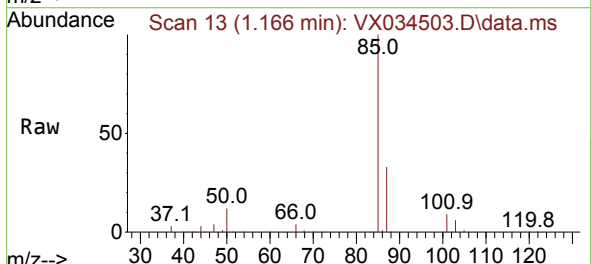
Instrument :
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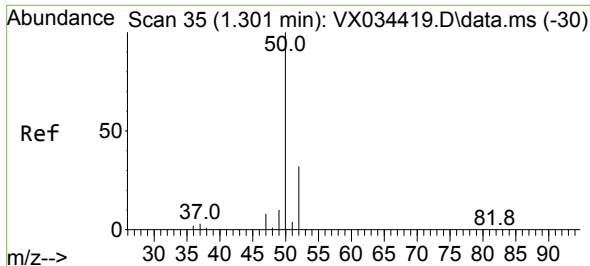
Tgt Ion:168 Resp: 278840
Ion Ratio Lower Upper
168 100
99 59.8 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 46.633 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 85 Resp: 121222
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.1

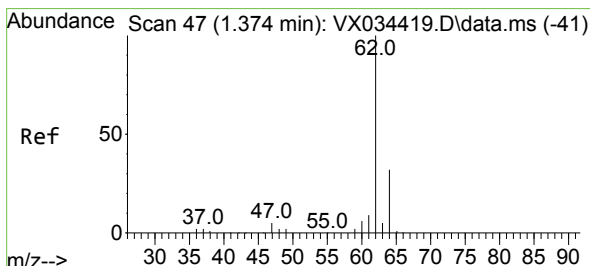
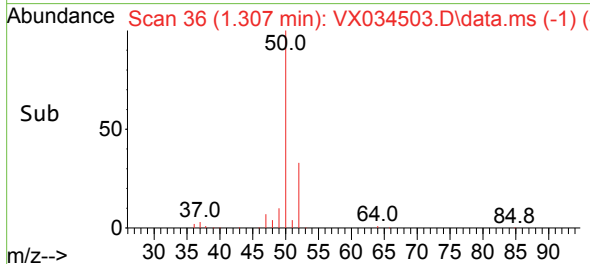
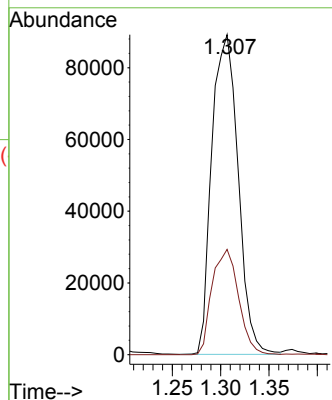
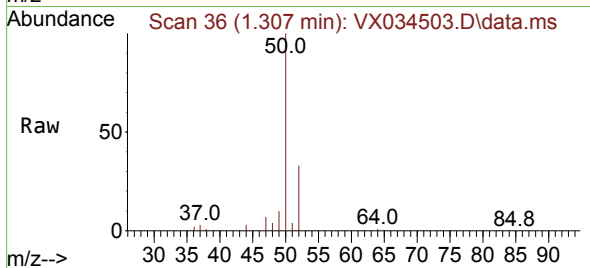




#3
Chloromethane
Concen: 42.726 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

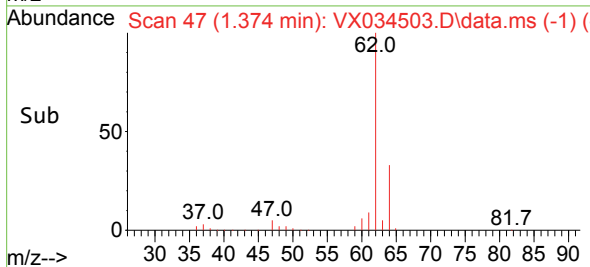
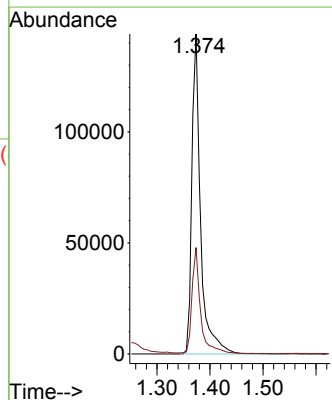
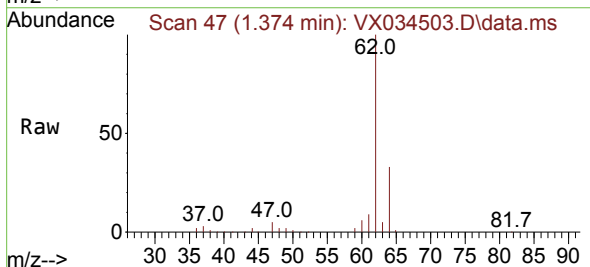
Instrument :
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ClientSampleId :
VSTDCCC050

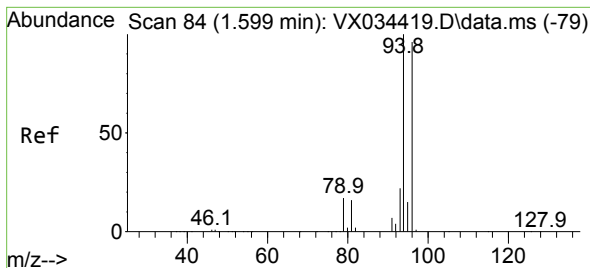
Tgt Ion: 50 Resp: 168995
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9



#4
Vinyl Chloride
Concen: 46.237 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 62 Resp: 163660
Ion Ratio Lower Upper
62 100
64 33.1 26.4 39.6





#5

Bromomethane

Concen: 50.362 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

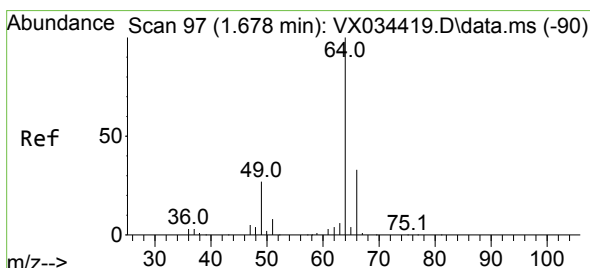
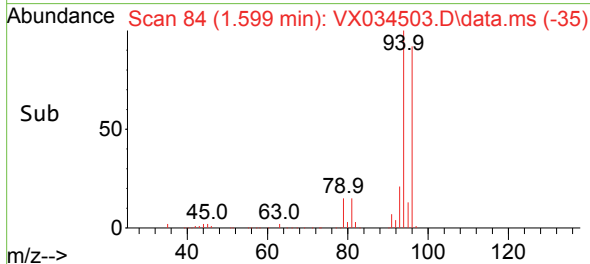
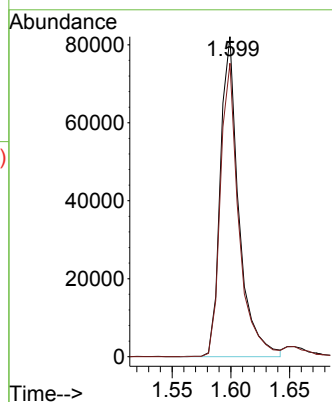
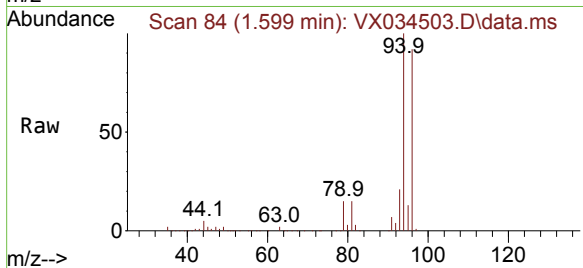
VSTDCCC050

Tgt Ion: 94 Resp: 89941

Ion Ratio Lower Upper

94 100

96 91.7 77.0 115.6



#6

Chloroethane

Concen: 50.868 ug/l

RT: 1.679 min Scan# 97

Delta R.T. 0.001 min

Lab File: VX034503.D

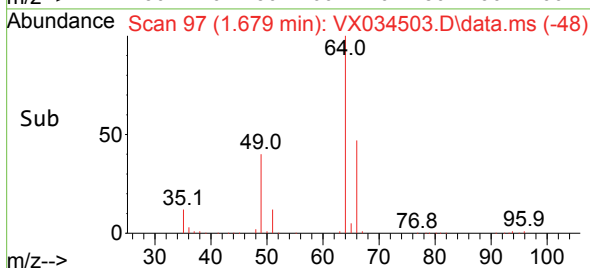
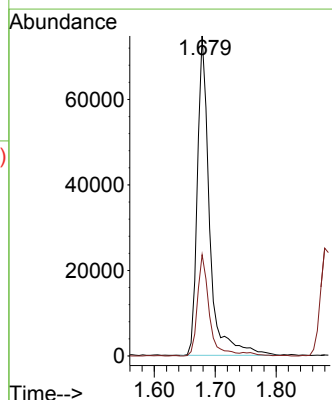
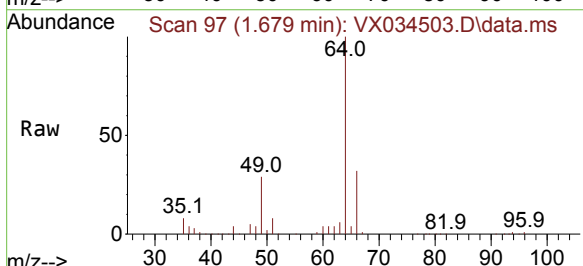
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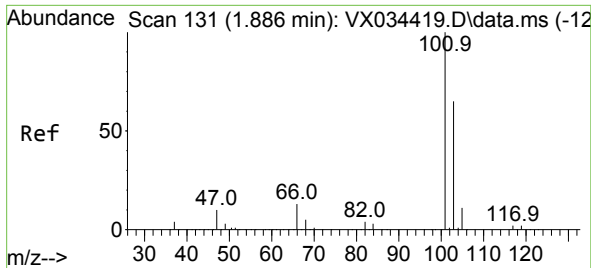
Tgt Ion: 64 Resp: 103667

Ion Ratio Lower Upper

64 100

66 31.7 26.2 39.4

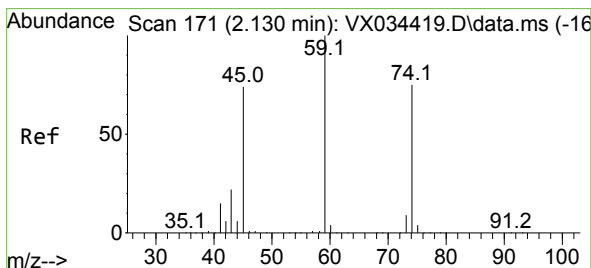
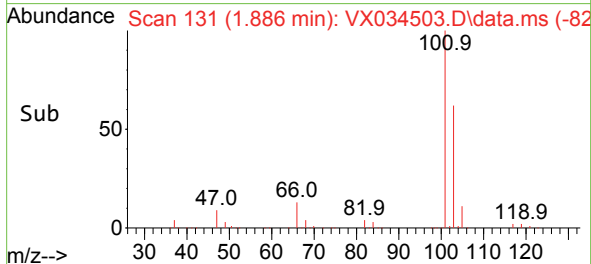
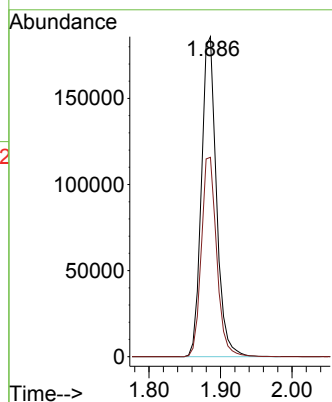
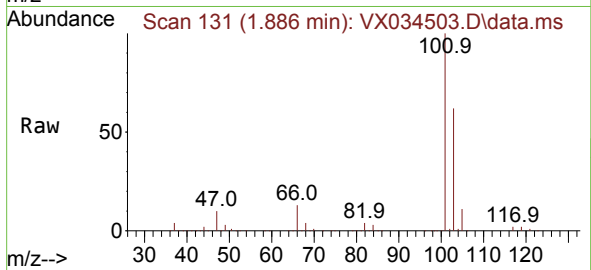




#7
 Trichlorofluoromethane
 Concen: 51.122 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX034503.D
 Acq: 15 Mar 2023 13:04

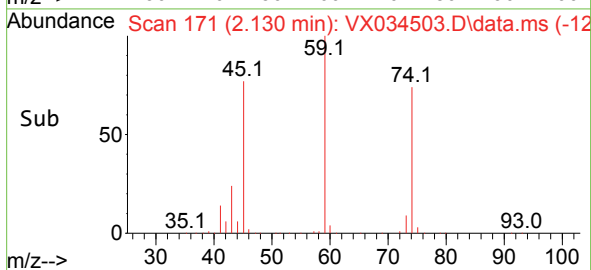
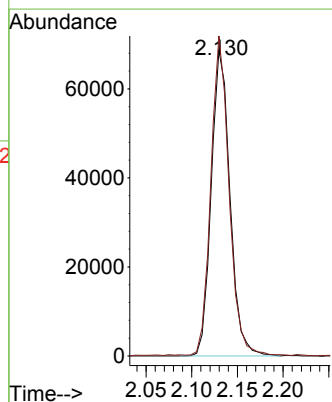
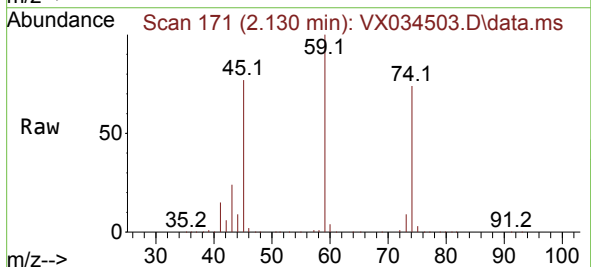
Instrument :
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 VSTDCCC050

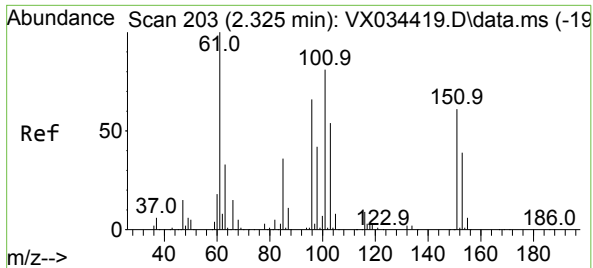
Tgt Ion:101 Resp: 271893
 Ion Ratio Lower Upper
 101 100
 103 62.3 52.0 78.0



#8
 Diethyl Ether
 Concen: 50.196 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX034503.D
 Acq: 15 Mar 2023 13:04

Tgt Ion: 74 Resp: 97455
 Ion Ratio Lower Upper
 74 100
 45 102.0 49.8 149.3

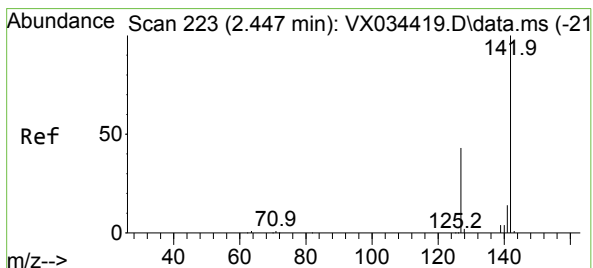
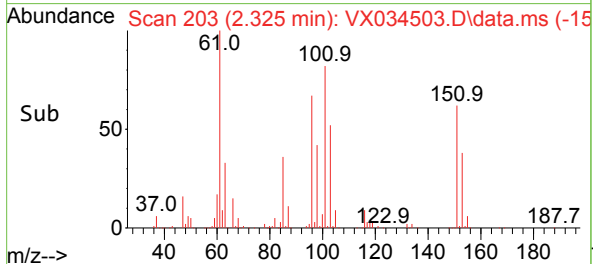
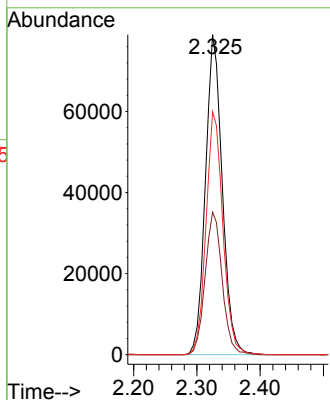
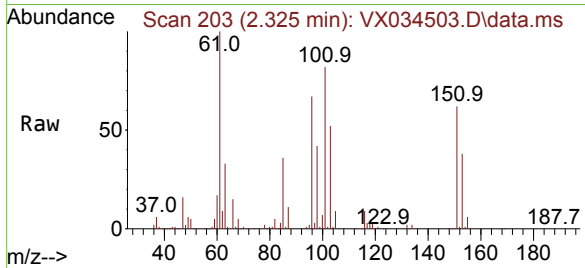




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.066 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034503.D
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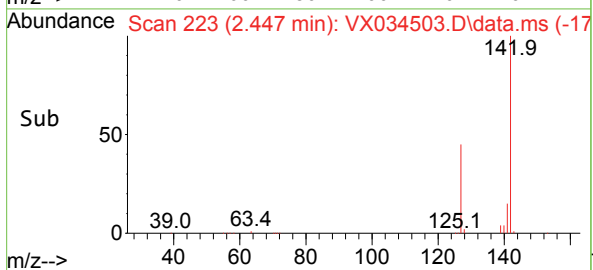
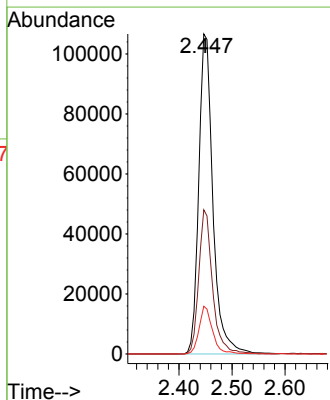
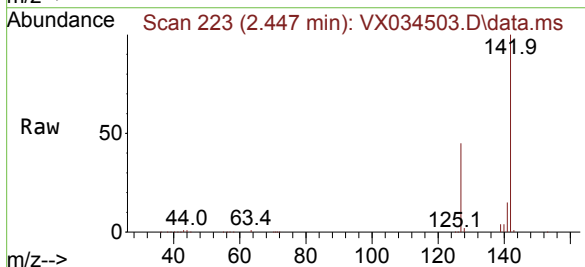
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

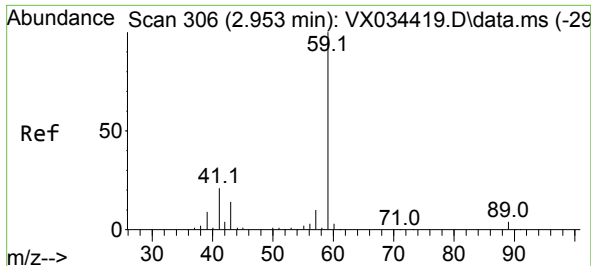
Tgt Ion:101 Resp: 145883
Ion Ratio Lower Upper
101 100
85 45.2 35.4 53.2
151 76.2 60.2 90.4



#10
Methyl Iodide
Concen: 48.674 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion:142 Resp: 198072
Ion Ratio Lower Upper
142 100
127 44.0 34.0 51.0
141 14.2 11.1 16.7

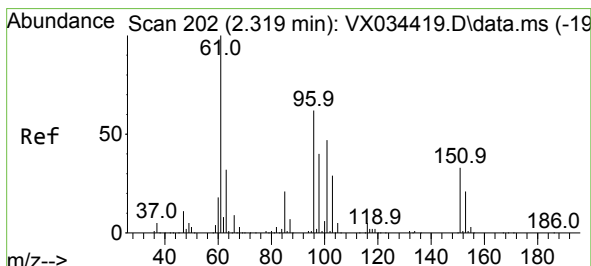
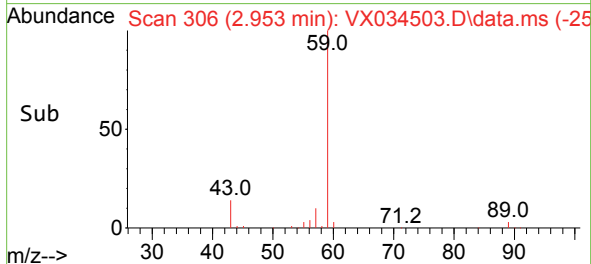
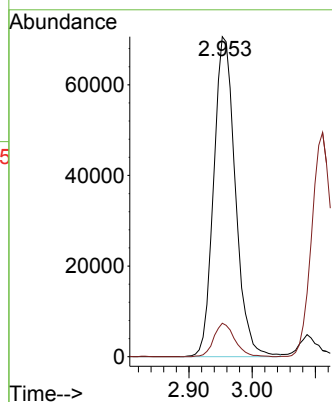
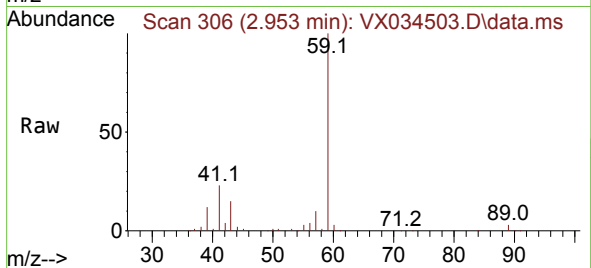




#11
Tert butyl alcohol
Concen: 198.665 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

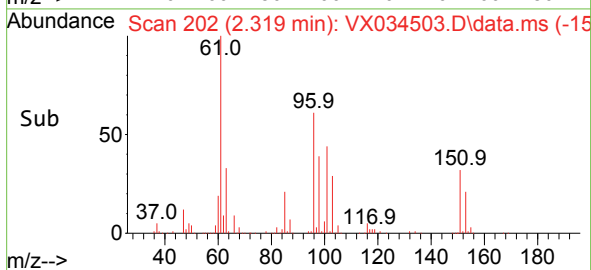
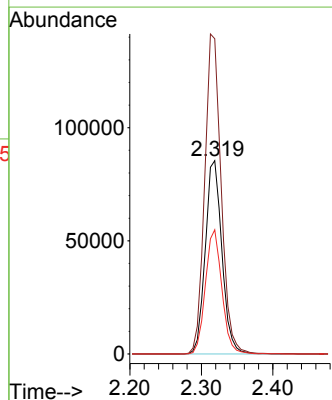
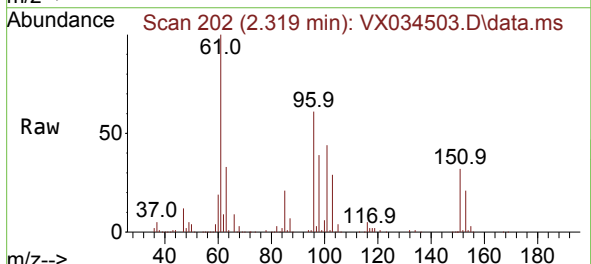
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

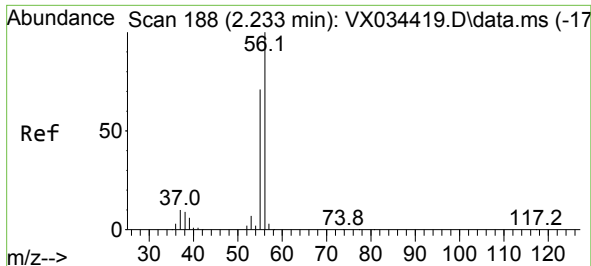
Tgt Ion: 59 Resp: 167822
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 45.234 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 96 Resp: 138079
Ion Ratio Lower Upper
96 100
61 163.1 128.8 193.2
98 64.2 51.4 77.0

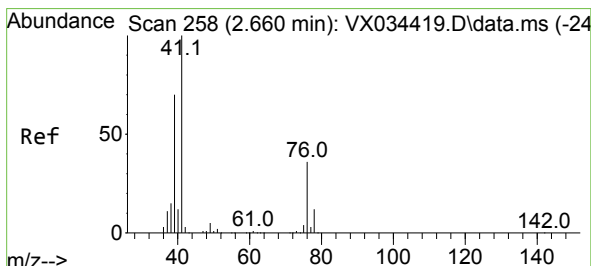
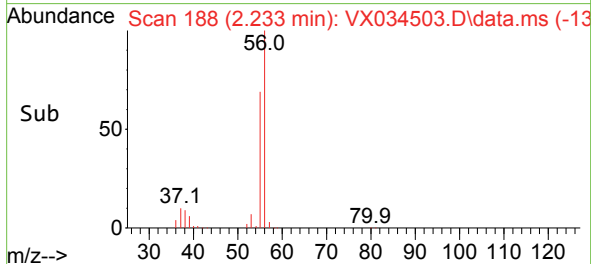
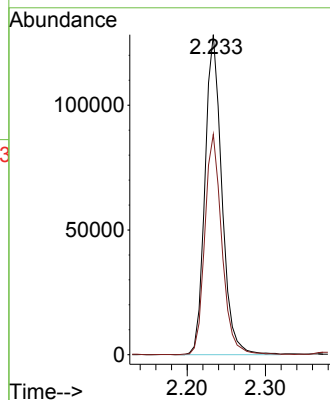
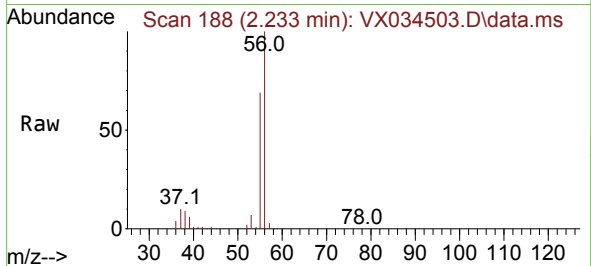




#13
Acrolein
Concen: 286.688 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

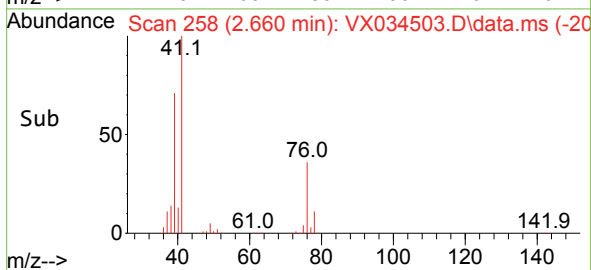
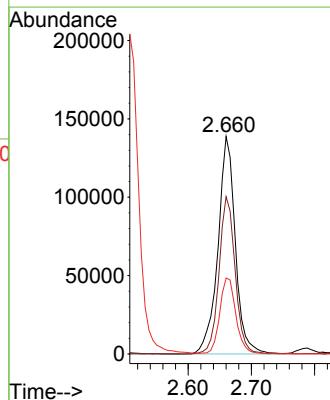
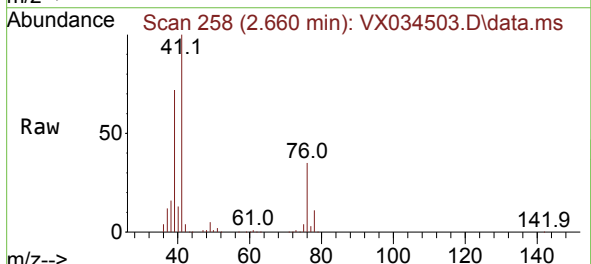
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

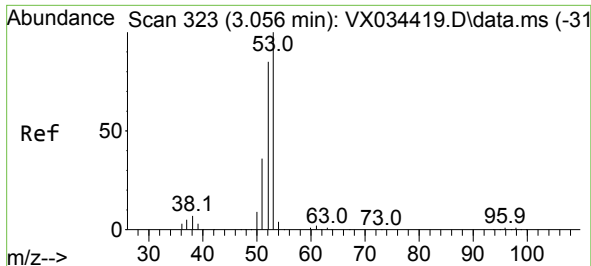
Tgt Ion: 56 Resp: 191587
Ion Ratio Lower Upper
56 100
55 69.7 56.6 85.0



#14
Allyl chloride
Concen: 42.779 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 41 Resp: 264746
Ion Ratio Lower Upper
41 100
39 67.0 52.4 78.6
76 32.5 26.0 39.0

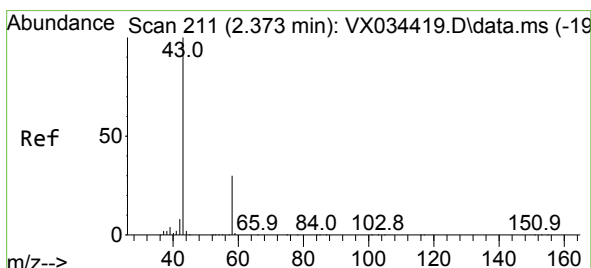
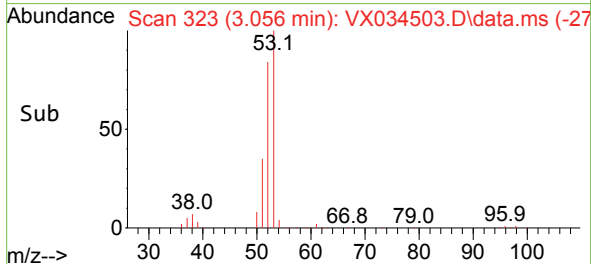
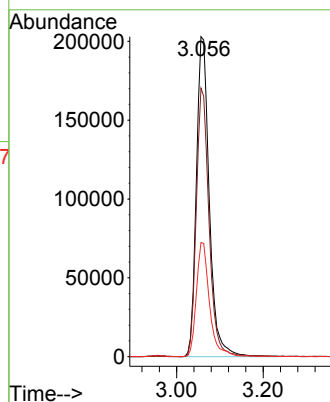
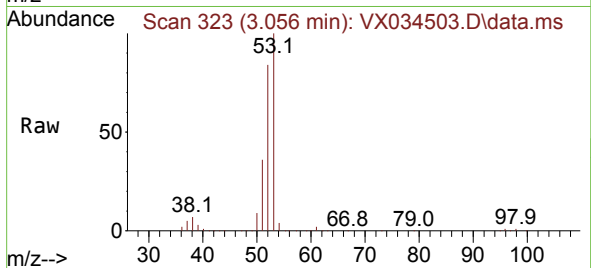




#15
Acrylonitrile
Concen: 230.856 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

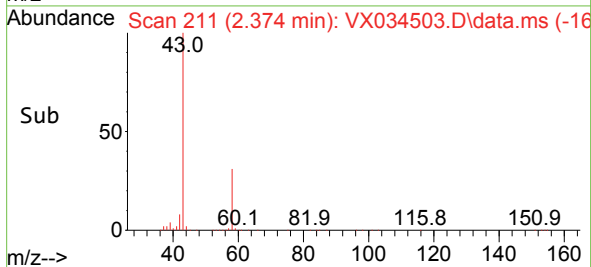
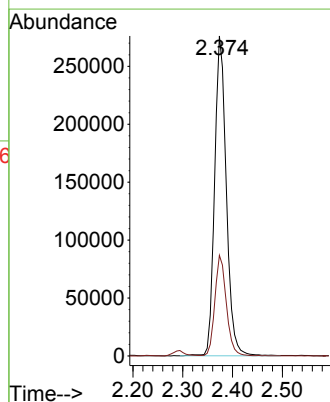
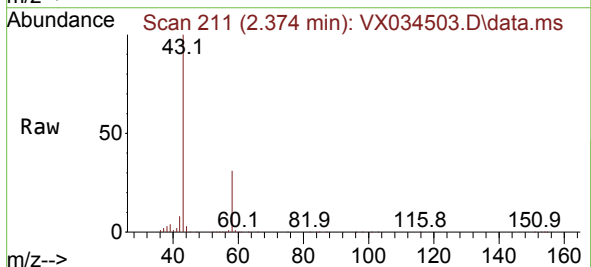
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

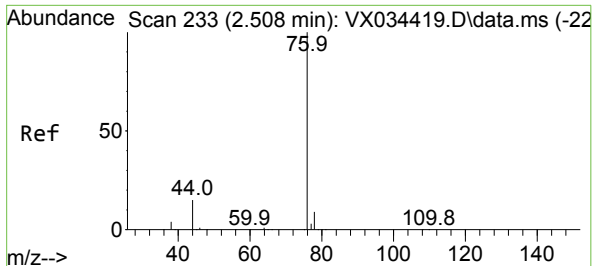
Tgt Ion: 53 Resp: 421269
Ion Ratio Lower Upper
53 100
52 82.2 66.2 99.2
51 36.3 28.3 42.5



#16
Acetone
Concen: 235.594 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 43 Resp: 450183
Ion Ratio Lower Upper
43 100
58 31.4 24.7 37.1

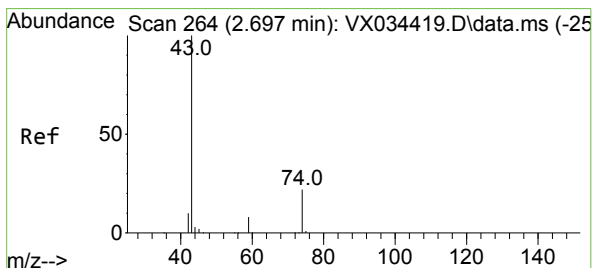
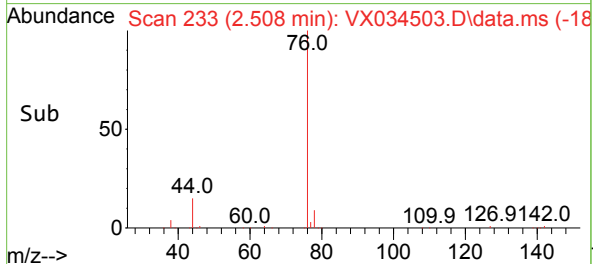
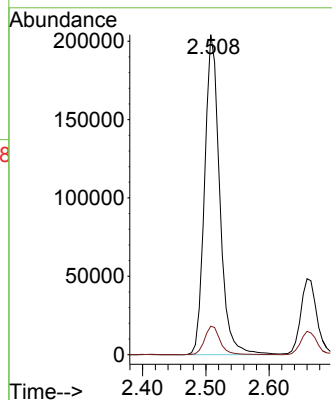
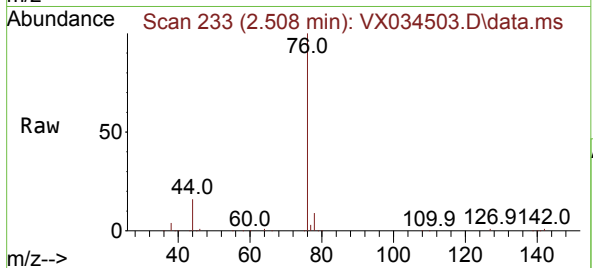




#17
Carbon Disulfide
Concen: 39.567 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

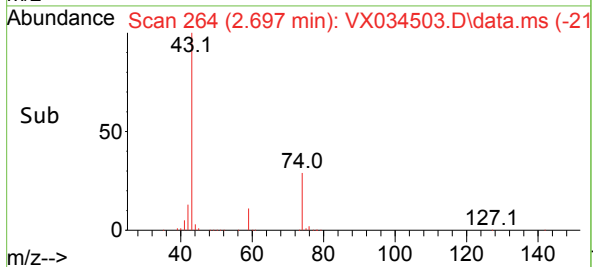
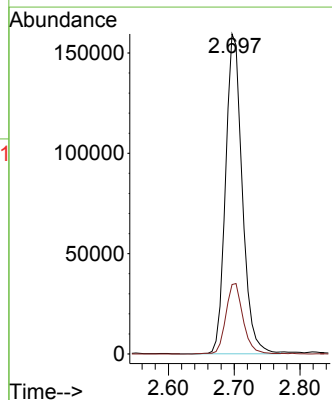
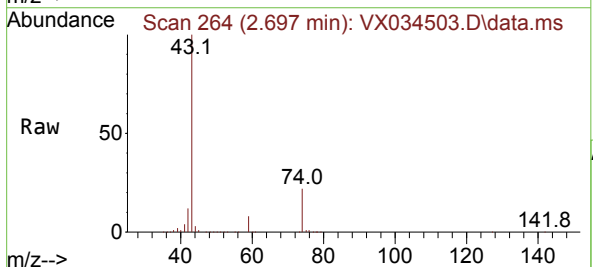
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

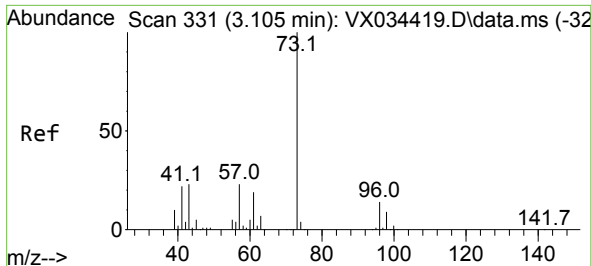
Tgt Ion: 76 Resp: 339901
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 45.110 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 43 Resp: 281652
Ion Ratio Lower Upper
43 100
74 22.8 18.3 27.5

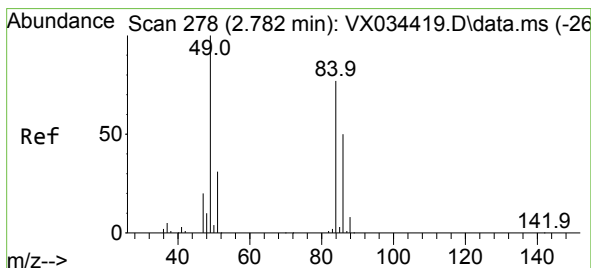
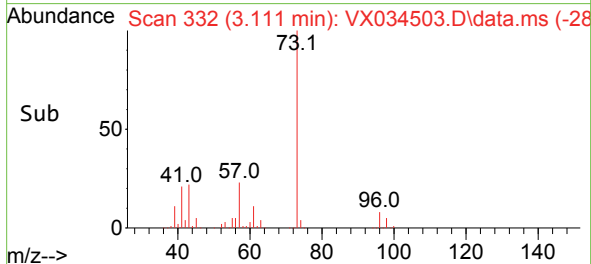
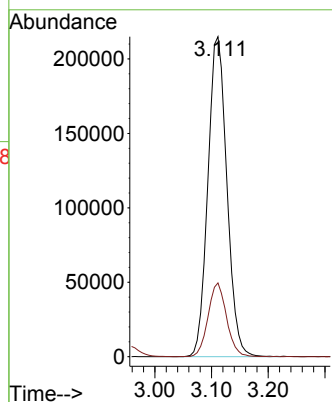
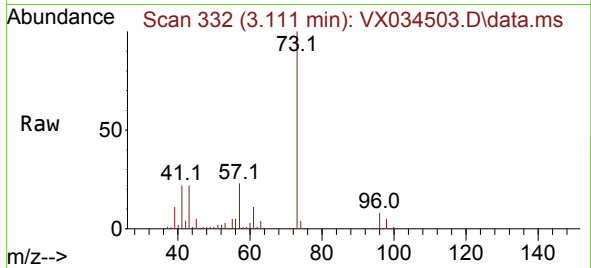




#19
Methyl tert-butyl Ether
Concen: 45.776 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

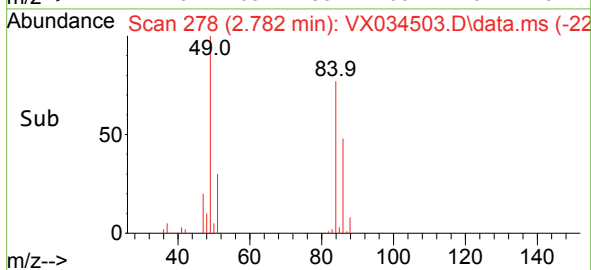
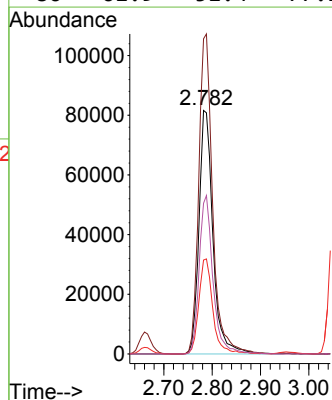
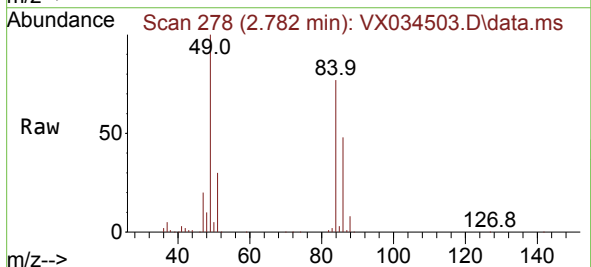
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

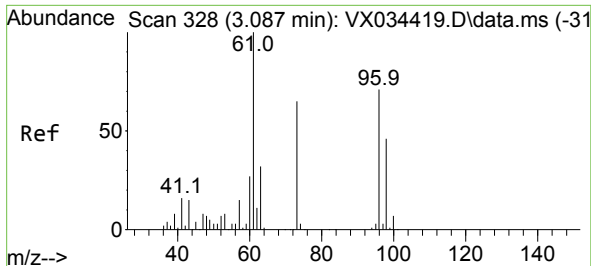
Tgt Ion: 73 Resp: 500313
Ion Ratio Lower Upper
73 100
57 23.0 18.5 27.7



#20
Methylene Chloride
Concen: 44.188 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 84 Resp: 163872
Ion Ratio Lower Upper
84 100
49 129.4 103.8 155.8
51 38.6 31.8 47.8
86 61.9 51.4 77.2

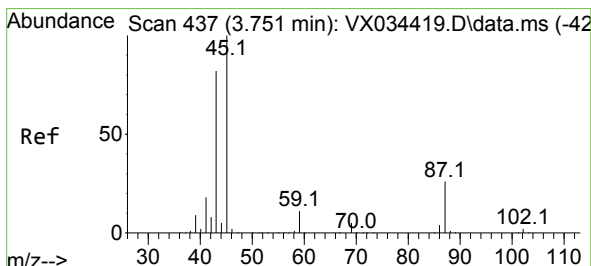
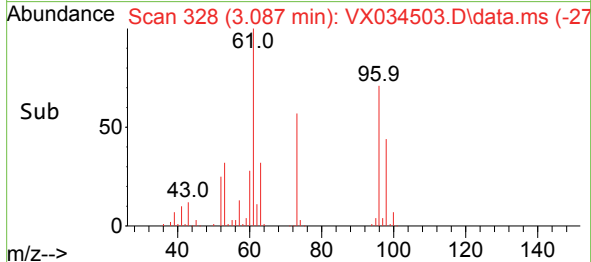
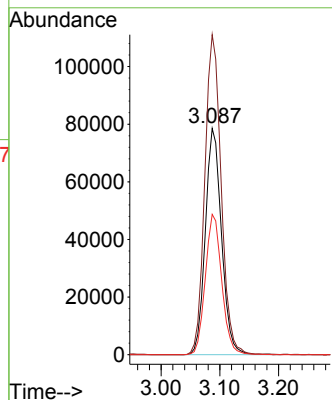
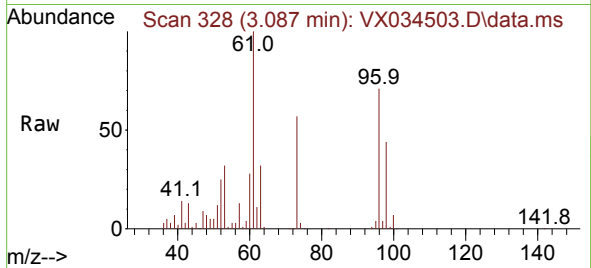




#21
trans-1,2-Dichloroethene
Concen: 46.357 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

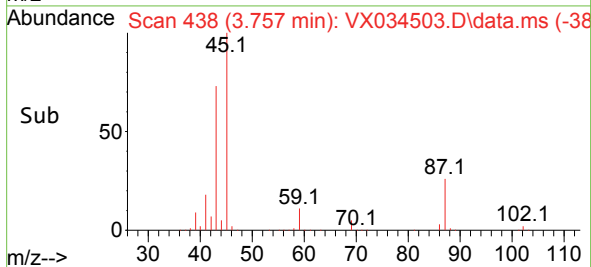
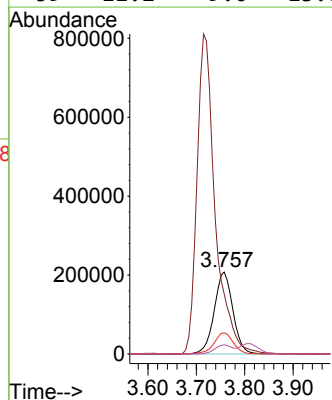
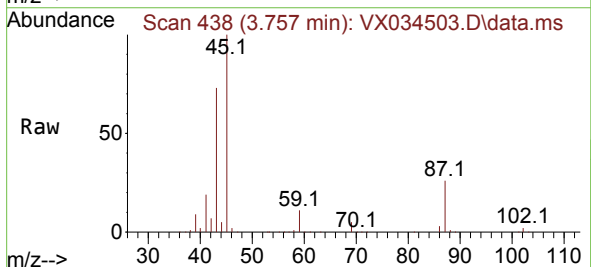
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

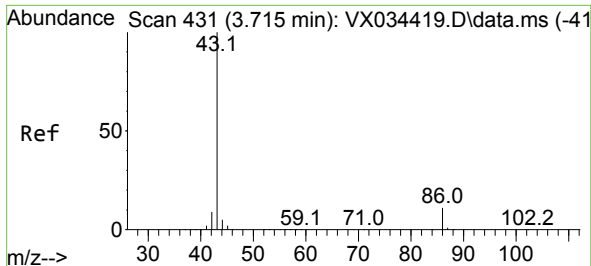
Tgt Ion: 96 Resp: 150280
Ion Ratio Lower Upper
96 100
61 141.4 113.0 169.6
98 62.0 52.1 78.1



#22
Diisopropyl ether
Concen: 47.020 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 45 Resp: 554803
Ion Ratio Lower Upper
45 100
43 73.2 65.4 98.2
87 25.8 20.6 31.0
59 11.2 9.0 13.6

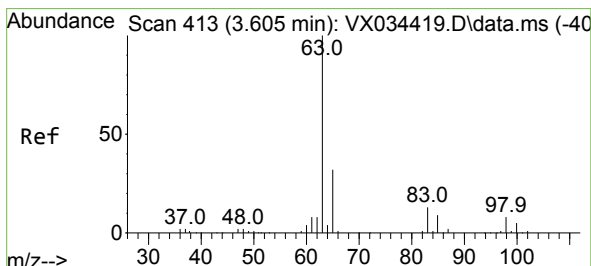
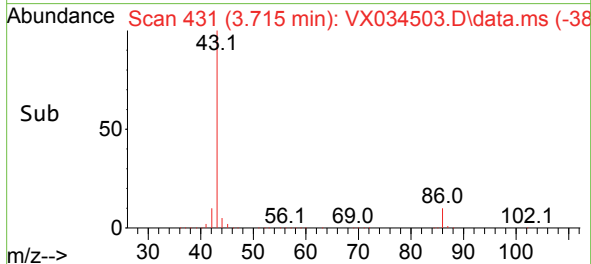
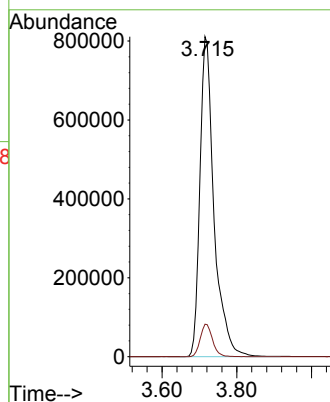
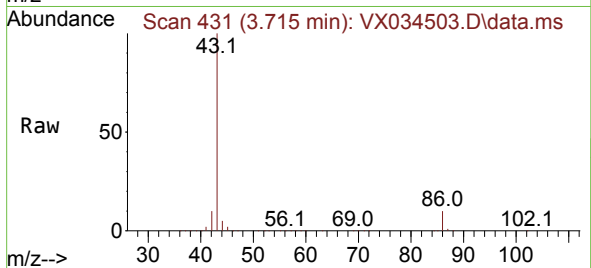




#23
 Vinyl Acetate
 Concen: 236.092 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034503.D
 Acq: 15 Mar 2023 13:04

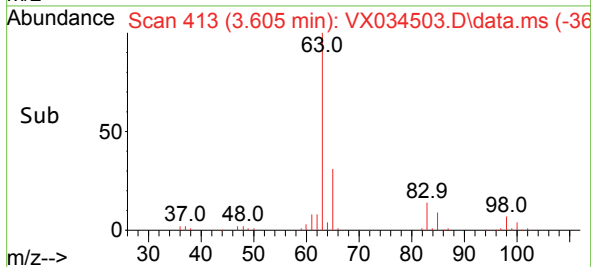
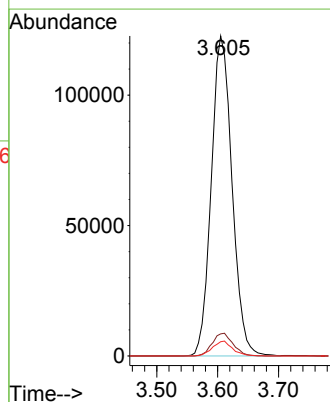
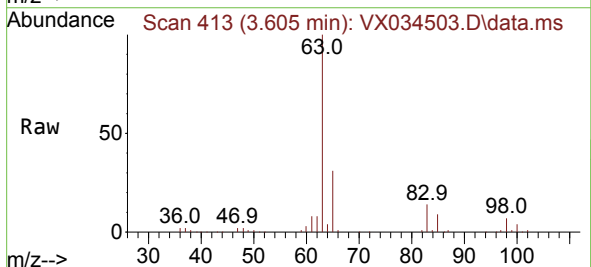
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

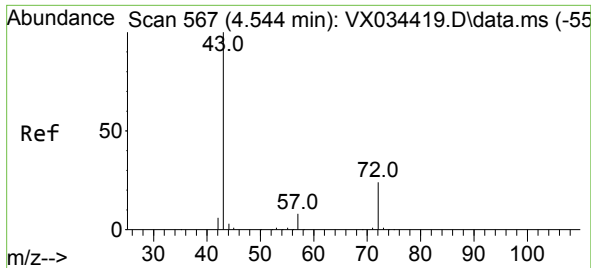
Tgt Ion: 43 Resp: 2120107
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 45.824 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034503.D
 Acq: 15 Mar 2023 13:04

Tgt Ion: 63 Resp: 290653
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.4 2.4 7.1

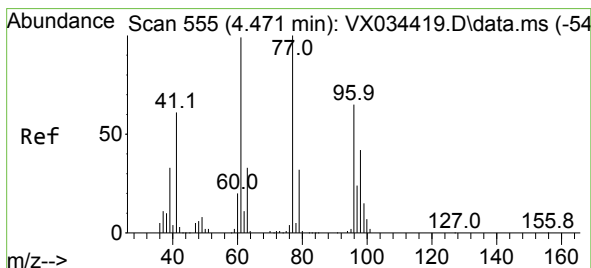
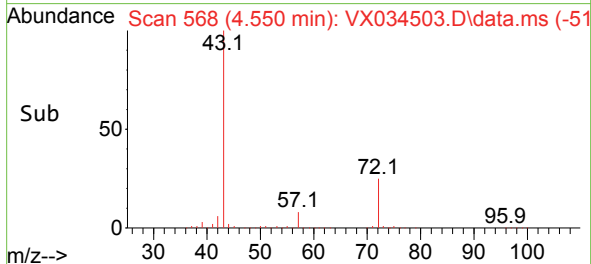
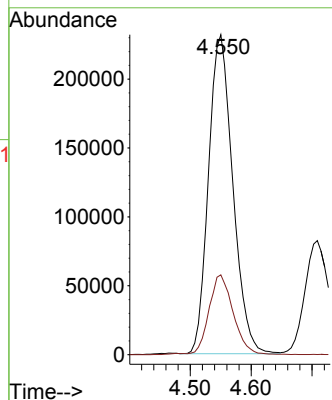
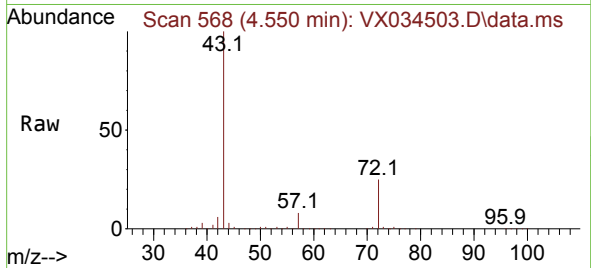




#25
2-Butanone
Concen: 234.559 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

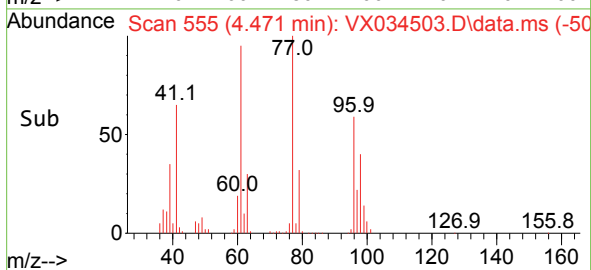
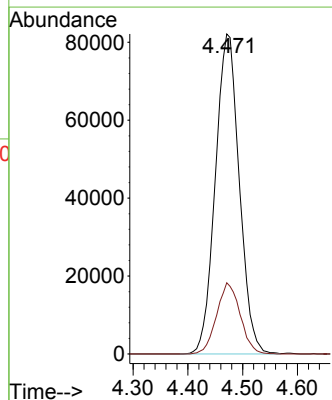
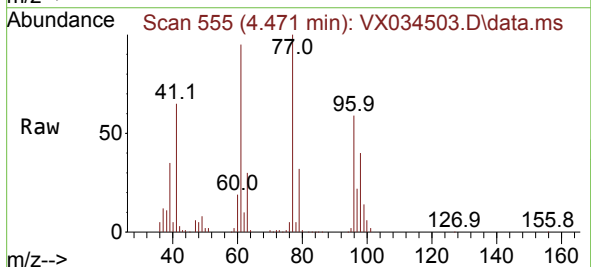
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

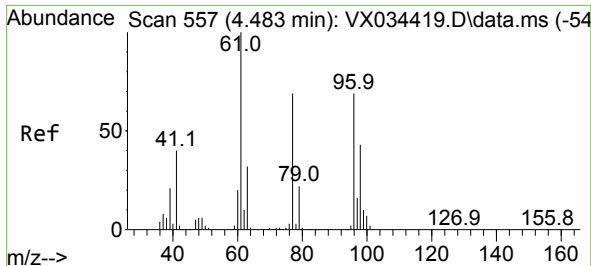
Tgt Ion: 43 Resp: 641318
Ion Ratio Lower Upper
43 100
72 24.9 19.3 28.9



#26
2,2-Dichloropropane
Concen: 45.234 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 77 Resp: 249393
Ion Ratio Lower Upper
77 100
97 21.8 11.4 34.1

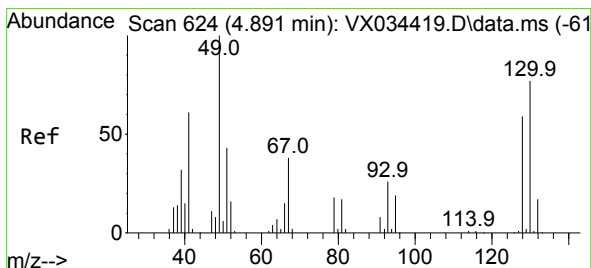
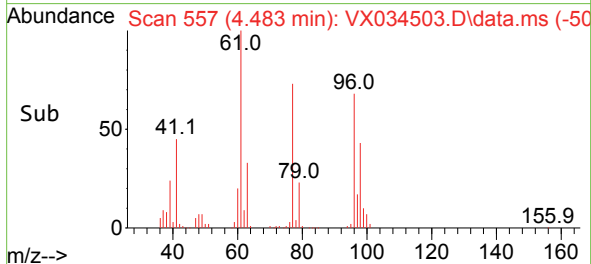
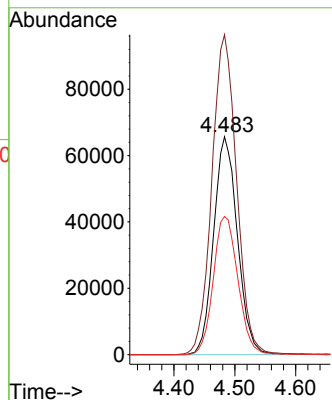
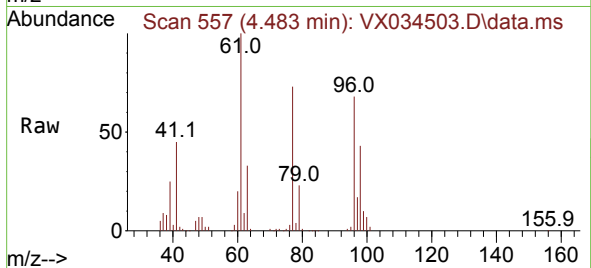




#27
 cis-1,2-Dichloroethene
 Concen: 45.653 ug/l
 RT: 4.483 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX034503.D
 Acq: 15 Mar 2023 13:04

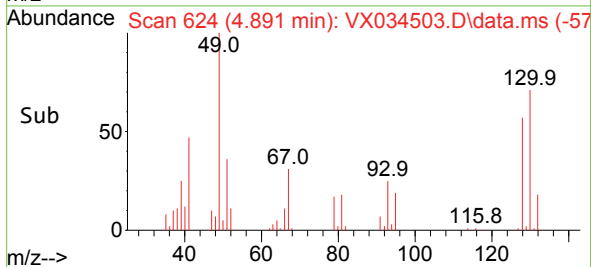
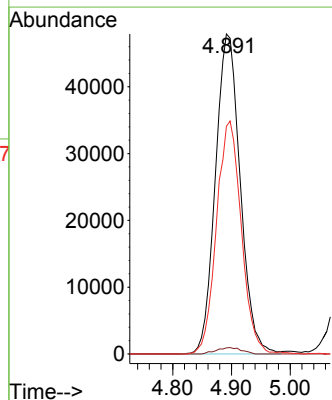
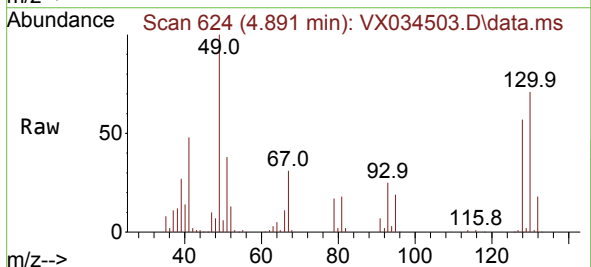
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

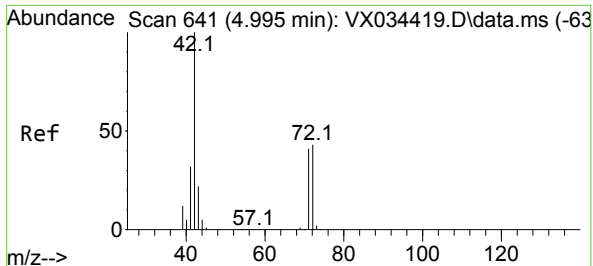
Tgt Ion: 96 Resp: 178162
 Ion Ratio Lower Upper
 96 100
 61 152.7 0.0 300.4
 98 65.8 0.0 129.0



#28
 Bromochloromethane
 Concen: 47.723 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.000 min
 Lab File: VX034503.D
 Acq: 15 Mar 2023 13:04

Tgt Ion: 49 Resp: 140743
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 72.8 58.2 87.2





#29

Tetrahydrofuran

Concen: 231.067 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

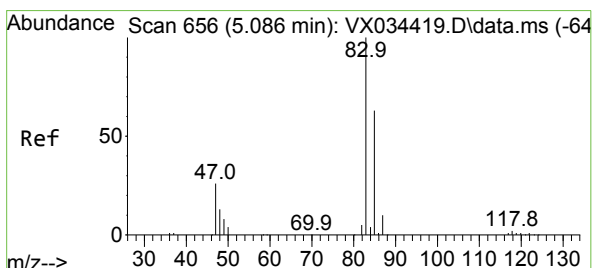
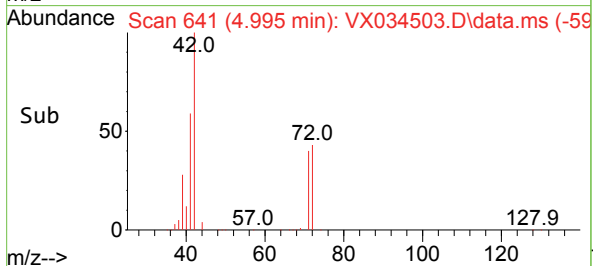
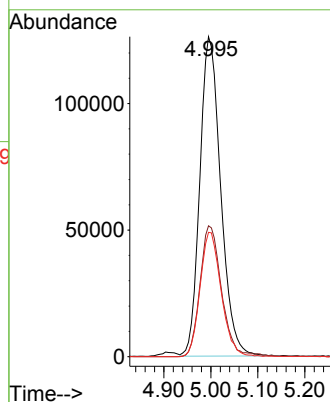
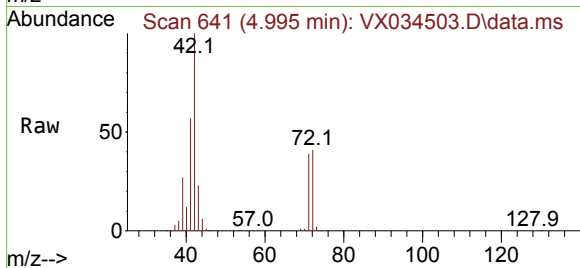
Tgt Ion: 42 Resp: 389840

Ion Ratio Lower Upper

42 100

72 42.4 34.5 51.7

71 39.3 32.1 48.1



#30

Chloroform

Concen: 48.352 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX034503.D

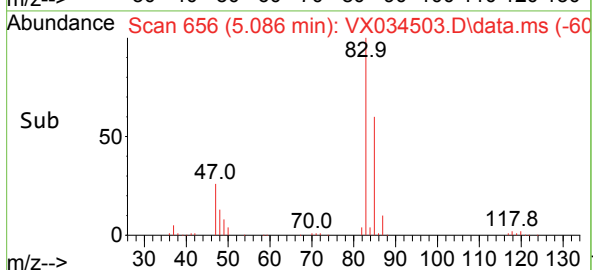
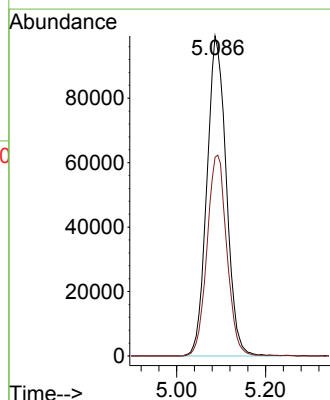
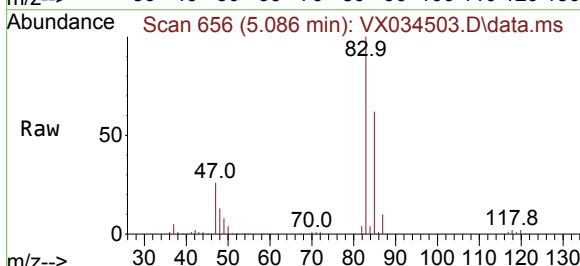
Acq: 15 Mar 2023 13:04

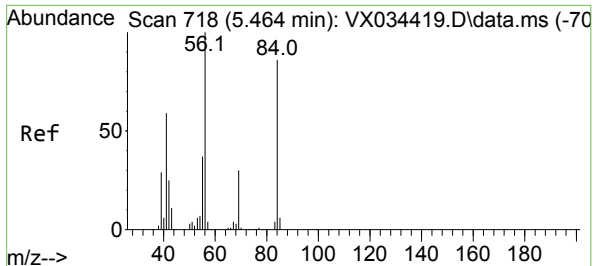
Tgt Ion: 83 Resp: 300622

Ion Ratio Lower Upper

83 100

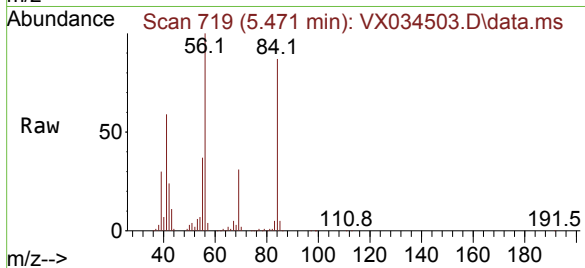
85 62.1 50.6 76.0



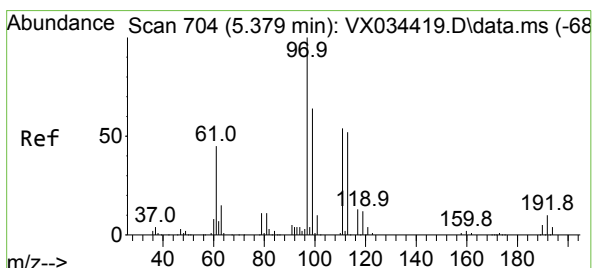
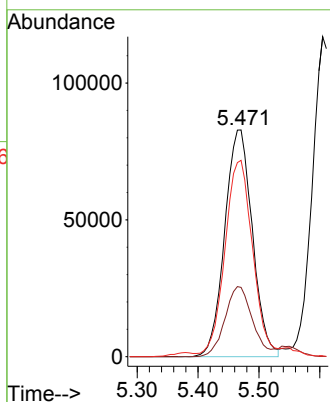
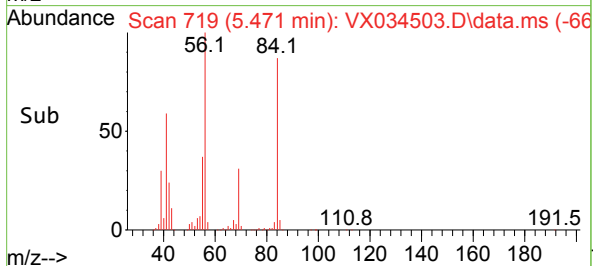


#31
Cyclohexane
Concen: 45.982 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

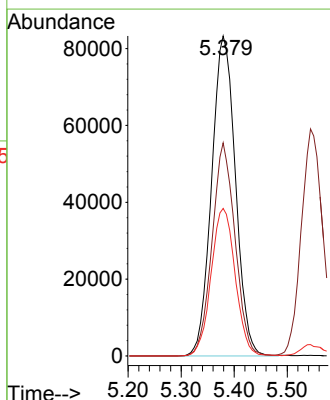
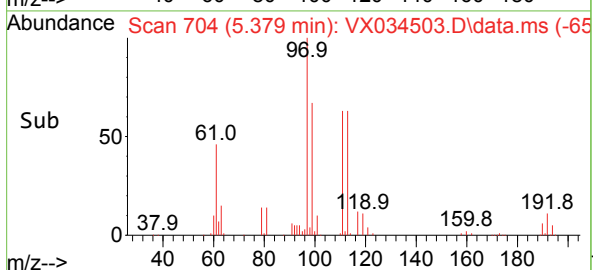
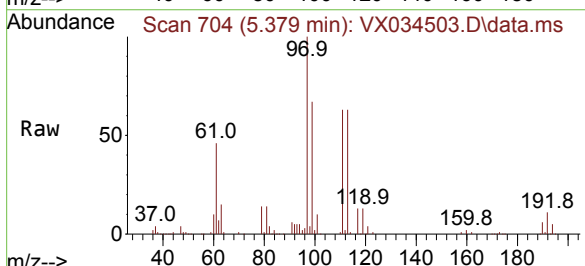


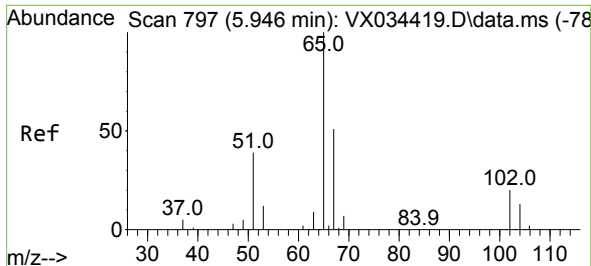
Tgt Ion: 56 Resp: 261595
Ion Ratio Lower Upper
56 100
69 30.5 23.7 35.5
84 85.2 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 47.229 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 97 Resp: 259951
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 46.7 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 48.118 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

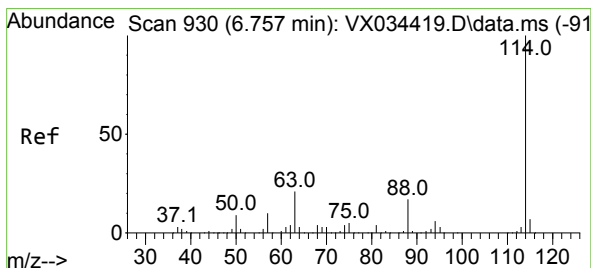
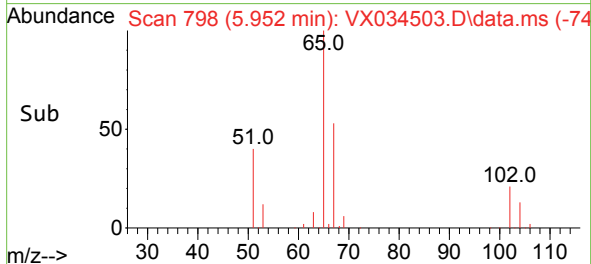
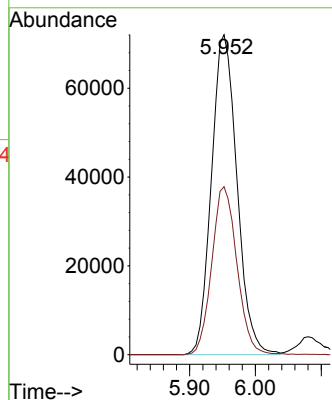
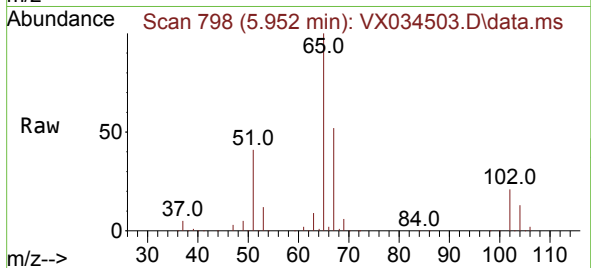
VSTDCCC050

Tgt Ion: 65 Resp: 195192

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

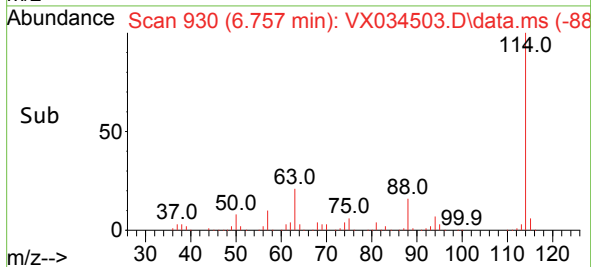
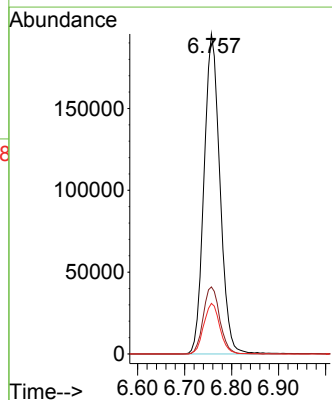
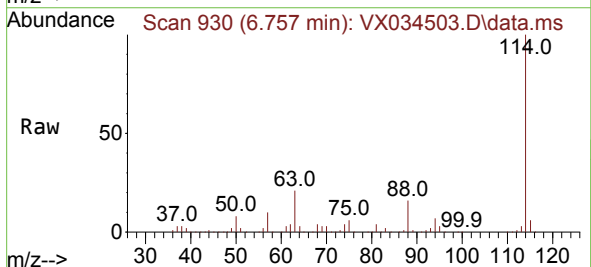
Tgt Ion: 114 Resp: 459656

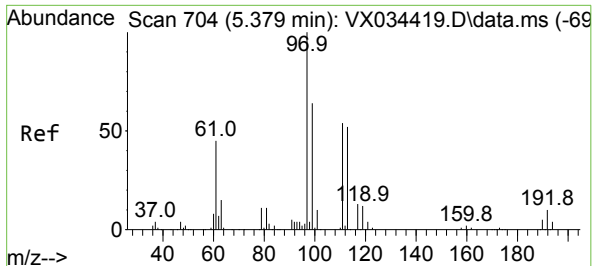
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.2

88 15.8 0.0 33.2

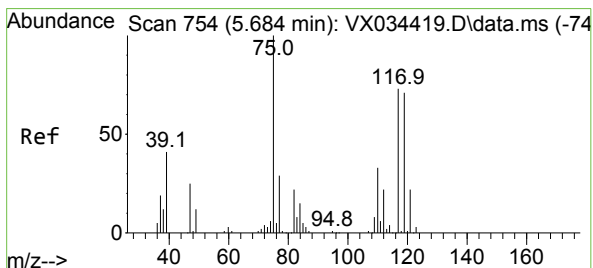
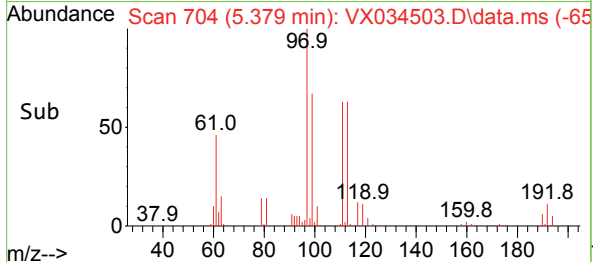
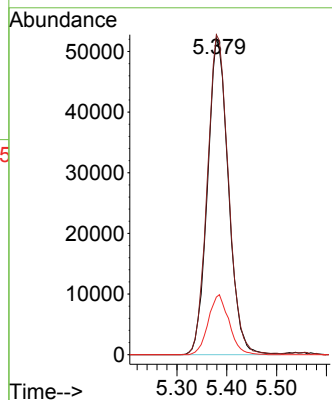
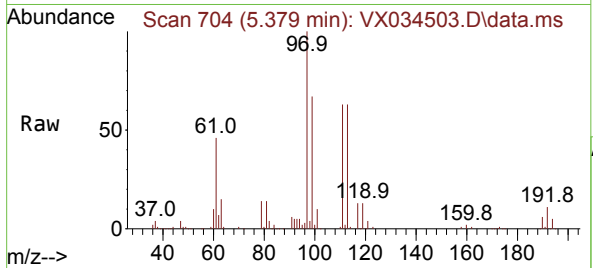




#35
Dibromofluoromethane
Concen: 49.922 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

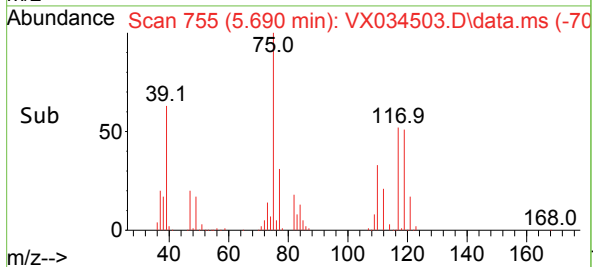
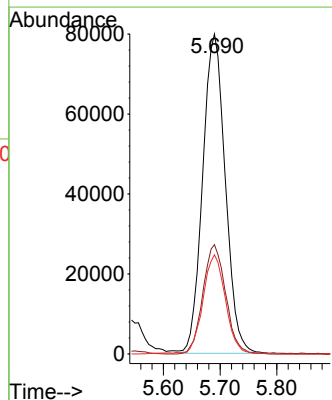
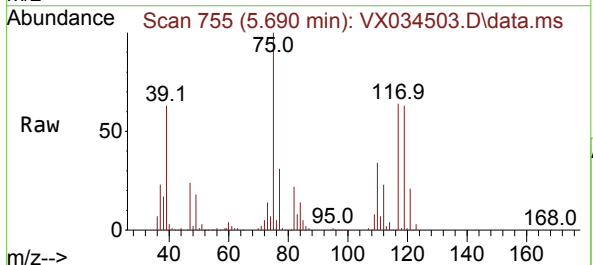
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

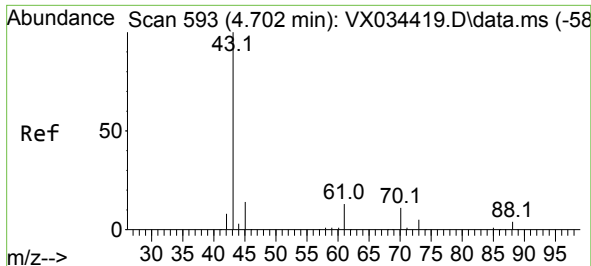
Tgt Ion:113 Resp: 151506
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 18.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 47.480 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 75 Resp: 221319
Ion Ratio Lower Upper
75 100
110 34.5 17.5 52.5
77 31.2 24.3 36.5

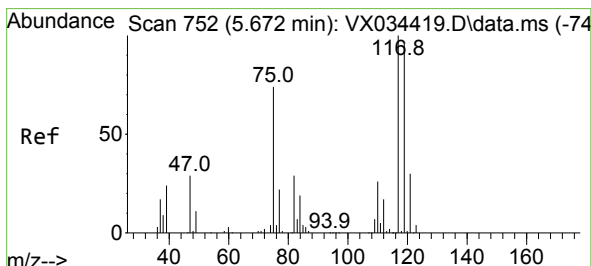
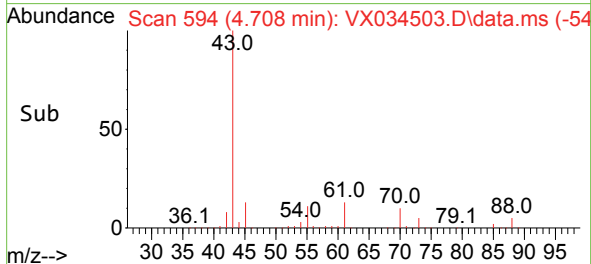
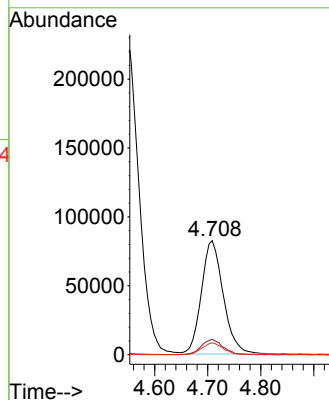
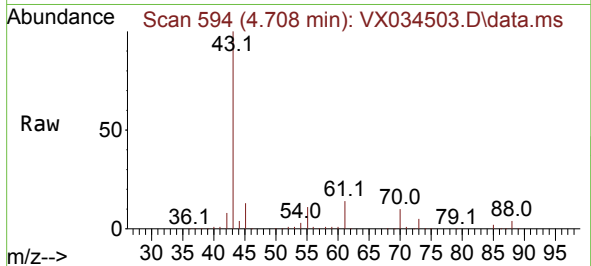




#37
Ethyl Acetate
Concen: 46.446 ug/l
RT: 4.708 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

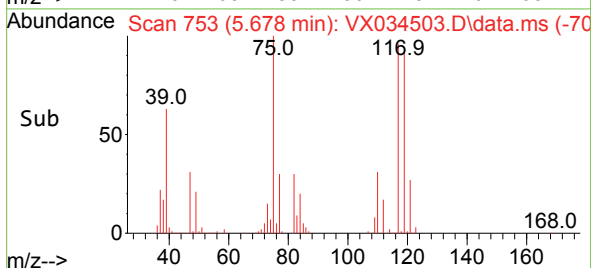
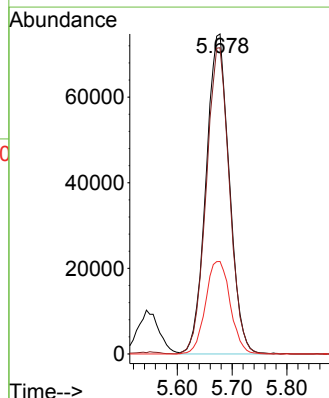
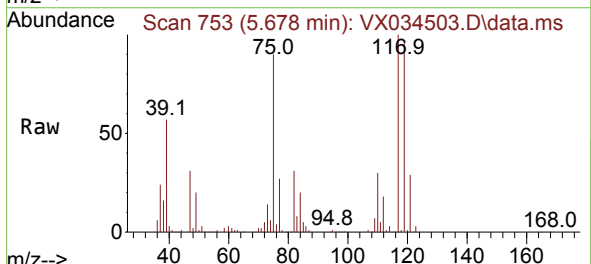
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

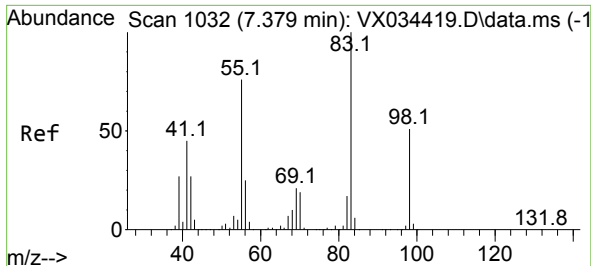
Tgt Ion: 43 Resp: 236519
Ion Ratio Lower Upper
43 100
61 13.4 10.2 15.4
70 10.2 8.2 12.4



#38
Carbon Tetrachloride
Concen: 47.542 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 117 Resp: 220463
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8
121 28.9 23.8 35.6

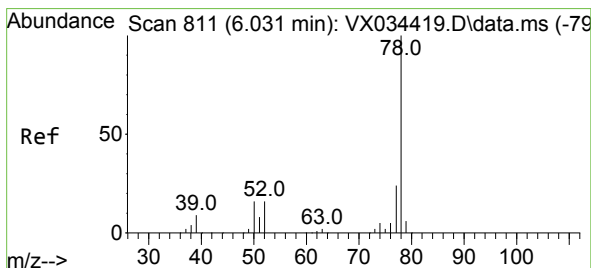
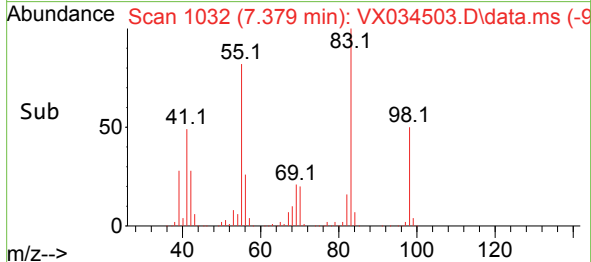
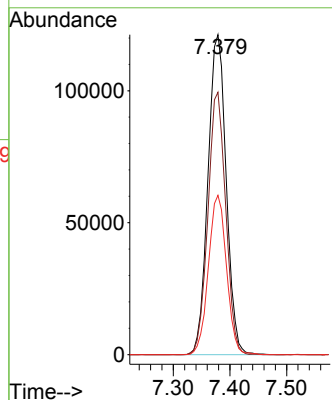
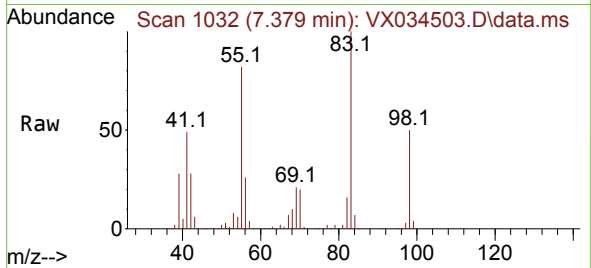




#39
Methylcyclohexane
Concen: 48.595 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

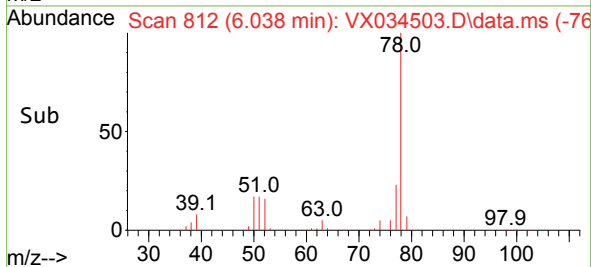
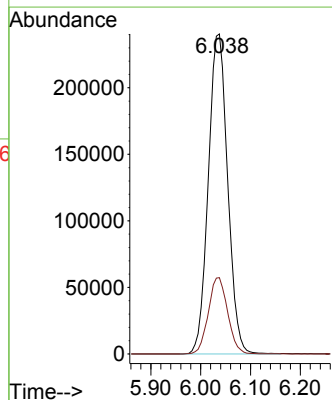
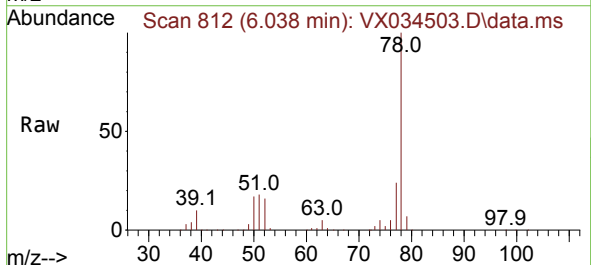
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

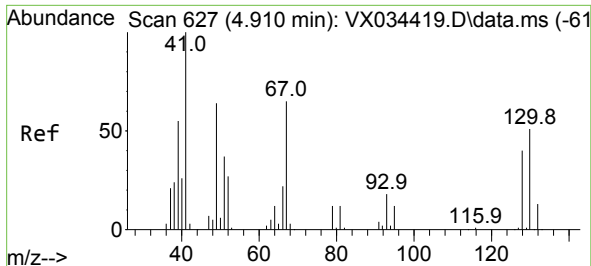
Tgt Ion: 83 Resp: 271083
Ion Ratio Lower Upper
83 100
55 82.0 60.5 90.7
98 49.8 40.4 60.6



#40
Benzene
Concen: 47.470 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 78 Resp: 647316
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4



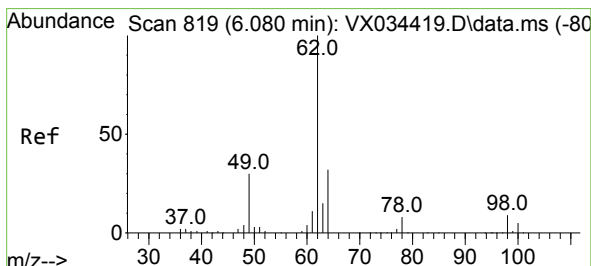
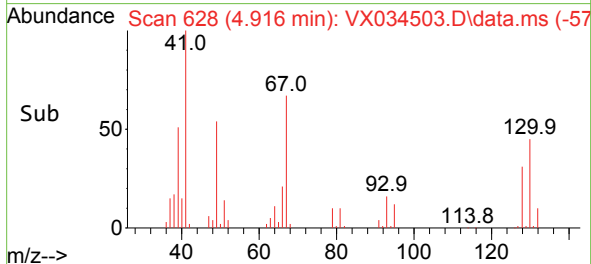
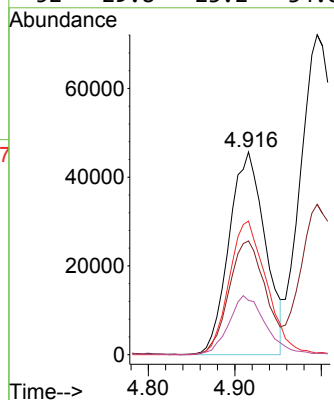
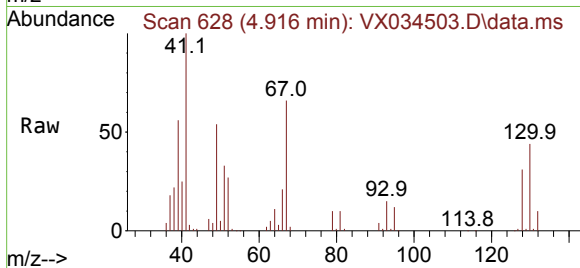


#41
Methacrylonitrile
Concen: 47.545 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 132688

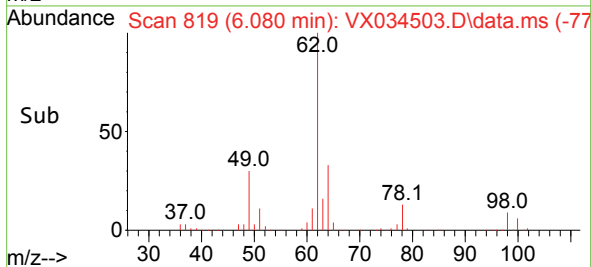
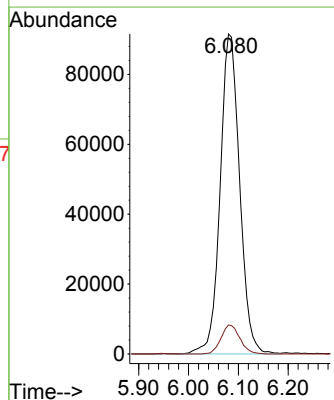
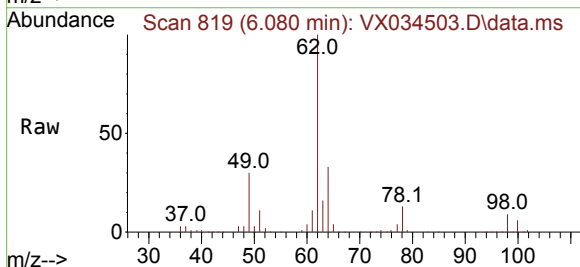
Ion	Ratio	Lower	Upper
41	100		
39	56.8	45.0	67.6
67	68.4	55.6	83.4
52	29.8	23.2	34.8

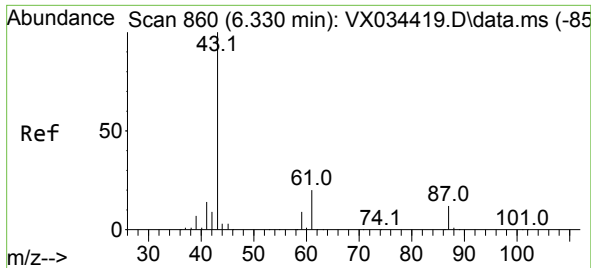


#42
1,2-Dichloroethane
Concen: 49.575 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 62 Resp: 248451

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.0





#43

Isopropyl Acetate

Concen: 47.313 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

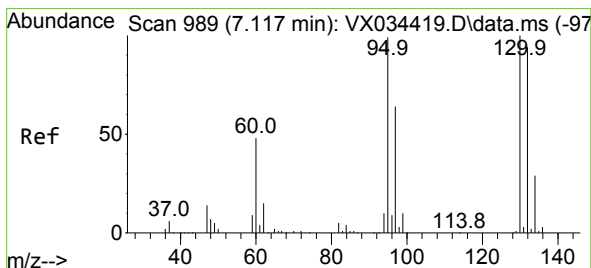
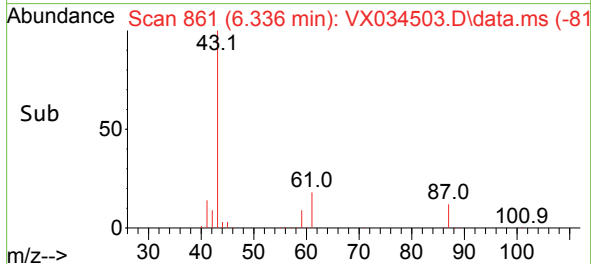
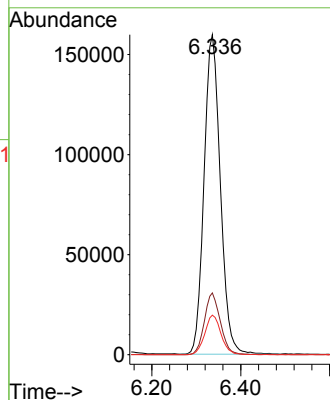
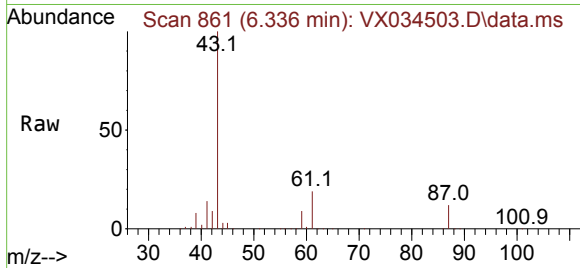
Tgt Ion: 43 Resp: 408161

Ion Ratio Lower Upper

43 100

61 18.9 15.2 22.8

87 12.3 9.8 14.8



#44

Trichloroethene

Concen: 46.380 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX034503.D

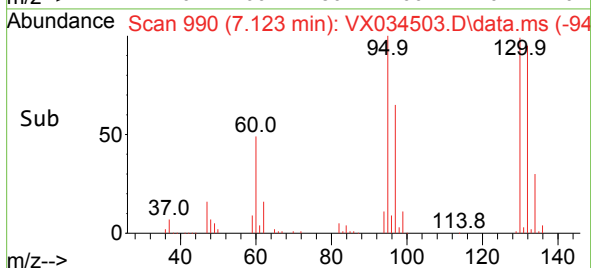
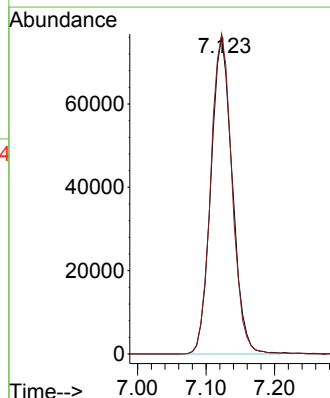
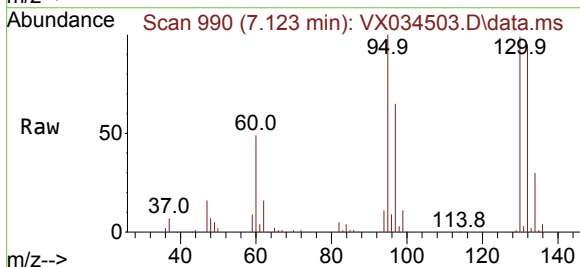
Acq: 15 Mar 2023 13:04

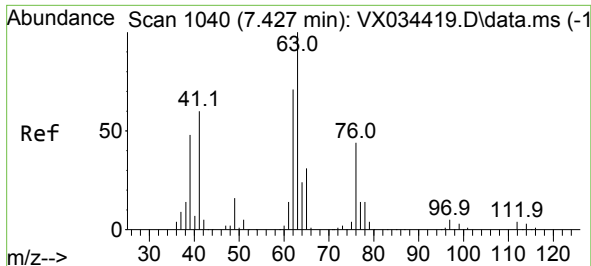
Tgt Ion:130 Resp: 164326

Ion Ratio Lower Upper

130 100

95 100.5 0.0 198.4

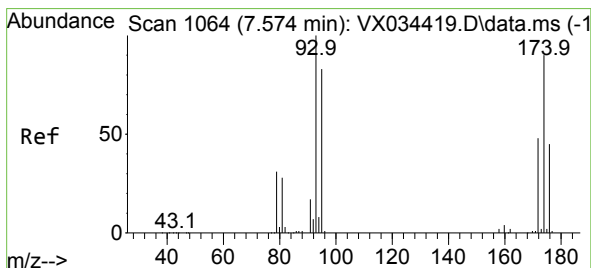
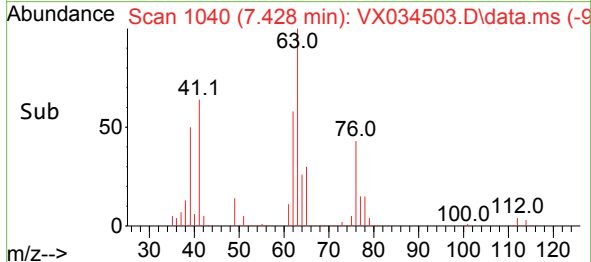
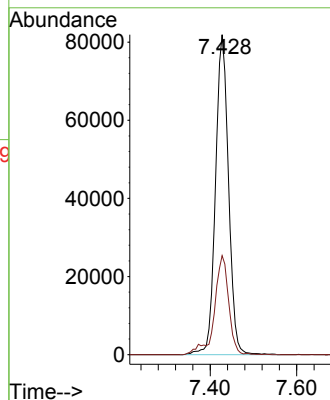
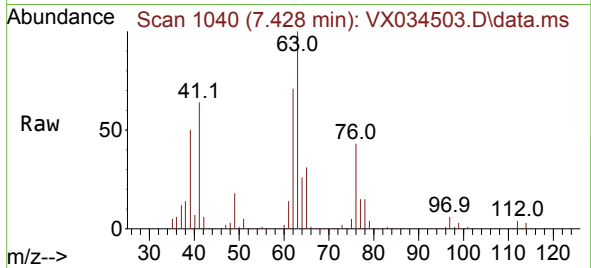




#45
1,2-Dichloropropane
Concen: 48.121 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

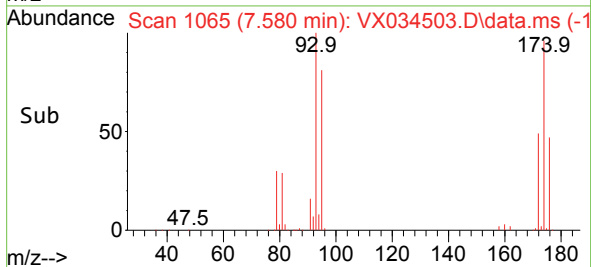
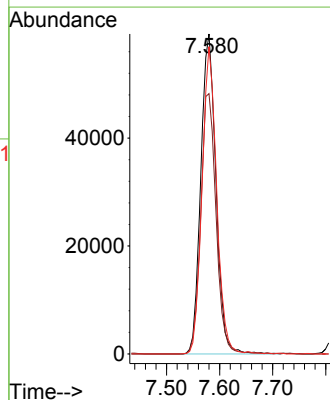
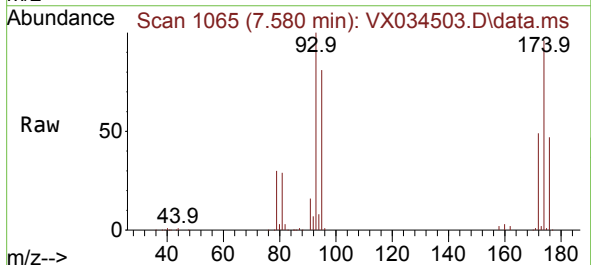
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

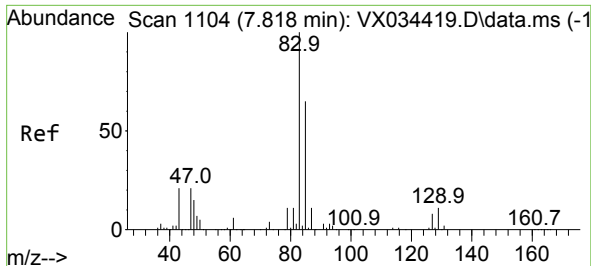
Tgt Ion: 63 Resp: 171335
Ion Ratio Lower Upper
63 100
65 30.9 24.6 37.0



#46
Dibromomethane
Concen: 48.661 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 93 Resp: 117788
Ion Ratio Lower Upper
93 100
95 82.0 66.9 100.3
174 92.3 75.4 113.0



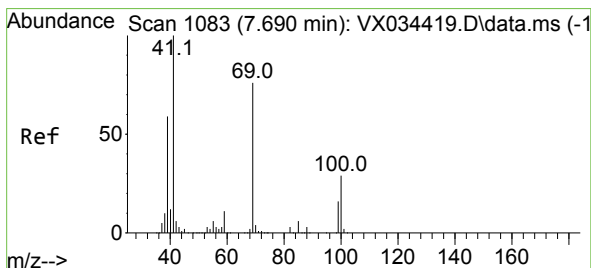
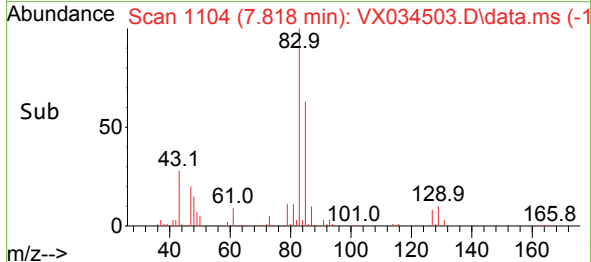
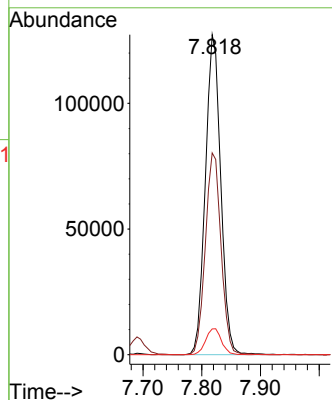
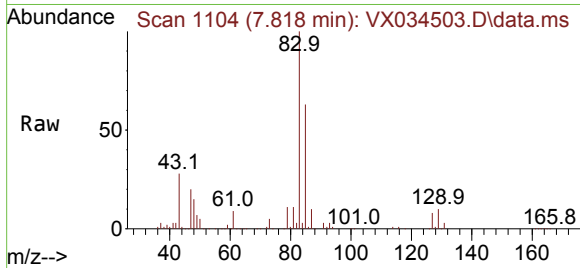


#47
 Bromodichloromethane
 Concen: 49.432 ug/l
 RT: 7.818 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VX034503.D
 Acq: 15 Mar 2023 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 231579

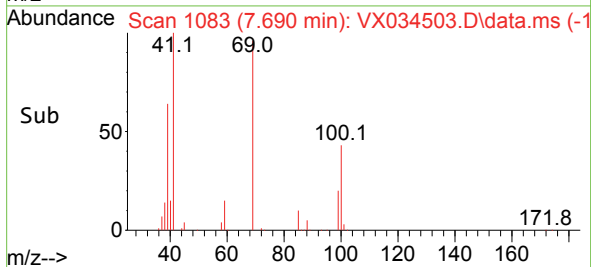
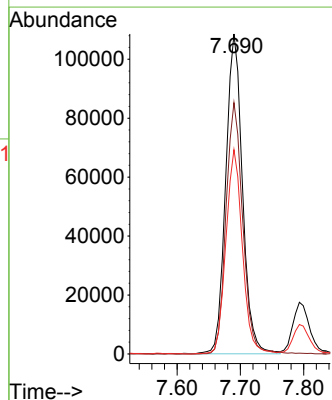
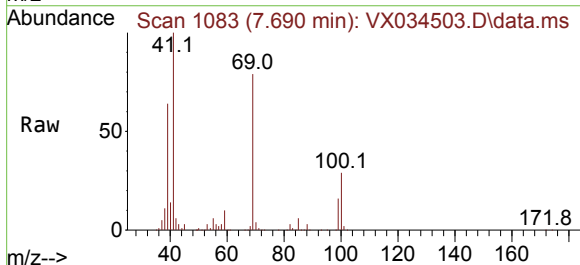
Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.2	78.4
127	8.1	6.6	9.8

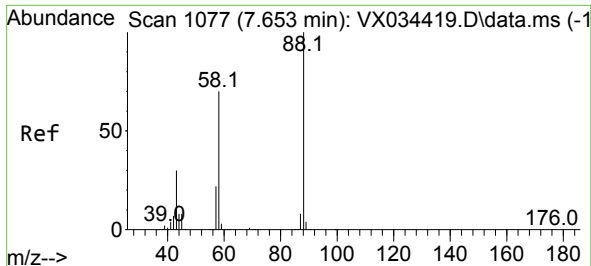


#48
 Methyl methacrylate
 Concen: 48.045 ug/l
 RT: 7.690 min Scan# 1083
 Delta R.T. 0.000 min
 Lab File: VX034503.D
 Acq: 15 Mar 2023 13:04

Tgt Ion: 41 Resp: 199342

Ion	Ratio	Lower	Upper
41	100		
69	78.7	62.2	93.4
39	63.0	47.7	71.5





#49

1,4-Dioxane

Concen: 936.323 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

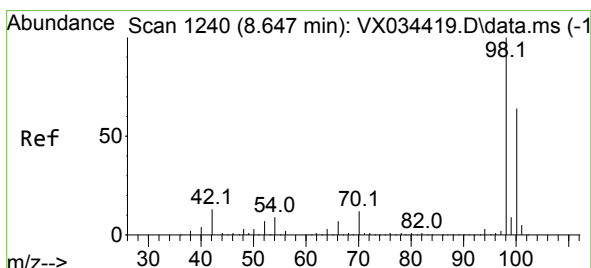
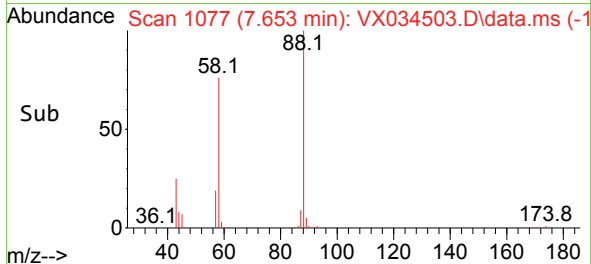
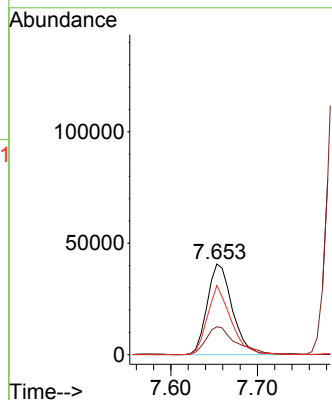
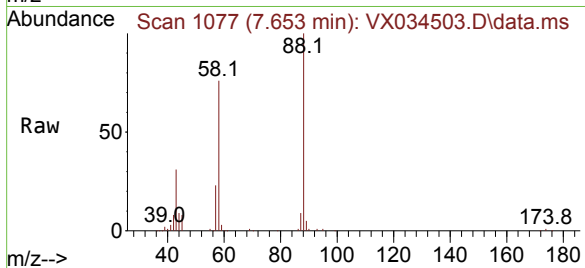
Tgt Ion: 88 Resp: 81597

Ion Ratio Lower Upper

88 100

43 37.0 27.7 41.5

58 72.1 56.8 85.2



#50

Toluene-d8

Concen: 50.778 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034503.D

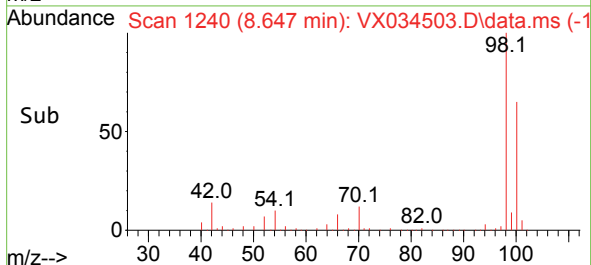
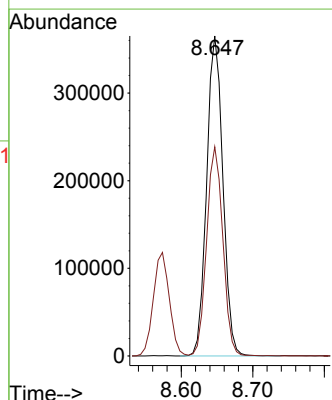
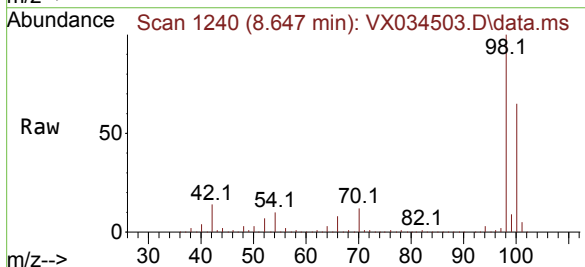
Acq: 15 Mar 2023 13:04

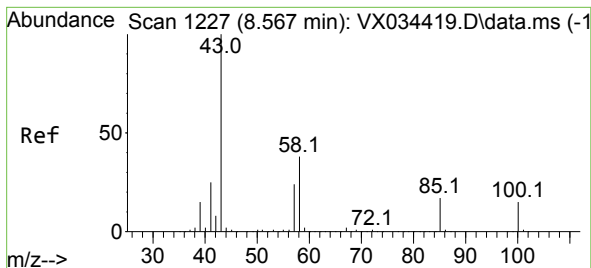
Tgt Ion: 98 Resp: 575286

Ion Ratio Lower Upper

98 100

100 65.2 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 247.732 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

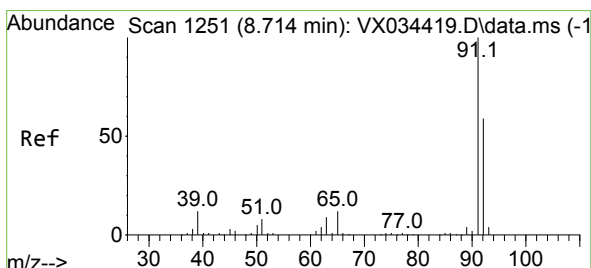
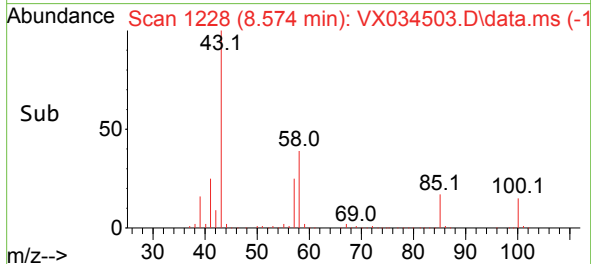
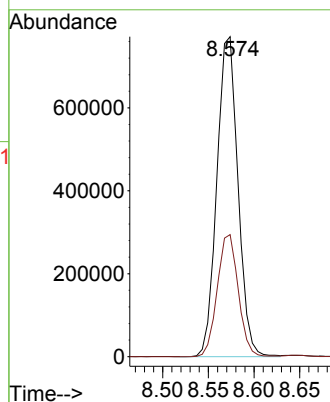
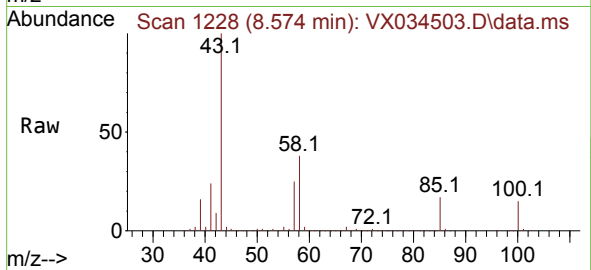
VSTDCCC050

Tgt Ion: 43 Resp: 1239780

Ion Ratio Lower Upper

43 100

58 37.9 30.6 46.0



#52

Toluene

Concen: 49.426 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX034503.D

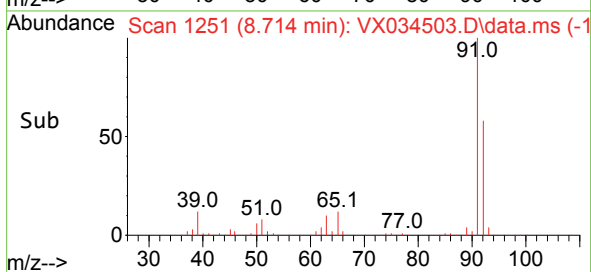
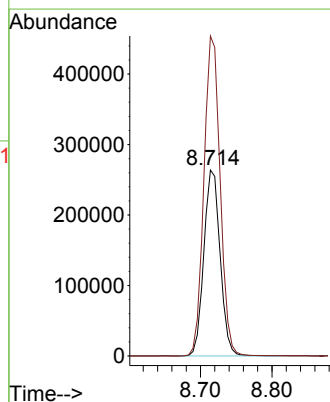
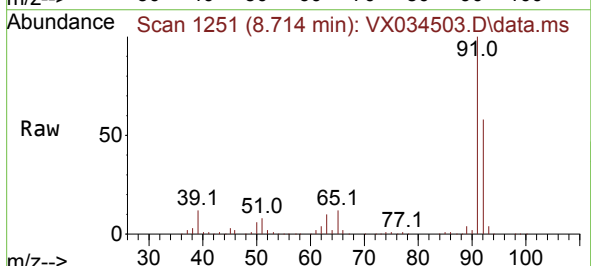
Acq: 15 Mar 2023 13:04

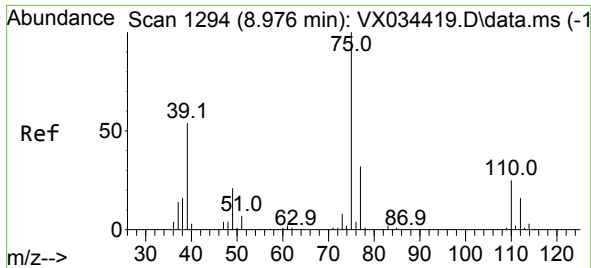
Tgt Ion: 92 Resp: 417266

Ion Ratio Lower Upper

92 100

91 171.6 136.8 205.2

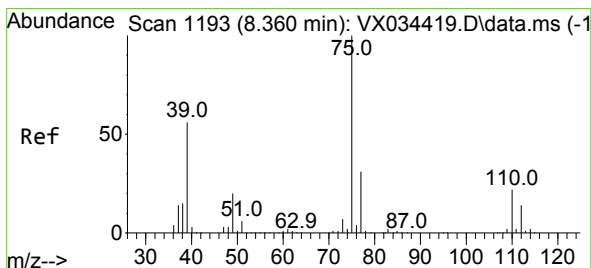
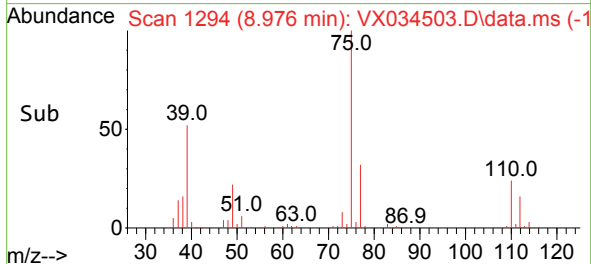
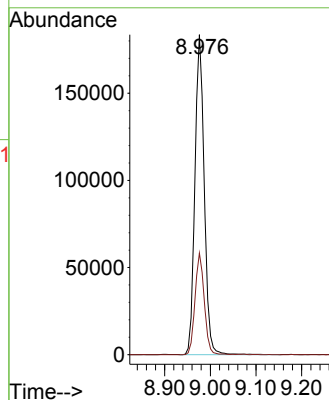
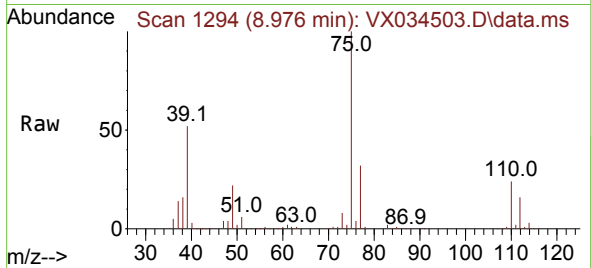




#53
 t-1,3-Dichloropropene
 Concen: 49.324 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX034503.D
 Acq: 15 Mar 2023 13:04

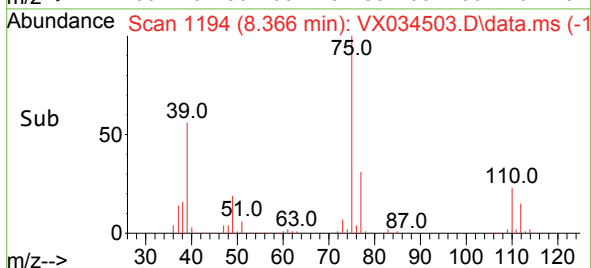
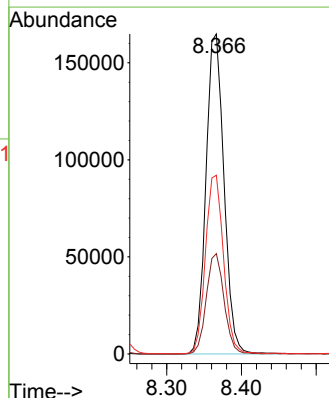
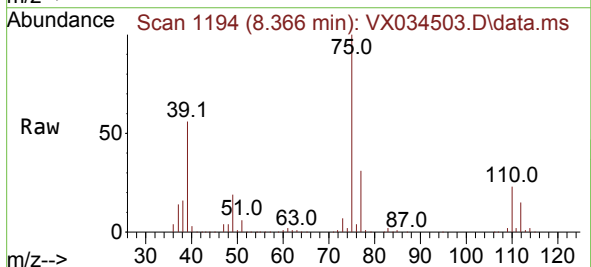
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

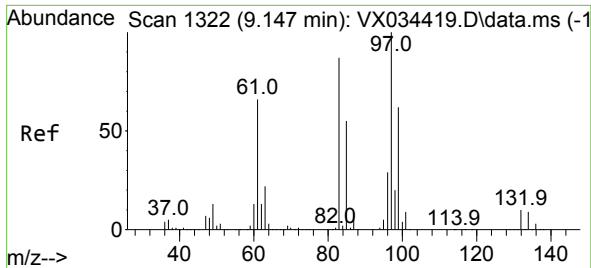
Tgt Ion: 75 Resp: 260328
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 48.221 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: VX034503.D
 Acq: 15 Mar 2023 13:04

Tgt Ion: 75 Resp: 275350
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4
 39 55.8 44.6 66.8



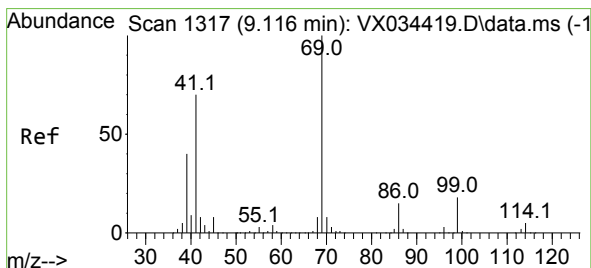
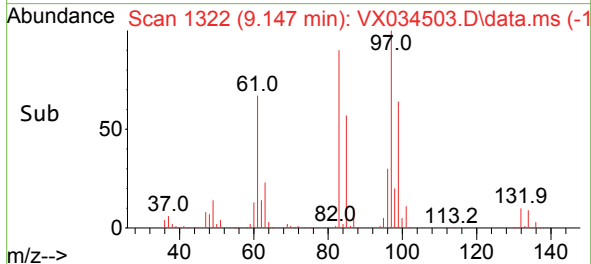
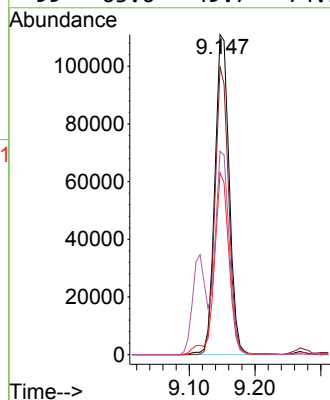
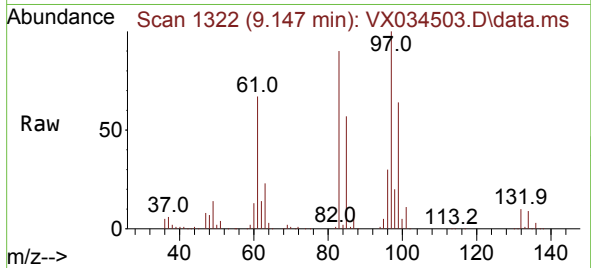


#55
 1,1,2-Trichloroethane
 Concen: 50.415 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. 0.000 min
 Lab File: VX034503.D
 Acq: 15 Mar 2023 13:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 168913

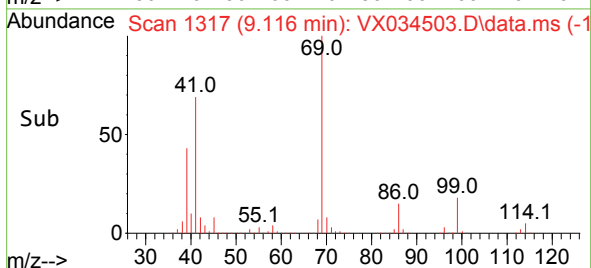
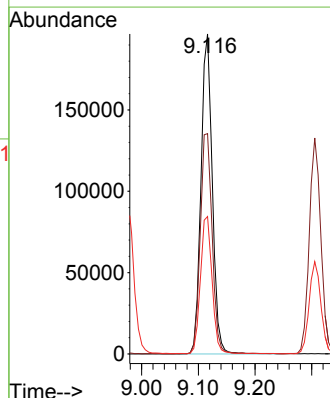
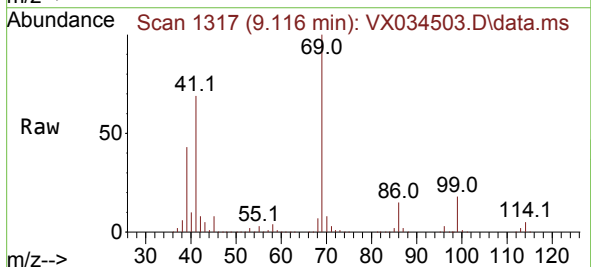
Ion	Ratio	Lower	Upper
97	100		
83	89.9	69.7	104.5
85	56.8	43.7	65.5
99	63.6	49.7	74.5

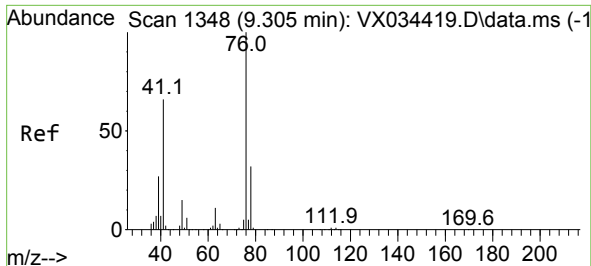


#56
 Ethyl methacrylate
 Concen: 49.536 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX034503.D
 Acq: 15 Mar 2023 13:04

Tgt Ion: 69 Resp: 272500

Ion	Ratio	Lower	Upper
69	100		
41	72.0	57.4	86.0
39	44.0	33.7	50.5





#57

1,3-Dichloropropane

Concen: 49.210 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

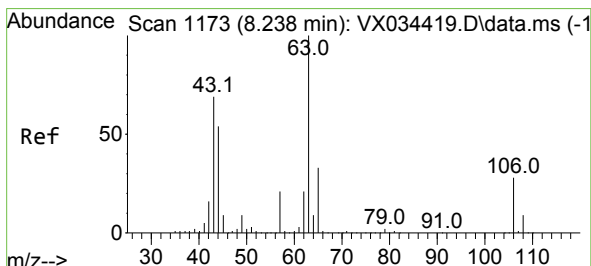
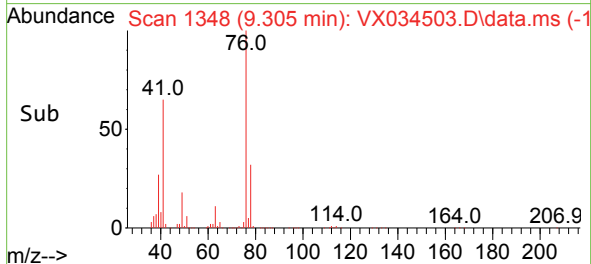
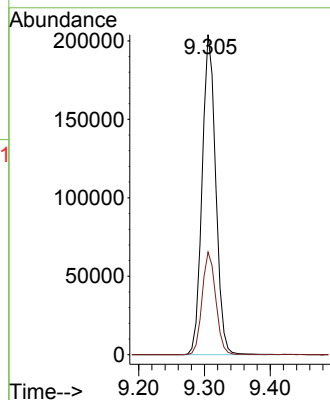
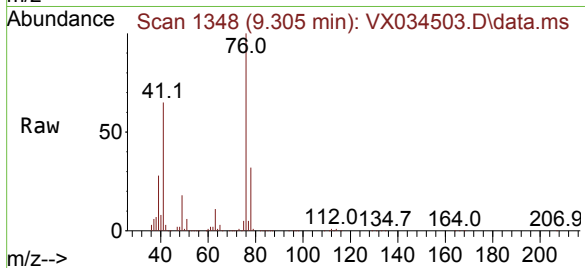
VSTDCCC050

Tgt Ion: 76 Resp: 293032

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 236.702 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034503.D

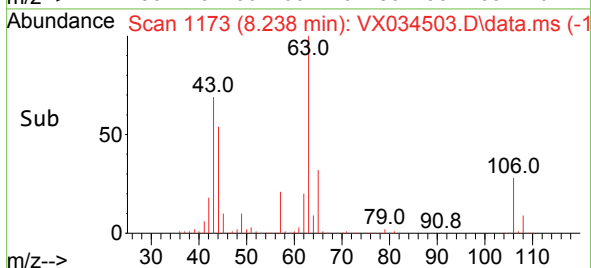
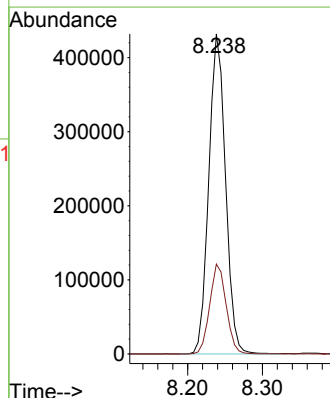
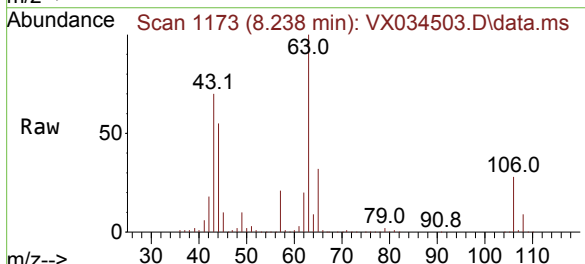
Acq: 15 Mar 2023 13:04

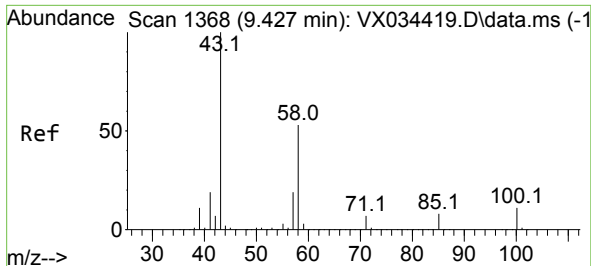
Tgt Ion: 63 Resp: 671054

Ion Ratio Lower Upper

63 100

106 27.6 22.2 33.2

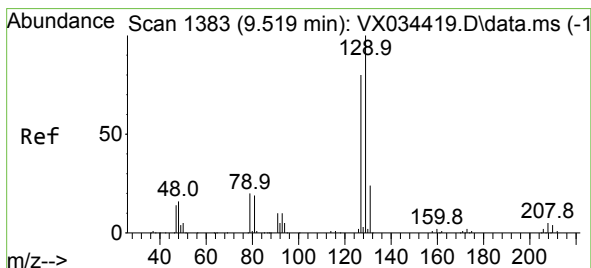
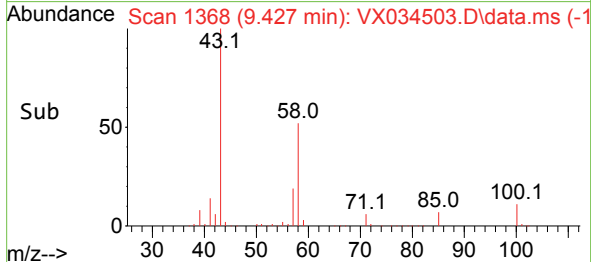
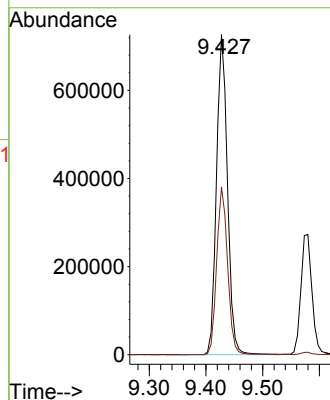
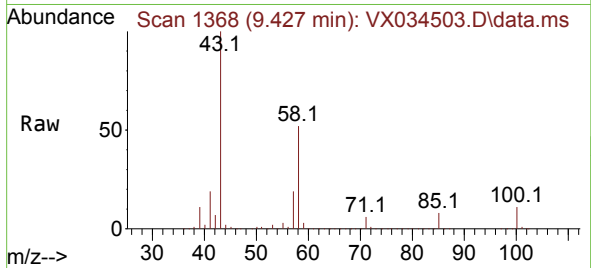




#59
2-Hexanone
Concen: 251.455 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

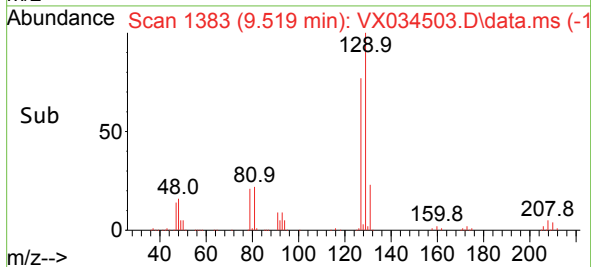
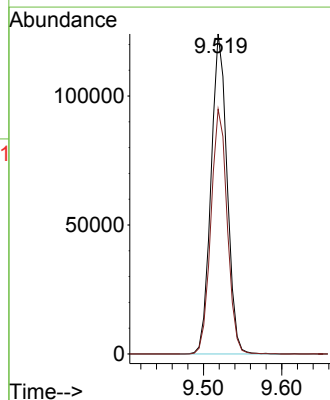
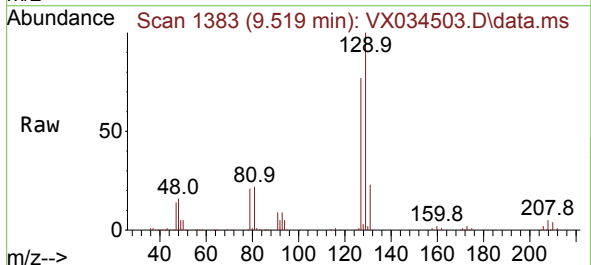
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

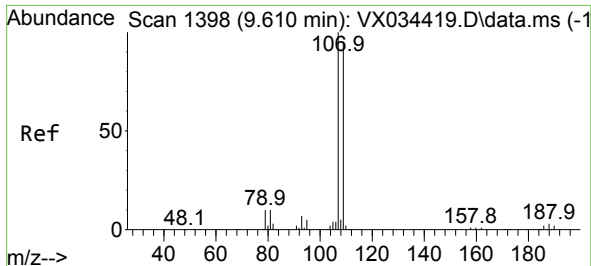
Tgt Ion: 43 Resp: 972774
Ion Ratio Lower Upper
43 100
58 52.4 26.3 78.9



#60
Dibromochloromethane
Concen: 50.196 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 129 Resp: 176386
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0

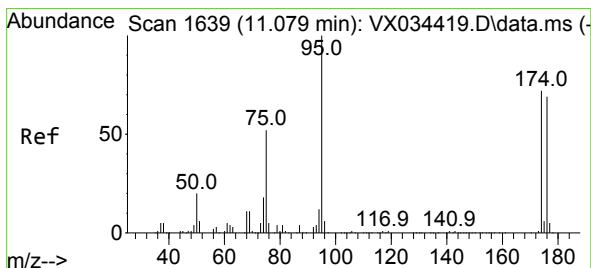
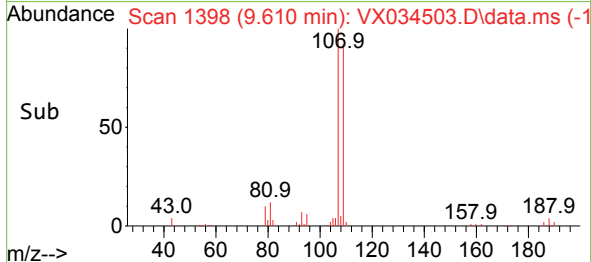
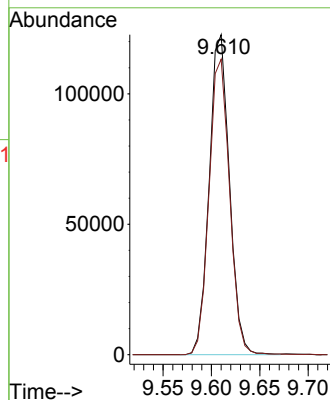
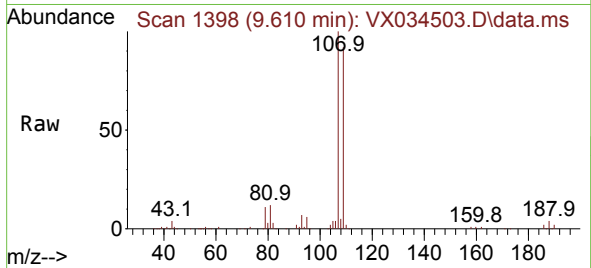




#61
1,2-Dibromoethane
Concen: 49.393 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

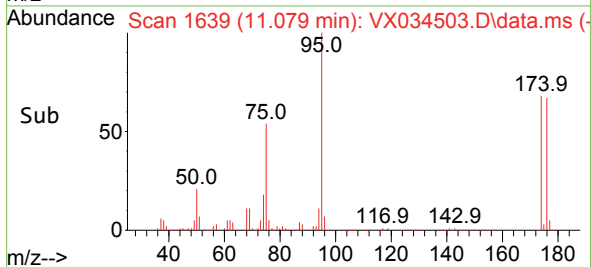
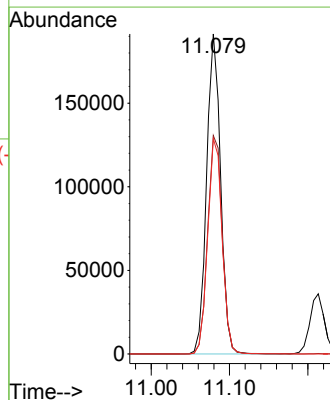
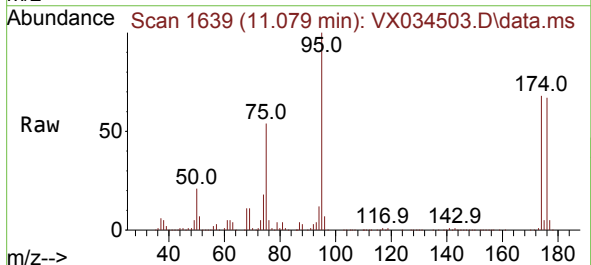
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

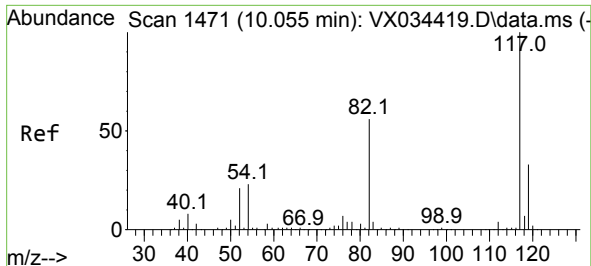
Tgt Ion:107 Resp: 178580
Ion Ratio Lower Upper
107 100
109 93.9 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 51.605 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 95 Resp: 236154
Ion Ratio Lower Upper
95 100
174 71.3 0.0 147.4
176 69.3 0.0 140.6

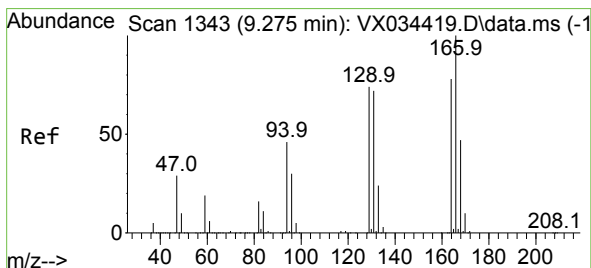
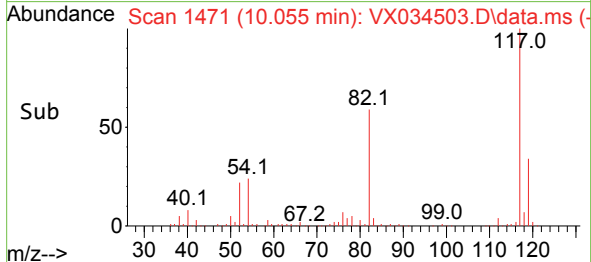
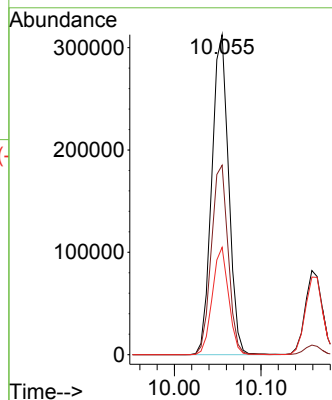
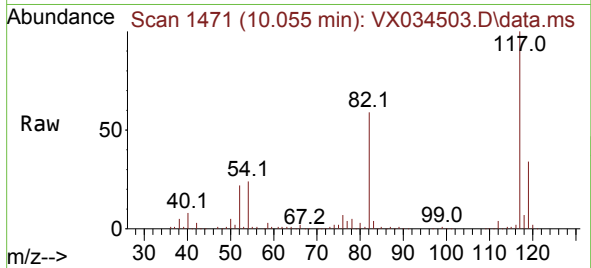




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

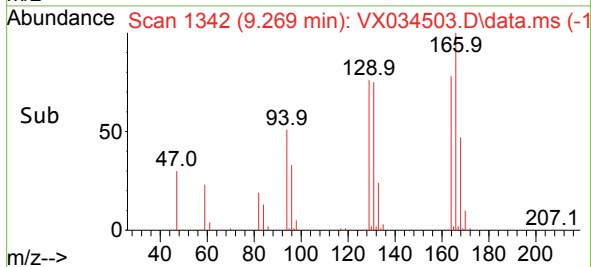
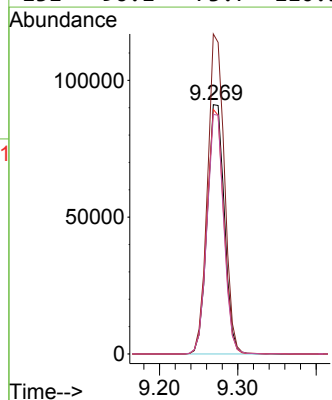
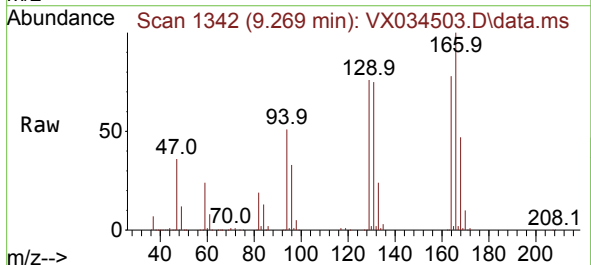
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

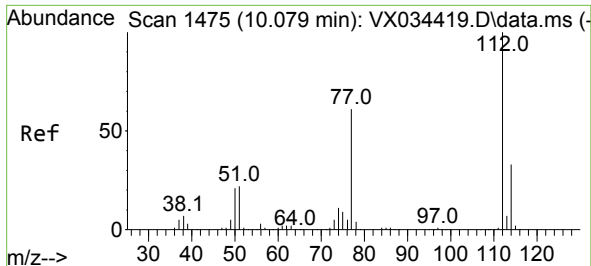
Tgt Ion:117 Resp: 422823
Ion Ratio Lower Upper
117 100
82 59.2 45.0 67.4
119 33.5 26.0 39.0



#64
Tetrachloroethene
Concen: 48.441 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion:164 Resp: 137586
Ion Ratio Lower Upper
164 100
166 128.3 102.7 154.1
129 98.1 75.6 113.4
131 96.1 73.7 110.5

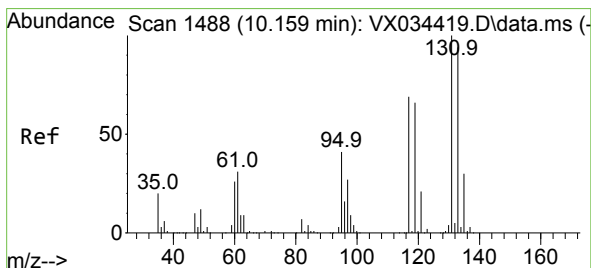
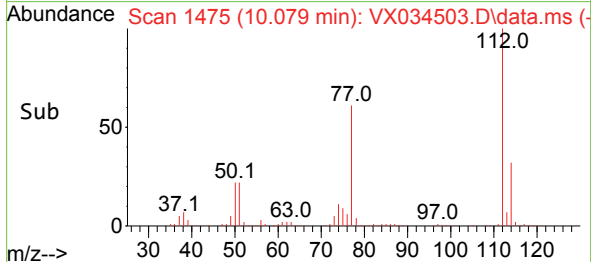
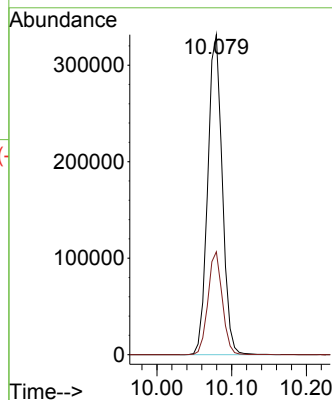
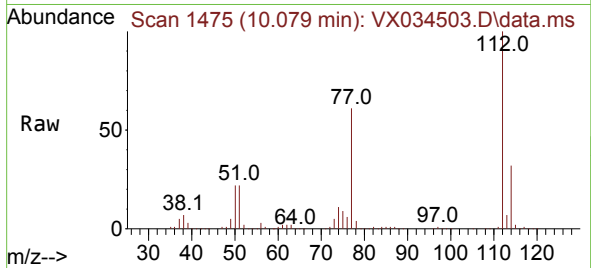




#65
Chlorobenzene
Concen: 48.117 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

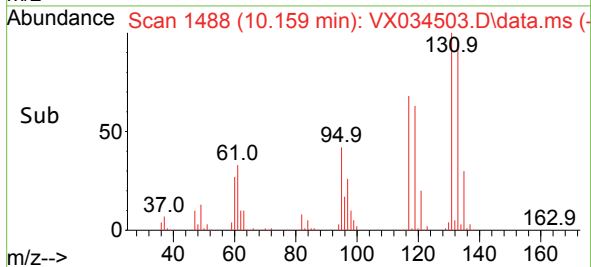
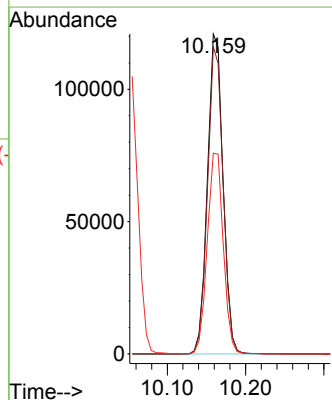
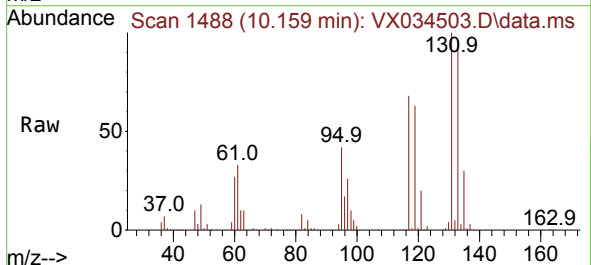
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

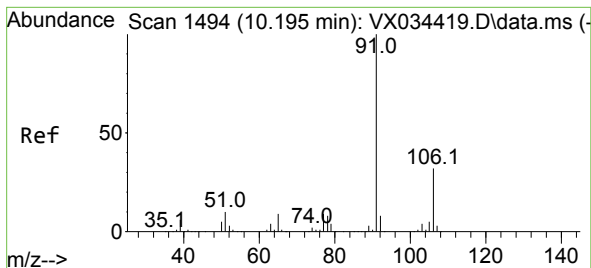
Tgt Ion:112 Resp: 446381
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.334 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion:131 Resp: 166689
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.4
119 64.6 32.6 98.0





#67

Ethyl Benzene

Concen: 50.009 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

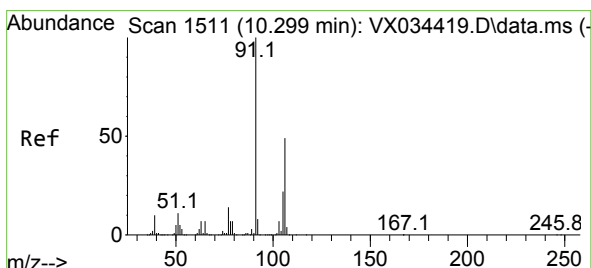
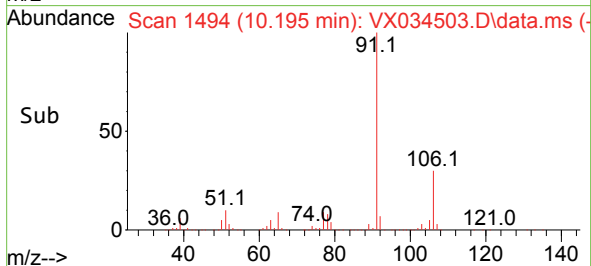
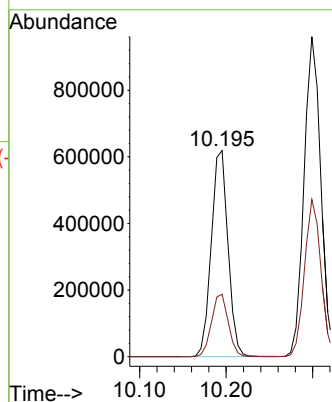
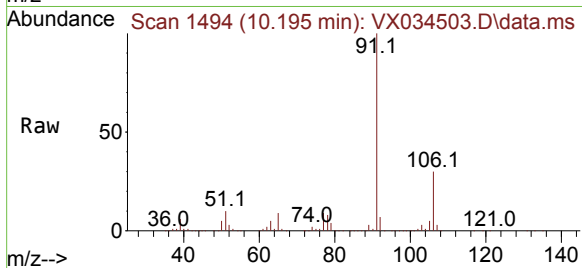
VSTDCCC050

Tgt Ion: 91 Resp: 830559

Ion Ratio Lower Upper

91 100

106 30.3 25.6 38.4



#68

m/p-Xylenes

Concen: 97.937 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX034503.D

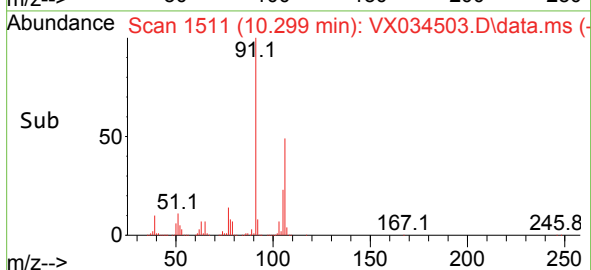
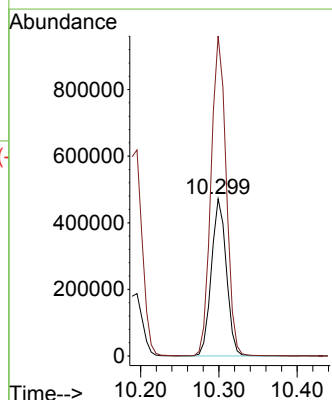
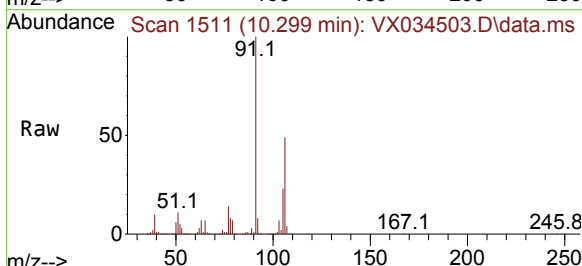
Acq: 15 Mar 2023 13:04

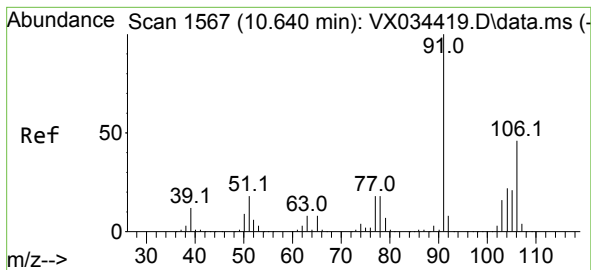
Tgt Ion: 106 Resp: 624822

Ion Ratio Lower Upper

106 100

91 206.6 164.0 246.0





#69

o-Xylene

Concen: 48.250 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

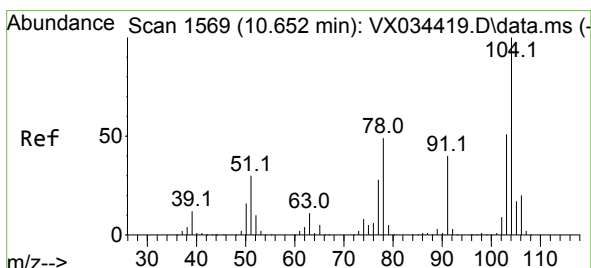
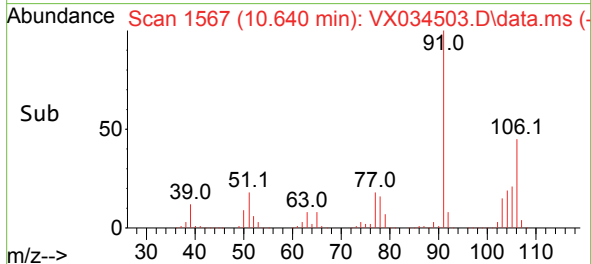
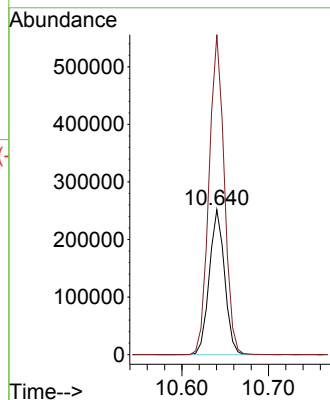
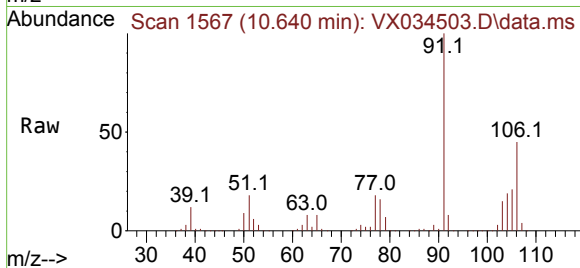
VSTDCCC050

Tgt Ion:106 Resp: 308917

Ion Ratio Lower Upper

106 100

91 219.9 108.5 325.3



#70

Styrene

Concen: 50.290 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

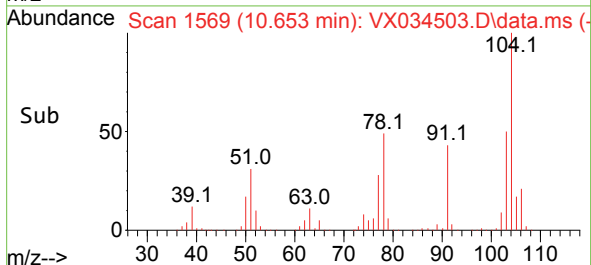
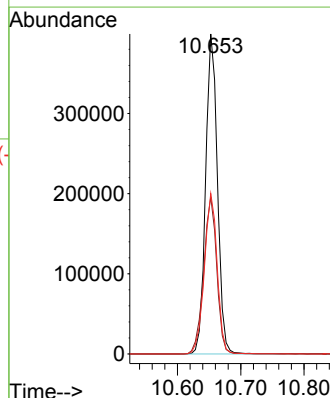
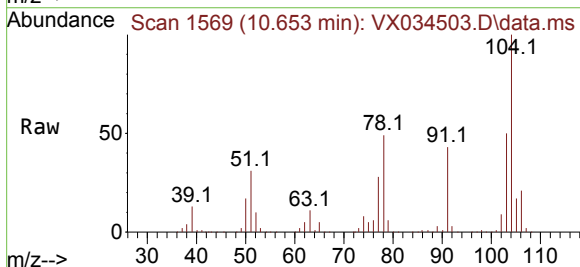
Tgt Ion:104 Resp: 519478

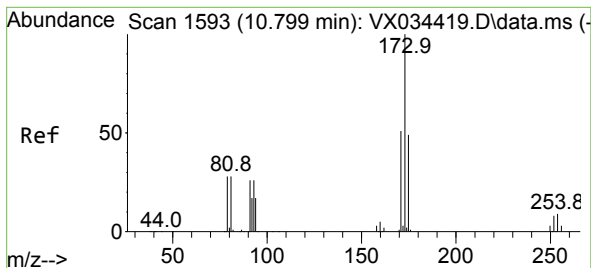
Ion Ratio Lower Upper

104 100

78 54.3 43.4 65.2

103 54.7 44.2 66.2





#71

Bromoform

Concen: 48.286 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

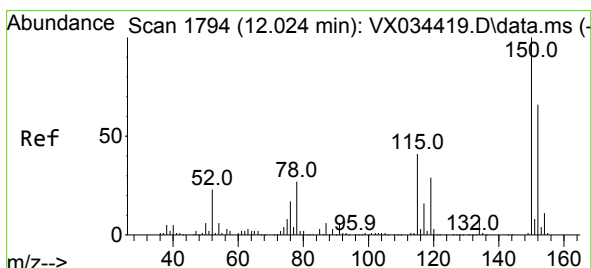
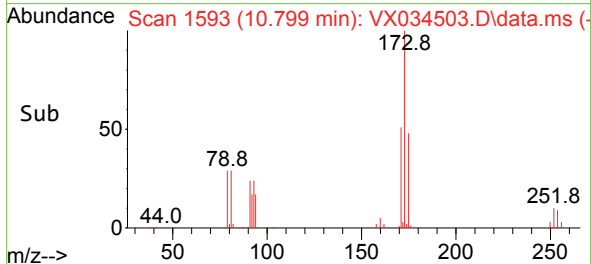
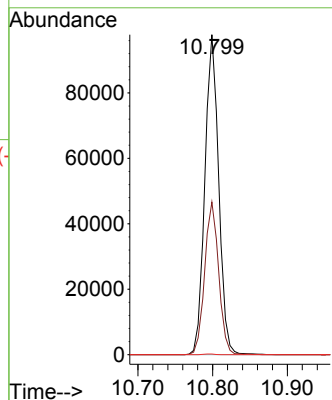
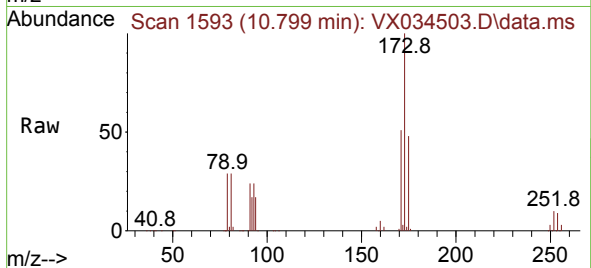
Tgt Ion:173 Resp: 125585

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.4

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

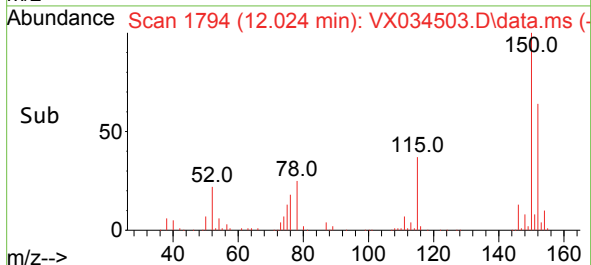
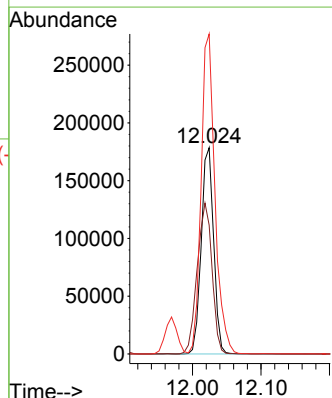
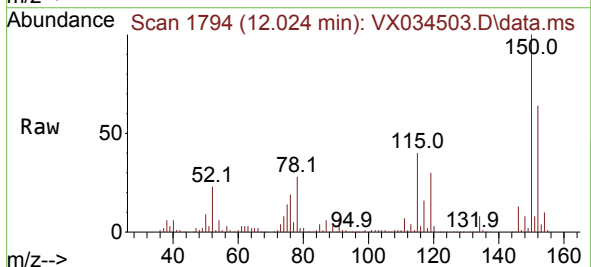
Tgt Ion:152 Resp: 224836

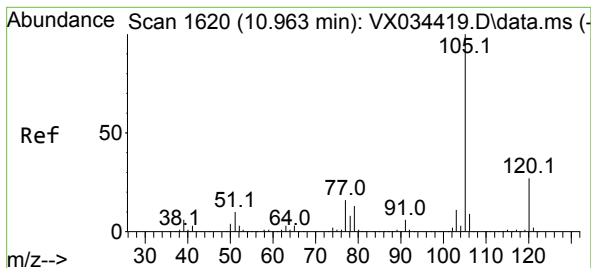
Ion Ratio Lower Upper

152 100

115 87.5 45.0 135.0

150 172.8 0.0 352.4





#73

Isopropylbenzene

Concen: 47.395 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

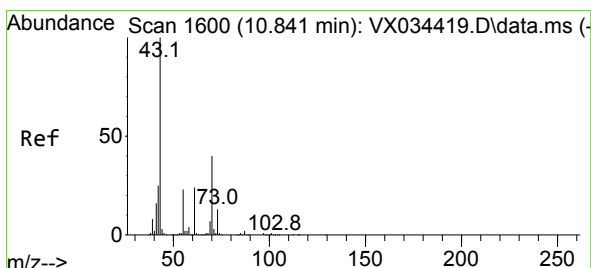
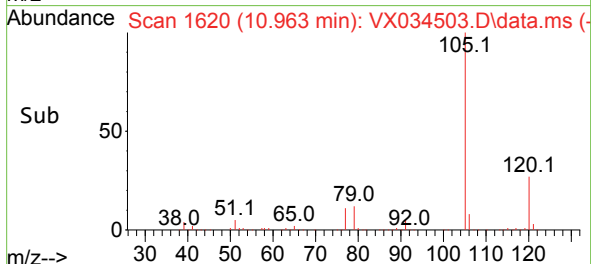
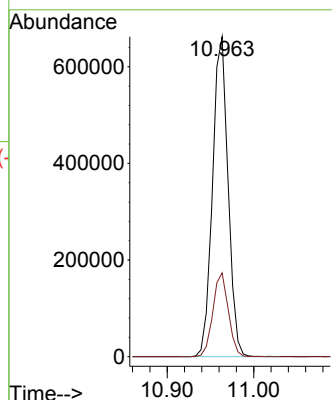
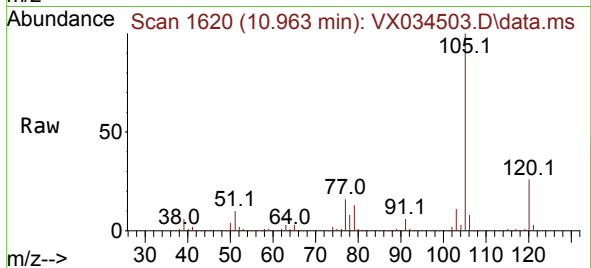
VSTDCCC050

Tgt Ion:105 Resp: 823588

Ion Ratio Lower Upper

105 100

120 26.1 13.3 39.9



#74

N-ethyl acetate

Concen: 47.534 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Tgt Ion: 43 Resp: 395630

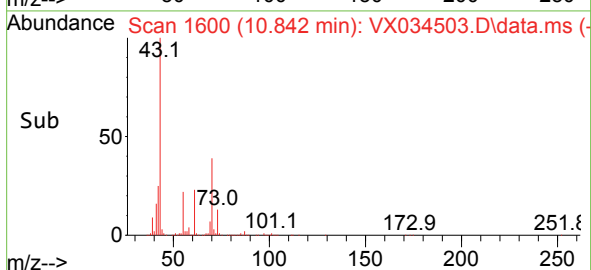
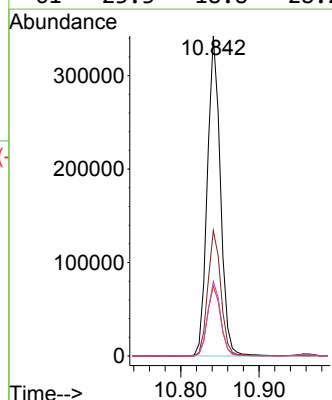
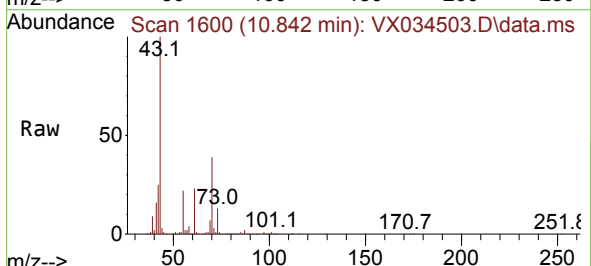
Ion Ratio Lower Upper

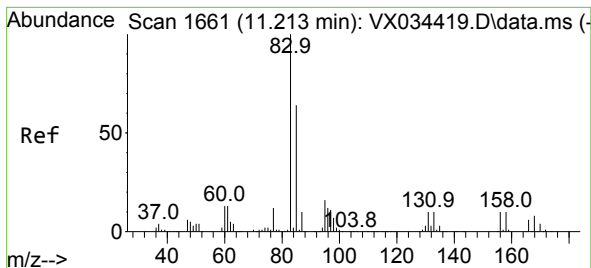
43 100

70 39.3 32.1 48.1

55 22.3 18.3 27.5

61 23.3 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.961 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

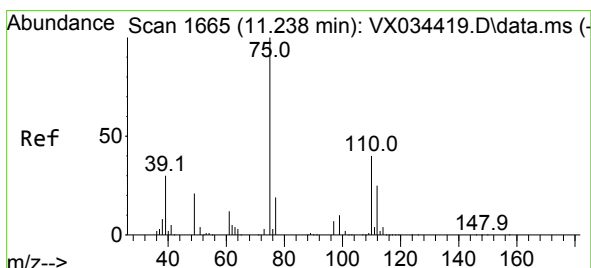
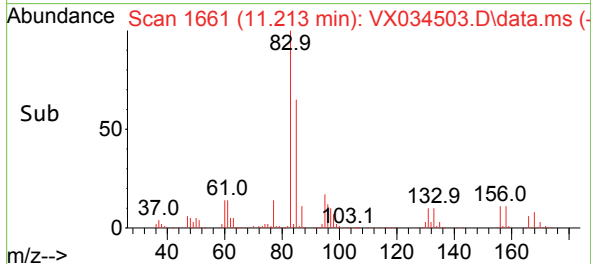
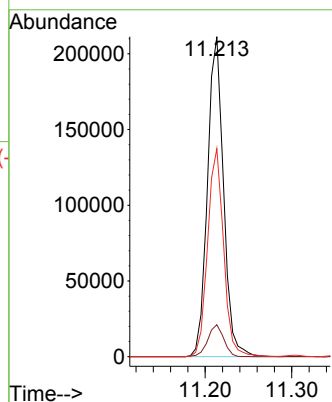
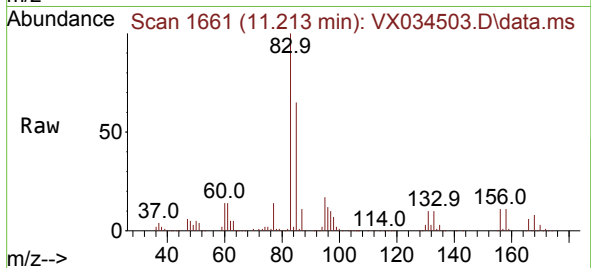
Tgt Ion: 83 Resp: 272312

Ion Ratio Lower Upper

83 100

131 10.0 4.8 14.3

85 64.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 58.908 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX034503.D

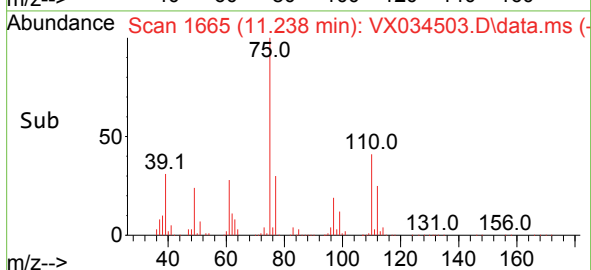
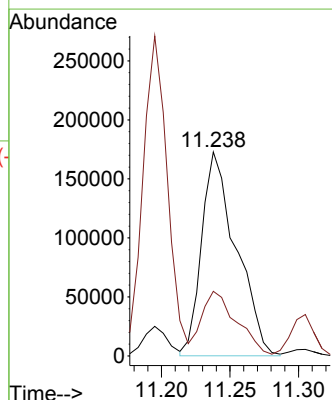
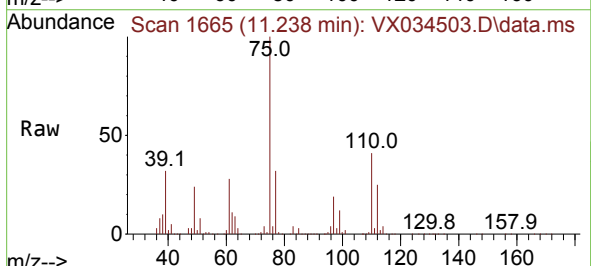
Acq: 15 Mar 2023 13:04

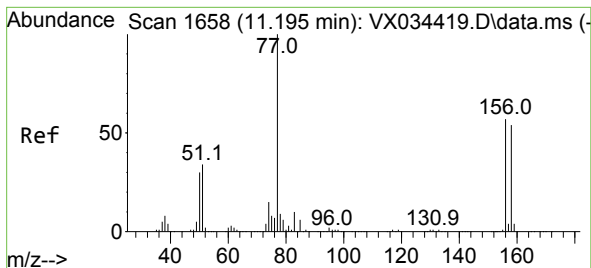
Tgt Ion: 75 Resp: 304112

Ion Ratio Lower Upper

75 100

77 32.2 21.6 64.8





#77

Bromobenzene

Concen: 46.312 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

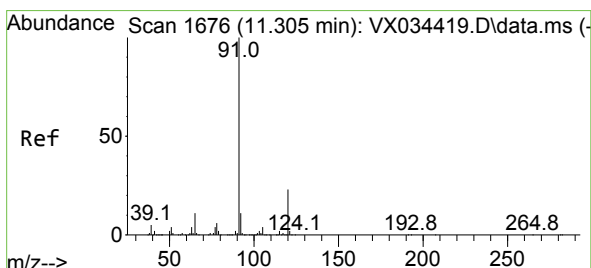
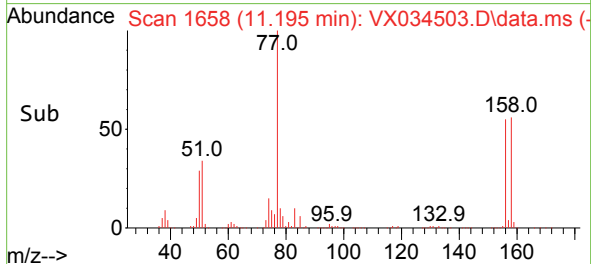
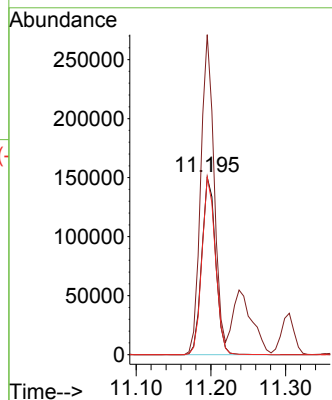
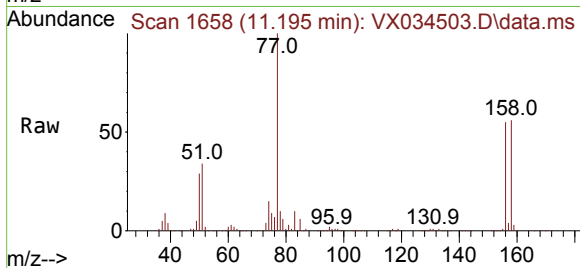
Tgt Ion:156 Resp: 193080

Ion Ratio Lower Upper

156 100

77 174.9 86.7 259.9

158 98.1 48.0 144.0



#78

n-propylbenzene

Concen: 48.960 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX034503.D

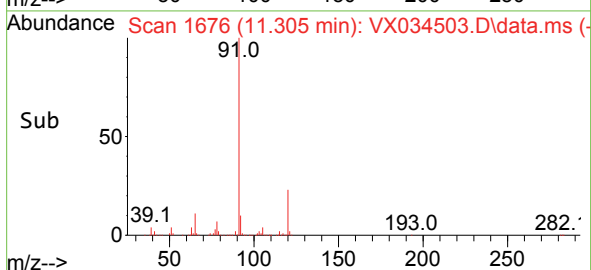
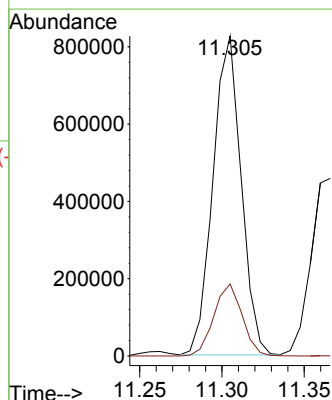
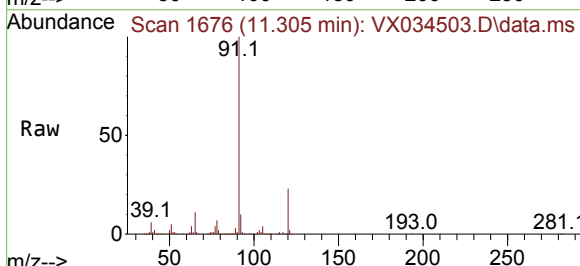
Acq: 15 Mar 2023 13:04

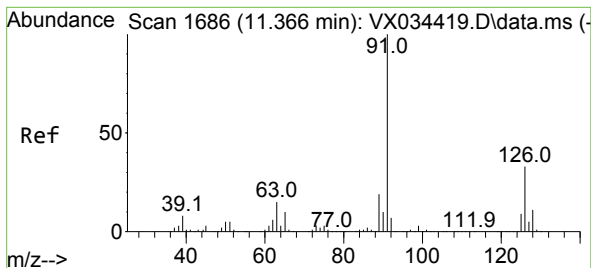
Tgt Ion: 91 Resp: 982549

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.5

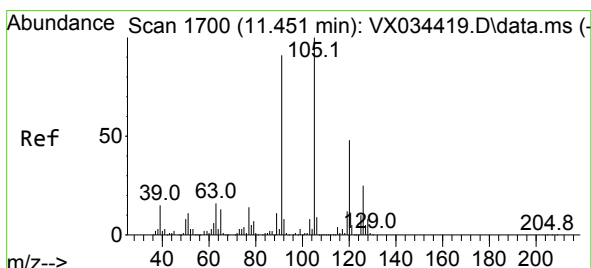
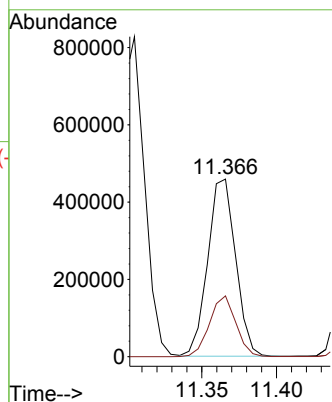
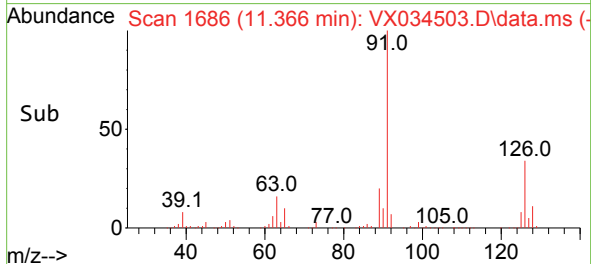
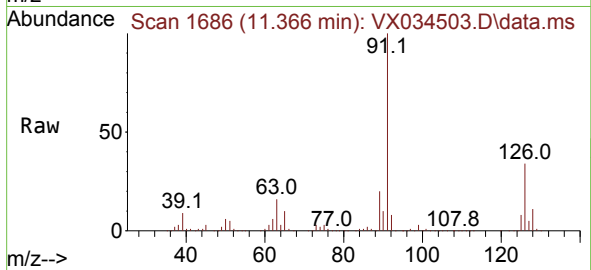




#79
2-Chlorotoluene
Concen: 48.079 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

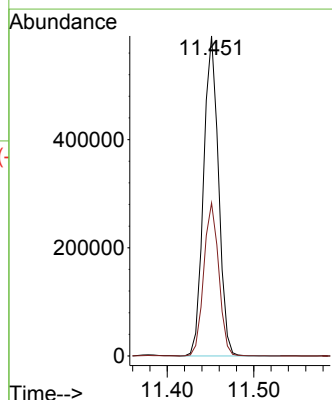
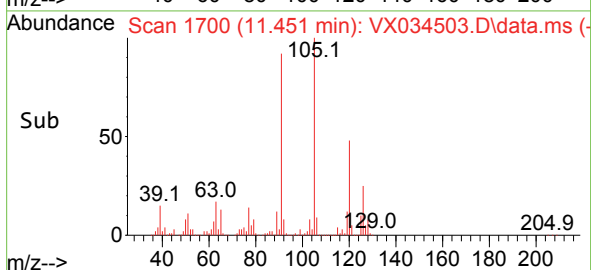
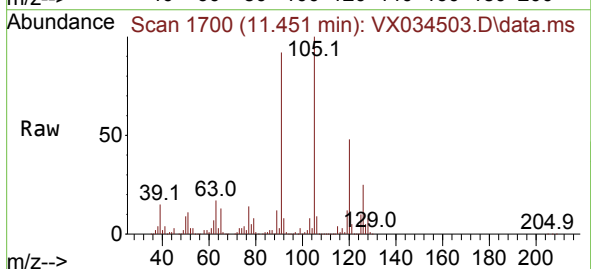
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

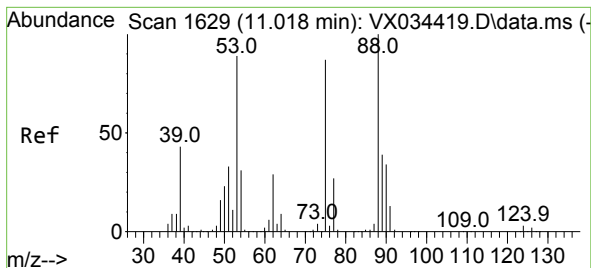
Tgt Ion: 91 Resp: 595906
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 48.539 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 105 Resp: 707469
Ion Ratio Lower Upper
105 100
120 48.0 23.7 71.1

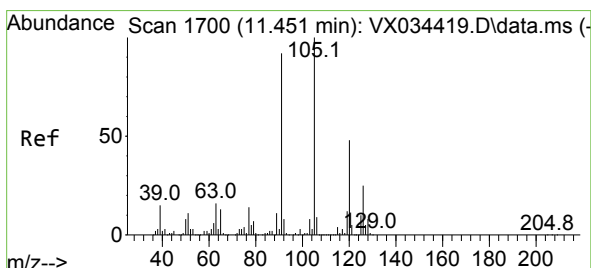
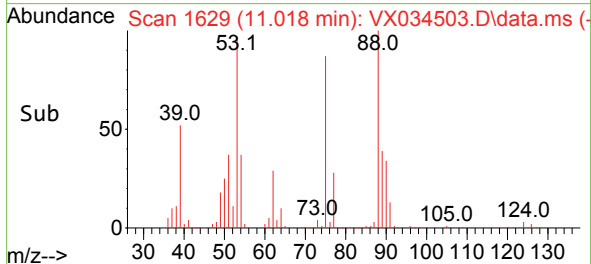
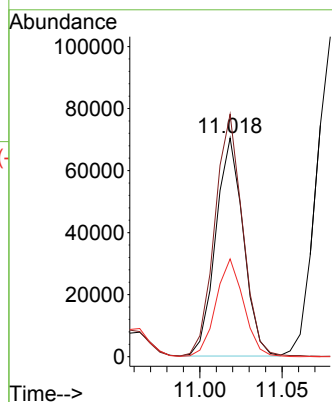
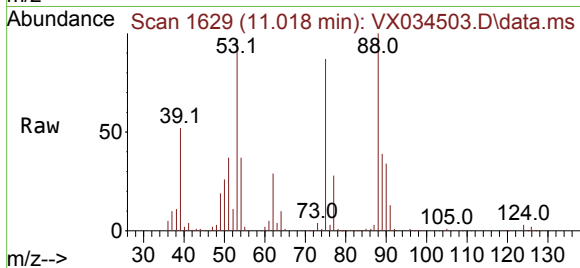




#81
trans-1,4-Dichloro-2-butene
Concen: 43.023 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

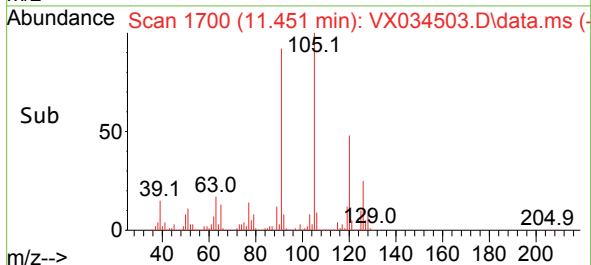
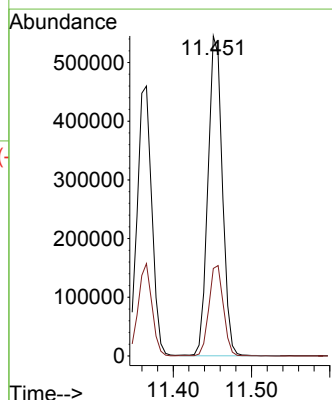
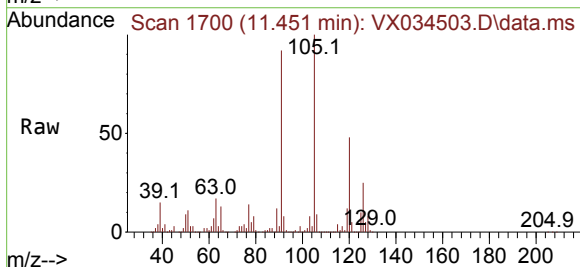
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

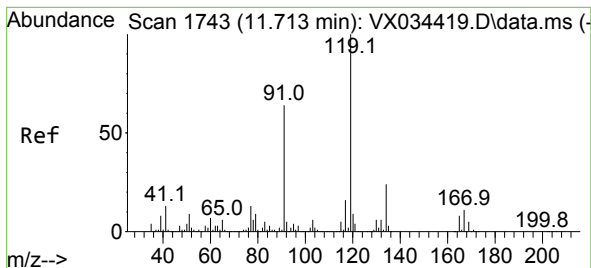
Tgt Ion: 75 Resp: 82101
Ion Ratio Lower Upper
75 100
53 112.1 82.6 124.0
89 45.0 36.9 55.3



#82
4-Chlorotoluene
Concen: 48.482 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 91 Resp: 692151
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 47.253 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

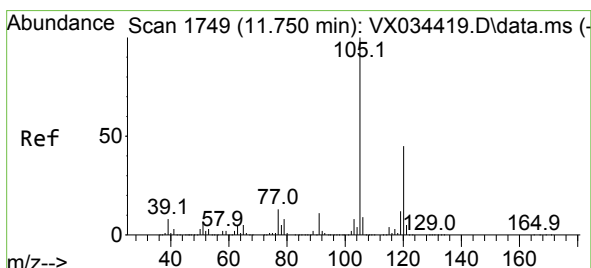
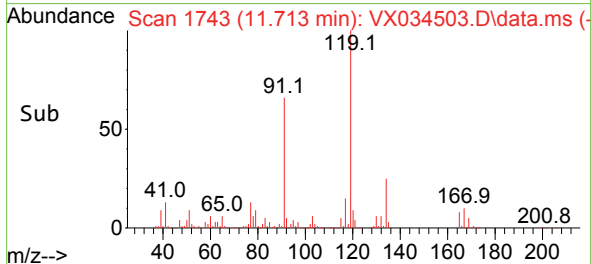
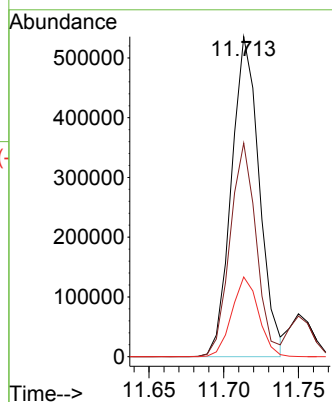
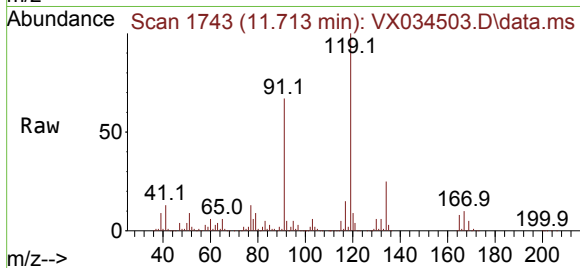
Tgt Ion:119 Resp: 694415

Ion Ratio Lower Upper

119 100

91 62.9 30.6 92.0

134 23.9 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 47.967 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034503.D

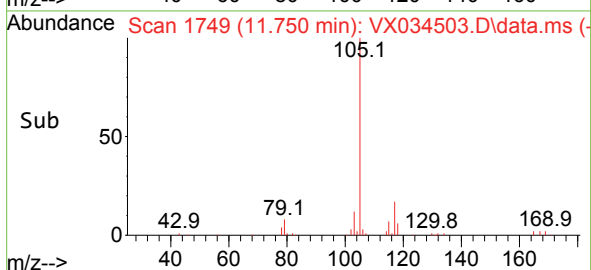
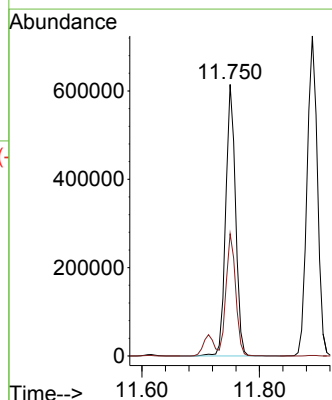
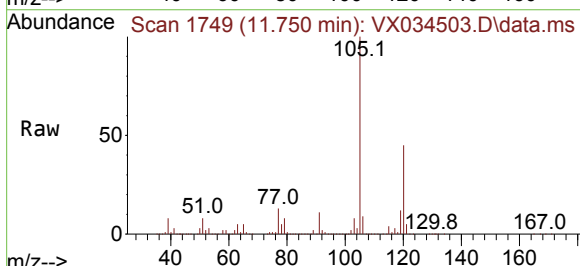
Acq: 15 Mar 2023 13:04

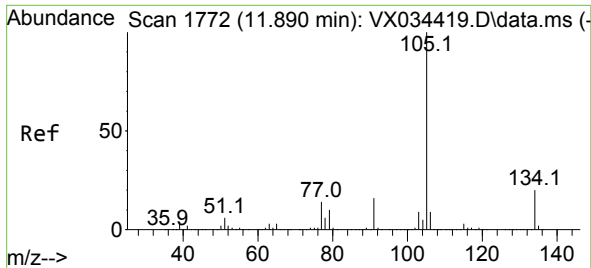
Tgt Ion:105 Resp: 714511

Ion Ratio Lower Upper

105 100

120 44.0 22.4 67.0

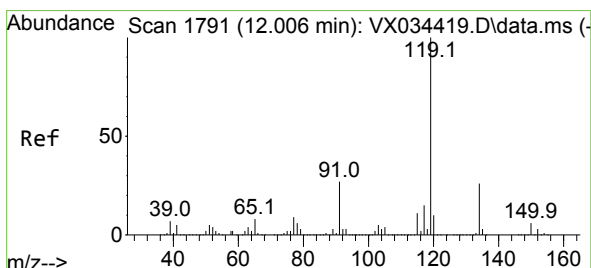
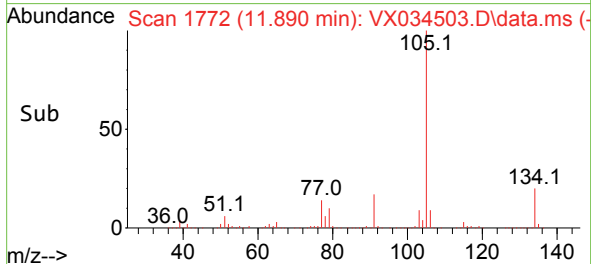
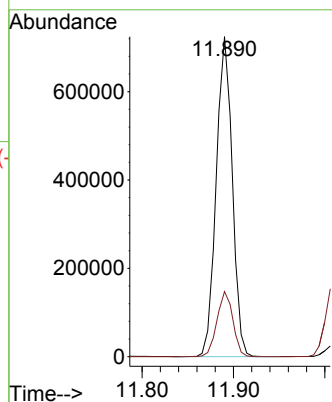
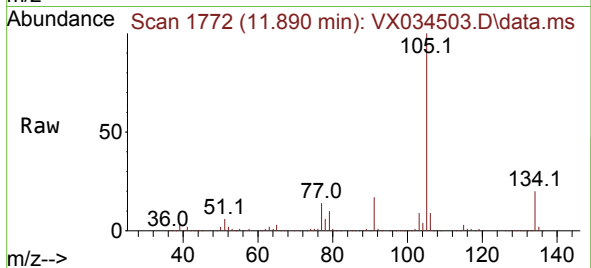




#85
 sec-Butylbenzene
 Concen: 49.181 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034503.D
 Acq: 15 Mar 2023 13:04

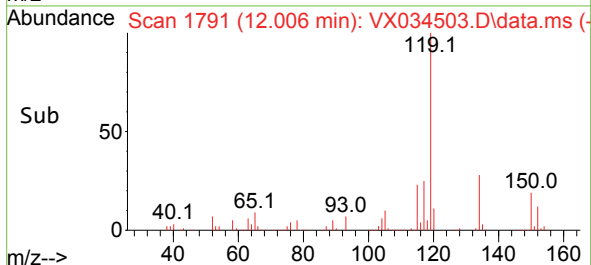
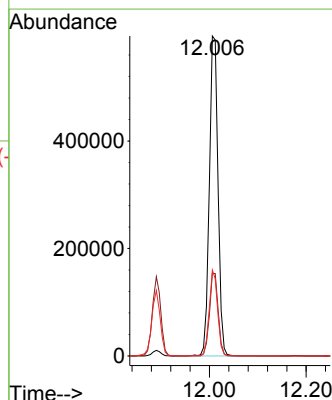
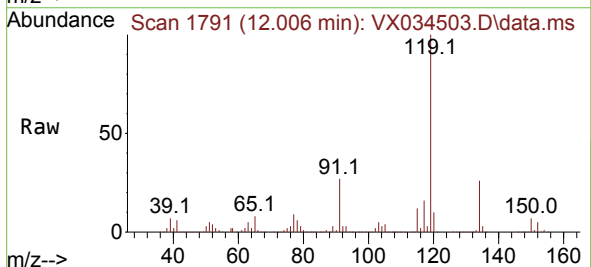
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

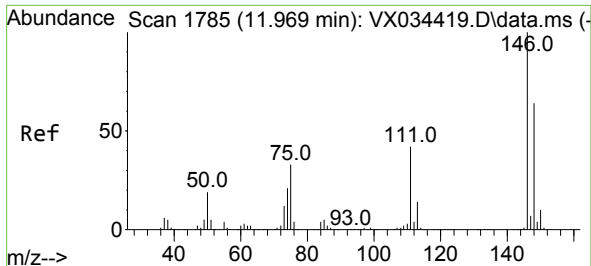
Tgt Ion:105 Resp: 883574
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 49.249 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034503.D
 Acq: 15 Mar 2023 13:04

Tgt Ion:119 Resp: 743624
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 25.8 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 46.941 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

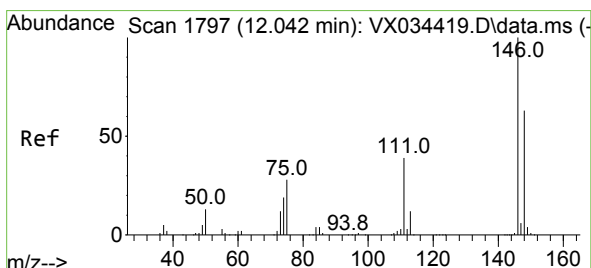
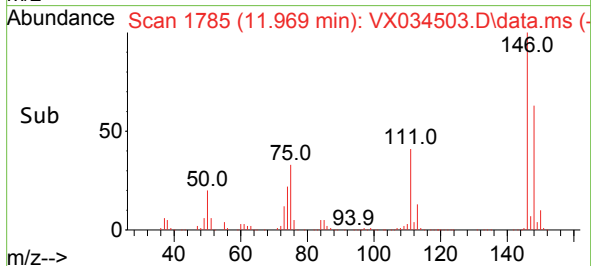
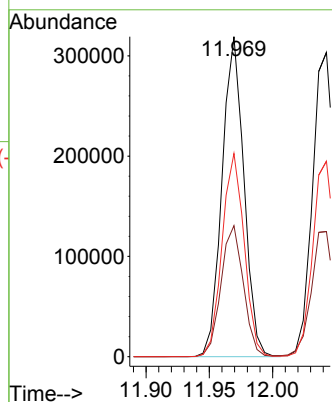
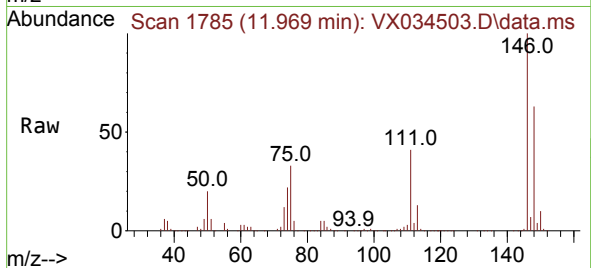
Tgt Ion:146 Resp: 383453

Ion Ratio Lower Upper

146 100

111 41.9 20.9 62.8

148 64.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 46.578 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

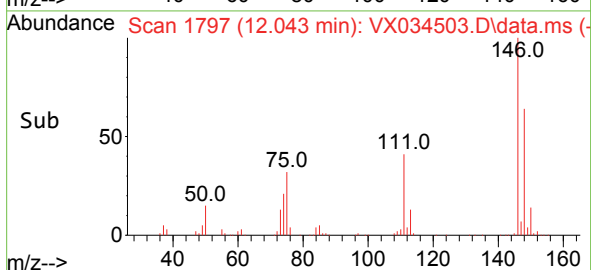
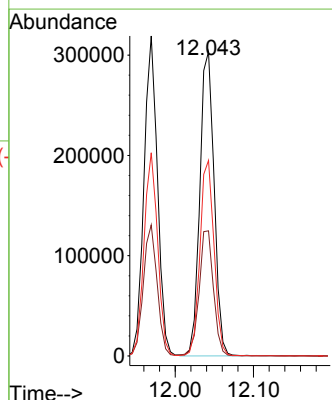
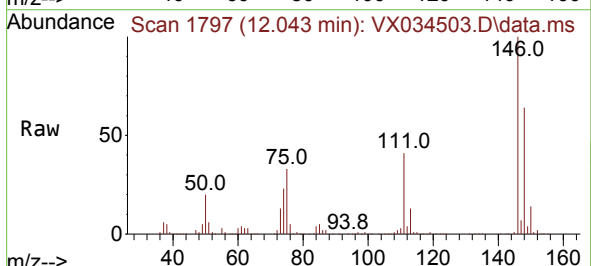
Tgt Ion:146 Resp: 384728

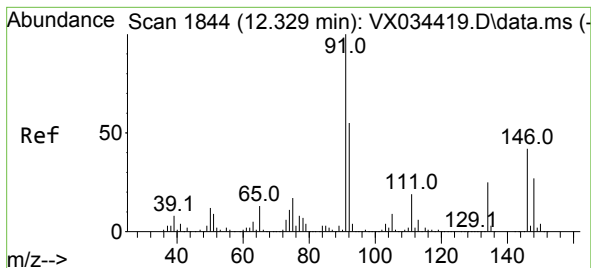
Ion Ratio Lower Upper

146 100

111 41.5 20.6 61.9

148 63.4 31.8 95.4





#89

n-Butylbenzene

Concen: 50.376 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

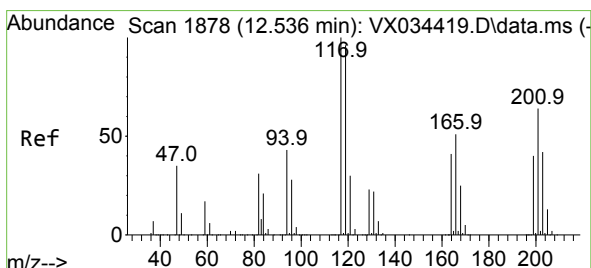
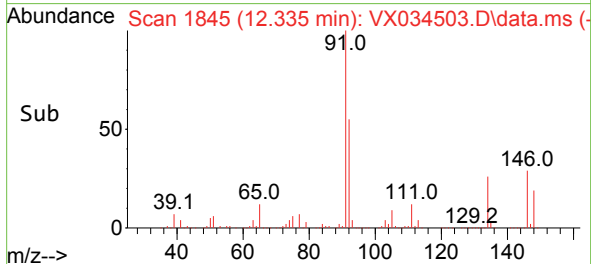
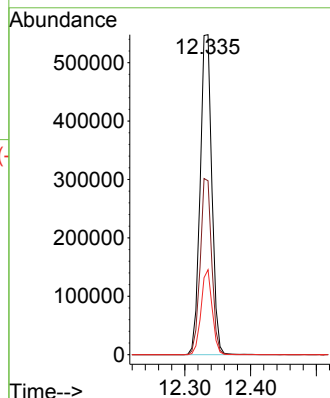
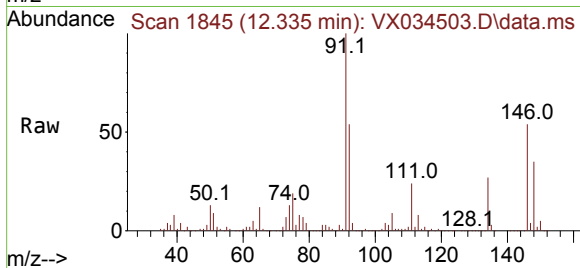
Tgt Ion: 91 Resp: 676202

Ion Ratio Lower Upper

91 100

92 54.2 27.7 83.0

134 25.3 13.0 38.9



#90

Hexachloroethane

Concen: 46.752 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX034503.D

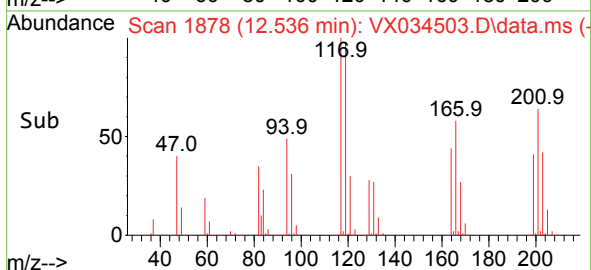
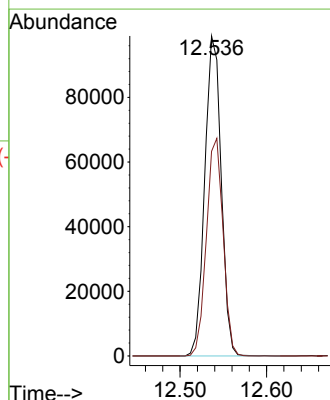
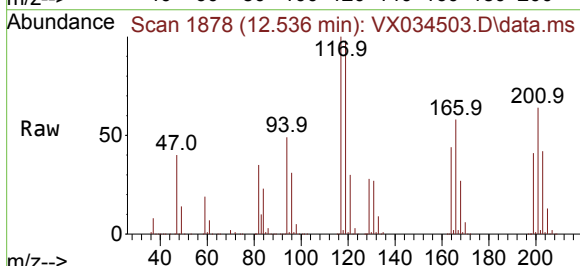
Acq: 15 Mar 2023 13:04

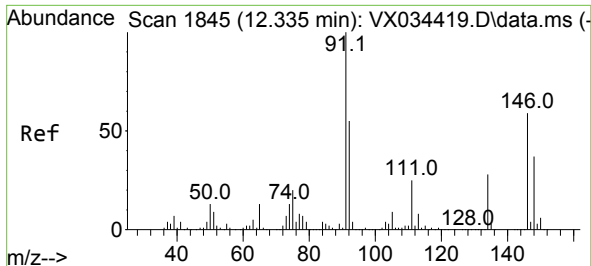
Tgt Ion: 117 Resp: 130622

Ion Ratio Lower Upper

117 100

201 68.8 34.4 103.1

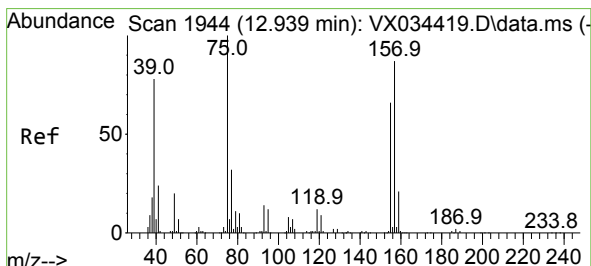
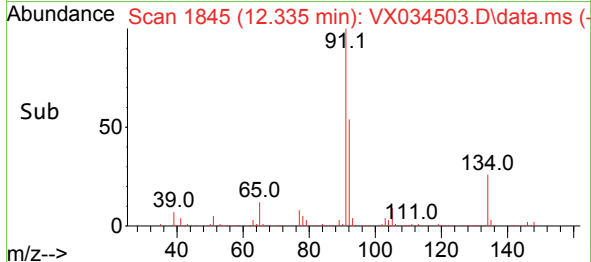
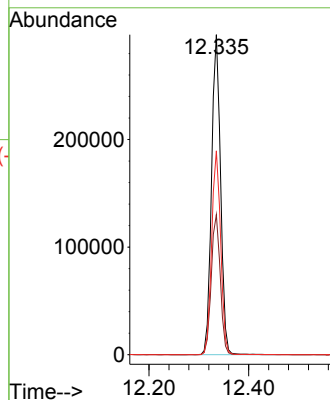
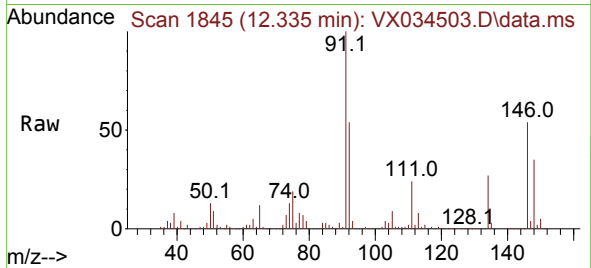




#91
1,2-Dichlorobenzene
Concen: 47.259 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

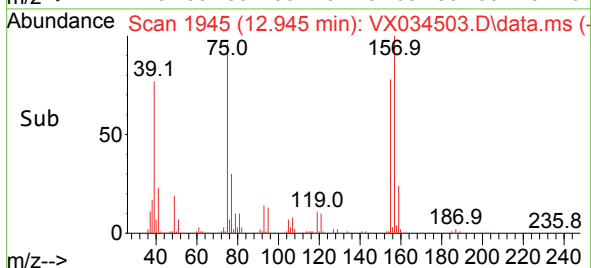
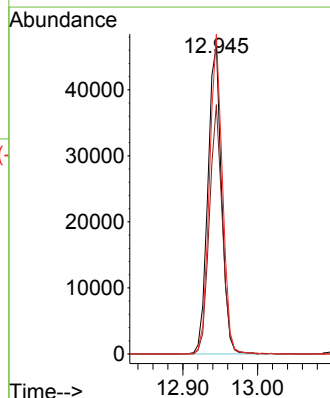
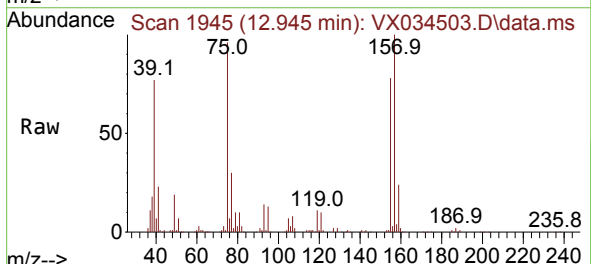
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

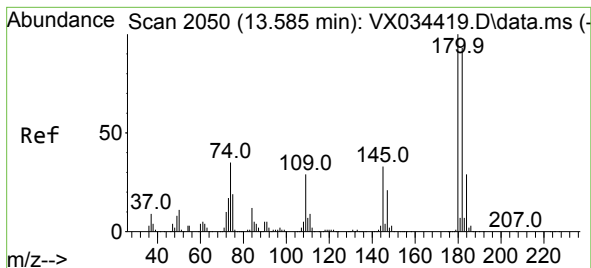
Tgt Ion:146 Resp: 373081
Ion Ratio Lower Upper
146 100
111 43.8 22.0 66.0
148 63.4 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.008 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion: 75 Resp: 59296
Ion Ratio Lower Upper
75 100
155 75.9 38.4 115.1
157 98.2 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 47.071 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

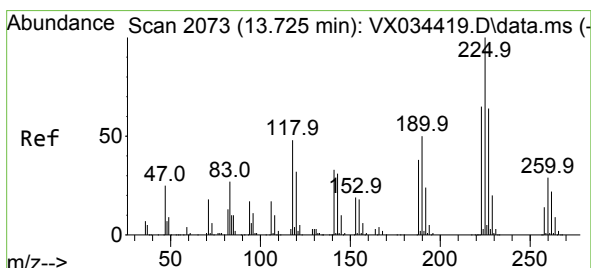
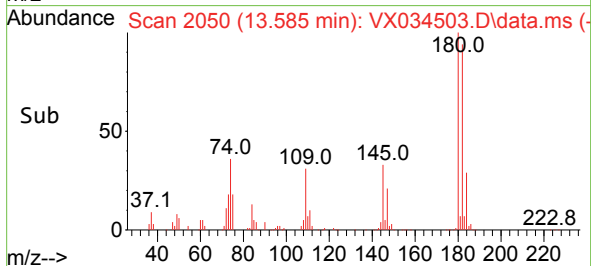
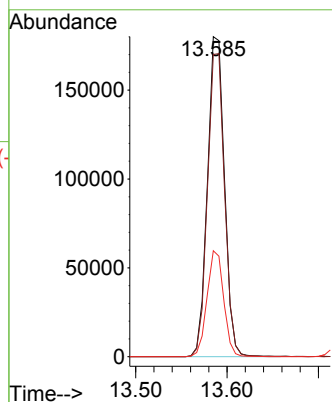
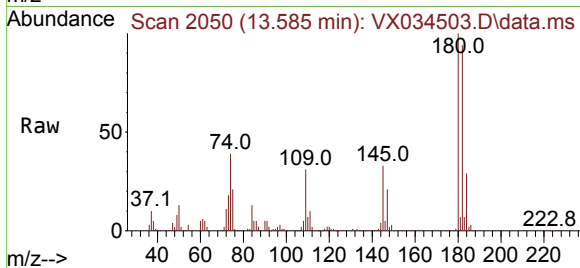
Tgt Ion:180 Resp: 232374

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.0

145 32.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 48.306 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034503.D

Acq: 15 Mar 2023 13:04

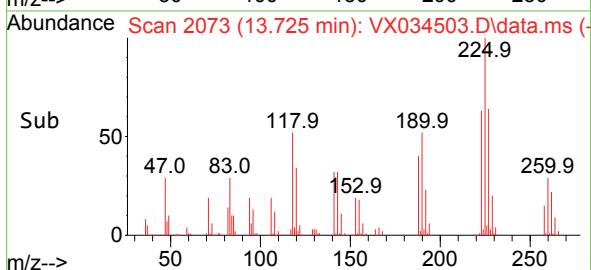
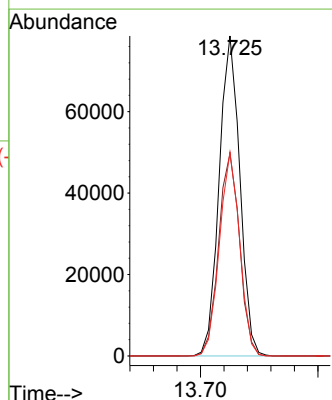
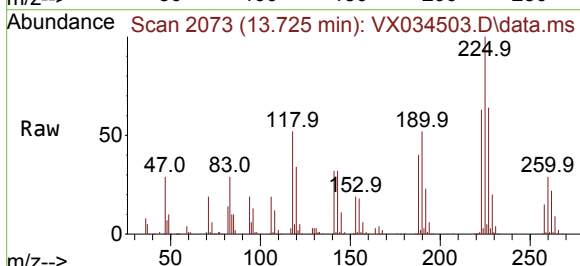
Tgt Ion:225 Resp: 96073

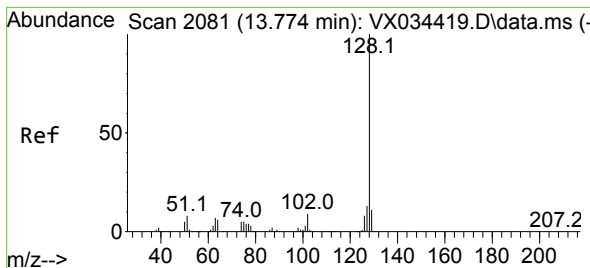
Ion Ratio Lower Upper

225 100

223 64.1 32.1 96.5

227 62.3 31.8 95.4

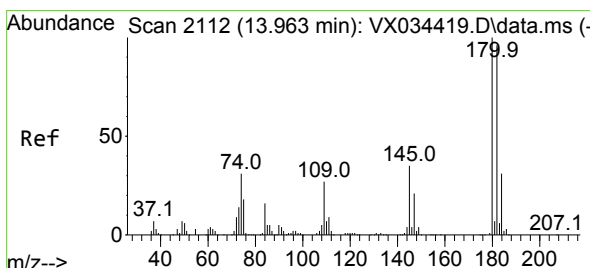
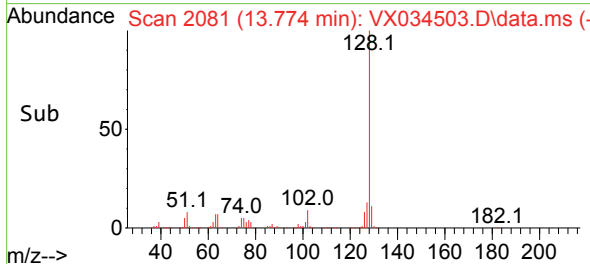
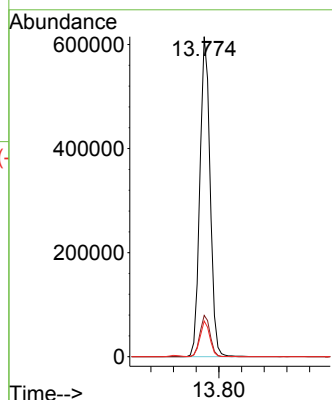
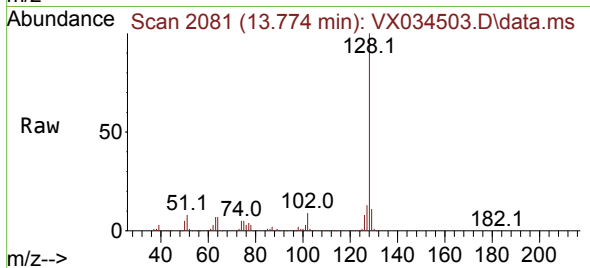




#95
Naphthalene
Concen: 46.487 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 769578
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.892 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034503.D
Acq: 15 Mar 2023 13:04

Tgt Ion:180 Resp: 231110
Ion Ratio Lower Upper
180 100
182 93.8 48.0 144.2
145 34.3 17.7 53.1

