

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040318.D
 Acq On : 19 Feb 2024 10:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 20 01:08:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	96265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78752	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71404	49.858	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.720%
35) Dibromofluoromethane	5.379	113	55347	49.435	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.860%
50) Toluene-d8	8.647	98	202109	48.258	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.079	95	82536	48.321	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55749	51.268	ug/l	99
3) Chloromethane	1.294	50	54063	48.213	ug/l	97
4) Vinyl Chloride	1.374	62	56449	47.637	ug/l	98
5) Bromomethane	1.599	94	38190	57.111	ug/l	99
6) Chloroethane	1.684	64	34544	46.223	ug/l	98
7) Trichlorofluoromethane	1.886	101	88472	46.491	ug/l	97
8) Diethyl Ether	2.130	74	32994	46.155	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	52802	51.727	ug/l	98
10) Methyl Iodide	2.453	142	59038	52.095	ug/l	94
11) Tert butyl alcohol	2.953	59	55071	197.416	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	48496	49.343	ug/l	91
13) Acrolein	2.233	56	69565	270.175	ug/l	99
14) Allyl chloride	2.660	41	91560	53.682	ug/l	98
15) Acrylonitrile	3.056	53	160176	256.625	ug/l	100
16) Acetone	2.373	43	166312	282.752	ug/l	97
17) Carbon Disulfide	2.508	76	120414	46.407	ug/l	98
18) Methyl Acetate	2.696	43	71651	45.441	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	177375	51.227	ug/l	97
20) Methylene Chloride	2.788	84	57747	52.448	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	52674	47.058	ug/l	99
22) Diisopropyl ether	3.757	45	190548	55.087	ug/l	90
23) Vinyl Acetate	3.715	43	852176	276.357	ug/l	99
24) 1,1-Dichloroethane	3.605	63	106218	52.716	ug/l	98
25) 2-Butanone	4.544	43	238374	259.265	ug/l	98
26) 2,2-Dichloropropane	4.471	77	81780	52.725	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	64015	50.132	ug/l	97
28) Bromochloromethane	4.891	49	48688	56.914	ug/l	98
29) Tetrahydrofuran	4.989	42	149261	249.184	ug/l	99
30) Chloroform	5.086	83	111082	50.990	ug/l	96
31) Cyclohexane	5.464	56	85146	49.845	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	91972	50.184	ug/l	99
36) 1,1-Dichloropropene	5.690	75	79441	50.652	ug/l	99
37) Ethyl Acetate	4.702	43	86616	49.633	ug/l	99
38) Carbon Tetrachloride	5.672	117	73134	49.043	ug/l	98
39) Methylcyclohexane	7.379	83	88517	48.565	ug/l	98
40) Benzene	6.031	78	222256	50.675	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	48829	52.781	ug/l	93
42) 1,2-Dichloroethane	6.080	62	89105	51.977	ug/l	100
43) Isopropyl Acetate	6.330	43	141235	51.844	ug/l	100
44) Trichloroethene	7.123	130	58165	48.078	ug/l	93
45) 1,2-Dichloropropane	7.427	63	62089	54.389	ug/l	96
46) Dibromomethane	7.574	93	43353	51.565	ug/l	98
47) Bromodichloromethane	7.818	83	85660	52.877	ug/l	97
48) Methyl methacrylate	7.689	41	70472	50.556	ug/l	94
49) 1,4-Dioxane	7.653	88	25606	844.396	ug/l #	96
51) 4-Methyl-2-Pentanone	8.567	43	479947	258.044	ug/l	99
52) Toluene	8.714	92	142154	49.482	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	90218	46.881	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	96561	53.185	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	62549	51.048	ug/l	97
56) Ethyl methacrylate	9.116	69	93986	51.238	ug/l	97
57) 1,3-Dichloropropane	9.305	76	101318	50.660	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	218479	251.779	ug/l	95
59) 2-Hexanone	9.427	43	380047	257.719	ug/l	100
60) Dibromochloromethane	9.518	129	63688	51.018	ug/l	100
61) 1,2-Dibromoethane	9.604	107	61915	47.539	ug/l	98
64) Tetrachloroethene	9.268	164	51638	49.090	ug/l	96
65) Chlorobenzene	10.079	112	153361	48.953	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	55134	50.814	ug/l	98
67) Ethyl Benzene	10.189	91	290100	51.994	ug/l	97
68) m/p-Xylenes	10.299	106	214632	101.854	ug/l	97
69) o-Xylene	10.640	106	103121	50.358	ug/l	94
70) Styrene	10.652	104	178766	52.508	ug/l	98
71) Bromoform	10.799	173	45138	44.495	ug/l #	98
73) Isopropylbenzene	10.957	105	285223	51.422	ug/l	99
74) N-amyl acetate	10.841	43	132388	55.682	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	101853	51.111	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	109221	68.487	ug/l	89
77) Bromobenzene	11.195	156	66925	51.085	ug/l	97
78) n-propylbenzene	11.305	91	358343	53.362	ug/l	97
79) 2-Chlorotoluene	11.360	91	207750	51.232	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	246084	52.698	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	26567	47.009	ug/l	99
82) 4-Chlorotoluene	11.451	91	243550	50.691	ug/l	99
83) tert-Butylbenzene	11.713	119	232031	50.682	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	246811	52.242	ug/l	99
85) sec-Butylbenzene	11.890	105	311775	52.990	ug/l	99
86) p-Isopropyltoluene	12.006	119	254055	52.676	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	133061	51.261	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	133282	48.490	ug/l	100
89) n-Butylbenzene	12.329	91	248434	53.362	ug/l	97
90) Hexachloroethane	12.536	117	40949	53.827	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	126903	50.502	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22203	48.274	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	85989	49.984	ug/l	96
94) Hexachlorobutadiene	13.725	225	35387	51.539	ug/l	96
95) Naphthalene	13.774	128	273214	50.283	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	82803	50.495	ug/l	98

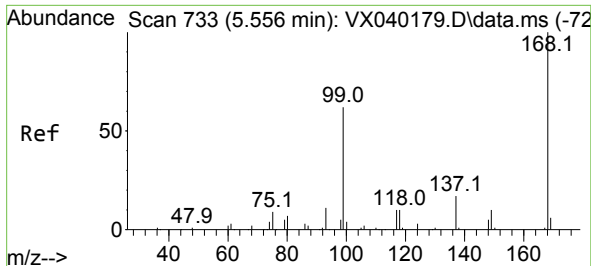
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Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

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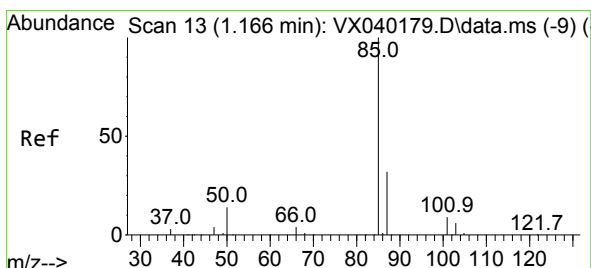
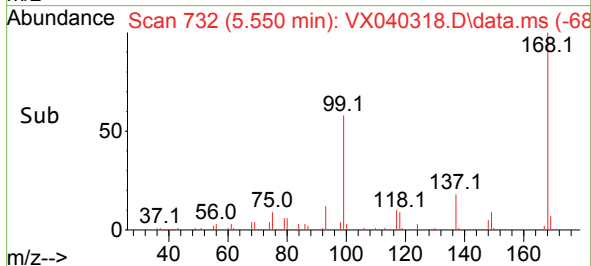
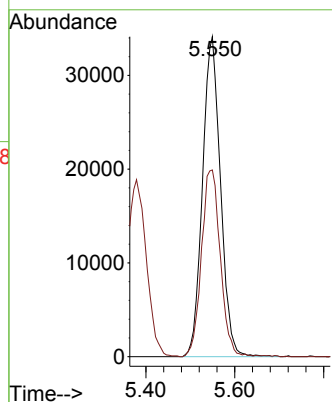
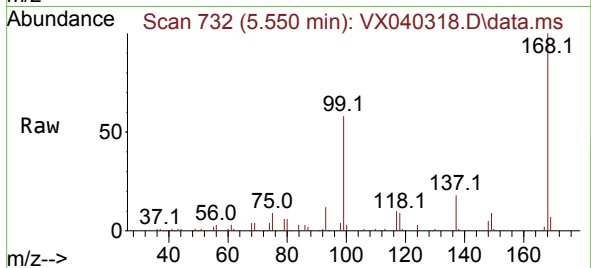
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

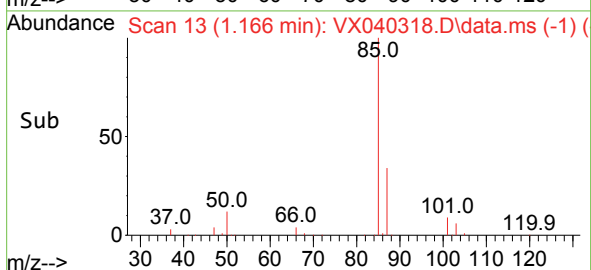
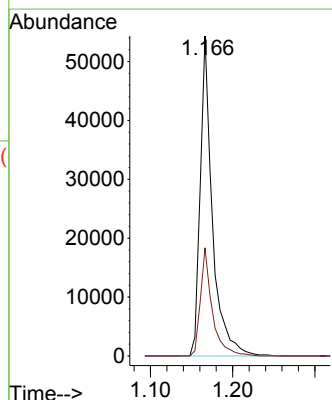
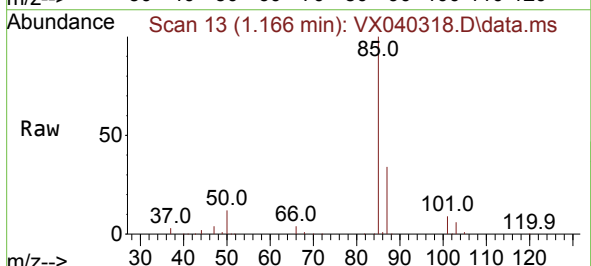
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ClientSampleId :
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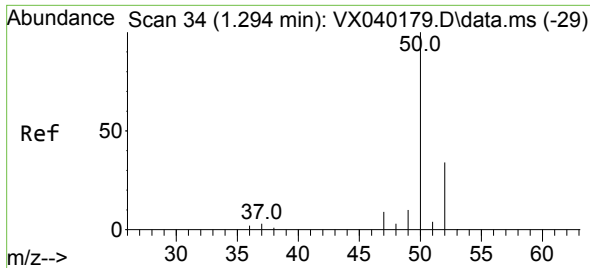
Tgt Ion:168 Resp: 96265
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 51.268 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 85 Resp: 55749
Ion Ratio Lower Upper
85 100
87 33.8 16.7 50.1

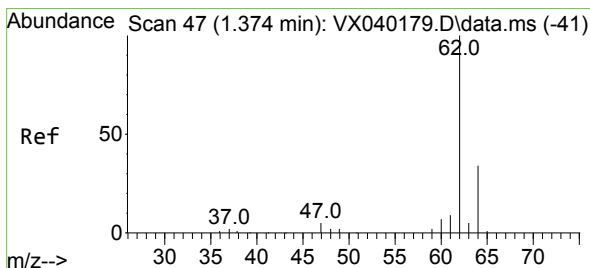
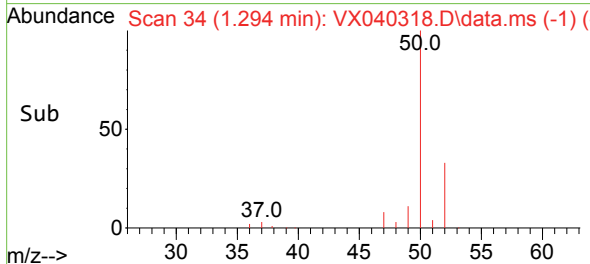
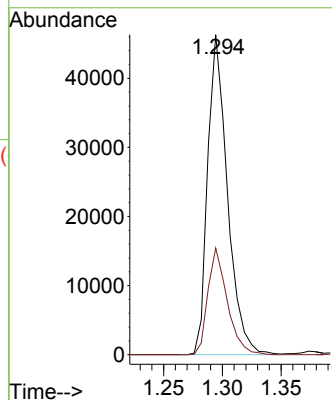
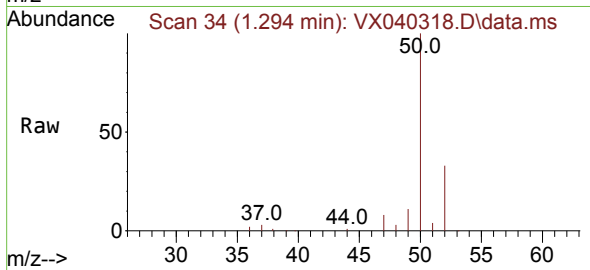




#3
Chloromethane
Concen: 48.213 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

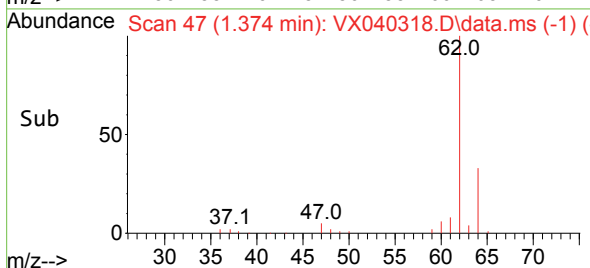
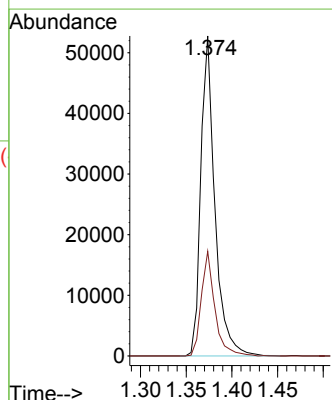
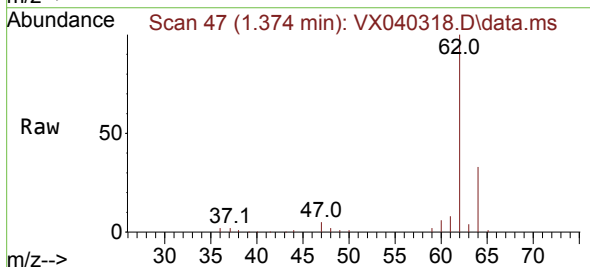
Instrument :
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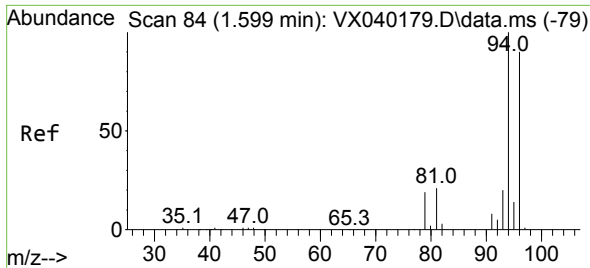
Tgt Ion: 50 Resp: 54063
Ion Ratio Lower Upper
50 100
52 33.4 25.5 38.3



#4
Vinyl Chloride
Concen: 47.637 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 62 Resp: 56449
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0

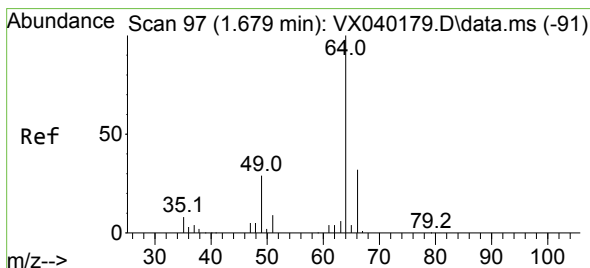
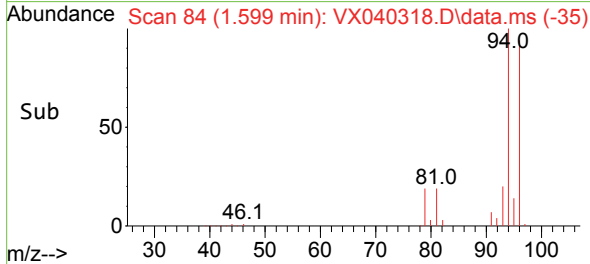
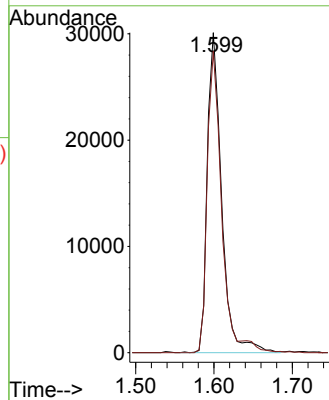
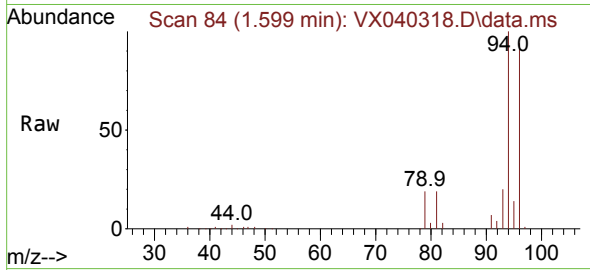




#5
Bromomethane
Concen: 57.111 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

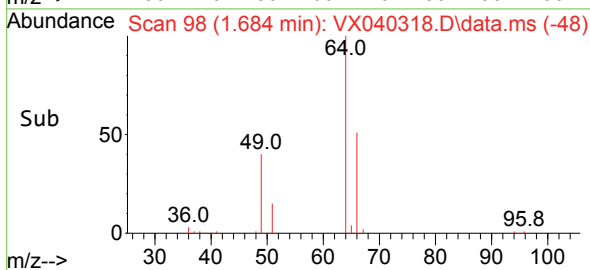
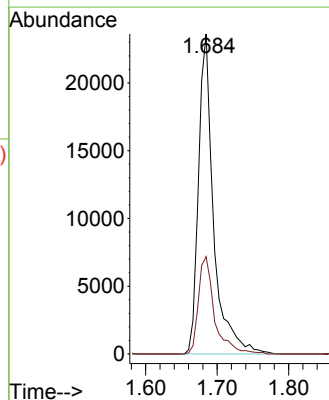
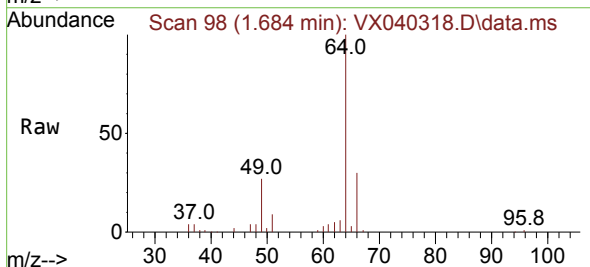
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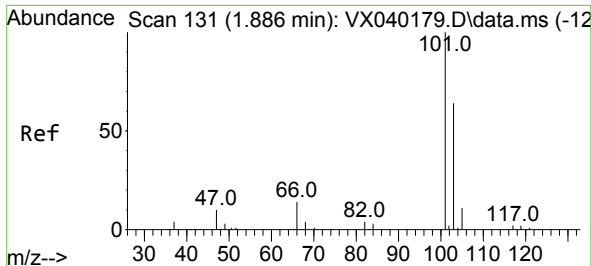
Tgt Ion: 94 Resp: 38190
Ion Ratio Lower Upper
94 100
96 94.2 74.6 111.8



#6
Chloroethane
Concen: 46.223 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 64 Resp: 34544
Ion Ratio Lower Upper
64 100
66 30.4 25.1 37.7

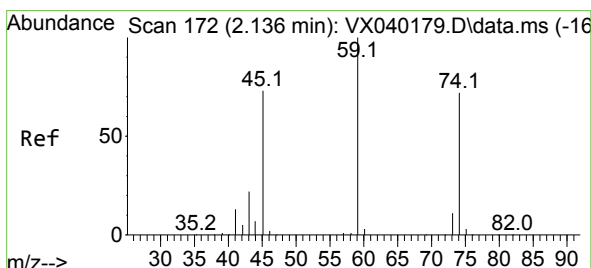
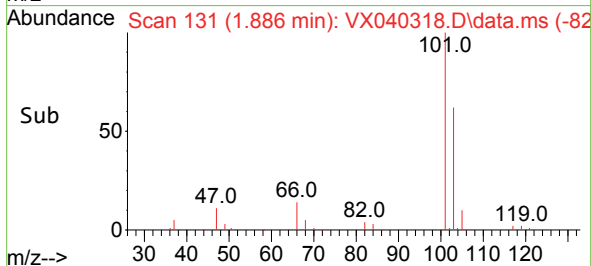
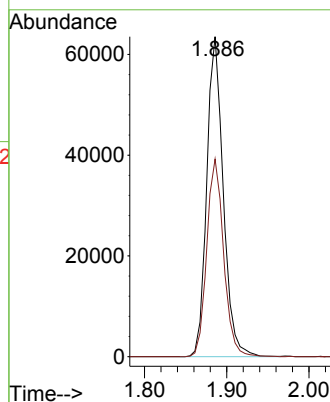
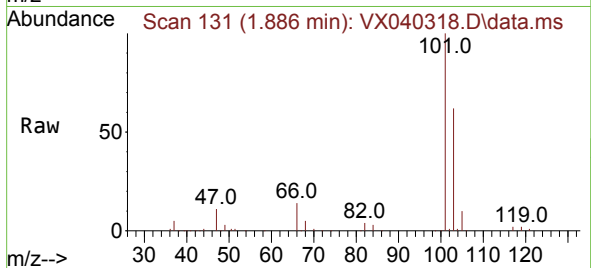




#7
Trichlorofluoromethane
Concen: 46.491 ug/l
RT: 1.886 min Scan# 118
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

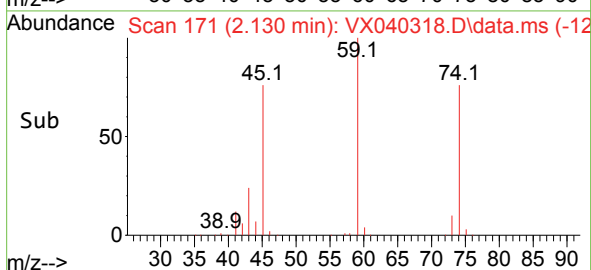
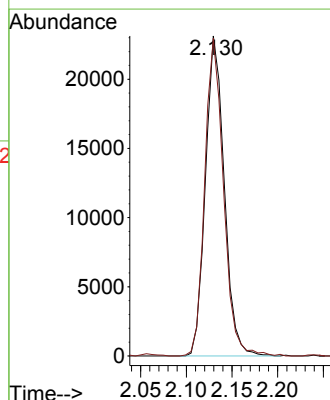
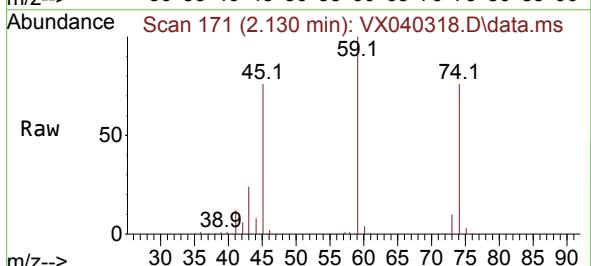
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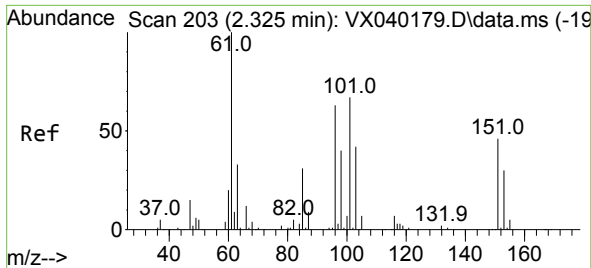
Tgt Ion:101 Resp: 88472
Ion Ratio Lower Upper
101 100
103 61.8 51.4 77.2



#8
Diethyl Ether
Concen: 46.155 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 74 Resp: 32994
Ion Ratio Lower Upper
74 100
45 99.2 53.3 159.8

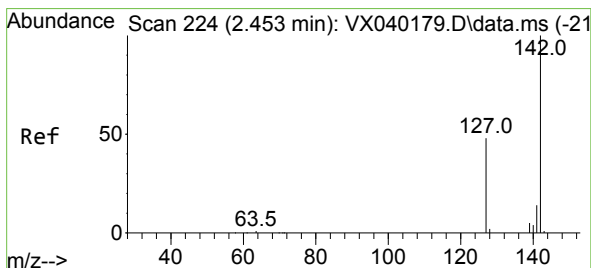
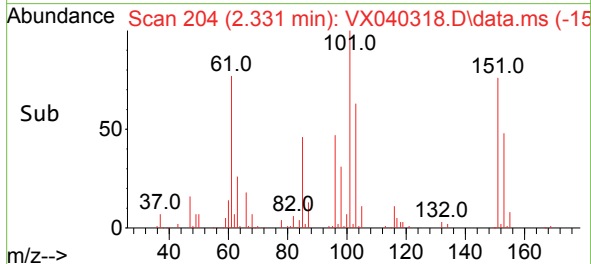
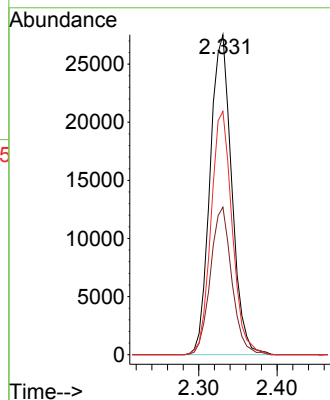
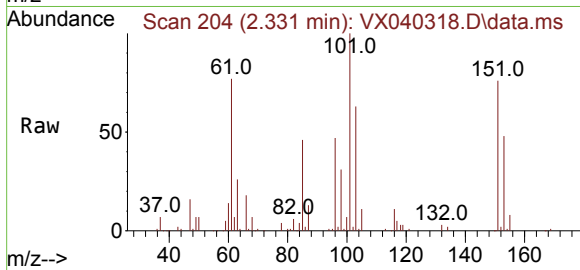




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.727 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

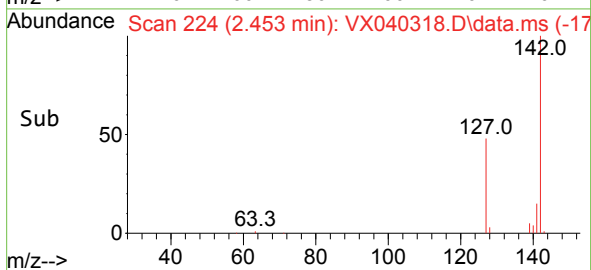
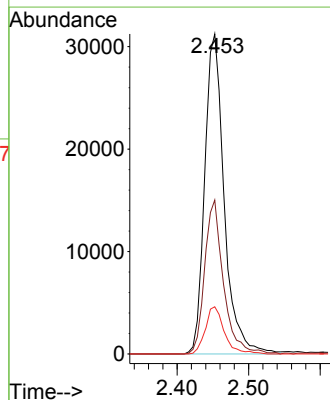
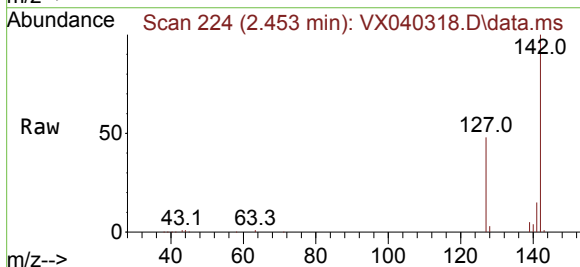
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

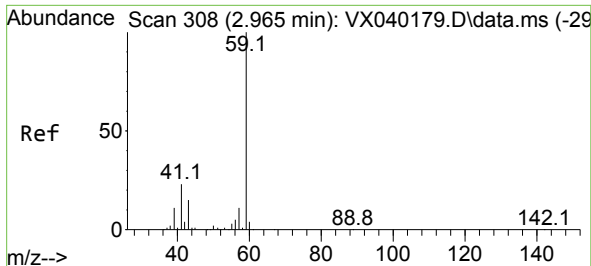
Tgt Ion:101 Resp: 52802
Ion Ratio Lower Upper
101 100
85 45.6 37.0 55.6
151 74.7 58.6 87.8



#10
Methyl Iodide
Concen: 52.095 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion:142 Resp: 59038
Ion Ratio Lower Upper
142 100
127 46.4 41.6 62.4
141 14.4 11.6 17.4

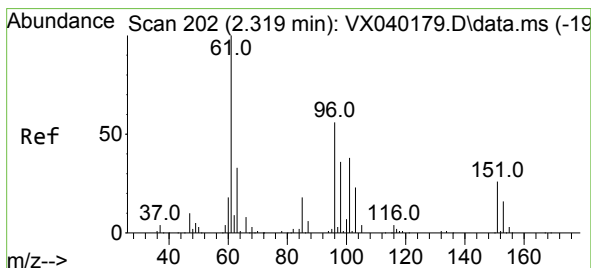
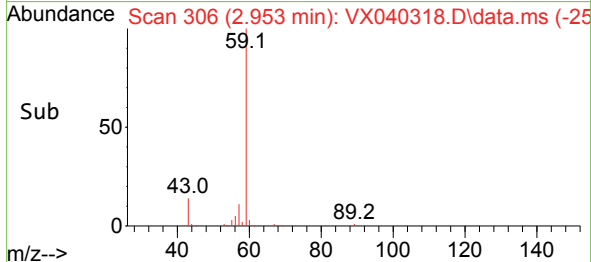
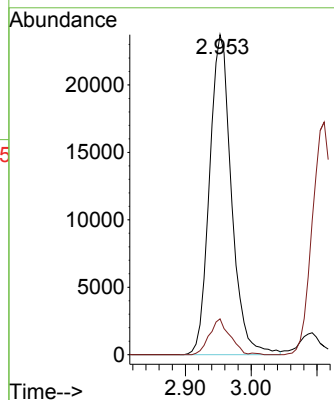
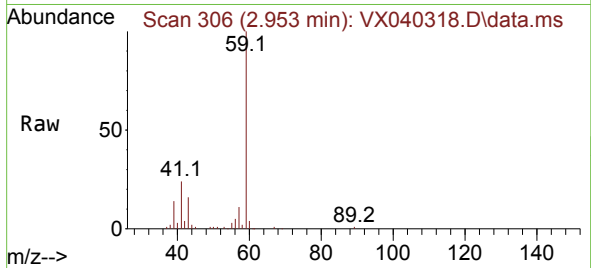




#11
Tert butyl alcohol
Concen: 197.416 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

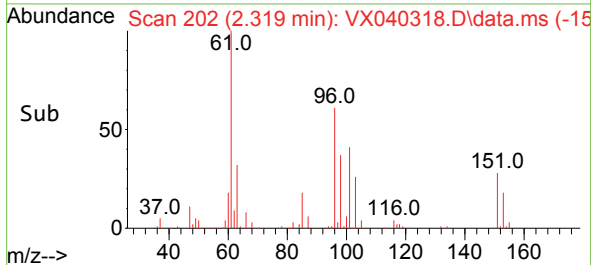
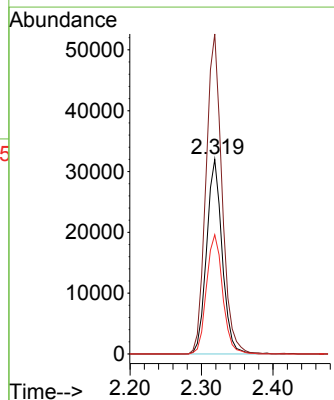
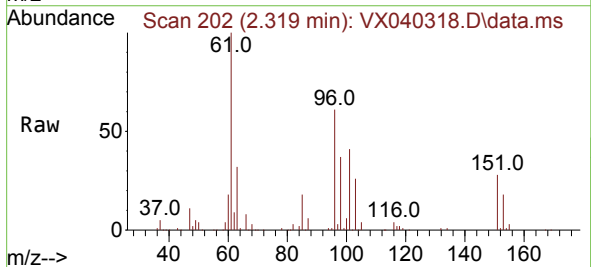
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

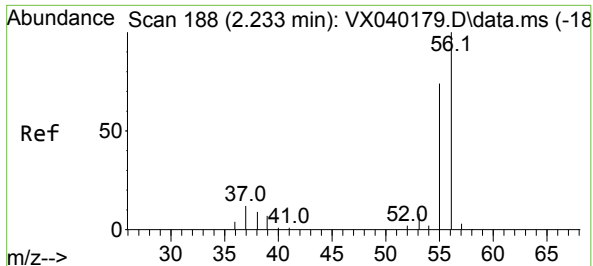
Tgt Ion: 59 Resp: 55071
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 49.343 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 96 Resp: 48496
Ion Ratio Lower Upper
96 100
61 164.5 144.6 216.8
98 61.2 50.4 75.6





#13

Acrolein

Concen: 270.175 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

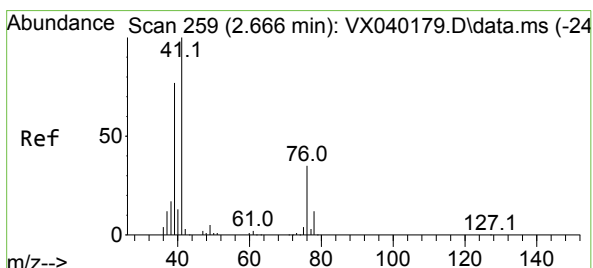
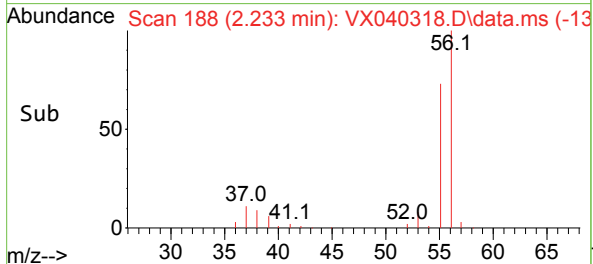
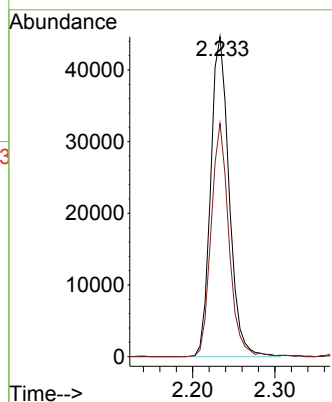
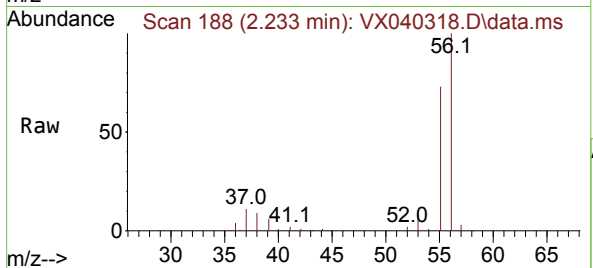
VSTDCCC050

Tgt Ion: 56 Resp: 69565

Ion Ratio Lower Upper

56 100

55 70.2 57.1 85.7



#14

Allyl chloride

Concen: 53.682 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

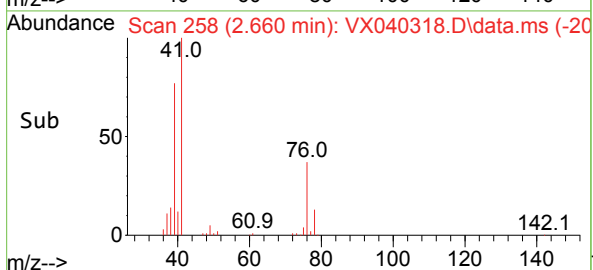
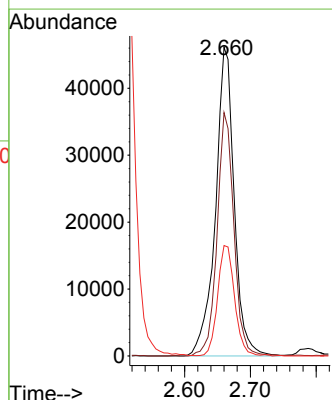
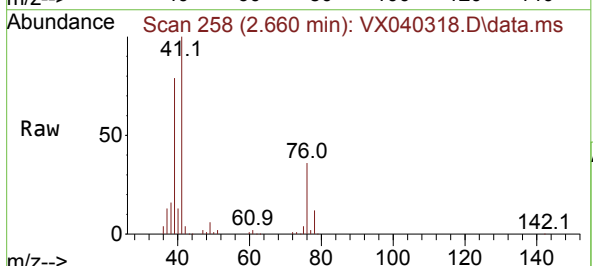
Tgt Ion: 41 Resp: 91560

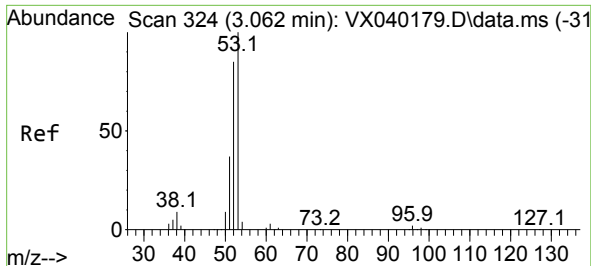
Ion Ratio Lower Upper

41 100

39 70.7 55.8 83.6

76 32.6 24.3 36.5

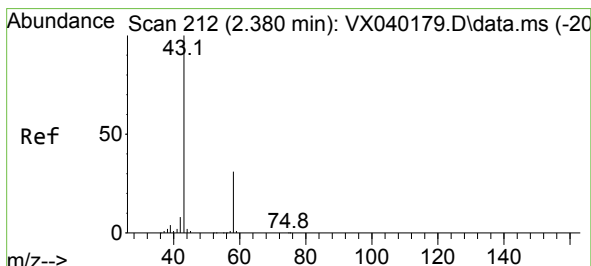
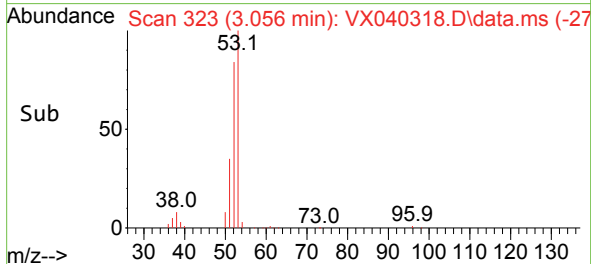
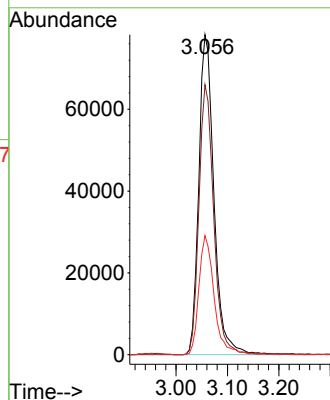
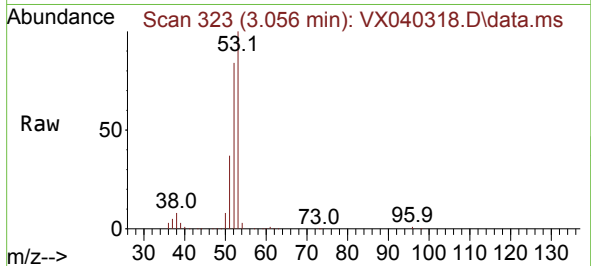




#15
Acrylonitrile
Concen: 256.625 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

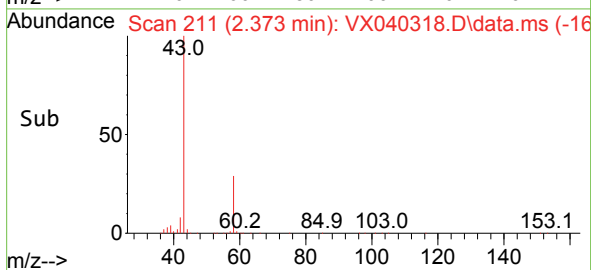
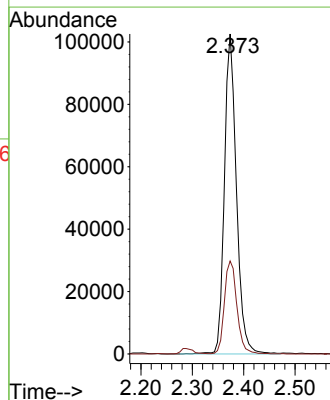
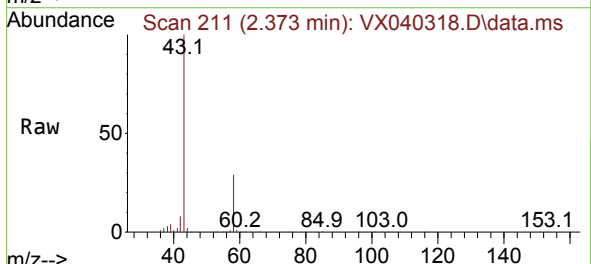
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

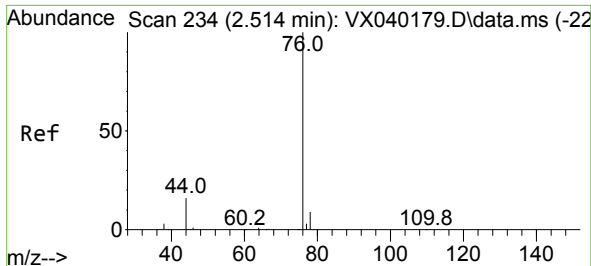
Tgt Ion: 53 Resp: 160176
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 37.5 29.8 44.6



#16
Acetone
Concen: 282.752 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 43 Resp: 166312
Ion Ratio Lower Upper
43 100
58 29.0 21.9 32.9

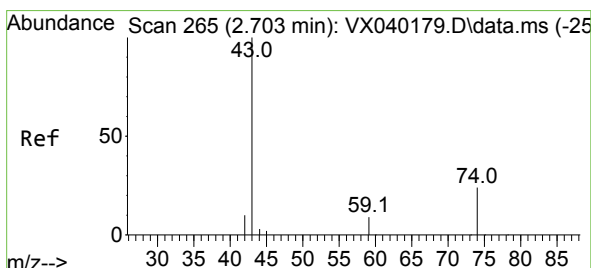
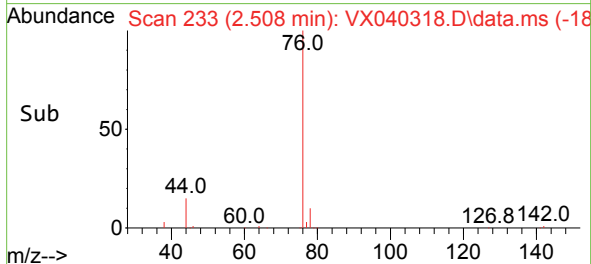
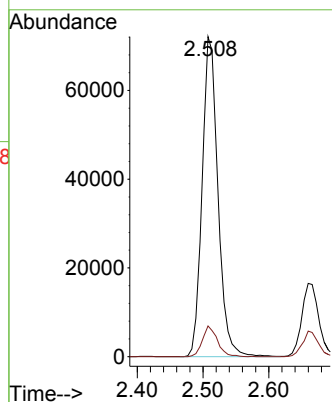
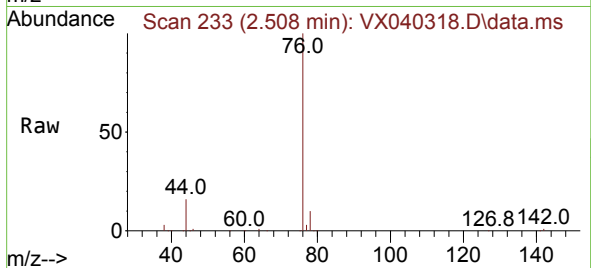




#17
Carbon Disulfide
Concen: 46.407 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

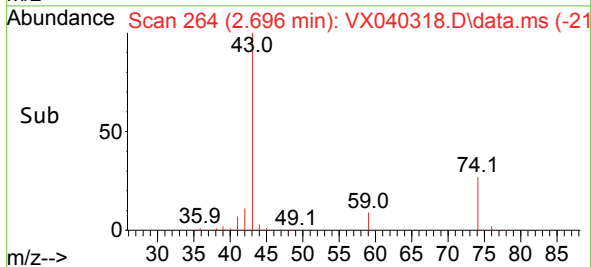
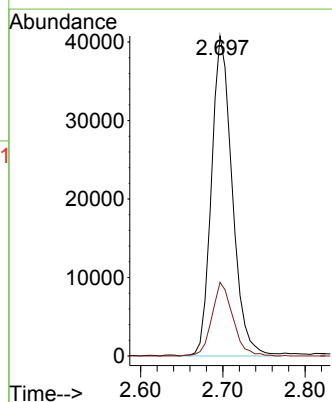
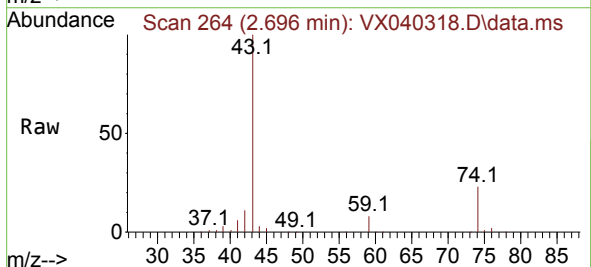
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

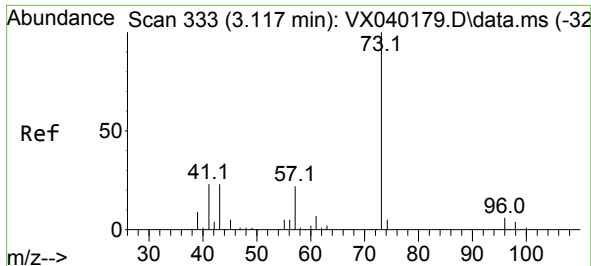
Tgt Ion: 76 Resp: 120414
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6



#18
Methyl Acetate
Concen: 45.441 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 43 Resp: 71651
Ion Ratio Lower Upper
43 100
74 23.2 17.8 26.8

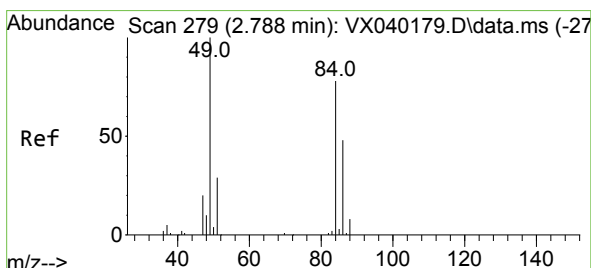
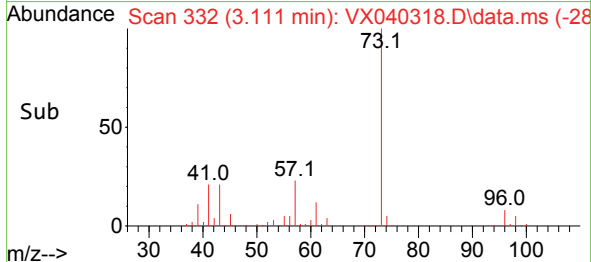
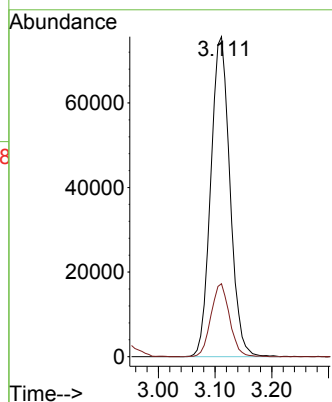
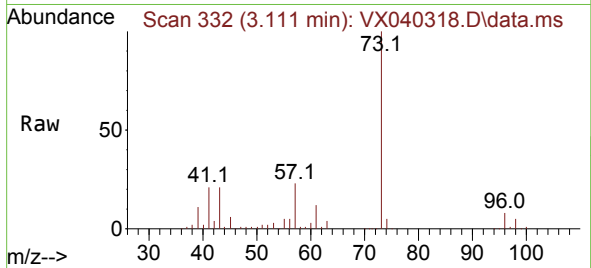




#19
Methyl tert-butyl Ether
Concen: 51.227 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

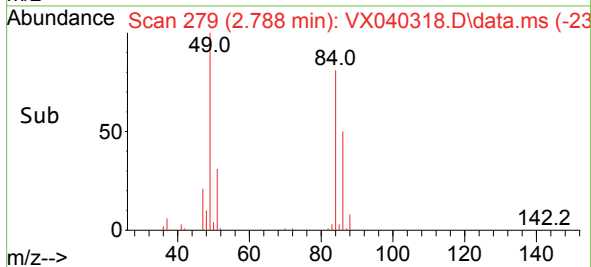
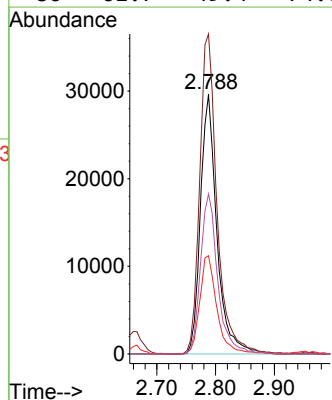
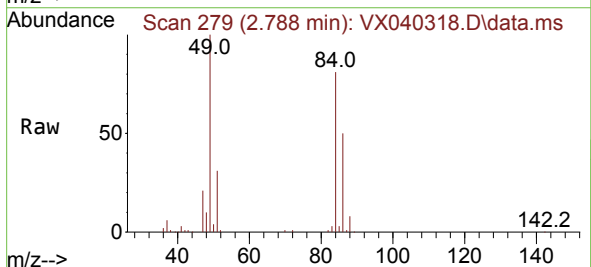
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

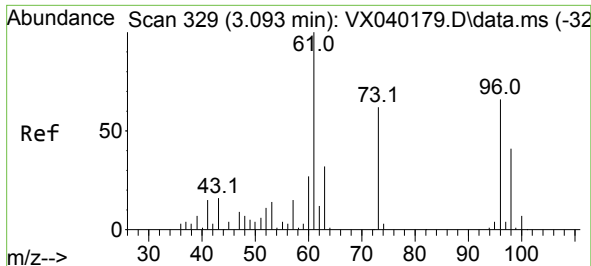
Tgt Ion: 73 Resp: 177375
Ion Ratio Lower Upper
73 100
57 22.8 17.3 25.9



#20
Methylene Chloride
Concen: 52.448 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 84 Resp: 57747
Ion Ratio Lower Upper
84 100
49 123.3 103.6 155.4
51 37.8 33.8 50.6
86 61.7 49.4 74.0

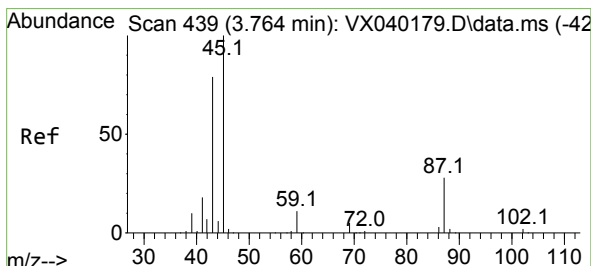
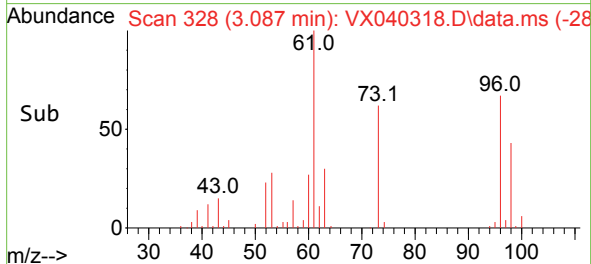
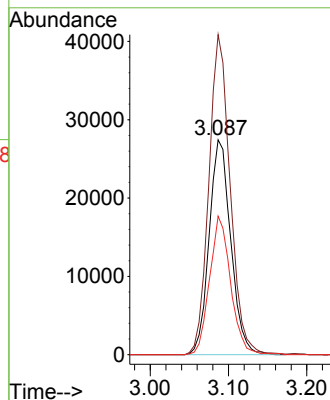
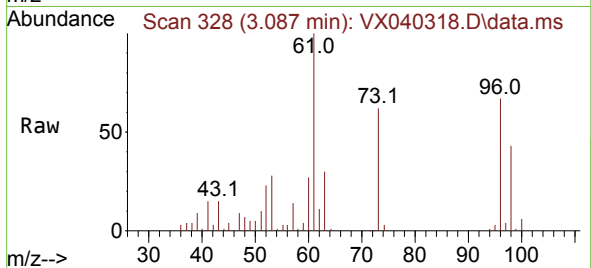




#21
trans-1,2-Dichloroethene
Concen: 47.058 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

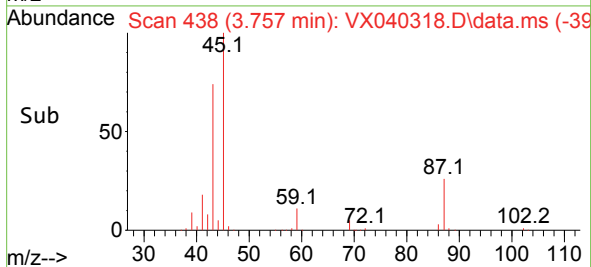
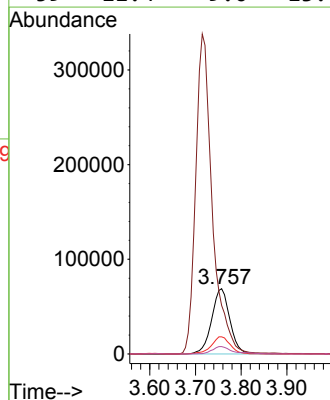
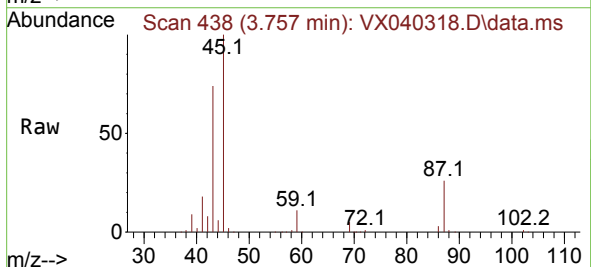
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

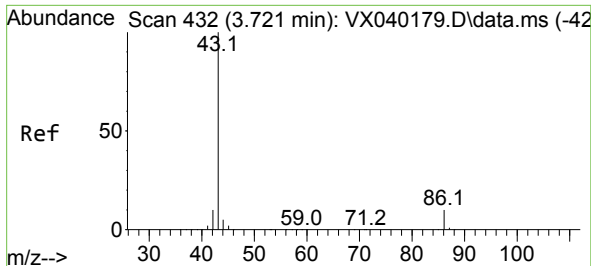
Tgt Ion: 96 Resp: 52674
Ion Ratio Lower Upper
96 100
61 148.9 119.2 178.8
98 64.5 48.7 73.1



#22
Diisopropyl ether
Concen: 55.087 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 45 Resp: 190548
Ion Ratio Lower Upper
45 100
43 73.8 69.7 104.5
87 26.4 20.8 31.2
59 11.4 9.0 13.4

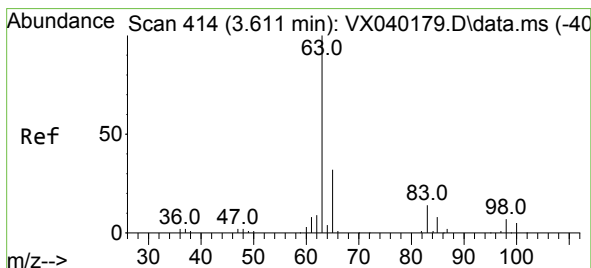
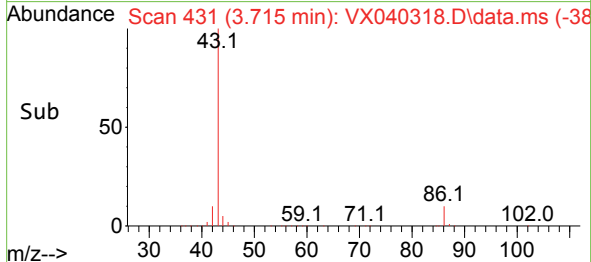
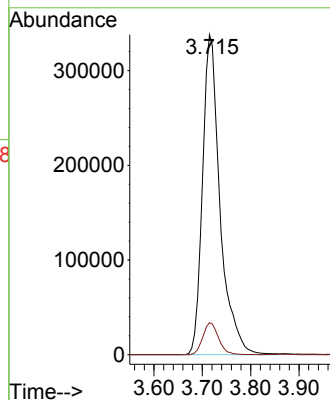
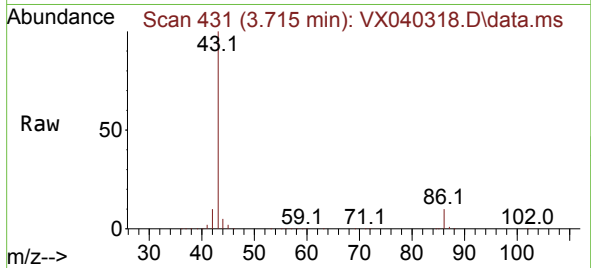




#23
 Vinyl Acetate
 Concen: 276.357 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX040318.D
 Acq: 19 Feb 2024 10:08

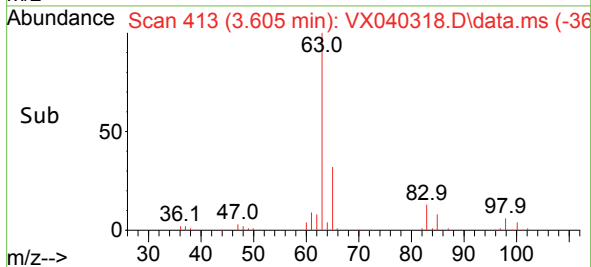
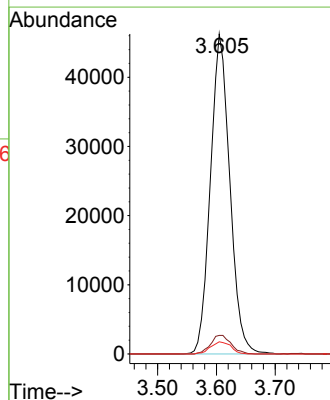
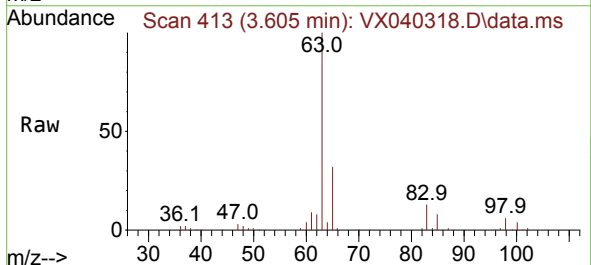
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

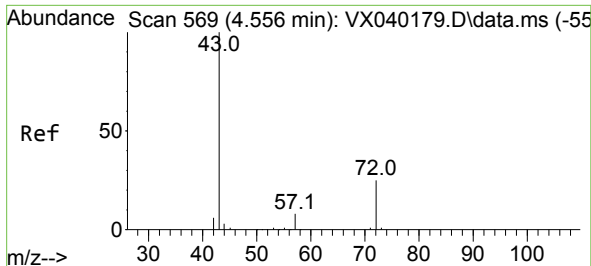
Tgt Ion: 43 Resp: 852176
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 52.716 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX040318.D
 Acq: 19 Feb 2024 10:08

Tgt Ion: 63 Resp: 106218
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.8
 100 3.8 2.1 6.5





#25

2-Butanone

Concen: 259.265 ug/l

RT: 4.544 min Scan# 5

Delta R.T. -0.012 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

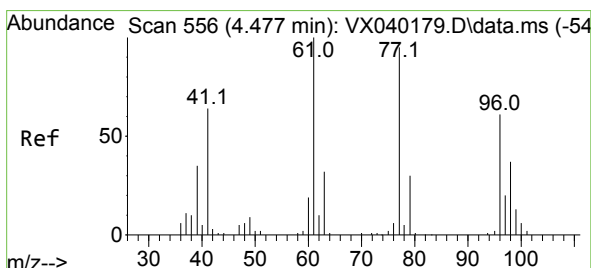
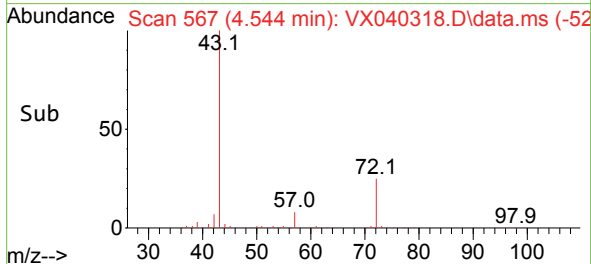
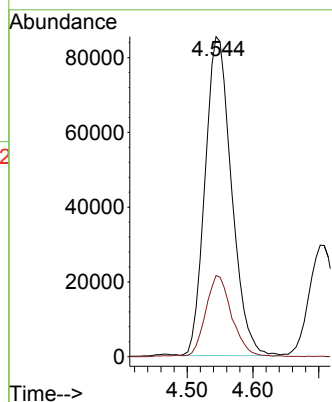
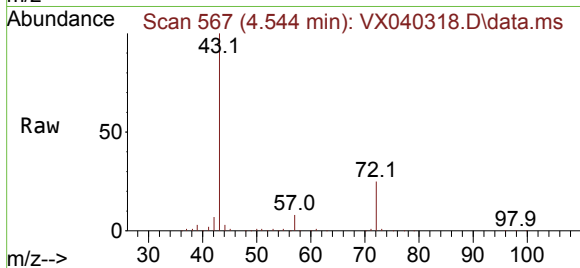
VSTDCCC050

Tgt Ion: 43 Resp: 238374

Ion Ratio Lower Upper

43 100

72 25.1 19.4 29.2



#26

2,2-Dichloropropane

Concen: 52.725 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.000 min

Lab File: VX040318.D

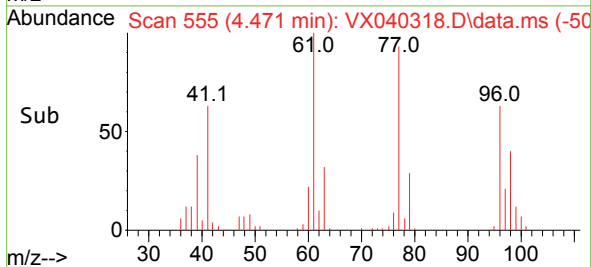
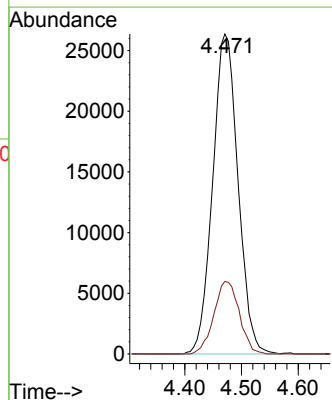
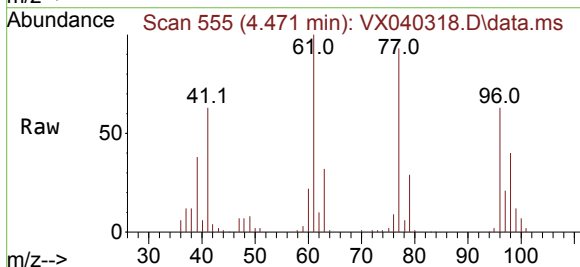
Acq: 19 Feb 2024 10:08

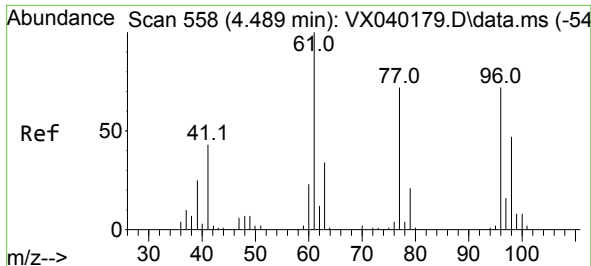
Tgt Ion: 77 Resp: 81780

Ion Ratio Lower Upper

77 100

97 22.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.132 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

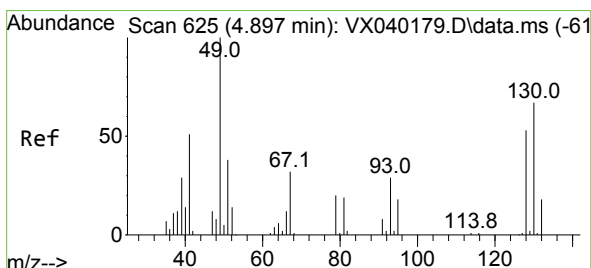
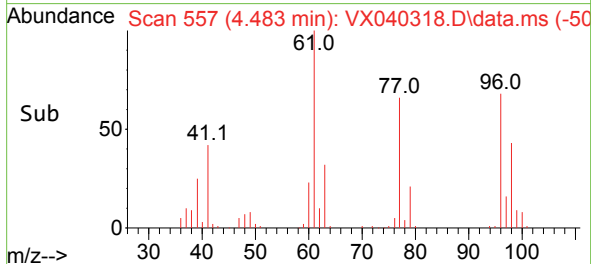
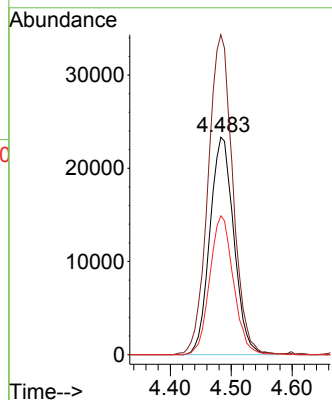
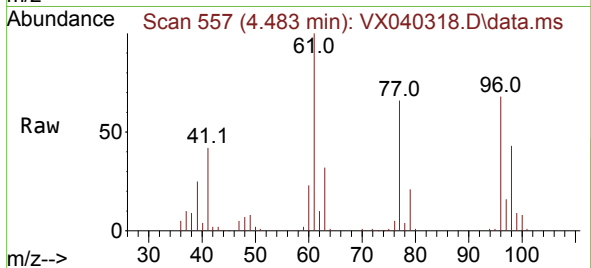
Tgt Ion: 96 Resp: 64015

Ion Ratio Lower Upper

96 100

61 151.5 0.0 312.2

98 62.9 0.0 129.0



#28

Bromochloromethane

Concen: 56.914 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

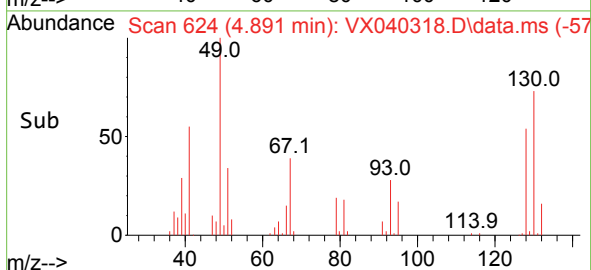
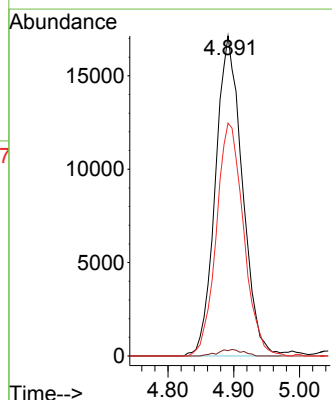
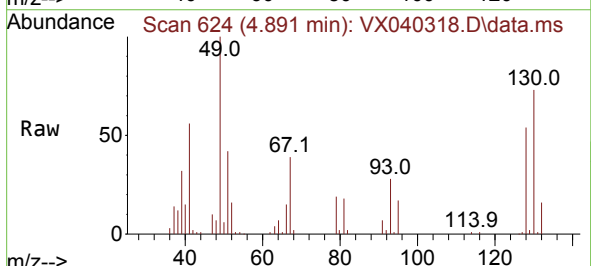
Tgt Ion: 49 Resp: 48688

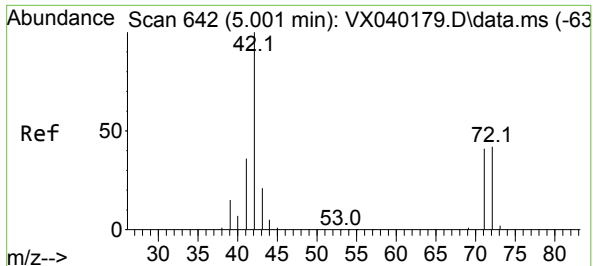
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 74.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 249.184 ug/l

RT: 4.989 min Scan# 64

Delta R.T. -0.018 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

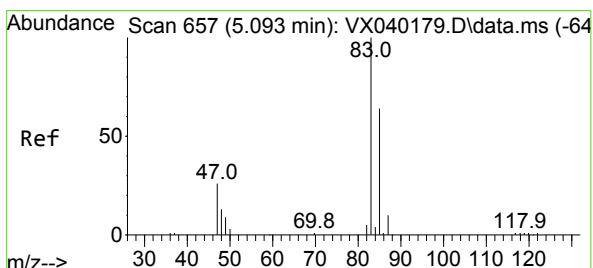
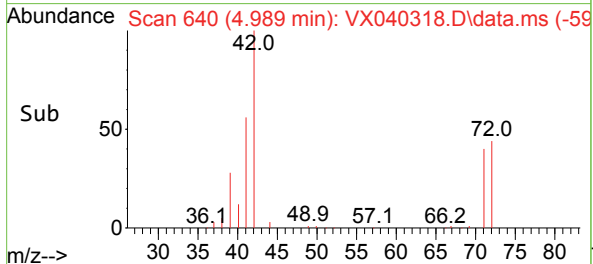
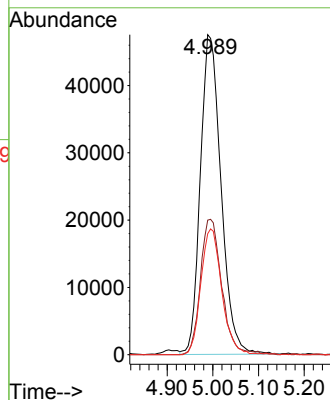
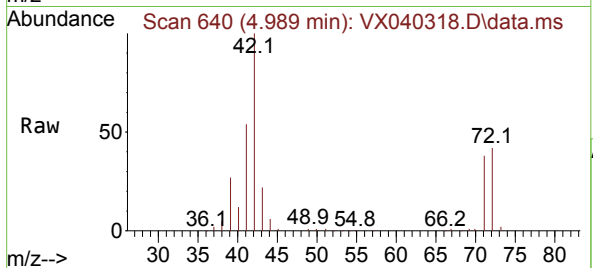
Tgt Ion: 42 Resp: 149261

Ion Ratio Lower Upper

42 100

72 43.5 34.2 51.4

71 39.9 32.2 48.2



#30

Chloroform

Concen: 50.990 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX040318.D

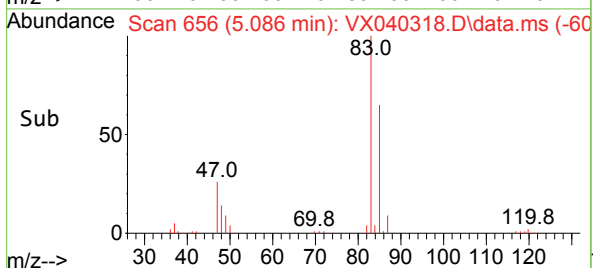
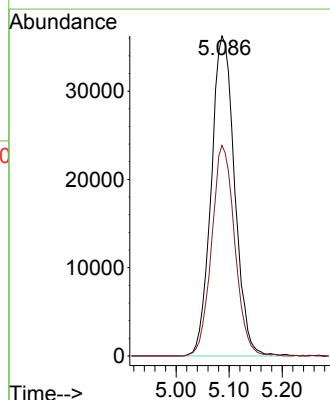
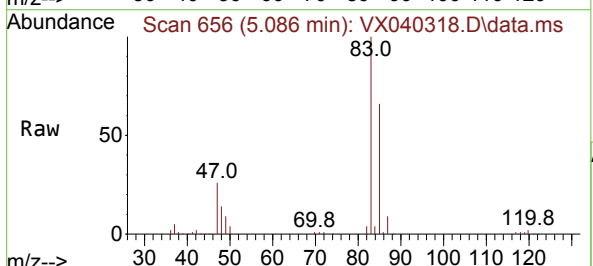
Acq: 19 Feb 2024 10:08

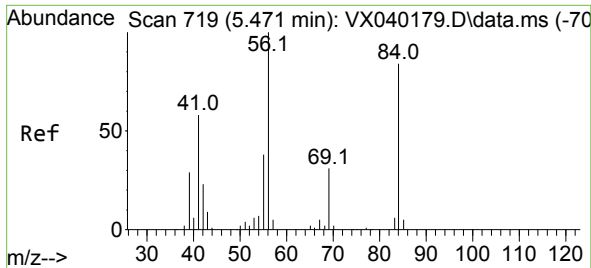
Tgt Ion: 83 Resp: 111082

Ion Ratio Lower Upper

83 100

85 65.8 50.3 75.5

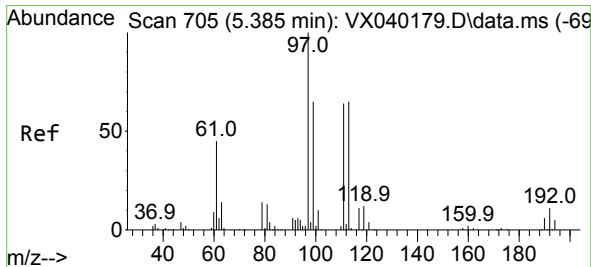
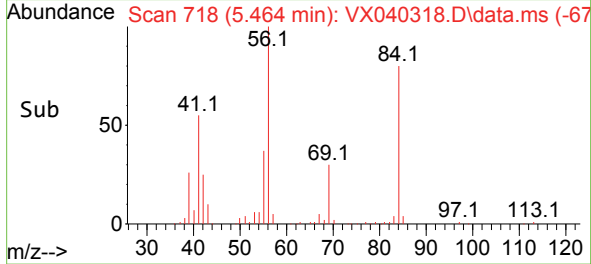
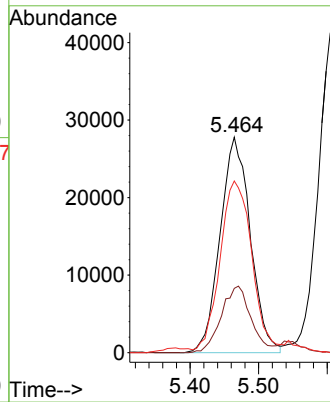
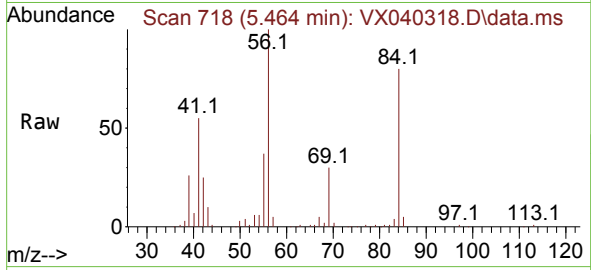




#31
Cyclohexane
Concen: 49.845 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

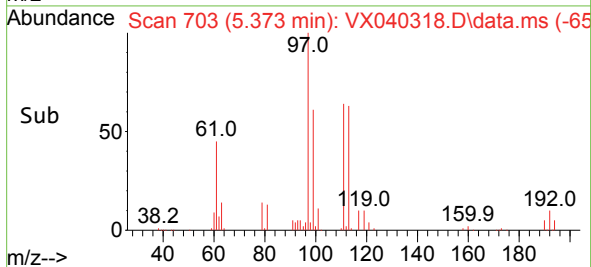
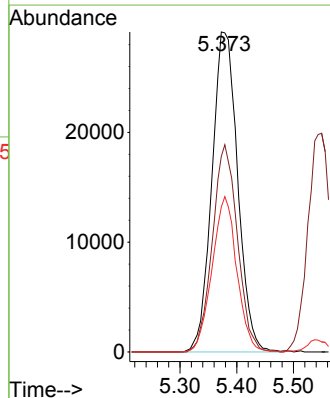
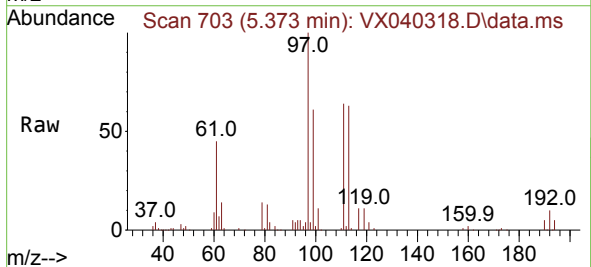
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

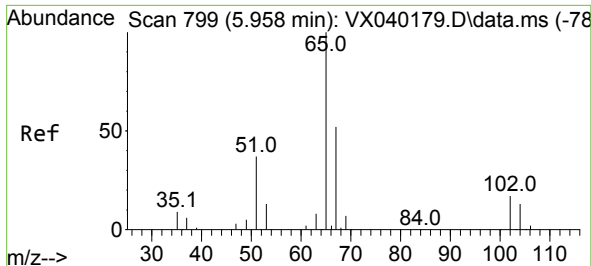
Tgt Ion: 56 Resp: 85146
Ion Ratio Lower Upper
56 100
69 29.9 23.4 35.2
84 77.9 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 50.184 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 97 Resp: 91972
Ion Ratio Lower Upper
97 100
99 62.9 51.1 76.7
61 46.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.858 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

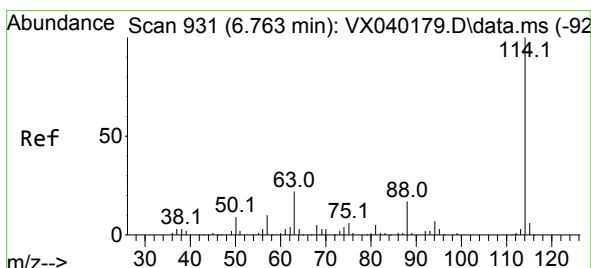
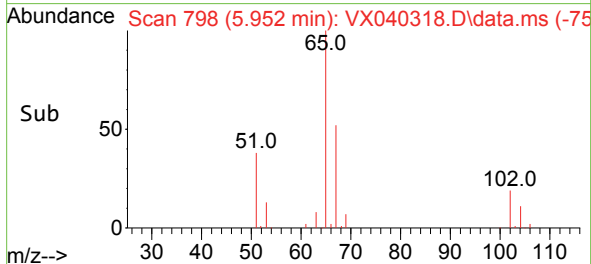
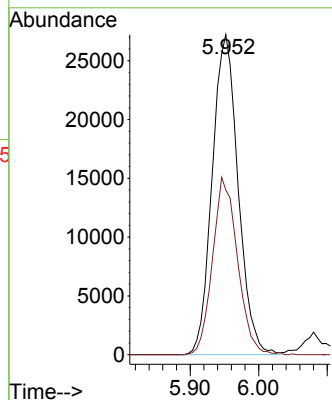
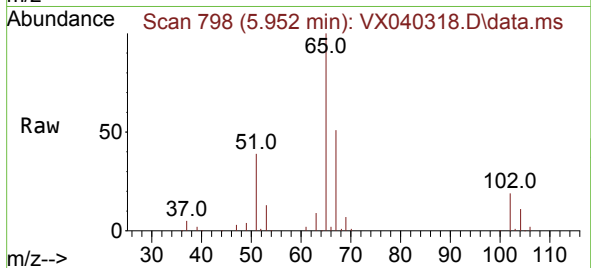
VSTDCCC050

Tgt Ion: 65 Resp: 71404

Ion Ratio Lower Upper

65 100

67 53.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

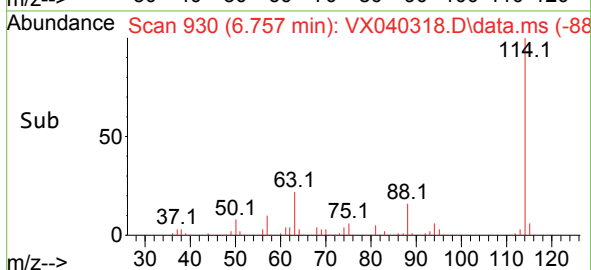
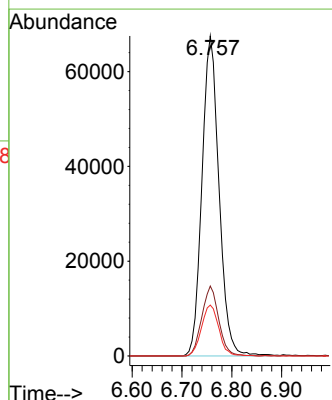
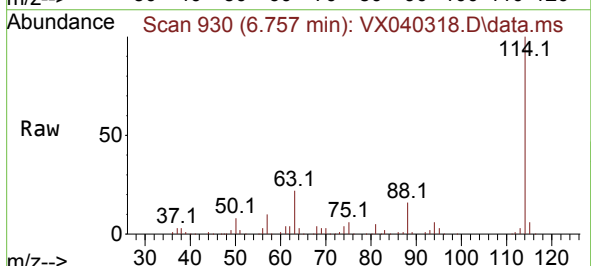
Tgt Ion: 114 Resp: 160322

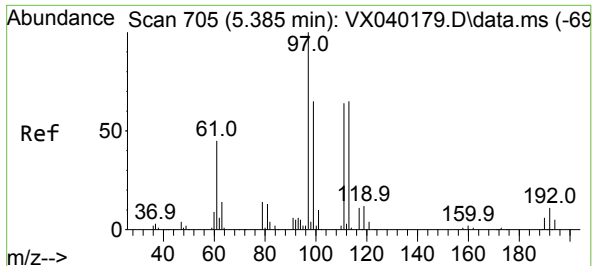
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.0

88 15.9 0.0 36.6

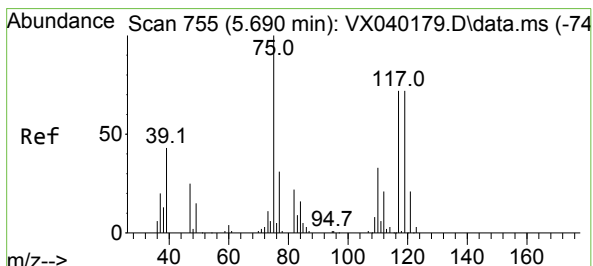
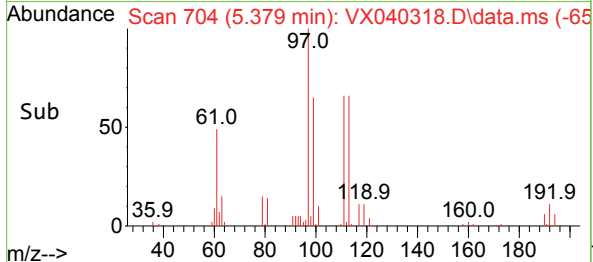
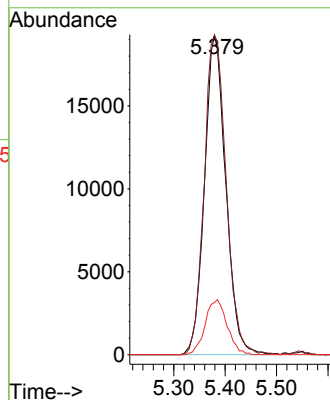
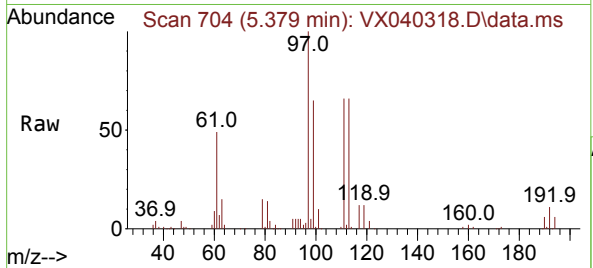




#35
Dibromofluoromethane
Concen: 49.435 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

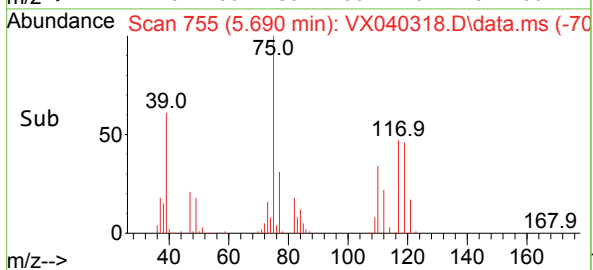
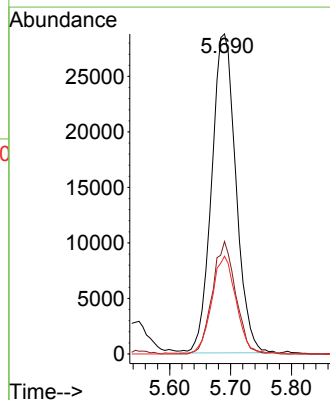
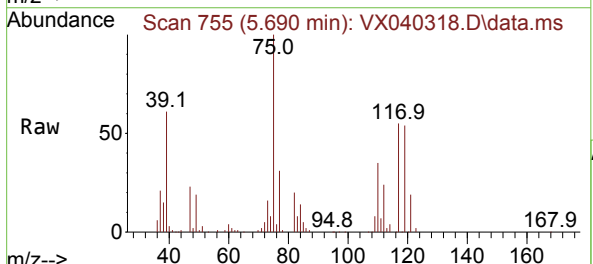
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

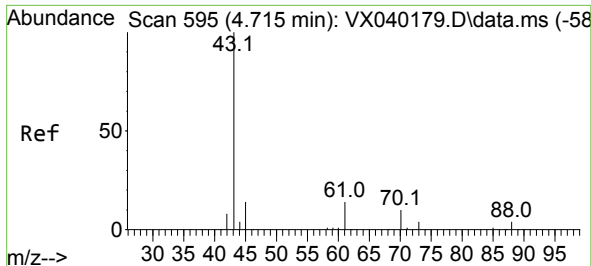
Tgt Ion:113 Resp: 55347
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 17.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 50.652 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 75 Resp: 79441
Ion Ratio Lower Upper
75 100
110 33.8 17.0 50.9
77 30.2 24.7 37.1





#37

Ethyl Acetate

Concen: 49.633 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.018 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

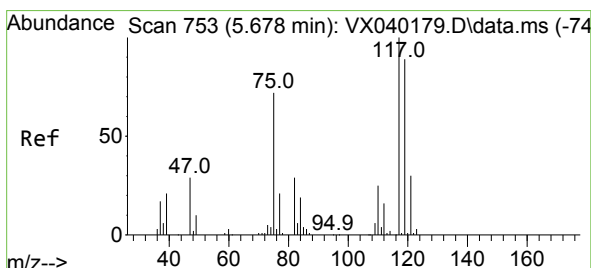
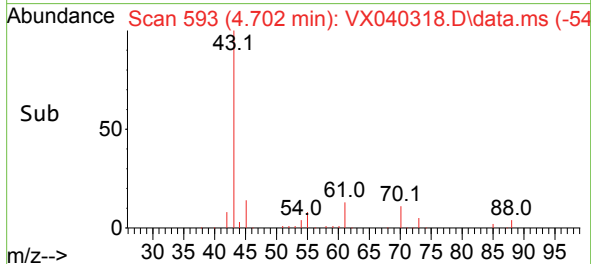
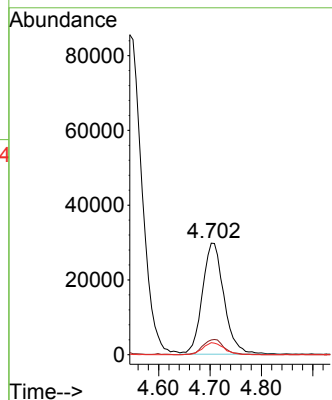
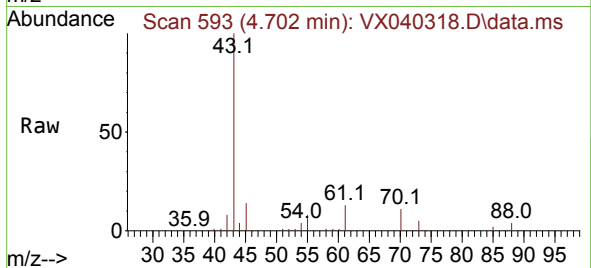
Tgt Ion: 43 Resp: 86616

Ion Ratio Lower Upper

43 100

61 13.6 10.6 16.0

70 10.5 8.3 12.5



#38

Carbon Tetrachloride

Concen: 49.043 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

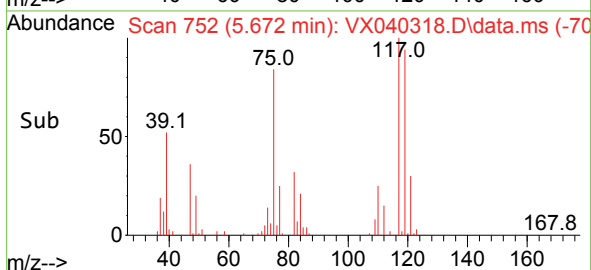
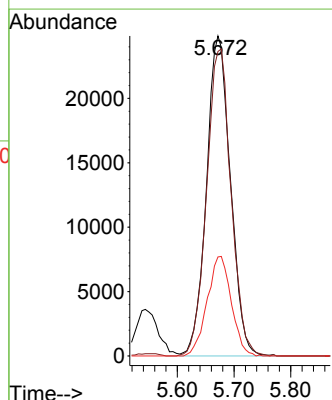
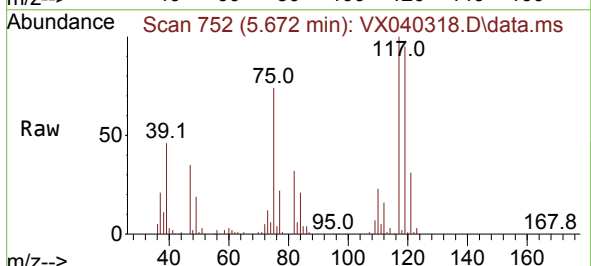
Tgt Ion: 117 Resp: 73134

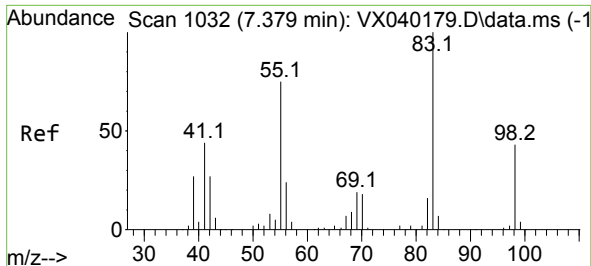
Ion Ratio Lower Upper

117 100

119 95.1 78.2 117.2

121 30.9 24.4 36.6

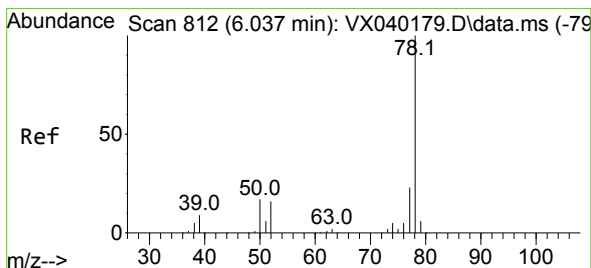
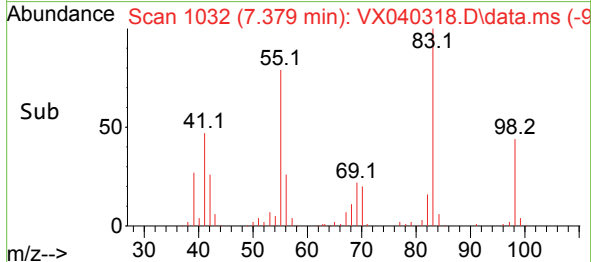
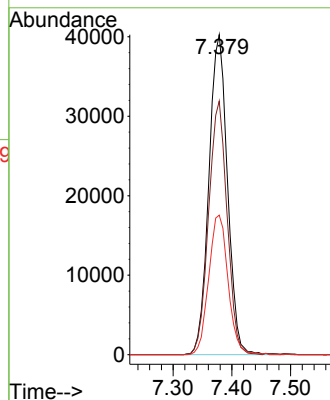
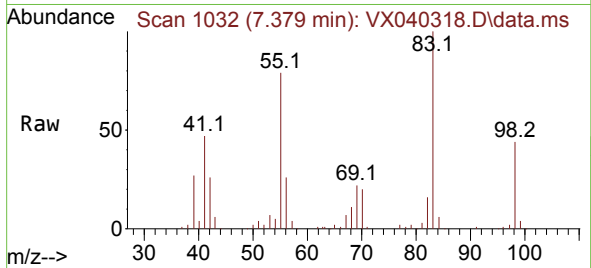




#39
Methylcyclohexane
Concen: 48.565 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

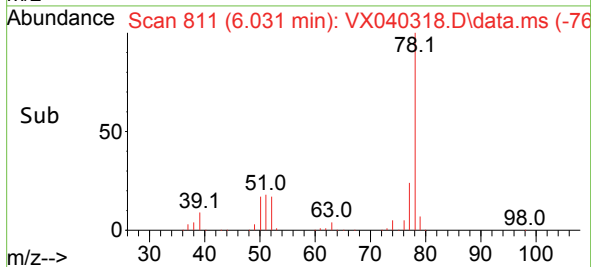
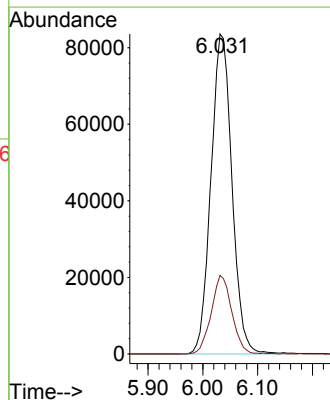
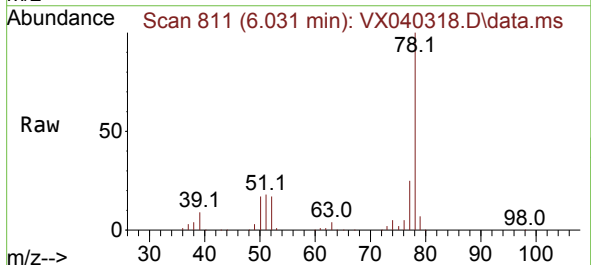
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

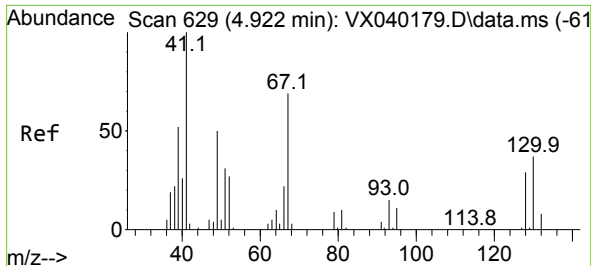
Tgt Ion: 83	Resp: 88517
Ion Ratio	Lower Upper
83 100	
55 79.2	64.6 97.0
98 43.6	36.7 55.1



#40
Benzene
Concen: 50.675 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 78	Resp: 222256
Ion Ratio	Lower Upper
78 100	
77 24.5	19.3 28.9

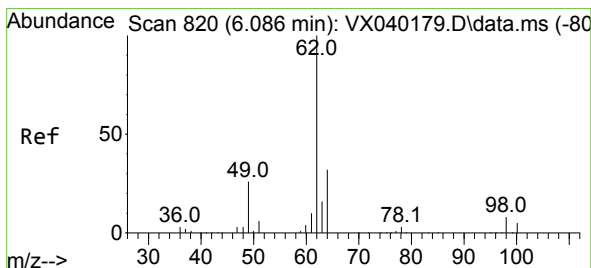
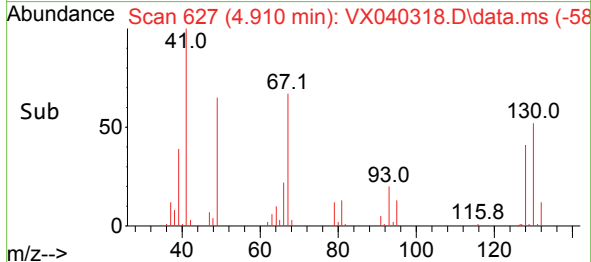
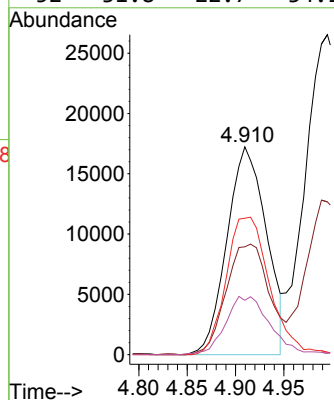
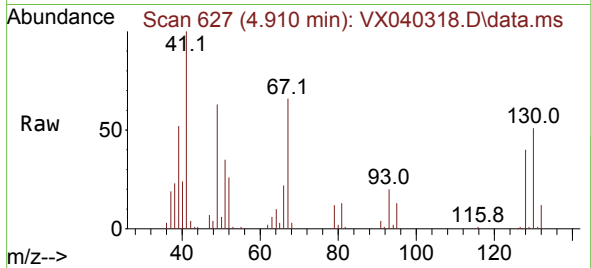




#41
Methacrylonitrile
Concen: 52.781 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

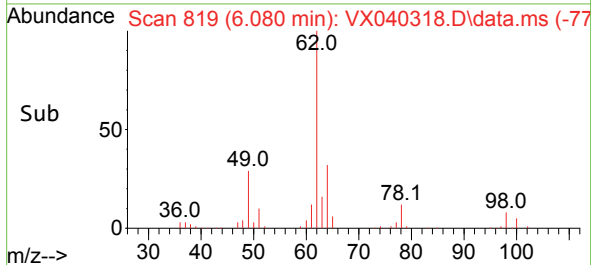
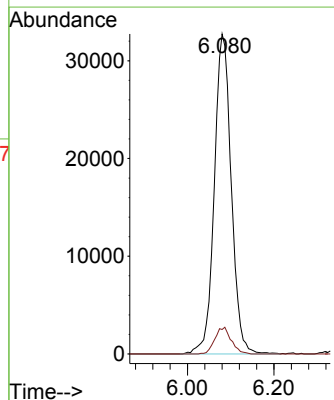
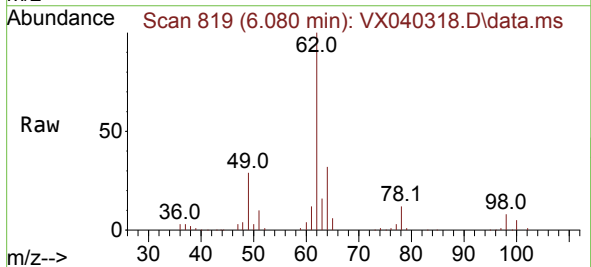
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

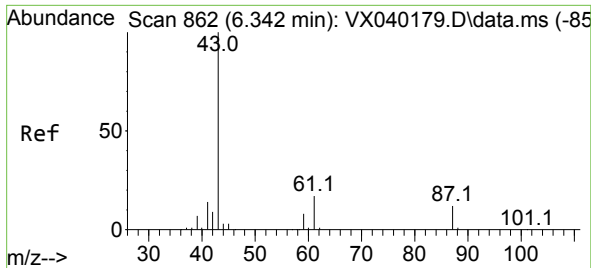
Tgt Ion: 41	Resp: 48829
Ion Ratio	Lower Upper
41 100	
39 59.1	45.2 67.8
67 73.2	52.6 78.8
52 31.8	22.7 34.1



#42
1,2-Dichloroethane
Concen: 51.977 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 62	Resp: 89105
Ion Ratio	Lower Upper
62 100	
98 8.0	0.0 16.0

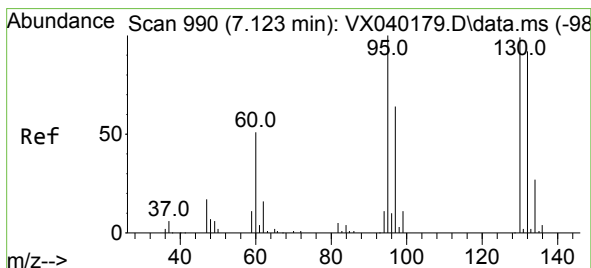
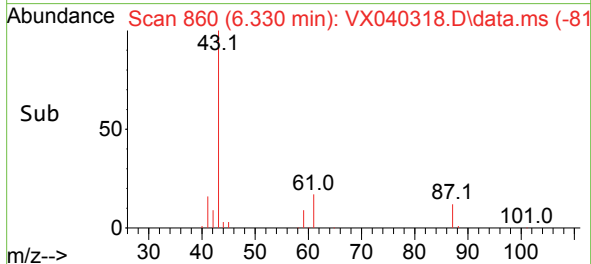
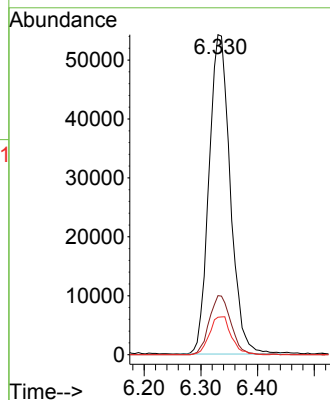
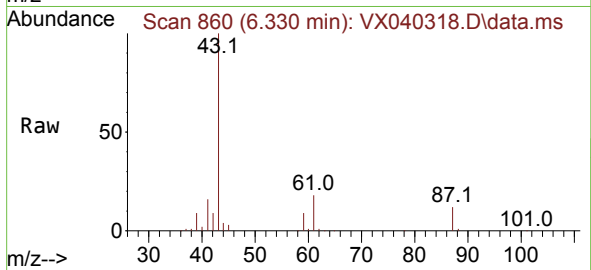




#43
Isopropyl Acetate
Concen: 51.844 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

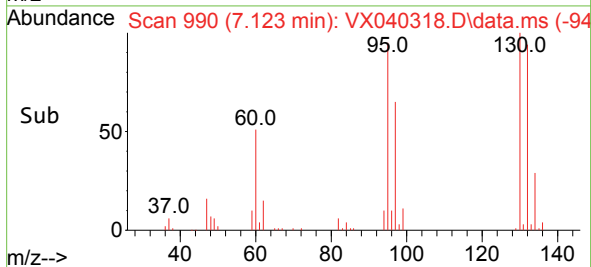
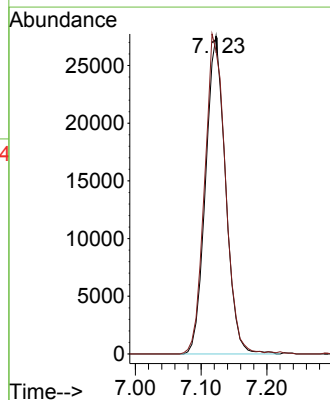
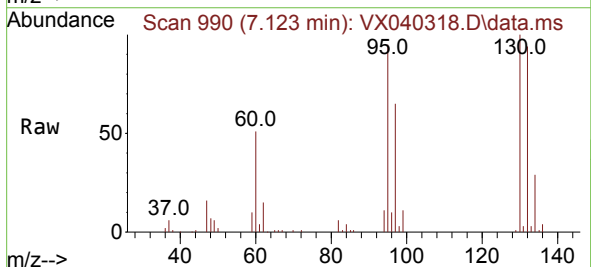
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

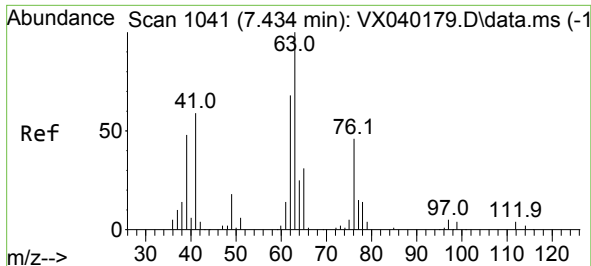
Tgt Ion: 43 Resp: 141235
Ion Ratio Lower Upper
43 100
61 18.8 15.2 22.8
87 12.1 9.8 14.6



#44
Trichloroethene
Concen: 48.078 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion:130 Resp: 58165
Ion Ratio Lower Upper
130 100
95 95.3 0.0 204.4

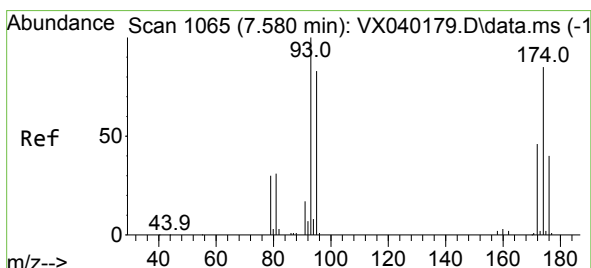
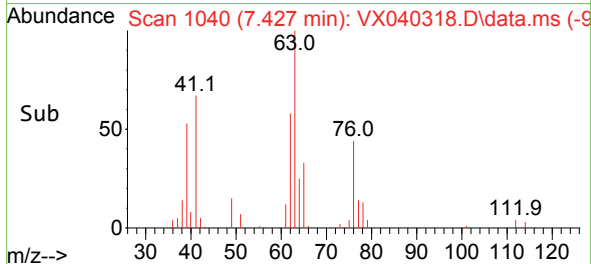
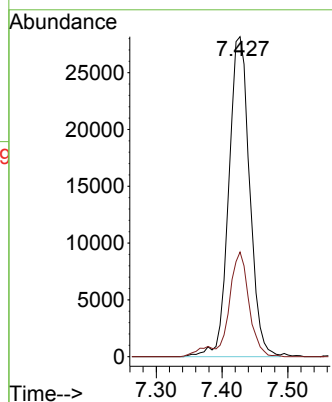
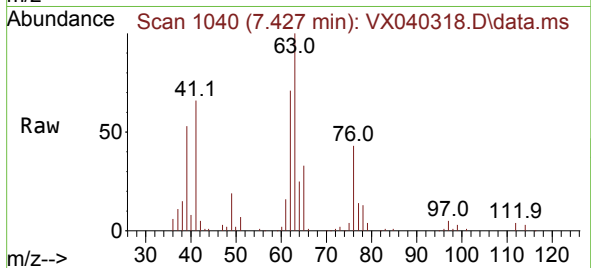




#45
1,2-Dichloropropane
Concen: 54.389 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

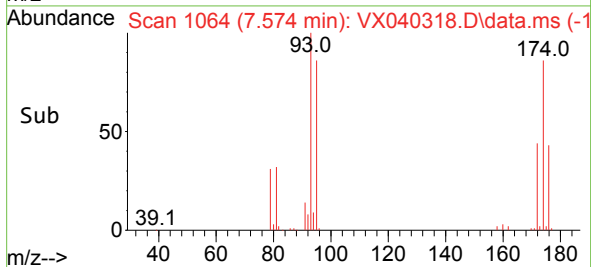
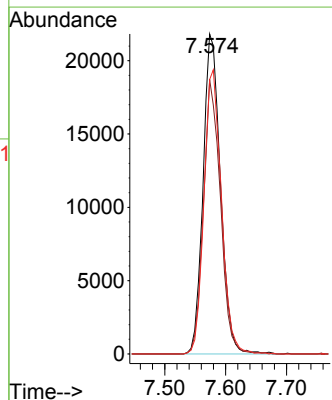
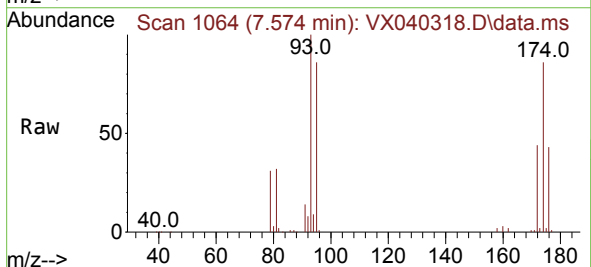
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

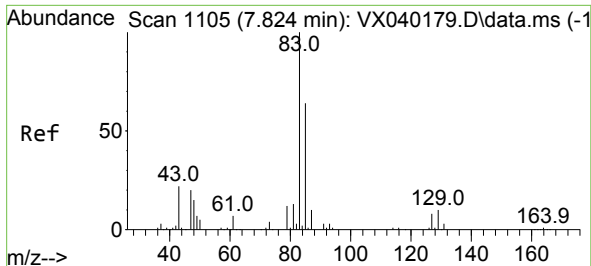
Tgt Ion: 63 Resp: 62089
Ion Ratio Lower Upper
63 100
65 32.7 24.3 36.5



#46
Dibromomethane
Concen: 51.565 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.012 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 93 Resp: 43353
Ion Ratio Lower Upper
93 100
95 83.7 66.6 100.0
174 89.2 69.4 104.0





#47

Bromodichloromethane

Concen: 52.877 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

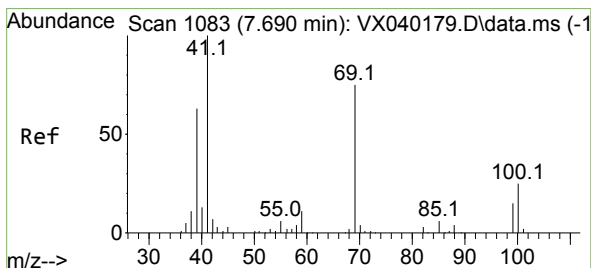
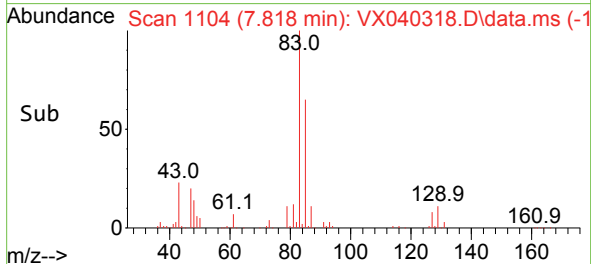
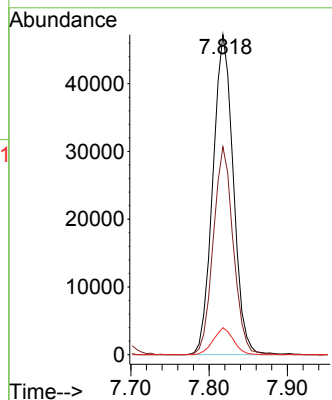
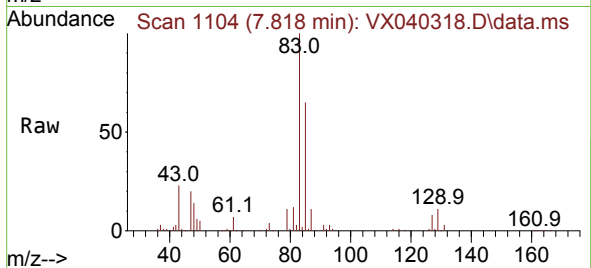
Tgt Ion: 83 Resp: 85660

Ion Ratio Lower Upper

83 100

85 65.0 49.8 74.6

127 8.4 7.1 10.7



#48

Methyl methacrylate

Concen: 50.556 ug/l

RT: 7.689 min Scan# 1083

Delta R.T. -0.006 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

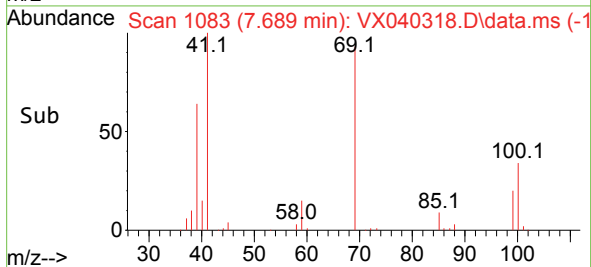
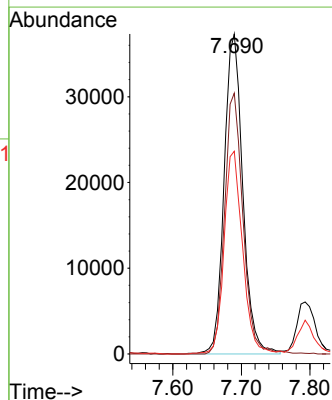
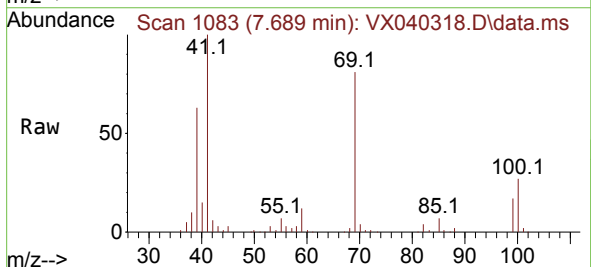
Tgt Ion: 41 Resp: 70472

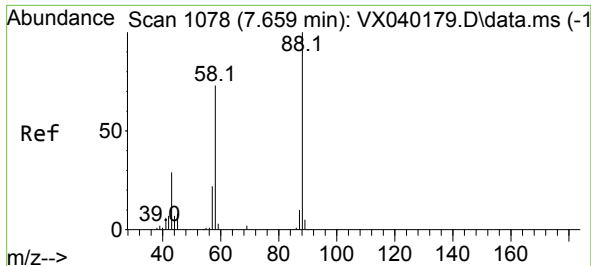
Ion Ratio Lower Upper

41 100

69 80.3 59.2 88.8

39 62.8 47.7 71.5





#49

1,4-Dioxane

Concen: 844.396 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

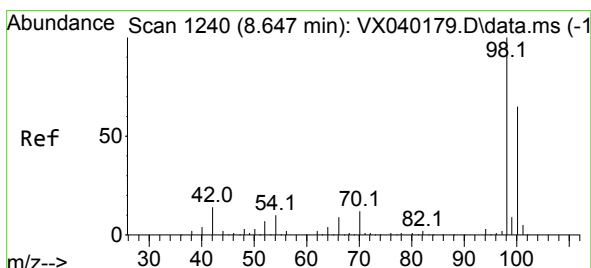
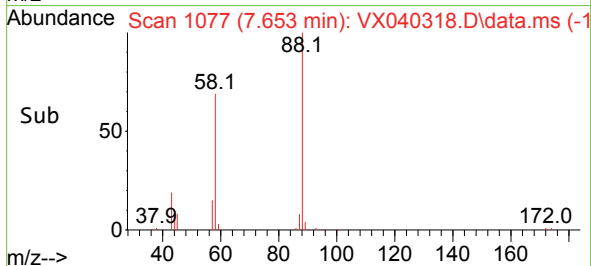
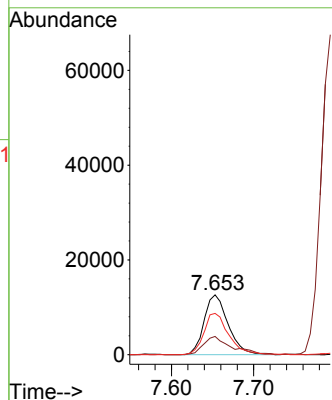
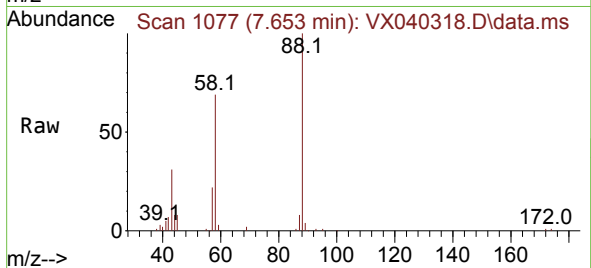
Tgt Ion: 88 Resp: 25606

Ion Ratio Lower Upper

88 100

43 35.1 0.0 0.0#

58 71.6 60.1 90.1



#50

Toluene-d8

Concen: 48.258 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX040318.D

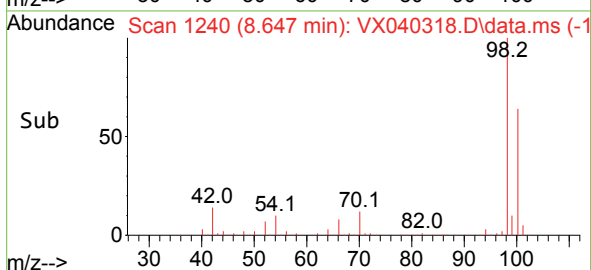
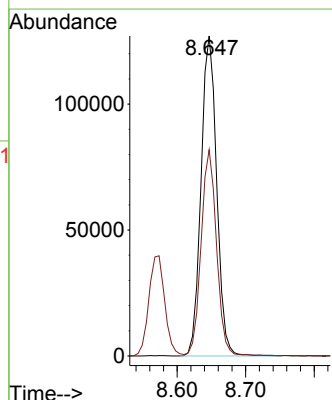
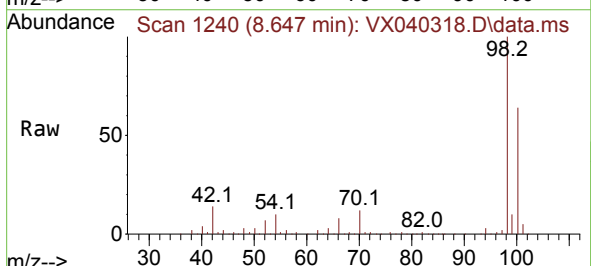
Acq: 19 Feb 2024 10:08

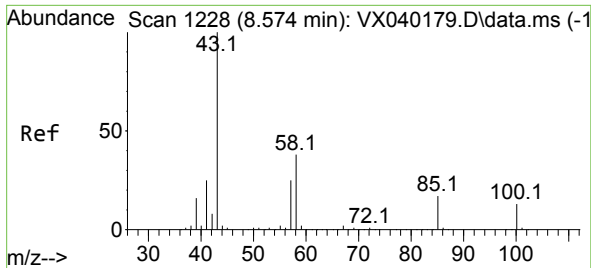
Tgt Ion: 98 Resp: 202109

Ion Ratio Lower Upper

98 100

100 63.3 53.1 79.7

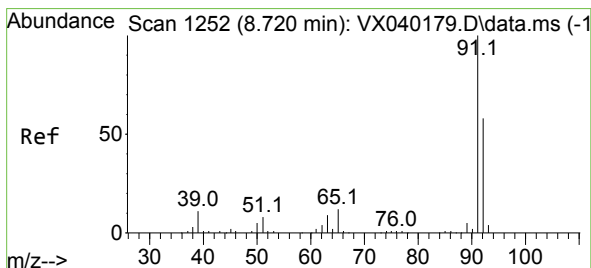
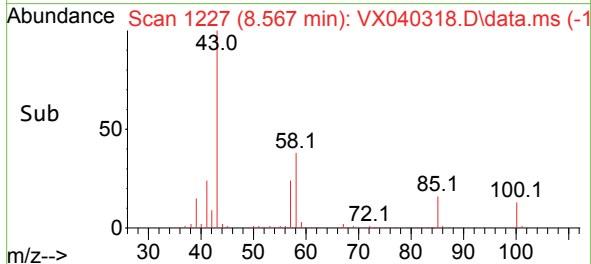
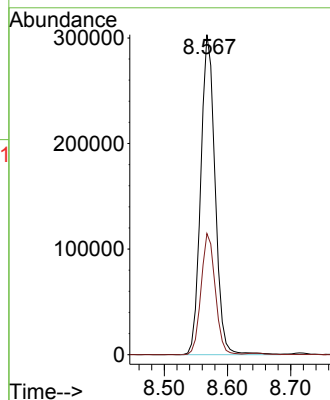
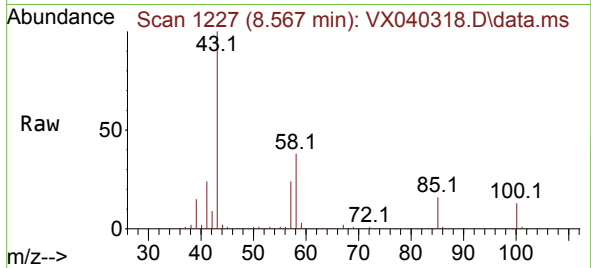




#51
4-Methyl-2-Pentanone
Concen: 258.044 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

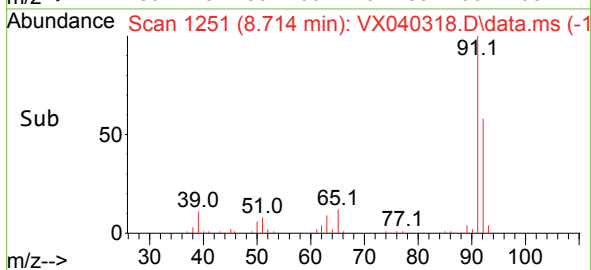
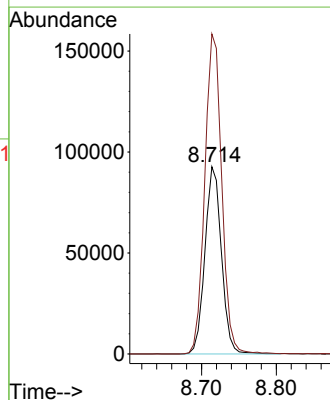
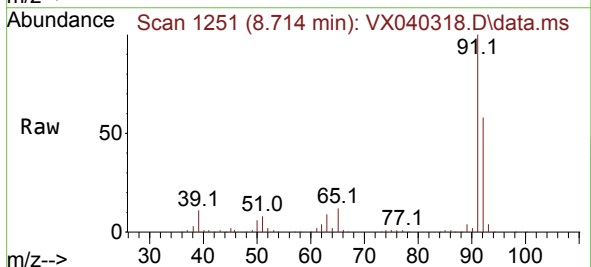
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

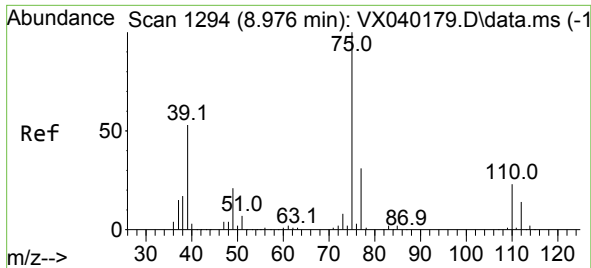
Tgt Ion: 43 Resp: 479947
Ion Ratio Lower Upper
43 100
58 37.4 30.4 45.6



#52
Toluene
Concen: 49.482 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 92 Resp: 142154
Ion Ratio Lower Upper
92 100
91 175.4 134.2 201.2

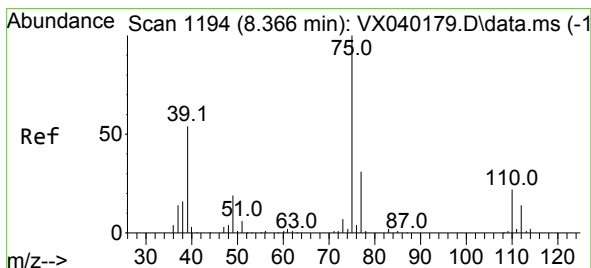
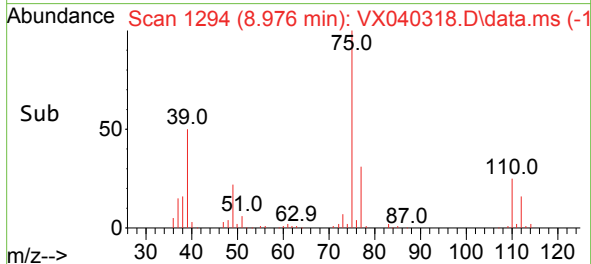
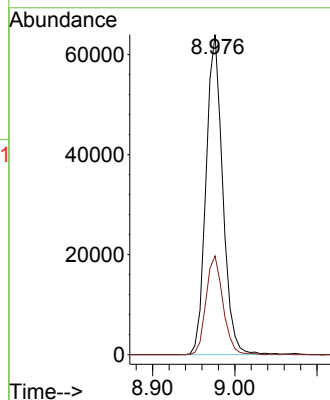
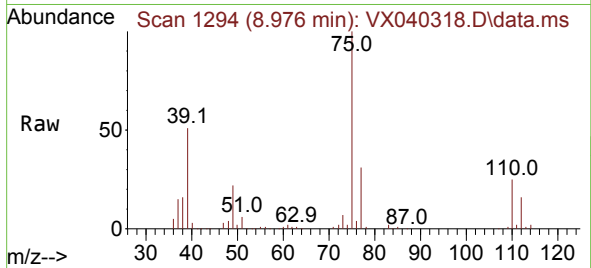




#53
t-1,3-Dichloropropene
Concen: 46.881 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

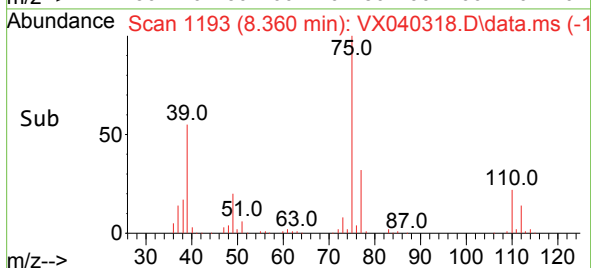
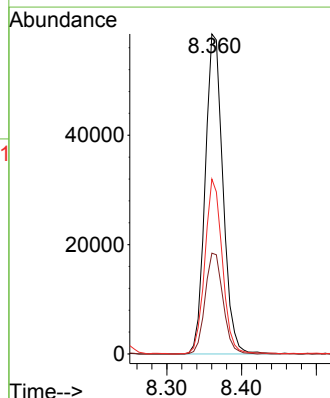
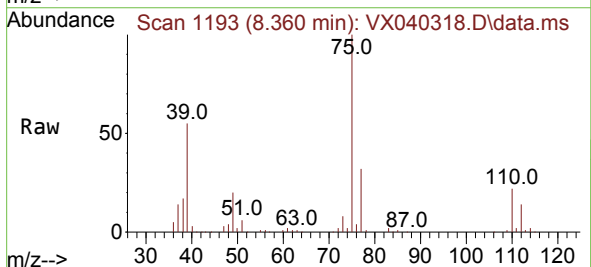
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

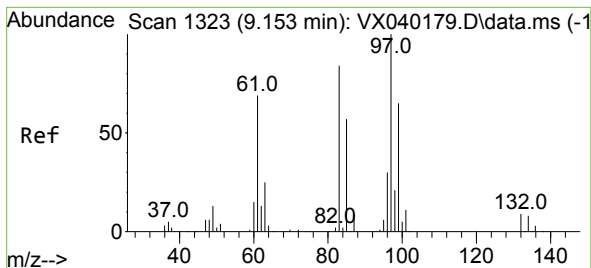
Tgt Ion: 75 Resp: 90218
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 53.185 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 75 Resp: 96561
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 54.6 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 51.048 ug/l

RT: 9.147 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 62549

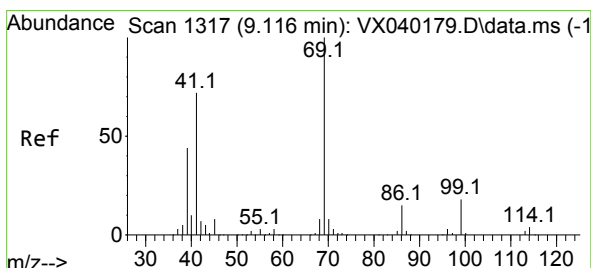
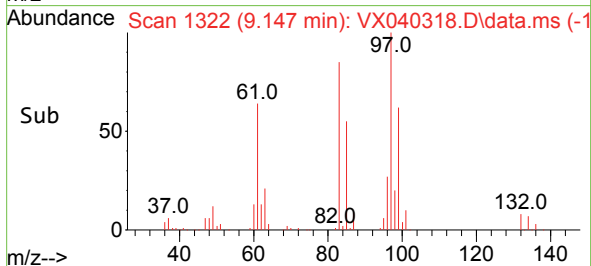
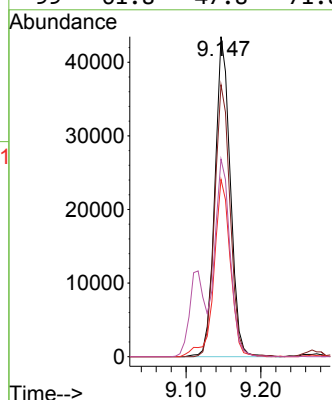
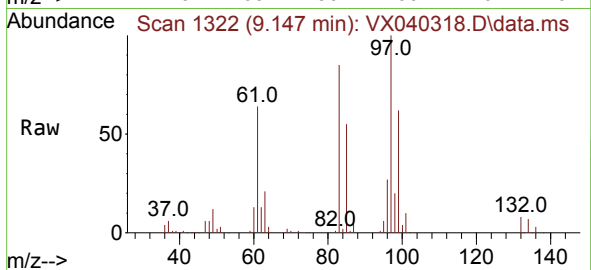
Ion Ratio Lower Upper

97 100

83 85.0 65.8 98.8

85 55.4 41.6 62.4

99 61.8 47.8 71.8



#56

Ethyl methacrylate

Concen: 51.238 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

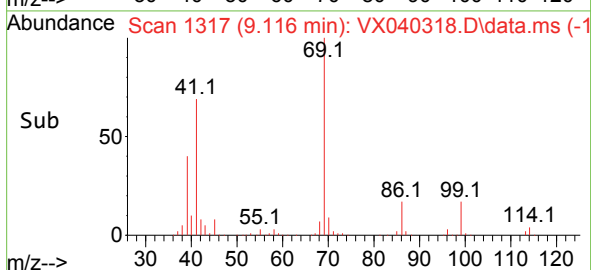
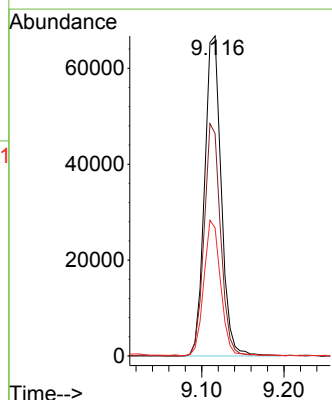
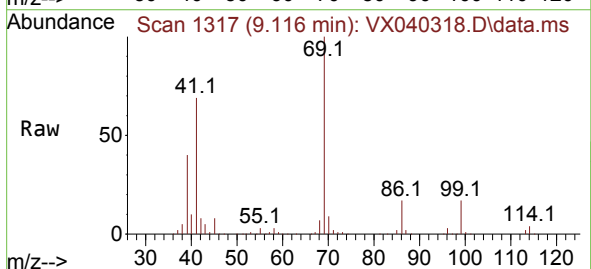
Tgt Ion: 69 Resp: 93986

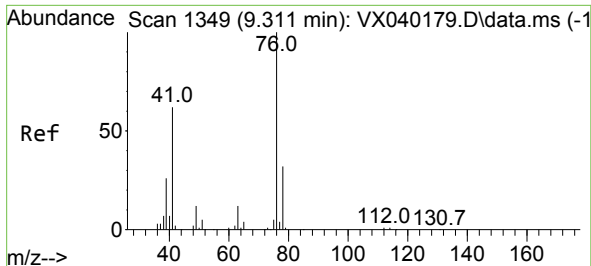
Ion Ratio Lower Upper

69 100

41 72.1 56.8 85.2

39 43.2 32.0 48.0

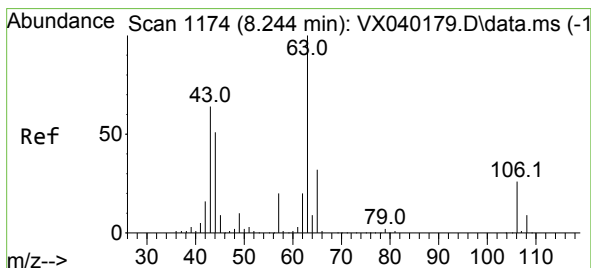
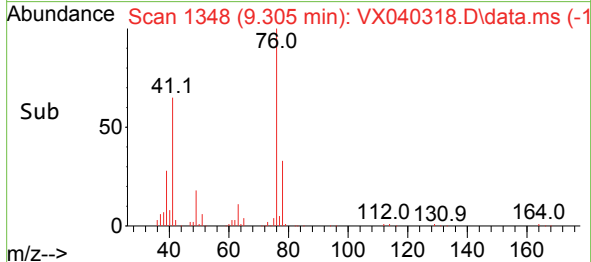
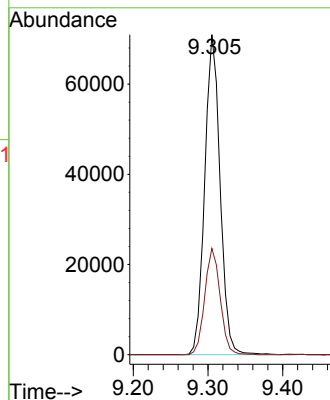
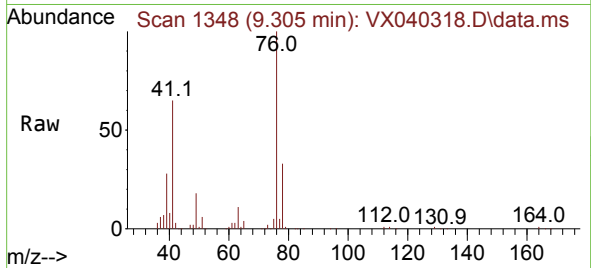




#57
1,3-Dichloropropane
Concen: 50.660 ug/l
RT: 9.305 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

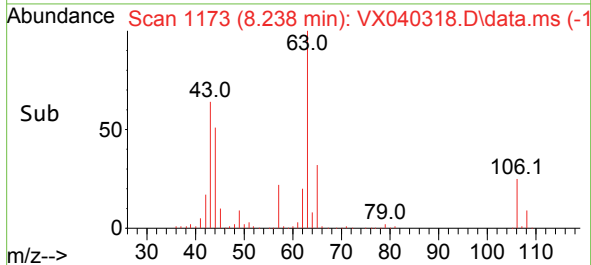
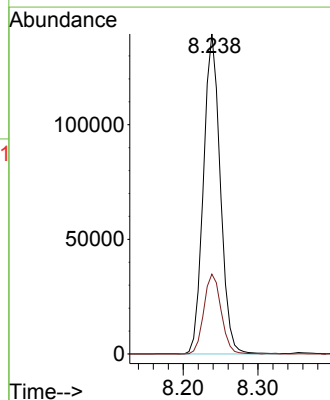
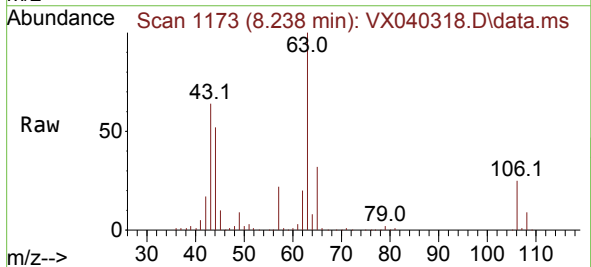
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

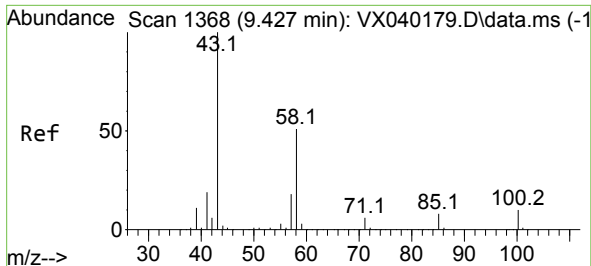
Tgt Ion: 76 Resp: 101318
Ion Ratio Lower Upper
76 100
78 33.3 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 251.779 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 63 Resp: 218479
Ion Ratio Lower Upper
63 100
106 25.6 22.5 33.7

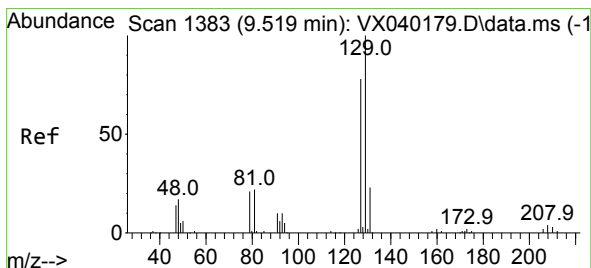
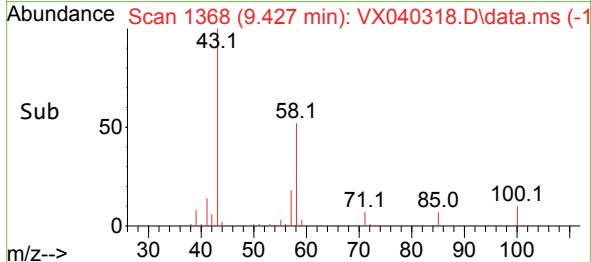
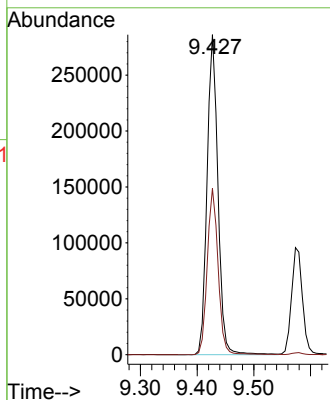
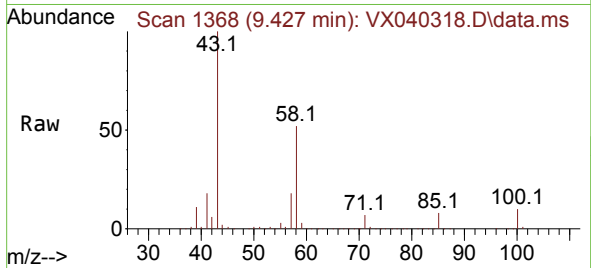




#59
2-Hexanone
Concen: 257.719 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

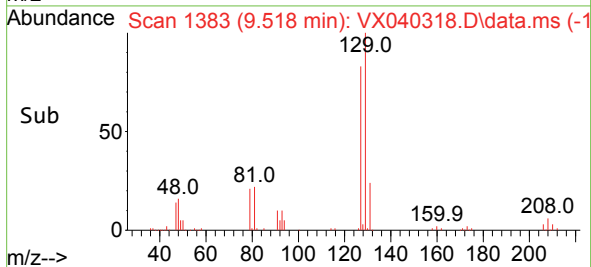
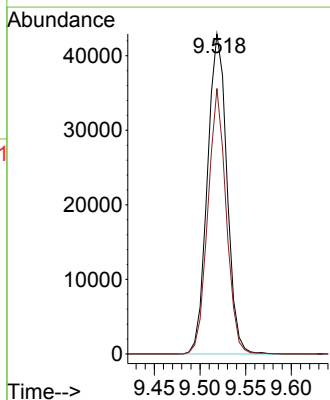
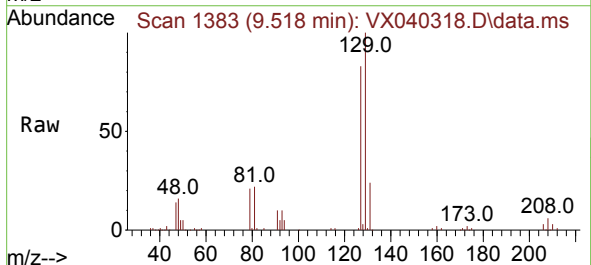
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

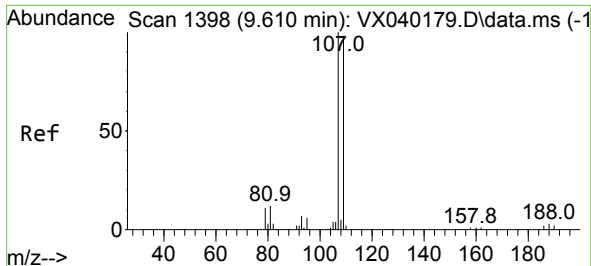
Tgt Ion: 43 Resp: 380047
Ion Ratio Lower Upper
43 100
58 52.0 26.2 78.5



#60
Dibromochloromethane
Concen: 51.018 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion:129 Resp: 63688
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4

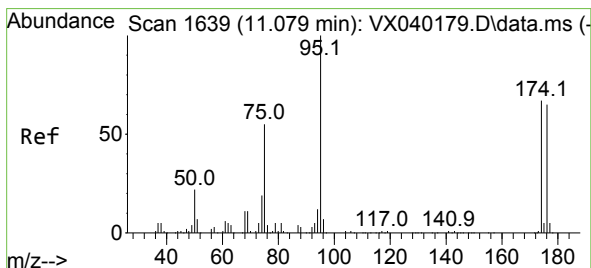
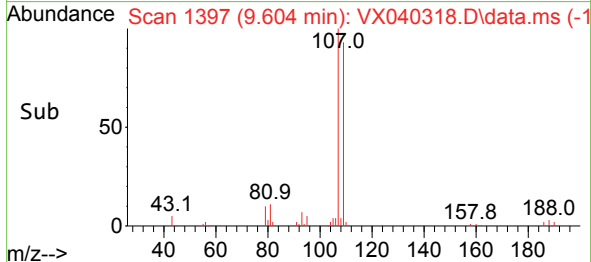
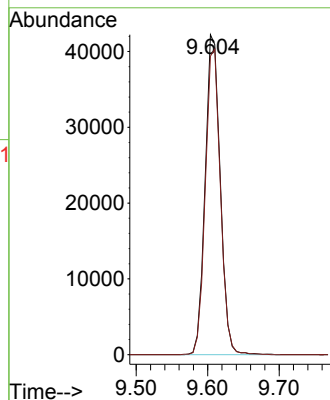
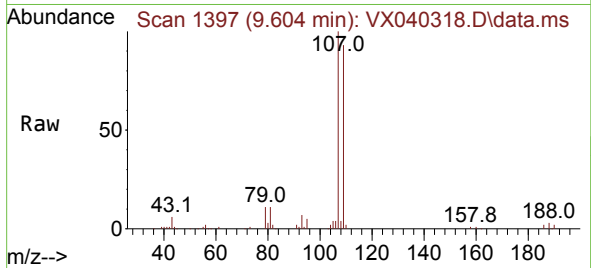




#61
1,2-Dibromoethane
Concen: 47.539 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

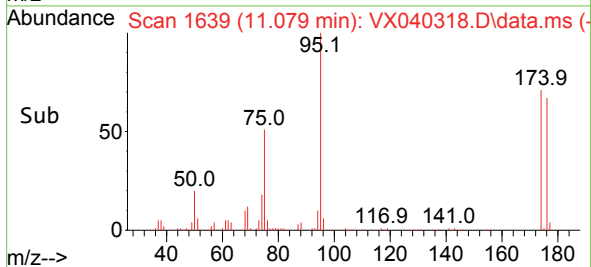
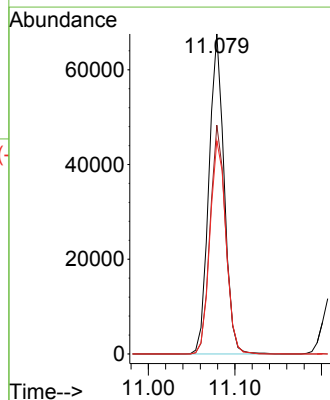
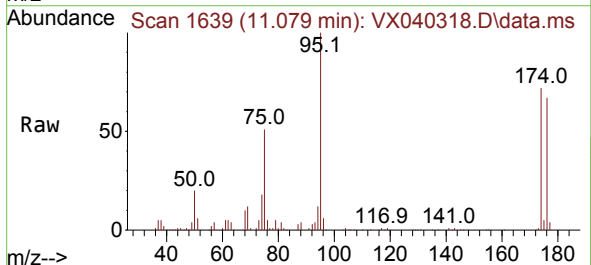
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

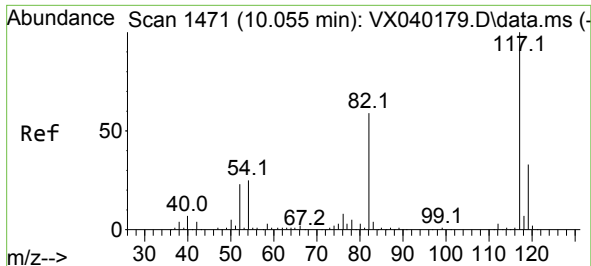
Tgt Ion:107 Resp: 61915
Ion Ratio Lower Upper
107 100
109 95.6 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 48.321 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 95 Resp: 82536
Ion Ratio Lower Upper
95 100
174 72.4 0.0 135.6
176 69.9 0.0 131.0

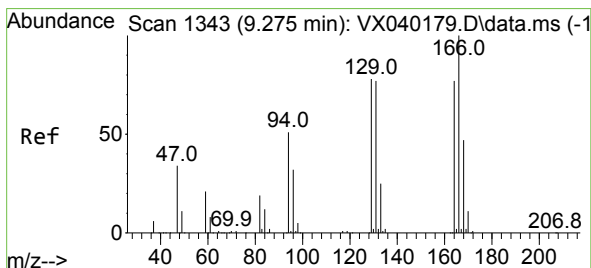
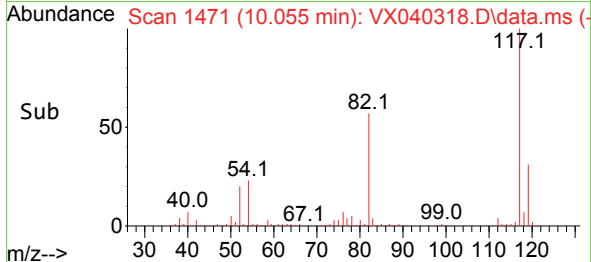
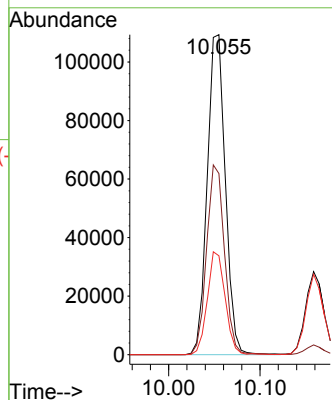
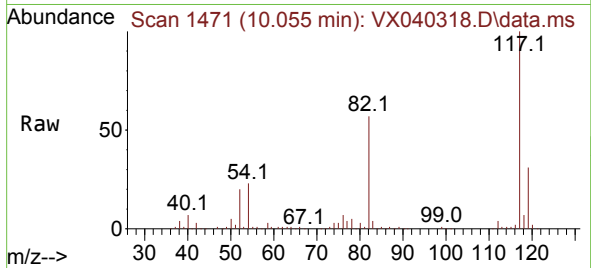




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

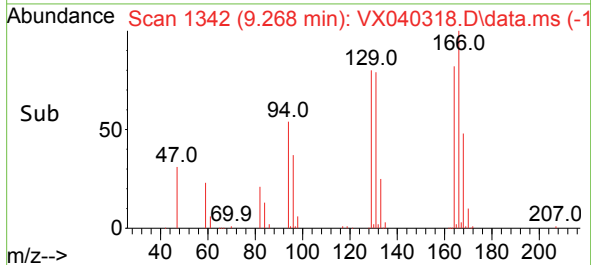
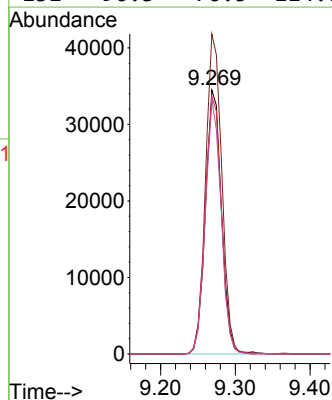
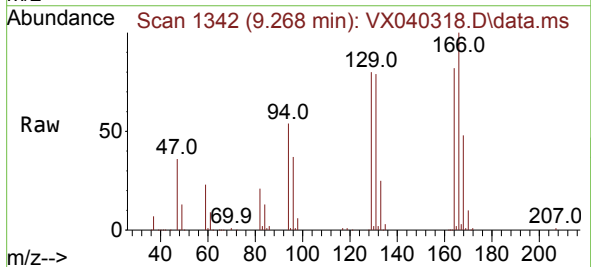
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

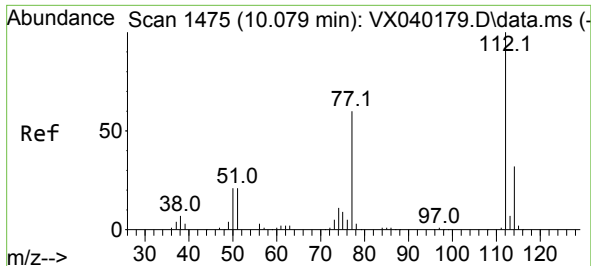
Tgt Ion:117 Resp: 150108
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 30.9 25.5 38.3



#64
Tetrachloroethene
Concen: 49.090 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion:164 Resp: 51638
Ion Ratio Lower Upper
164 100
166 121.3 102.7 154.1
129 97.5 80.4 120.6
131 96.3 76.5 114.7

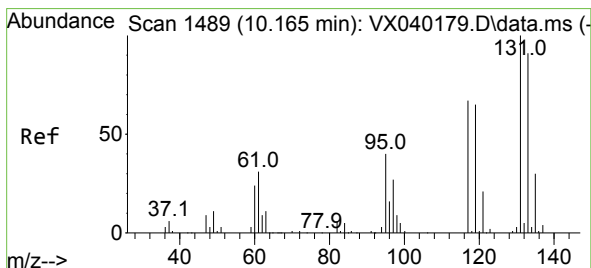
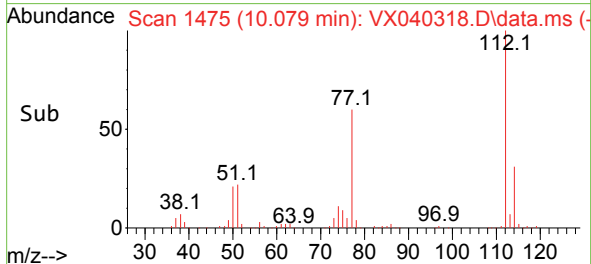
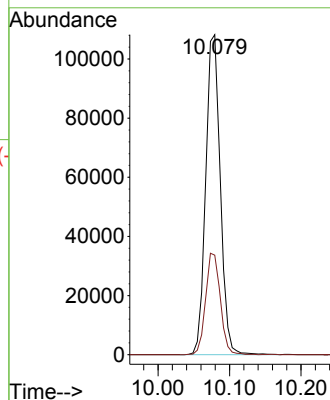
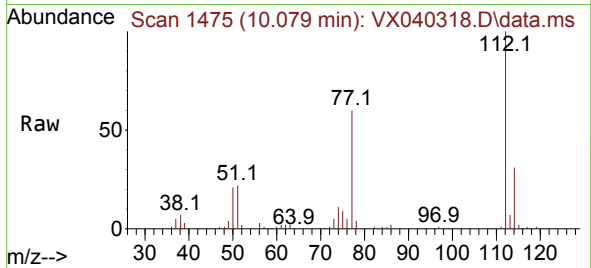




#65
Chlorobenzene
Concen: 48.953 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

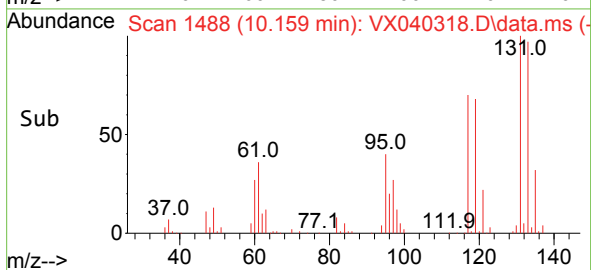
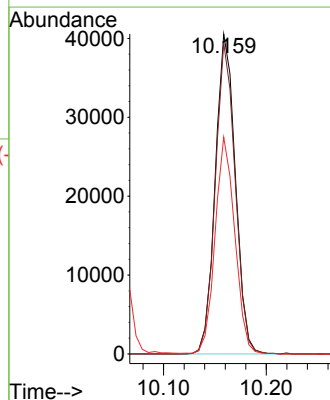
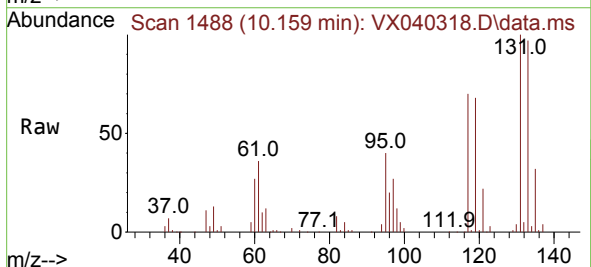
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

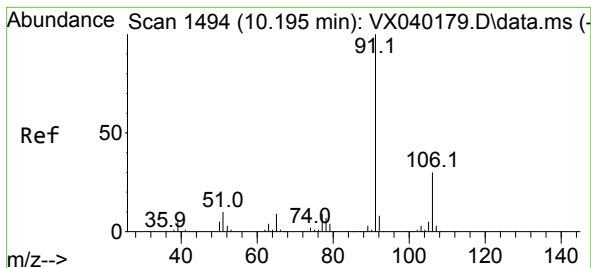
Tgt Ion:112 Resp: 153361
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.814 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion:131 Resp: 55134
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 66.6 32.2 96.6





#67

Ethyl Benzene

Concen: 51.994 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.006 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

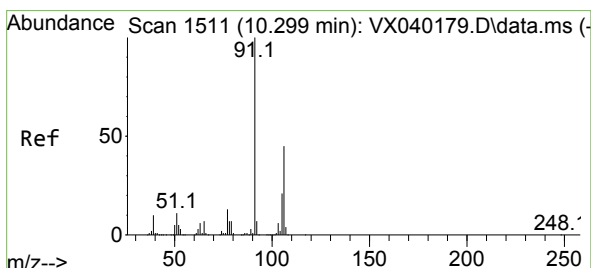
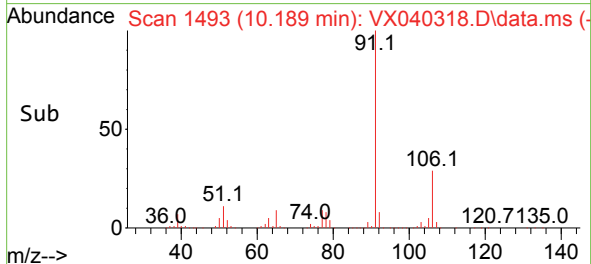
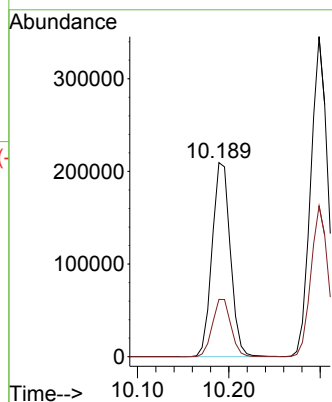
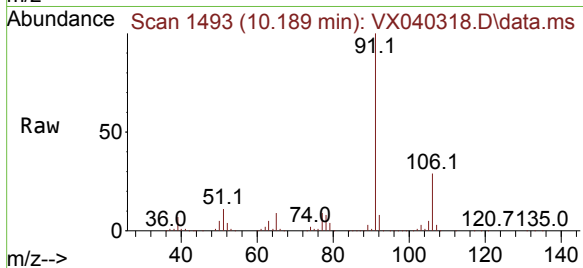
VSTDCCC050

Tgt Ion: 91 Resp: 290100

Ion Ratio Lower Upper

91 100

106 29.5 24.9 37.3



#68

m/p-Xylenes

Concen: 101.854 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040318.D

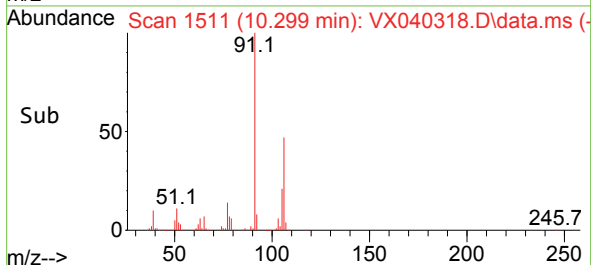
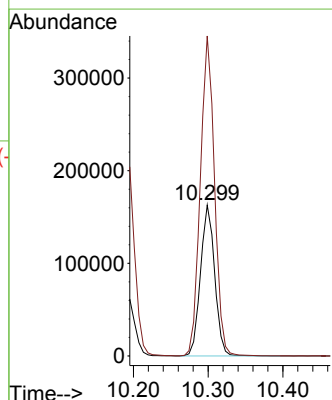
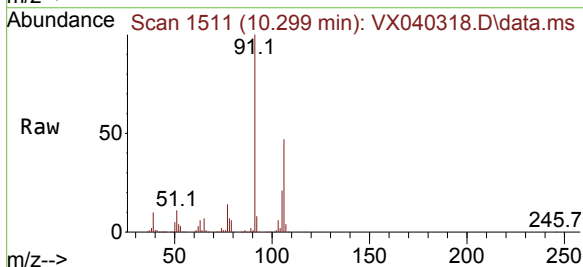
Acq: 19 Feb 2024 10:08

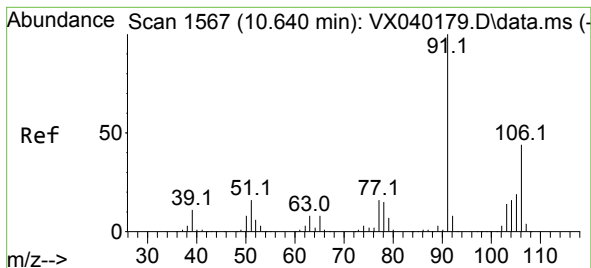
Tgt Ion: 106 Resp: 214632

Ion Ratio Lower Upper

106 100

91 212.0 165.5 248.3

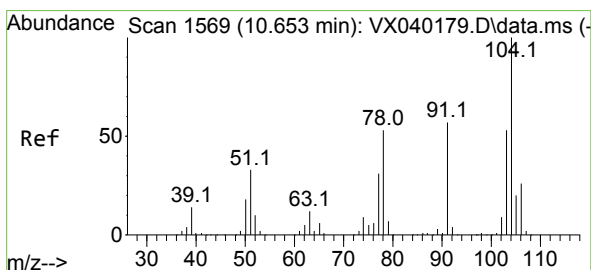
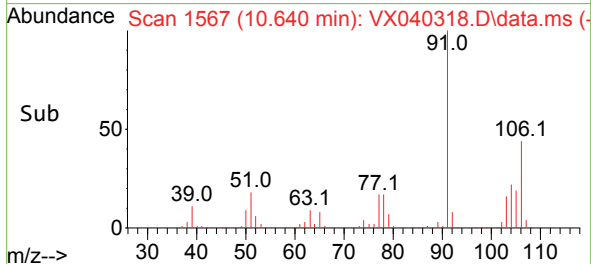
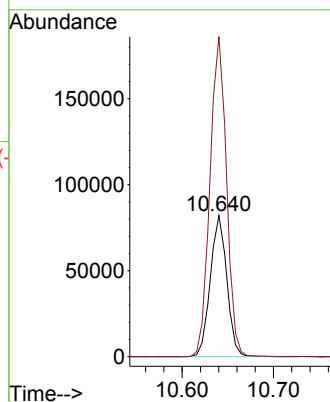
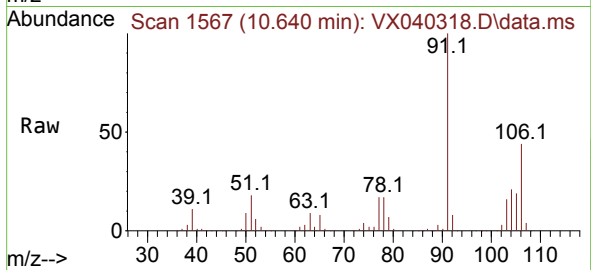




#69
o-Xylene
Concen: 50.358 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

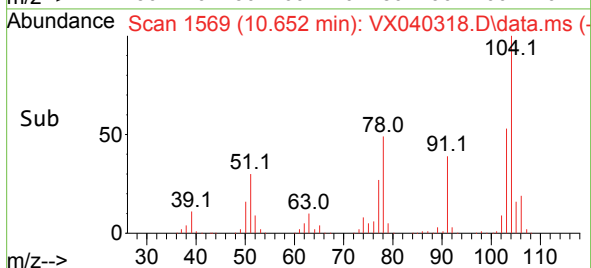
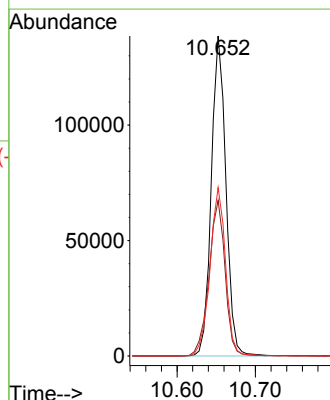
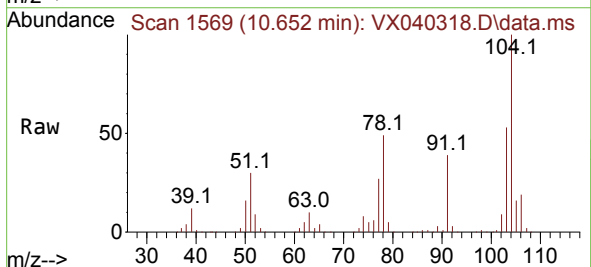
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

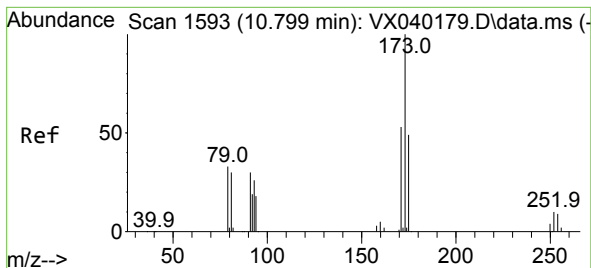
Tgt Ion:106 Resp: 103121
Ion Ratio Lower Upper
106 100
91 227.4 108.9 326.8



#70
Styrene
Concen: 52.508 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion:104 Resp: 178766
Ion Ratio Lower Upper
104 100
78 53.8 43.6 65.4
103 56.3 43.6 65.4





#71

Bromoform

Concen: 44.495 ug/l

RT: 10.799 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

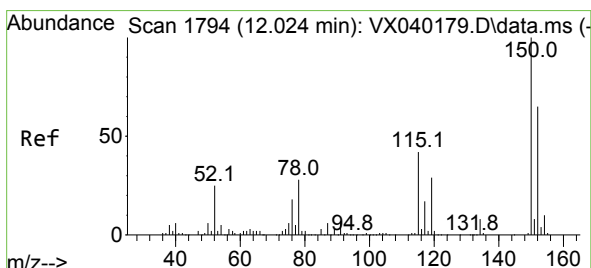
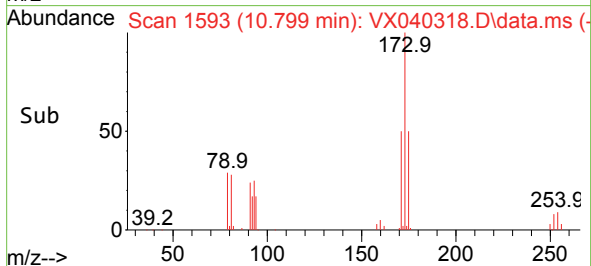
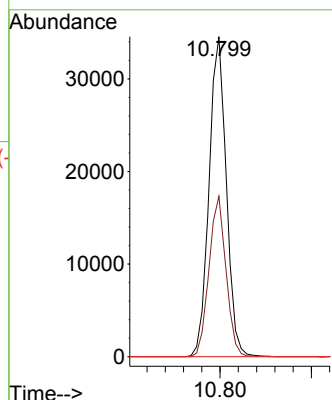
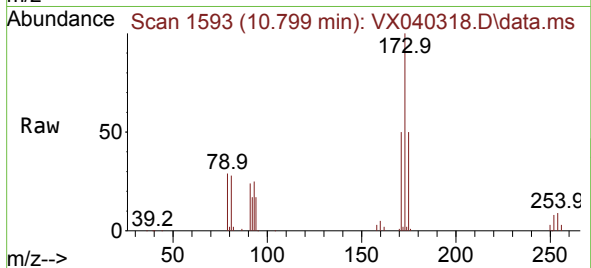
Tgt Ion:173 Resp: 45138

Ion Ratio Lower Upper

173 100

175 49.5 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

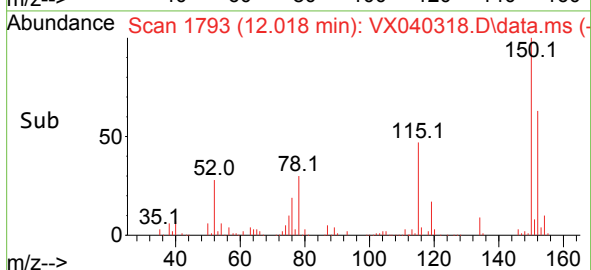
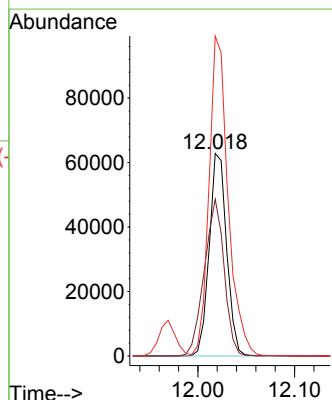
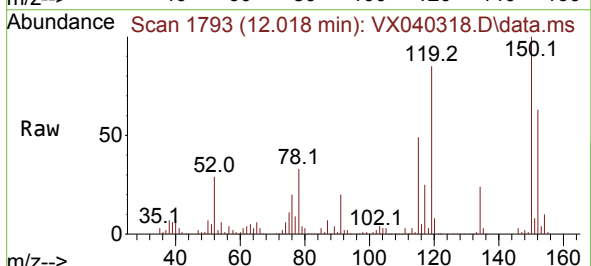
Tgt Ion:152 Resp: 78752

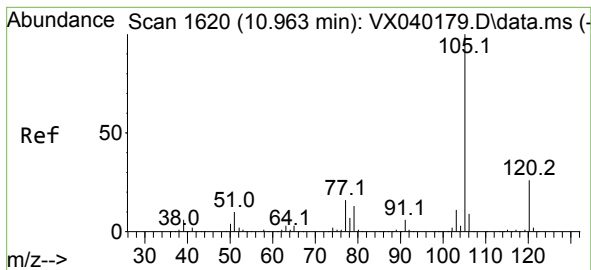
Ion Ratio Lower Upper

152 100

115 88.2 43.3 129.9

150 172.8 0.0 345.0





#73

Isopropylbenzene

Concen: 51.422 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

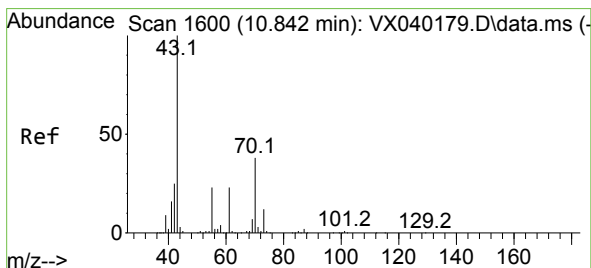
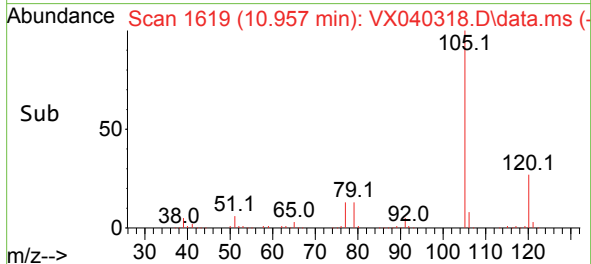
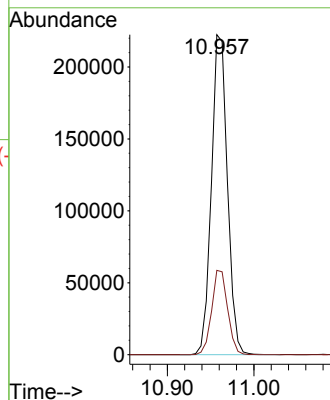
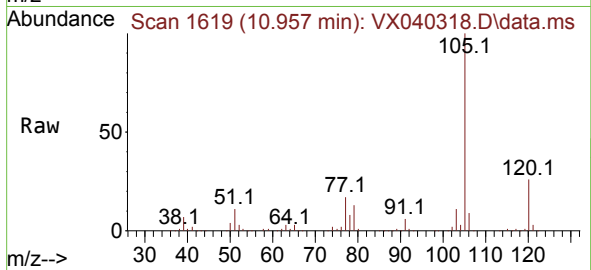
VSTDCCC050

Tgt Ion:105 Resp: 285223

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.6



#74

N-ethyl acetate

Concen: 55.682 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Tgt Ion: 43 Resp: 132388

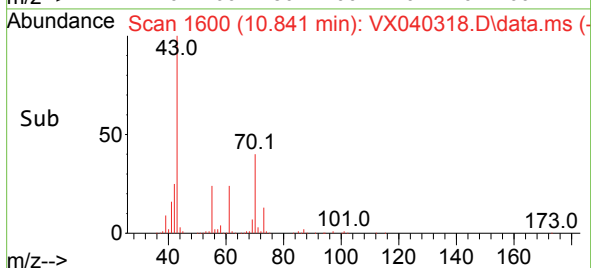
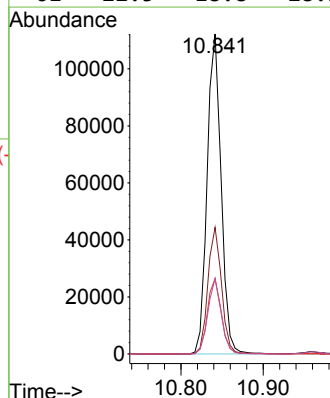
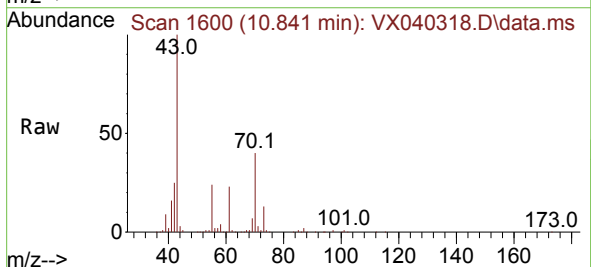
Ion Ratio Lower Upper

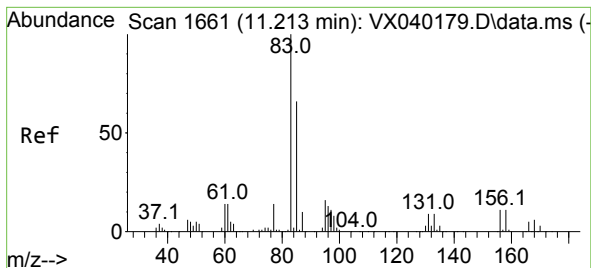
43 100

70 38.7 32.9 49.3

55 23.7 19.3 28.9

61 22.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.111 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

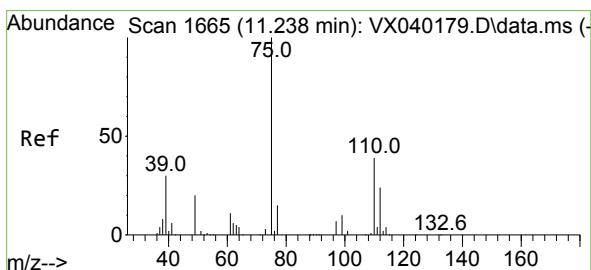
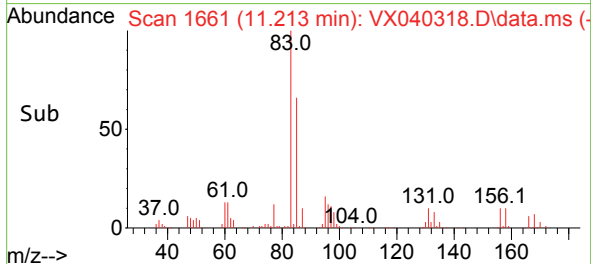
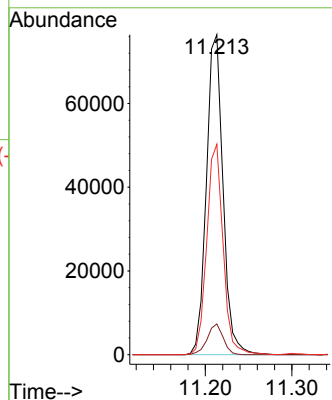
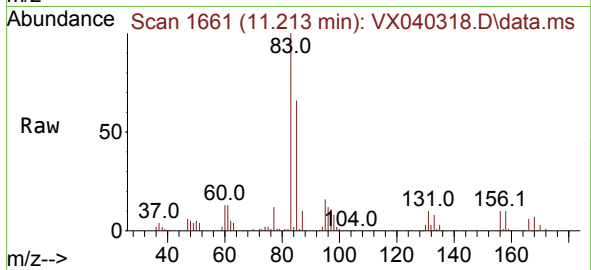
Tgt Ion: 83 Resp: 101853

Ion Ratio Lower Upper

83 100

131 9.3 5.3 15.8

85 64.6 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 68.487 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX040318.D

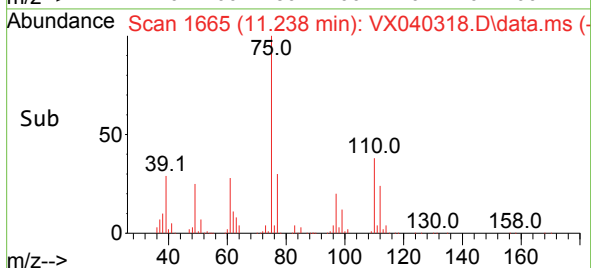
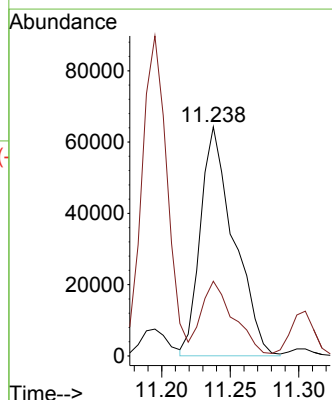
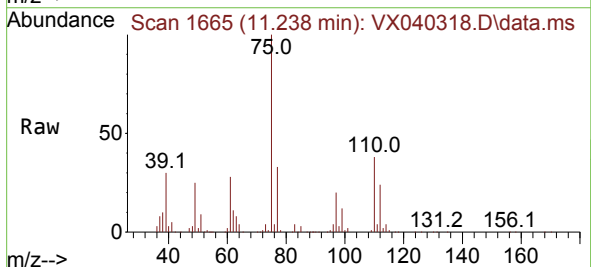
Acq: 19 Feb 2024 10:08

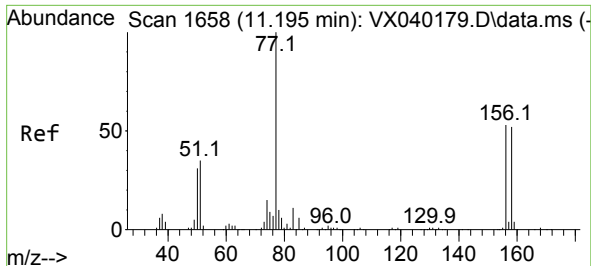
Tgt Ion: 75 Resp: 109221

Ion Ratio Lower Upper

75 100

77 31.9 19.1 57.5

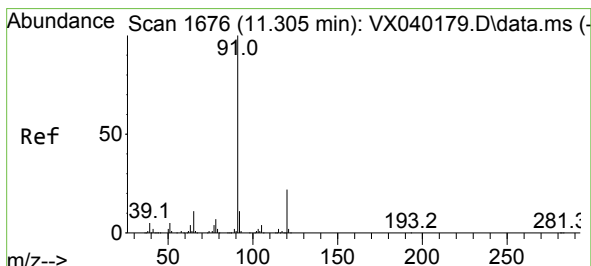
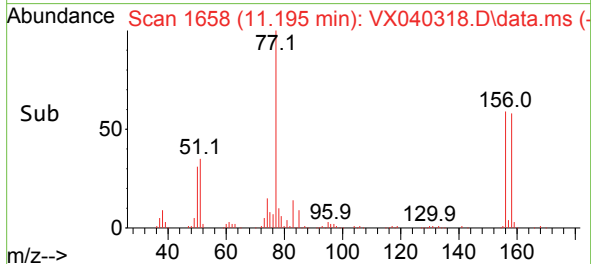
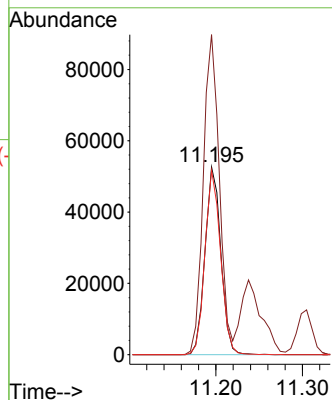
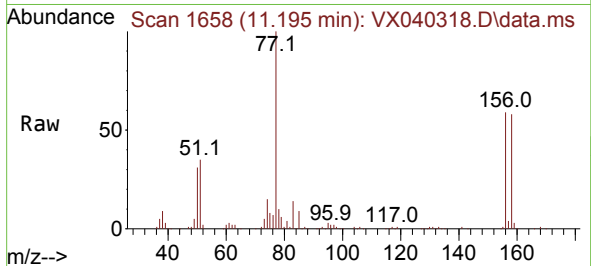




#77
Bromobenzene
Concen: 51.085 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

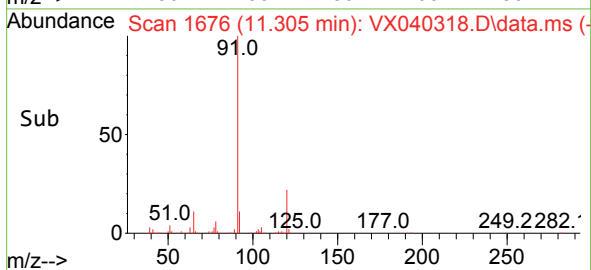
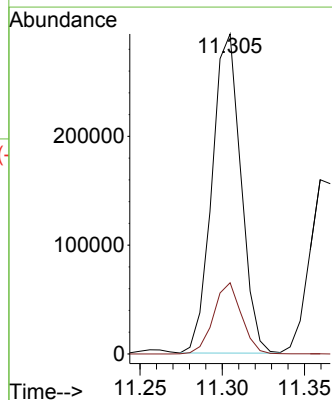
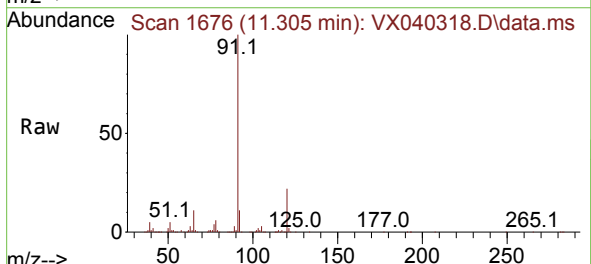
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

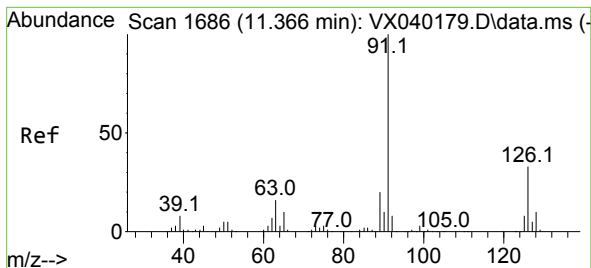
Tgt Ion:156 Resp: 66925
Ion Ratio Lower Upper
156 100
77 172.4 88.4 265.3
158 97.2 48.0 144.0



#78
n-propylbenzene
Concen: 53.362 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 91 Resp: 358343
Ion Ratio Lower Upper
91 100
120 21.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.232 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

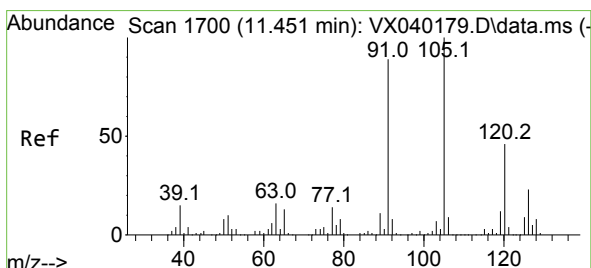
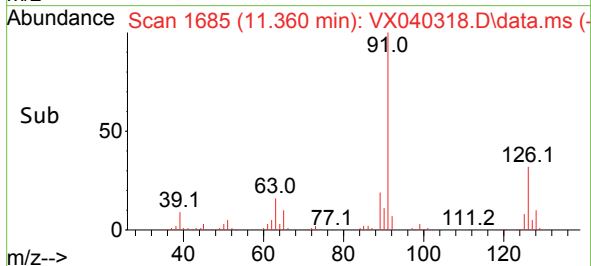
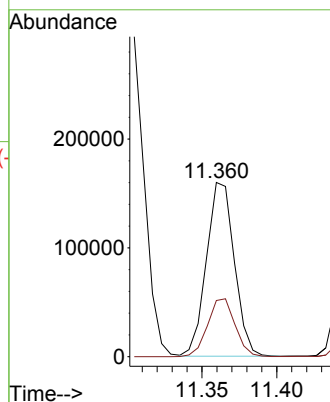
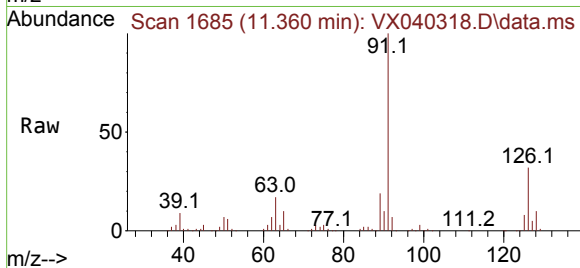
VSTDCCC050

Tgt Ion: 91 Resp: 207750

Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 52.698 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040318.D

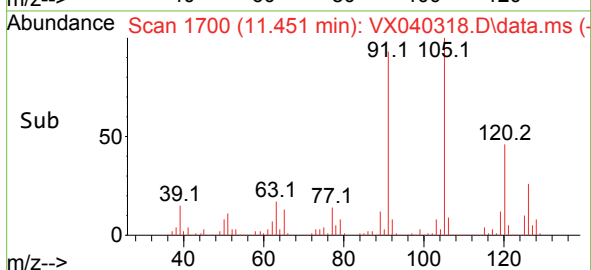
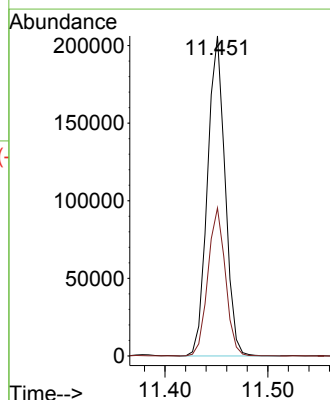
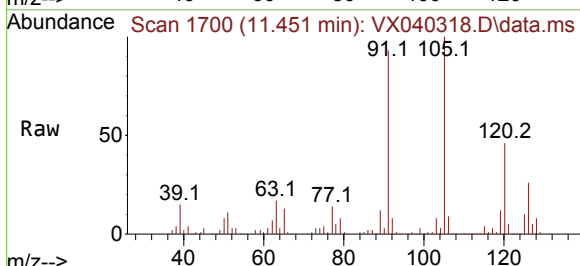
Acq: 19 Feb 2024 10:08

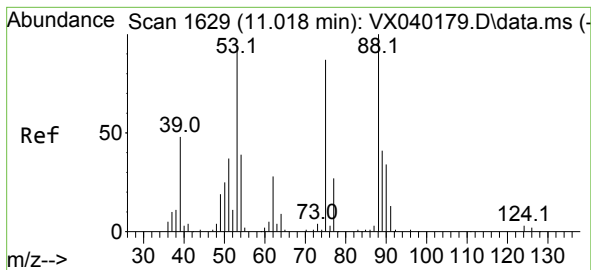
Tgt Ion: 105 Resp: 246084

Ion Ratio Lower Upper

105 100

120 45.9 24.1 72.3

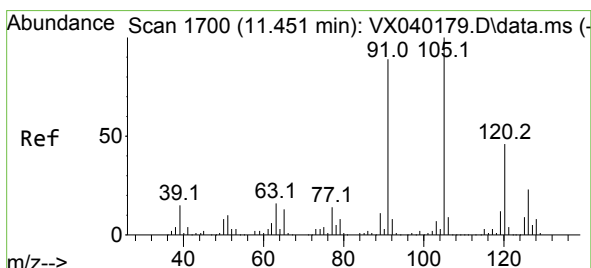
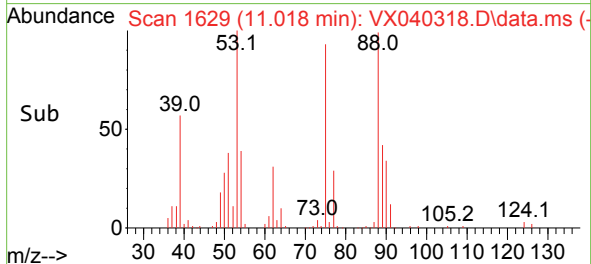
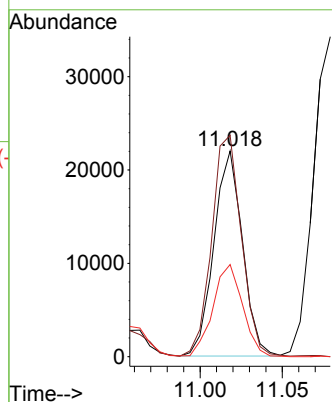
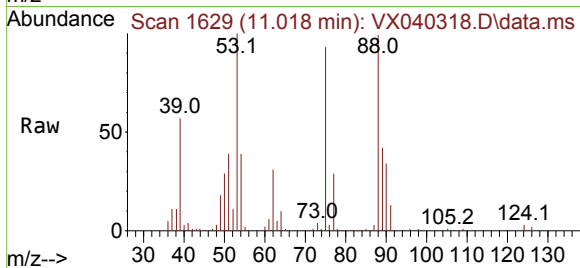




#81
trans-1,4-Dichloro-2-butene
Concen: 47.009 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

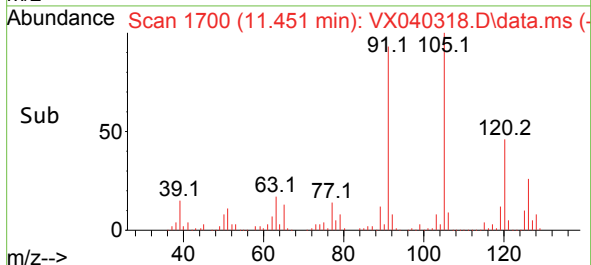
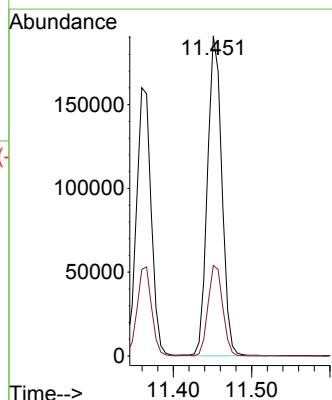
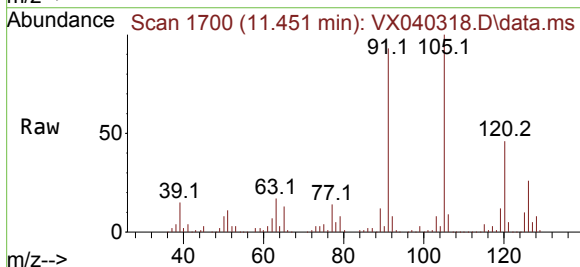
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

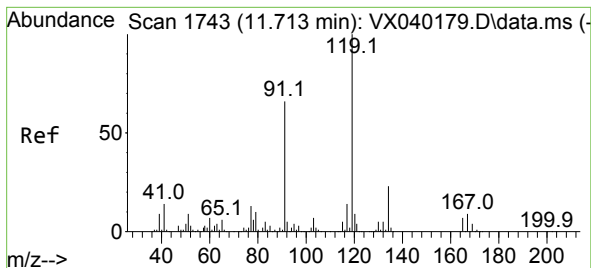
Tgt Ion: 75 Resp: 26567
Ion Ratio Lower Upper
75 100
53 111.6 90.5 135.7
89 46.8 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.691 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 91 Resp: 243550
Ion Ratio Lower Upper
91 100
126 28.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.682 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

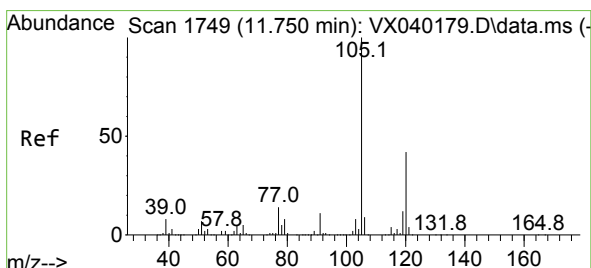
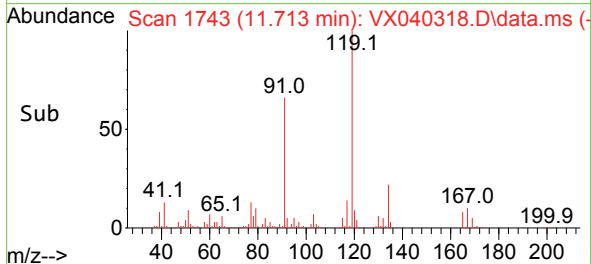
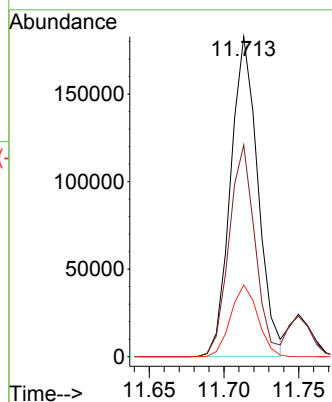
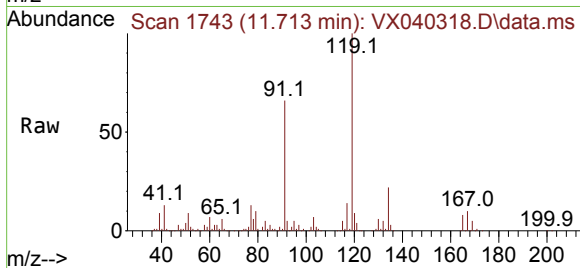
Tgt Ion:119 Resp: 232031

Ion Ratio Lower Upper

119 100

91 63.6 31.2 93.6

134 22.3 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 52.242 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040318.D

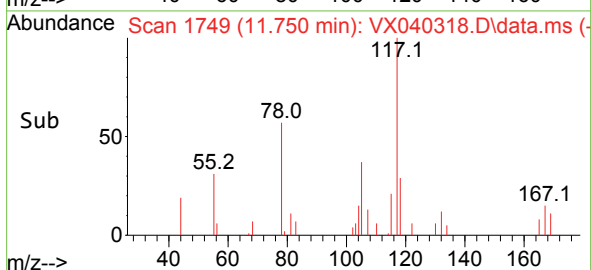
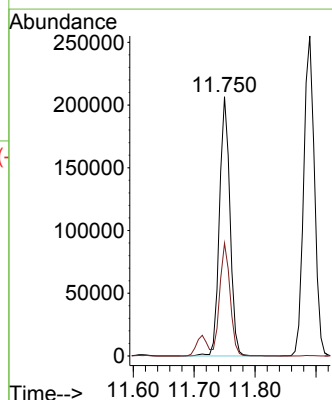
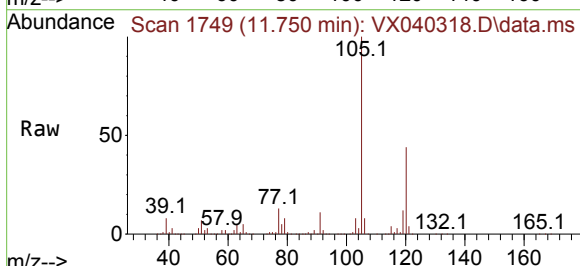
Acq: 19 Feb 2024 10:08

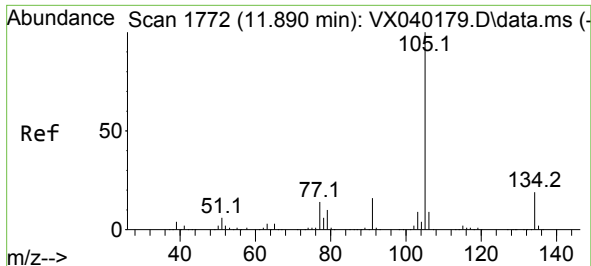
Tgt Ion:105 Resp: 246811

Ion Ratio Lower Upper

105 100

120 43.3 21.2 63.6

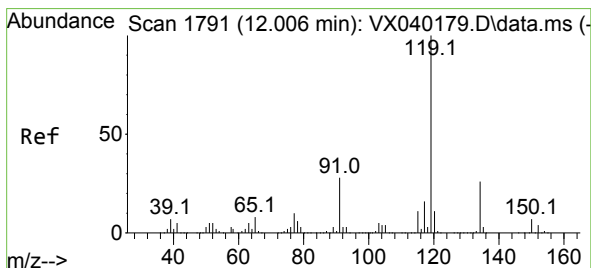
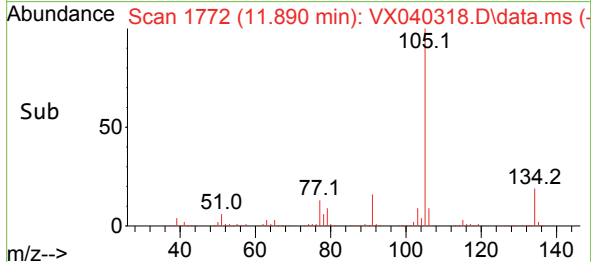
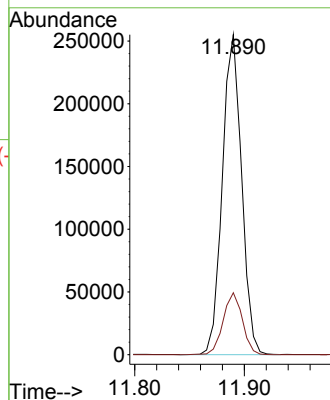
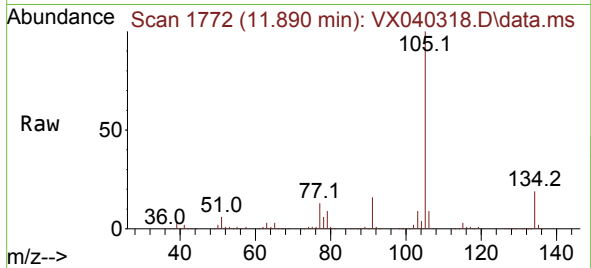




#85
 sec-Butylbenzene
 Concen: 52.990 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040318.D
 Acq: 19 Feb 2024 10:08

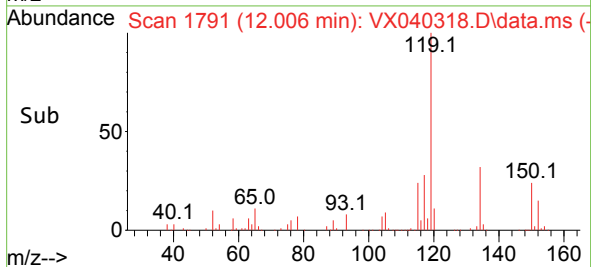
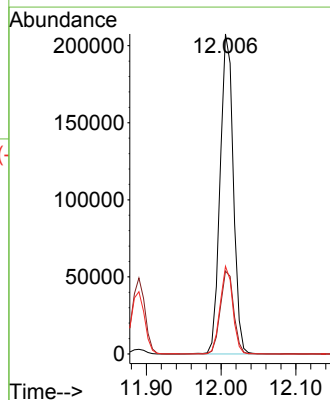
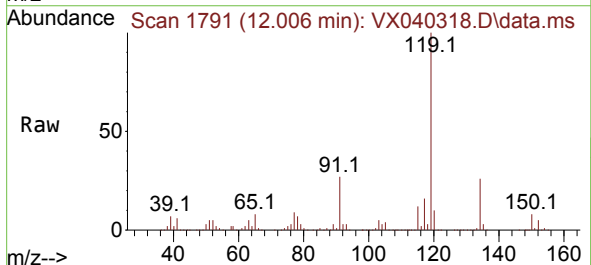
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

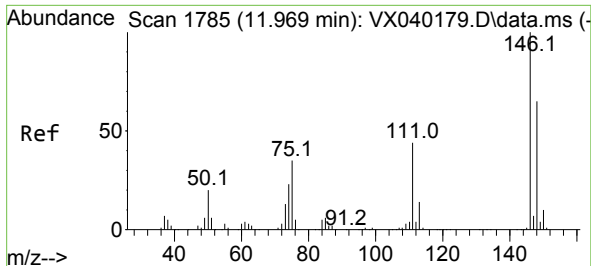
Tgt Ion:105 Resp: 311775
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 52.676 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040318.D
 Acq: 19 Feb 2024 10:08

Tgt Ion:119 Resp: 254055
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 26.4 13.1 39.3

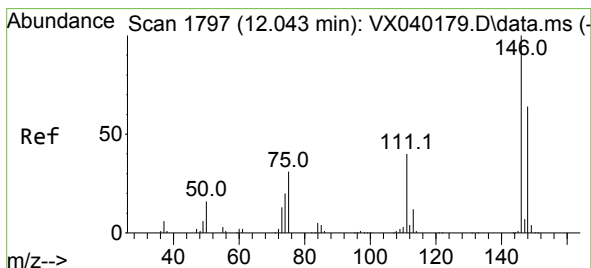
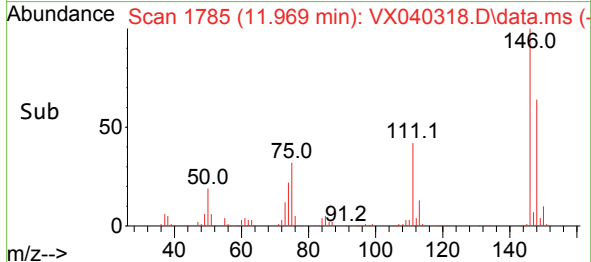
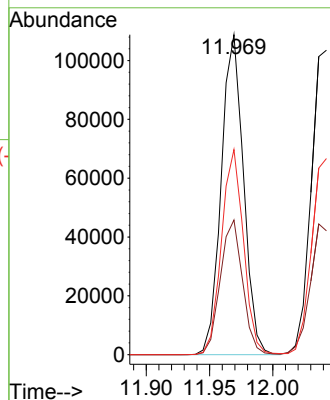
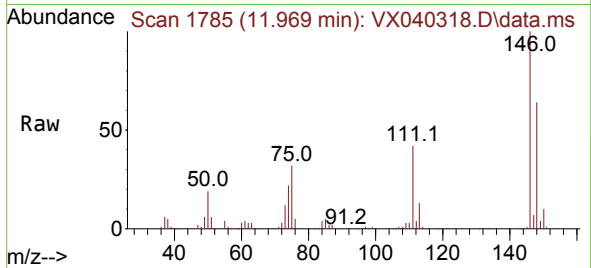




#87
1,3-Dichlorobenzene
Concen: 51.261 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

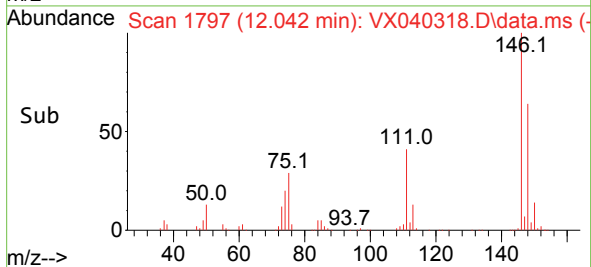
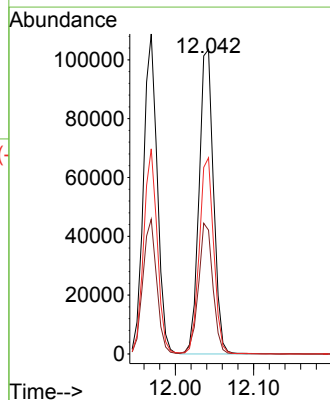
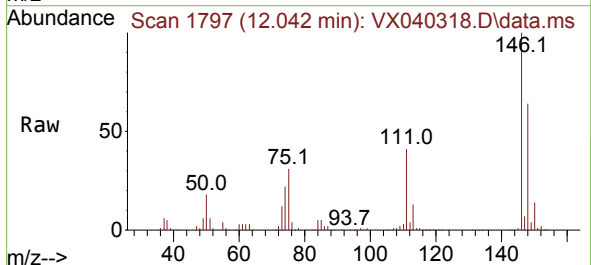
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

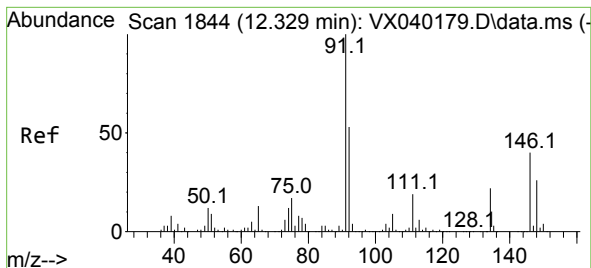
Tgt Ion:146 Resp: 133061
Ion Ratio Lower Upper
146 100
111 42.2 22.1 66.1
148 63.4 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 48.490 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion:146 Resp: 133282
Ion Ratio Lower Upper
146 100
111 42.5 21.3 63.7
148 63.8 31.8 95.4

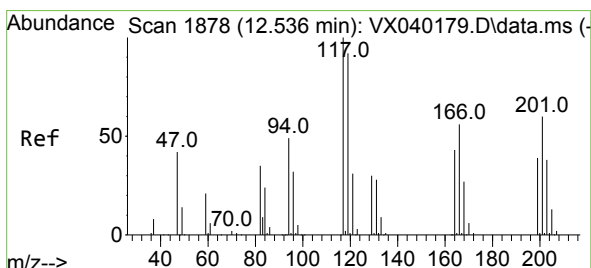
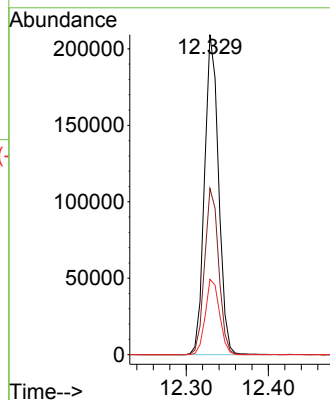
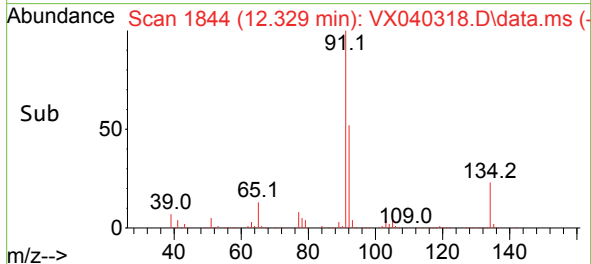
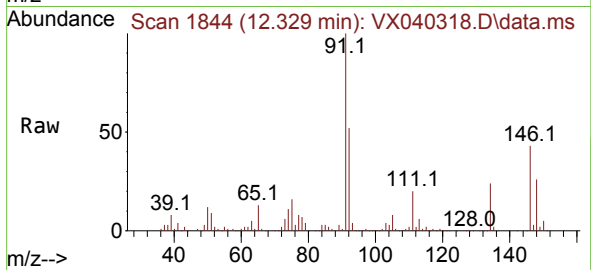




#89
n-Butylbenzene
Concen: 53.362 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

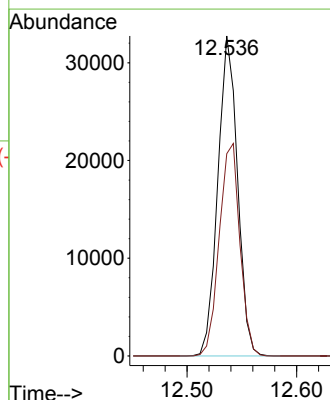
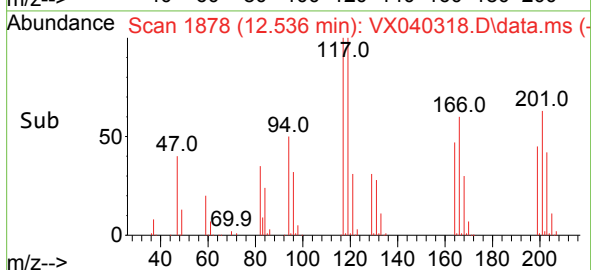
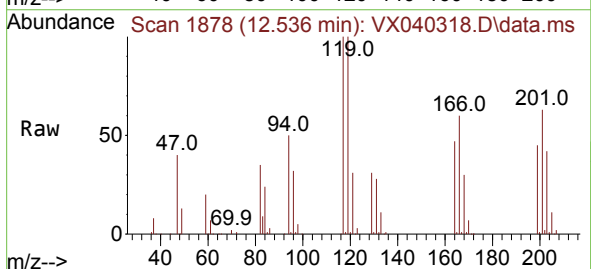
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

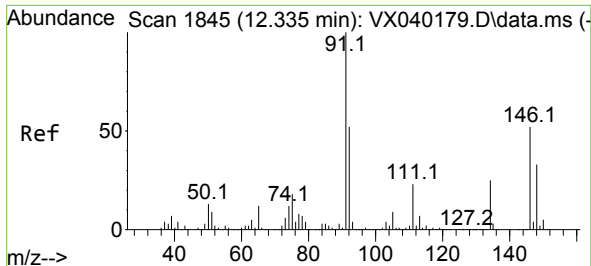
Tgt Ion: 91 Resp: 248434
Ion Ratio Lower Upper
91 100
92 52.0 27.4 82.0
134 23.9 12.6 37.8



#90
Hexachloroethane
Concen: 53.827 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040318.D
Acq: 19 Feb 2024 10:08

Tgt Ion: 117 Resp: 40949
Ion Ratio Lower Upper
117 100
201 69.5 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 50.502 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

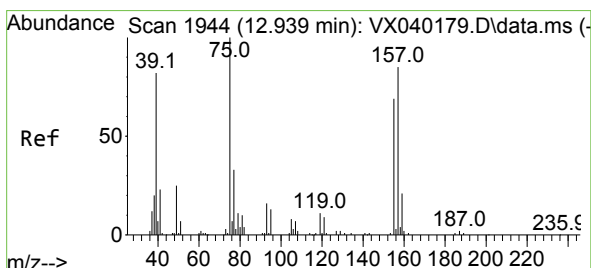
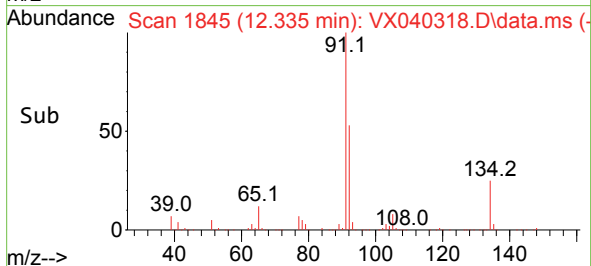
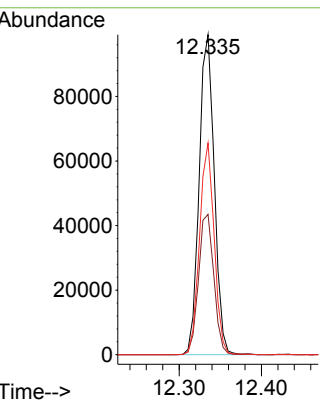
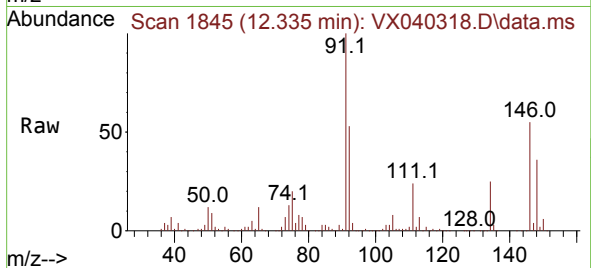
Tgt Ion:146 Resp: 126903

Ion Ratio Lower Upper

146 100

111 44.4 22.4 67.0

148 63.9 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.274 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

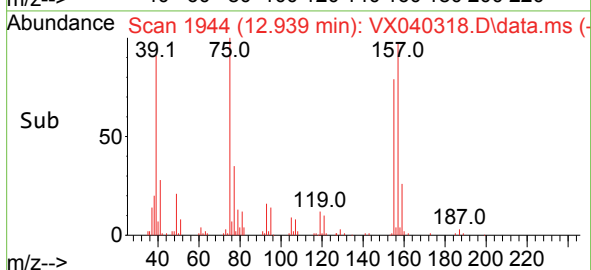
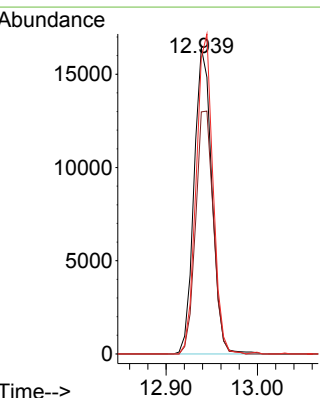
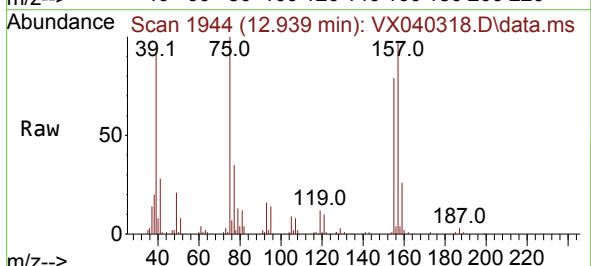
Tgt Ion: 75 Resp: 22203

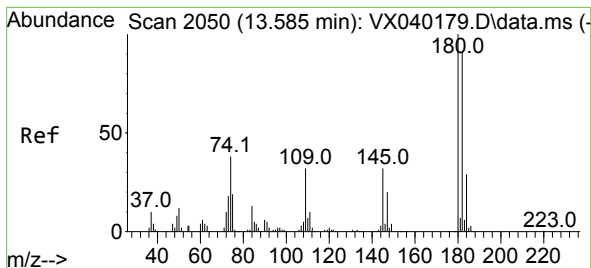
Ion Ratio Lower Upper

75 100

155 78.6 36.1 108.5

157 98.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 49.984 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

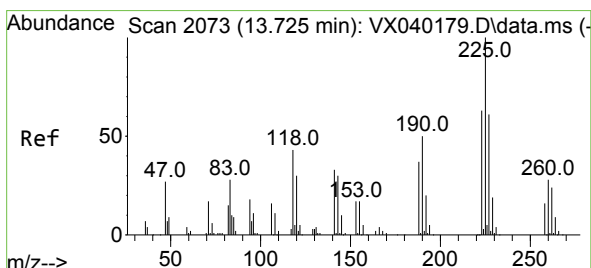
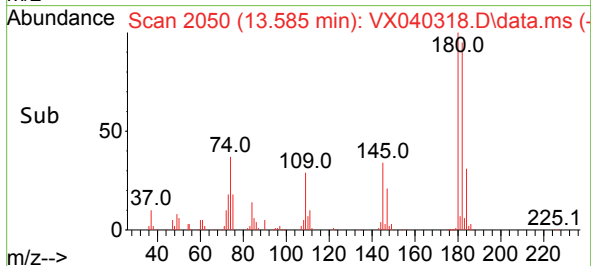
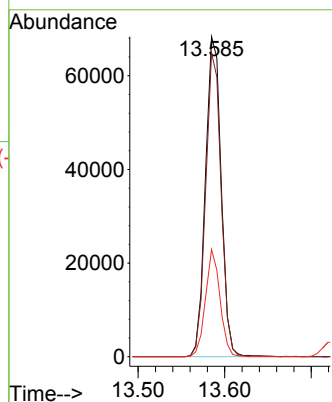
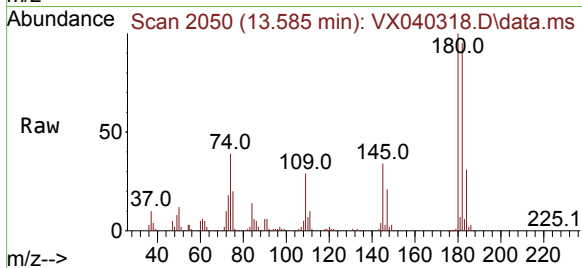
Tgt Ion:180 Resp: 85989

Ion Ratio Lower Upper

180 100

182 93.5 48.3 144.8

145 31.1 18.0 54.0



#94

Hexachlorobutadiene

Concen: 51.539 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

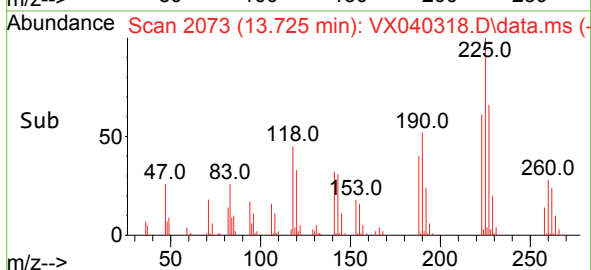
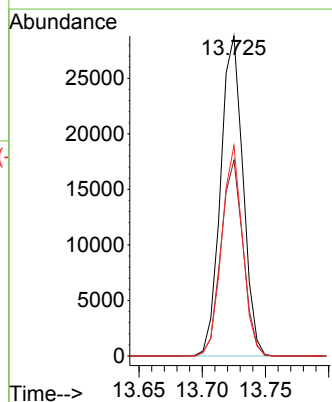
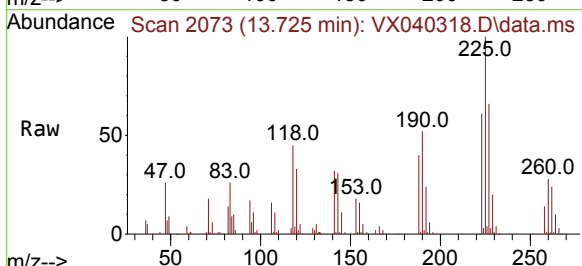
Tgt Ion:225 Resp: 35387

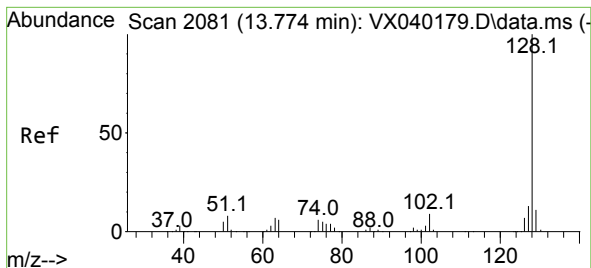
Ion Ratio Lower Upper

225 100

223 60.3 31.1 93.2

227 61.1 32.5 97.5





#95

Naphthalene

Concen: 50.283 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

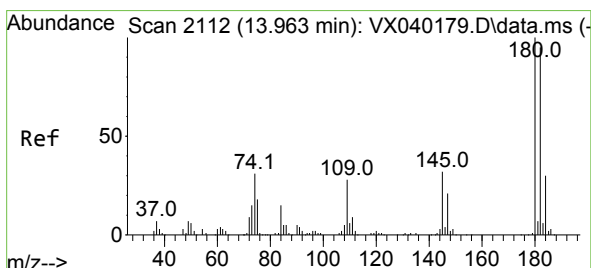
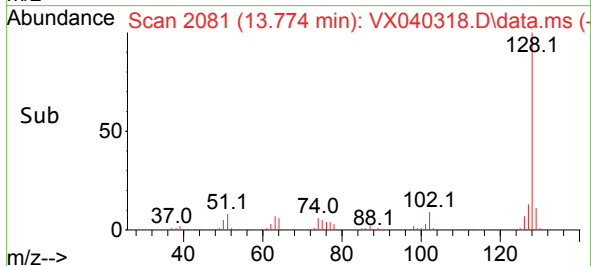
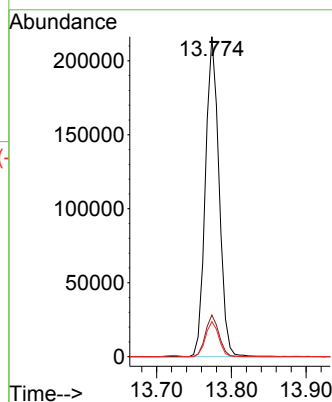
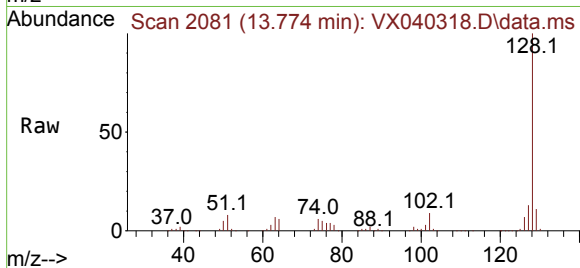
Tgt Ion:128 Resp: 273214

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 50.495 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040318.D

Acq: 19 Feb 2024 10:08

Tgt Ion:180 Resp: 82803

Ion Ratio Lower Upper

180 100

182 95.2 46.9 140.6

145 33.5 17.8 53.5

