

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040213.D
 Acq On : 14 Feb 2024 12:24
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Quant Time: Feb 14 23:59:33 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	5.544	168	76295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125533	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	53106	46.788	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.580%
35) Dibromofluoromethane	5.379	113	43389	49.494	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.980%
50) Toluene-d8	8.647	98	160431	48.922	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.840%
62) 4-Bromofluorobenzene	11.079	95	65722	49.141	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44374	51.489	ug/l	98
3) Chloromethane	1.294	50	41816	47.053	ug/l	99
4) Vinyl Chloride	1.374	62	45503	48.451	ug/l	98
5) Bromomethane	1.599	94	31299	59.058	ug/l	98
6) Chloroethane	1.685	64	28832	48.677	ug/l	99
7) Trichlorofluoromethane	1.886	101	74976	49.712	ug/l	99
8) Diethyl Ether	2.130	74	28050	49.509	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	40596	50.179	ug/l	94
10) Methyl Iodide	2.453	142	50690	56.436	ug/l	91
11) Tert butyl alcohol	2.959	59	54141	244.883	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	38638	49.603	ug/l	88
13) Acrolein	2.233	56	52625	257.880	ug/l	99
14) Allyl chloride	2.660	41	63638	47.077	ug/l #	95
15) Acrylonitrile	3.062	53	124405	251.484	ug/l	100
16) Acetone	2.374	43	106603	228.677	ug/l	91
17) Carbon Disulfide	2.508	76	99296	48.285	ug/l	98
18) Methyl Acetate	2.697	43	51757	41.416	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	140852	51.327	ug/l	99
20) Methylene Chloride	2.788	84	45293	51.887	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	42743	48.181	ug/l	91
22) Diisopropyl ether	3.757	45	139554	50.905	ug/l	95
23) Vinyl Acetate	3.715	43	651878	266.735	ug/l	98
24) 1,1-Dichloroethane	3.611	63	78809	49.350	ug/l	99
25) 2-Butanone	4.550	43	170525	234.016	ug/l	95
26) 2,2-Dichloropropane	4.471	77	63605	51.741	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	50718	50.115	ug/l	92
28) Bromochloromethane	4.891	49	36128	53.286	ug/l	91
29) Tetrahydrofuran	4.995	42	112653	237.296	ug/l	94
30) Chloroform	5.086	83	86166	49.906	ug/l	97
31) Cyclohexane	5.464	56	64732	47.813	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	73179	50.381	ug/l	99
36) 1,1-Dichloropropene	5.690	75	60213	49.032	ug/l	98
37) Ethyl Acetate	4.708	43	67829	49.639	ug/l	97
38) Carbon Tetrachloride	5.678	117	60687	51.975	ug/l	91
39) Methylcyclohexane	7.379	83	71483	50.088	ug/l	95
40) Benzene	6.038	78	176339	51.348	ug/l	98

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 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 14 23:59:33 2024
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	35909	49.572	ug/l	90
42) 1,2-Dichloroethane	6.086	62	69845	52.033	ug/l	99
43) Isopropyl Acetate	6.336	43	110866	51.974	ug/l	99
44) Trichloroethene	7.123	130	47761	50.419	ug/l	97
45) 1,2-Dichloropropane	7.428	63	46393	51.902	ug/l	99
46) Dibromomethane	7.580	93	35534	53.977	ug/l	93
47) Bromodichloromethane	7.818	83	68854	54.282	ug/l	99
48) Methyl methacrylate	7.690	41	55551	50.896	ug/l	91
49) 1,4-Dioxane	7.653	88	23314	981.875	ug/l #	87
51) 4-Methyl-2-Pentanone	8.568	43	374460	257.123	ug/l	99
52) Toluene	8.714	92	116196	51.656	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	75573	50.064	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	80103	56.348	ug/l #	89
55) 1,1,2-Trichloroethane	9.147	97	50955	53.111	ug/l	97
56) Ethyl methacrylate	9.116	69	79790	55.553	ug/l	96
57) 1,3-Dichloropropane	9.305	76	83161	53.105	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	171872	252.959	ug/l	99
59) 2-Hexanone	9.427	43	293741	254.395	ug/l	98
60) Dibromochloromethane	9.519	129	55329	56.605	ug/l	99
61) 1,2-Dibromoethane	9.610	107	55726	54.644	ug/l	99
64) Tetrachloroethene	9.275	164	42721	50.443	ug/l	94
65) Chlorobenzene	10.079	112	129255	51.245	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	48338	55.334	ug/l	99
67) Ethyl Benzene	10.195	91	237659	52.905	ug/l	100
68) m/p-Xylenes	10.299	106	179162	105.601	ug/l	99
69) o-Xylene	10.640	106	89064	54.021	ug/l	99
70) Styrene	10.653	104	151884	55.410	ug/l	98
71) Bromoform	10.799	173	42581	51.836	ug/l #	97
73) Isopropylbenzene	10.963	105	238093	50.151	ug/l	99
74) N-amyl acetate	10.842	43	110576	54.337	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	85704	50.247	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	94033	68.890	ug/l	90
77) Bromobenzene	11.195	156	58672	52.325	ug/l	93
78) n-propylbenzene	11.305	91	290153	50.481	ug/l	99
79) 2-Chlorotoluene	11.360	91	172328	49.651	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	207007	51.792	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23927	49.279	ug/l	93
82) 4-Chlorotoluene	11.451	91	203196	49.411	ug/l	97
83) tert-Butylbenzene	11.713	119	199750	50.976	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	207589	51.337	ug/l	98
85) sec-Butylbenzene	11.890	105	258967	51.424	ug/l	98
86) p-Isopropyltoluene	12.006	119	218441	52.916	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	116988	52.656	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	116953	49.712	ug/l	98
89) n-Butylbenzene	12.329	91	203580	51.089	ug/l	97
90) Hexachloroethane	12.536	117	36236	55.650	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	113651	52.842	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20816	52.877	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	75775	51.461	ug/l	96
94) Hexachlorobutadiene	13.725	225	31187	53.069	ug/l	97
95) Naphthalene	13.774	128	243513	52.362	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	72870	51.918	ug/l	97

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Misc : 5.0mL/MSVOA_X/WATER
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MSVOA_X
ClientSampleId :
VSTDCCC050

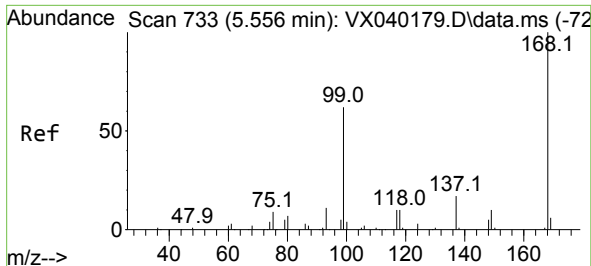
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Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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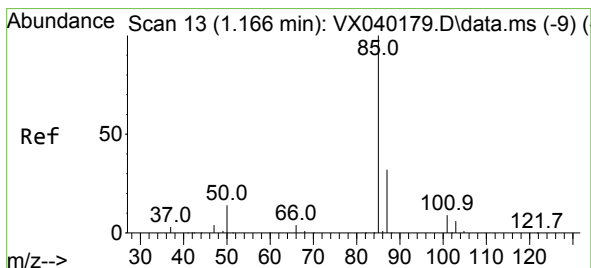
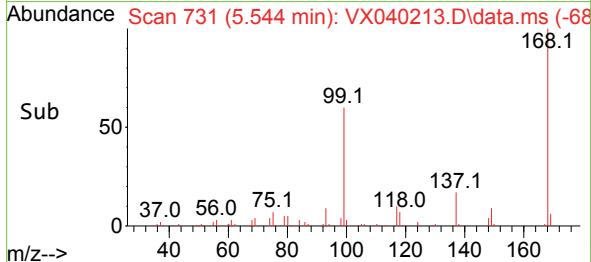
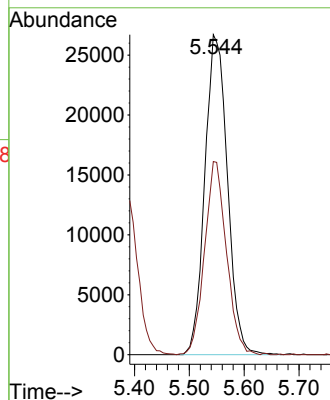
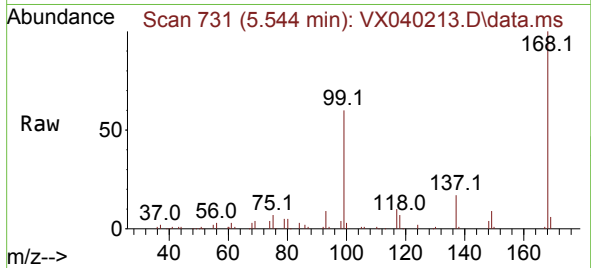




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

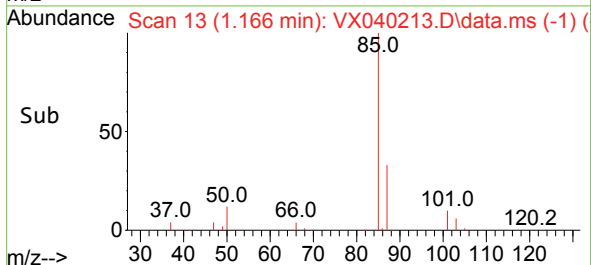
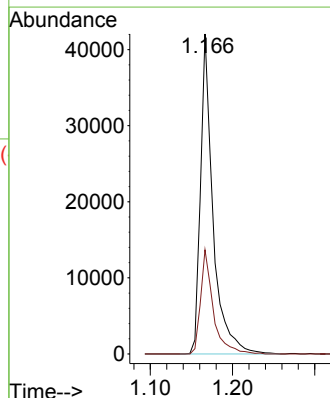
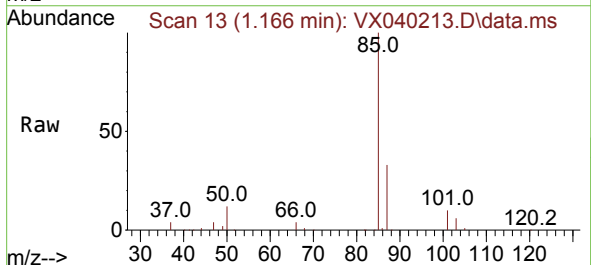
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

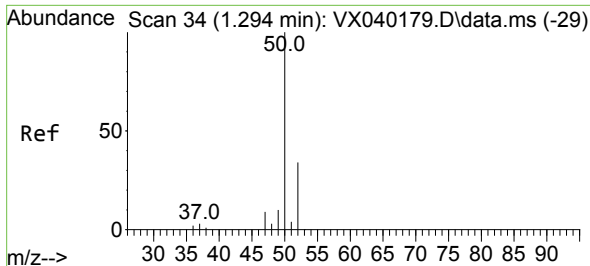
Tgt Ion:168 Resp: 76295
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 51.489 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 85 Resp: 44374
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1

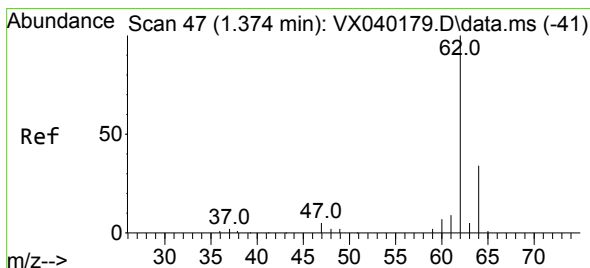
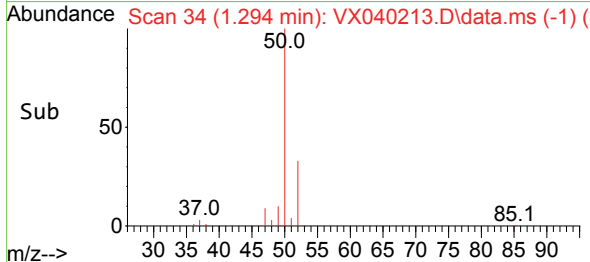
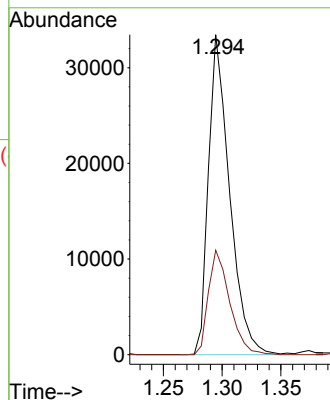
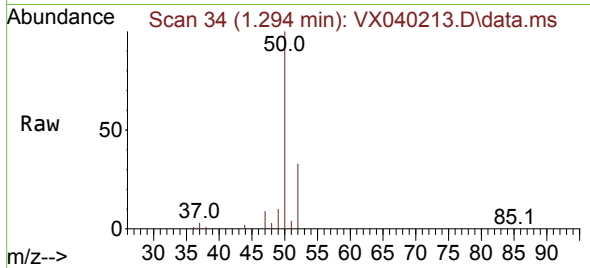




#3
Chloromethane
Concen: 47.053 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

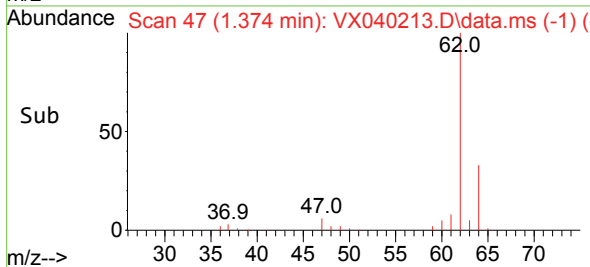
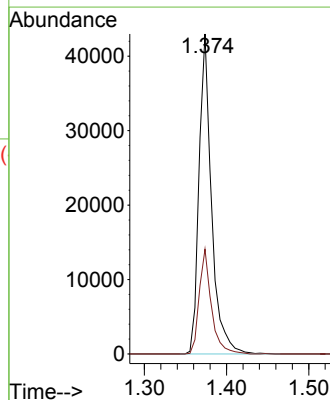
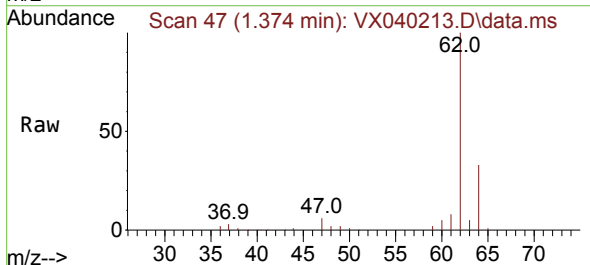
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

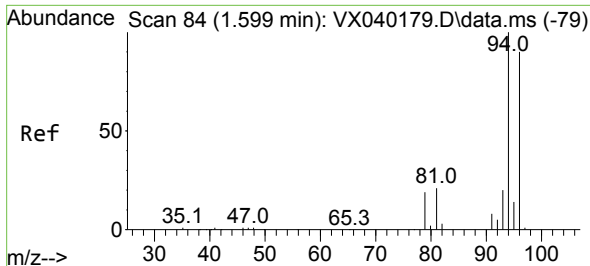
Tgt Ion: 50 Resp: 41816
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3



#4
Vinyl Chloride
Concen: 48.451 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 62 Resp: 45503
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0

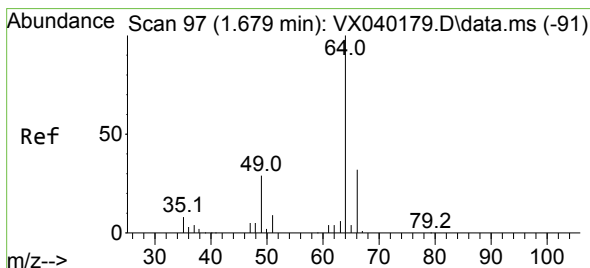
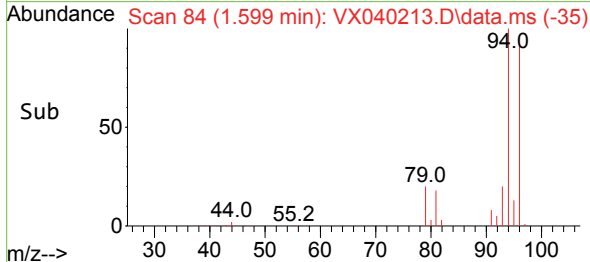
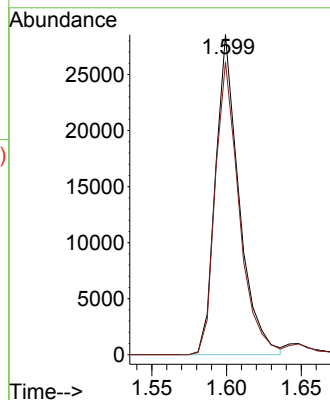
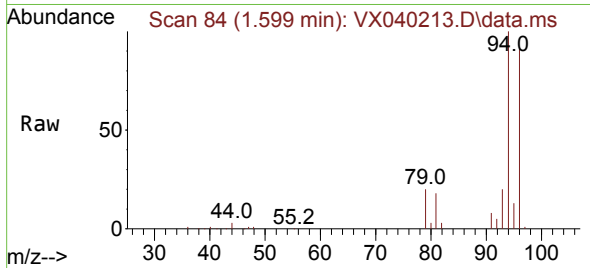




#5
Bromomethane
Concen: 59.058 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

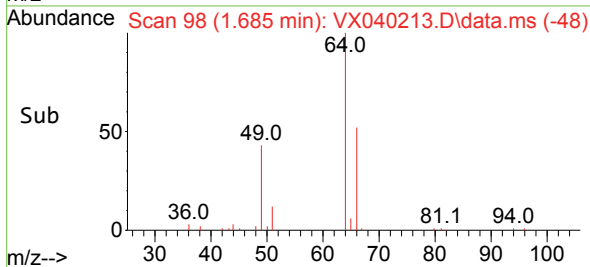
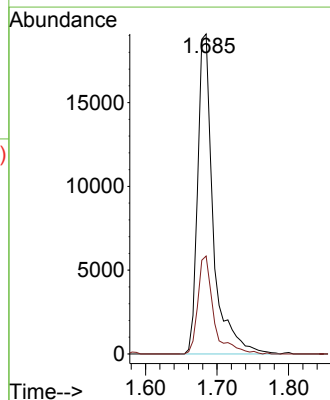
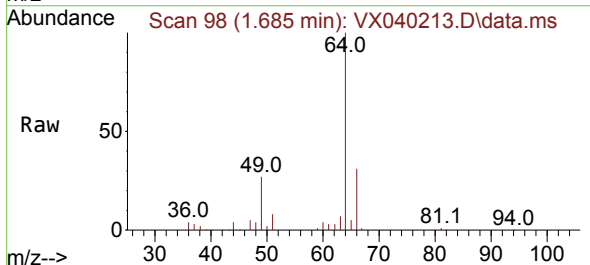
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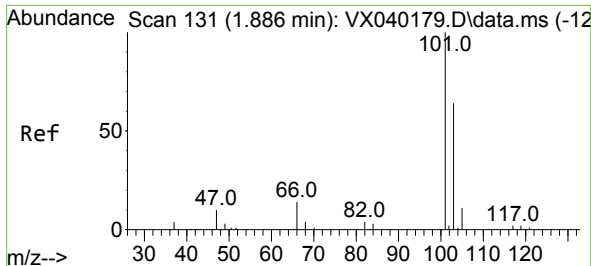
Tgt Ion: 94 Resp: 31299
Ion Ratio Lower Upper
94 100
96 91.6 74.6 111.8



#6
Chloroethane
Concen: 48.677 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 64 Resp: 28832
Ion Ratio Lower Upper
64 100
66 30.6 25.1 37.7

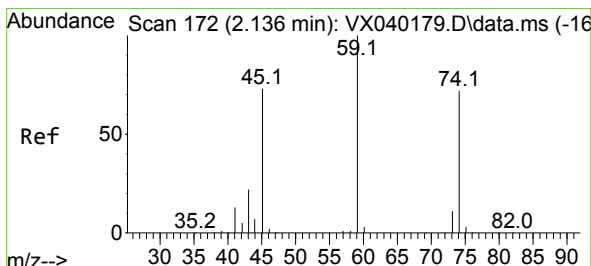
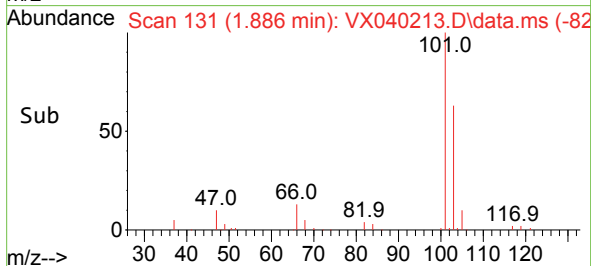
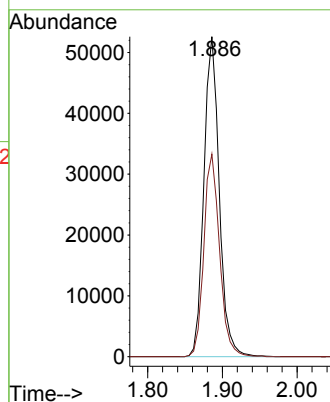
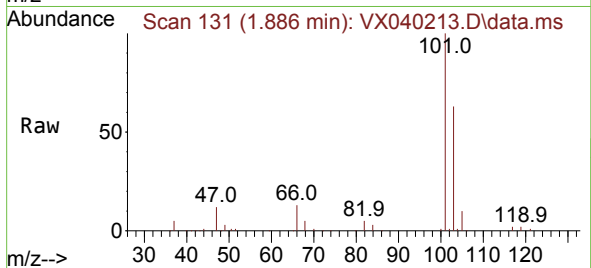




#7
Trichlorofluoromethane
Concen: 49.712 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

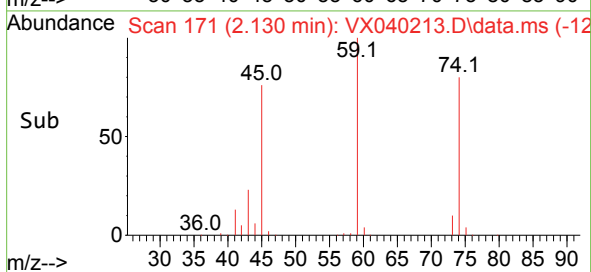
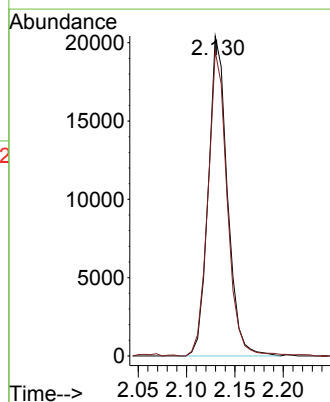
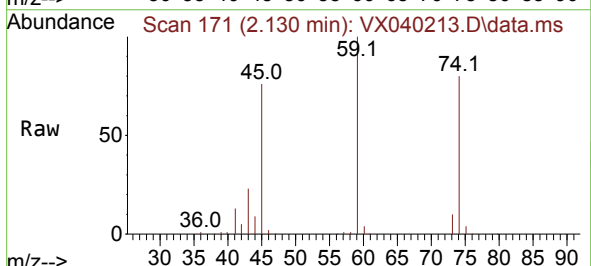
Instrument :
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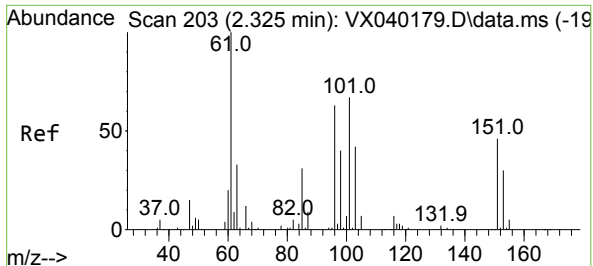
Tgt Ion:101 Resp: 74976
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.2



#8
Diethyl Ether
Concen: 49.509 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 74 Resp: 28050
Ion Ratio Lower Upper
74 100
45 96.7 53.3 159.8

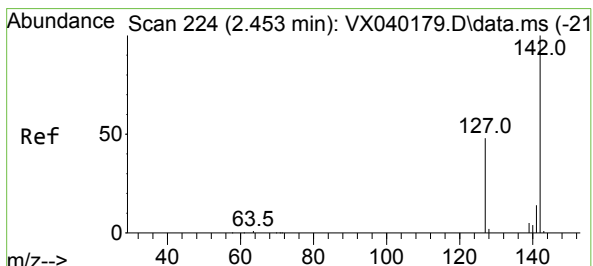
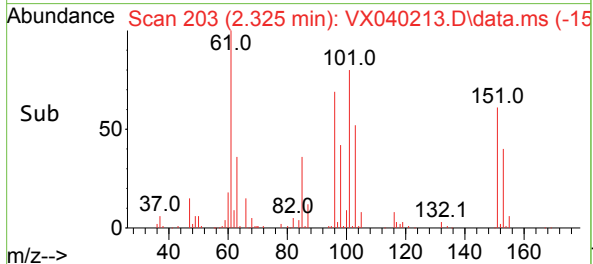
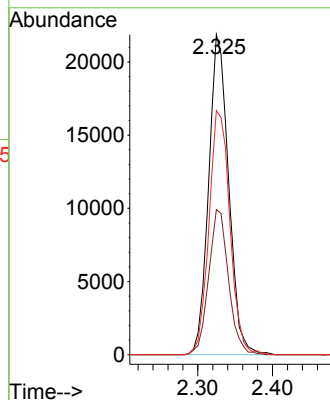
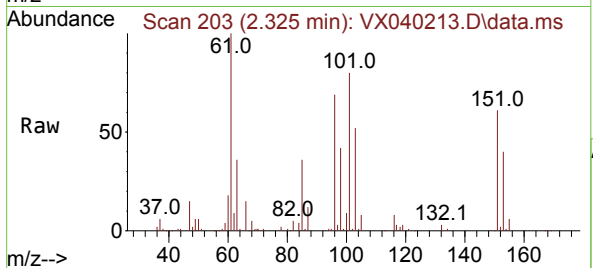




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.179 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

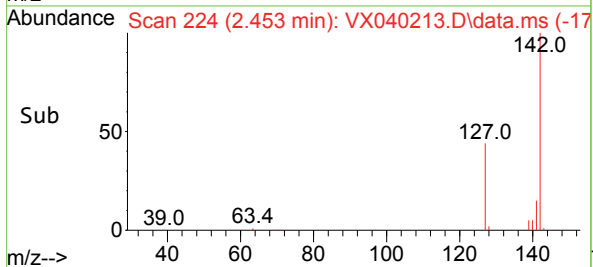
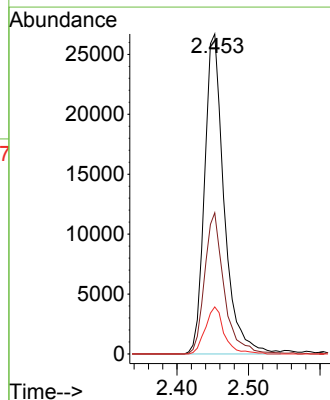
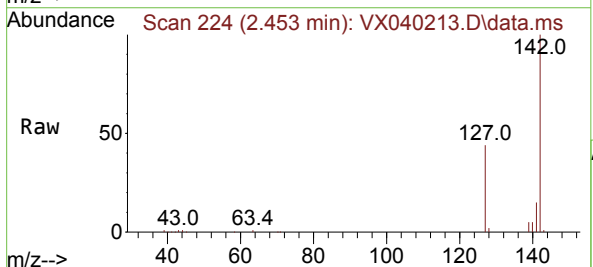
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

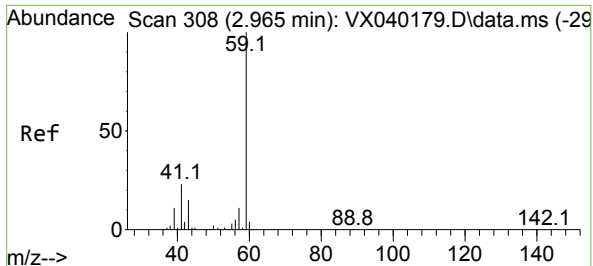
Tgt Ion:101 Resp: 40596
Ion Ratio Lower Upper
101 100
85 45.0 37.0 55.6
151 79.9 58.6 87.8



#10
Methyl Iodide
Concen: 56.436 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion:142 Resp: 50690
Ion Ratio Lower Upper
142 100
127 44.2 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 244.883 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

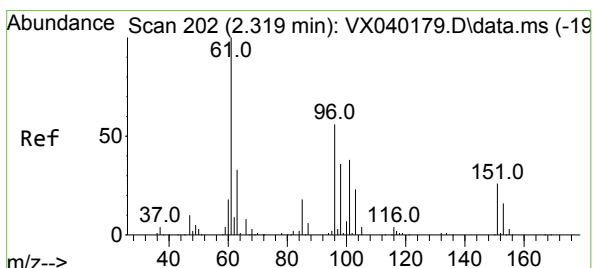
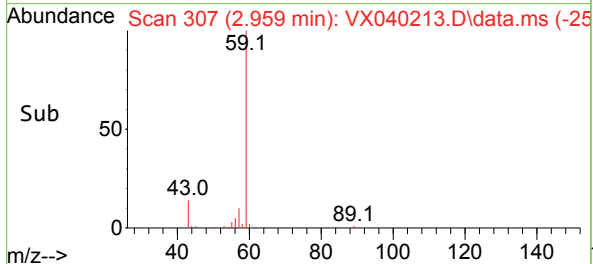
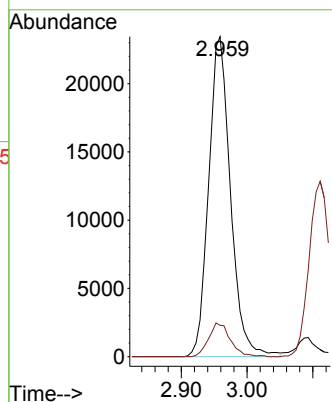
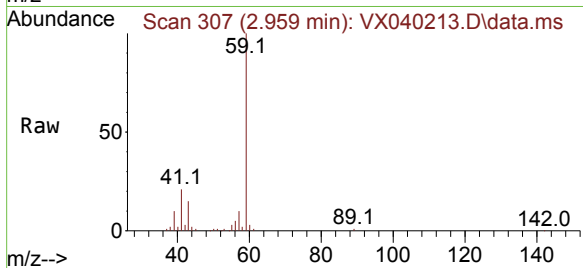
VSTDCCC050

Tgt Ion: 59 Resp: 54141

Ion Ratio Lower Upper

59 100

57 10.5 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 49.603 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

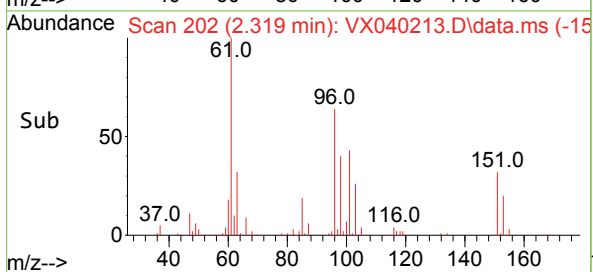
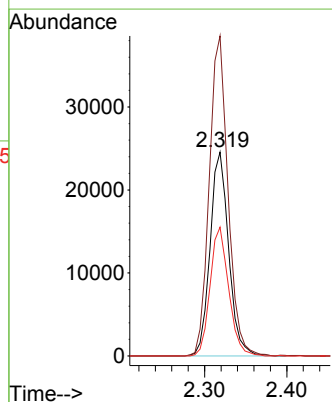
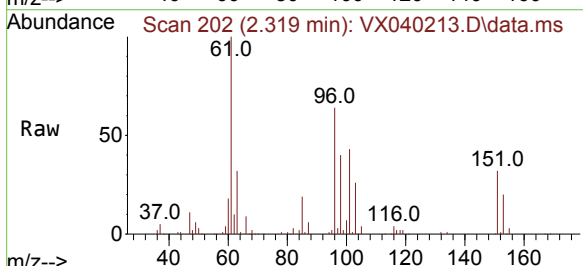
Tgt Ion: 96 Resp: 38638

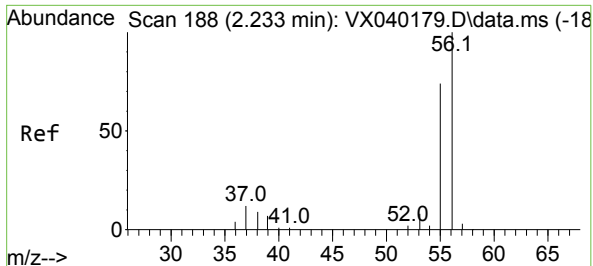
Ion Ratio Lower Upper

96 100

61 157.0 144.6 216.8

98 63.2 50.4 75.6





#13

Acrolein

Concen: 257.880 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

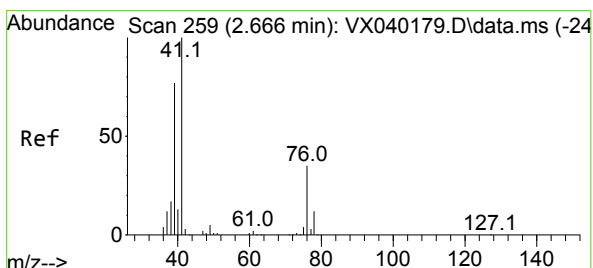
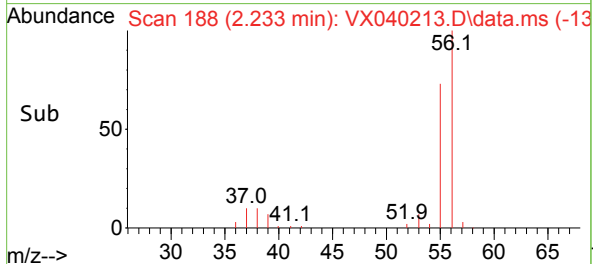
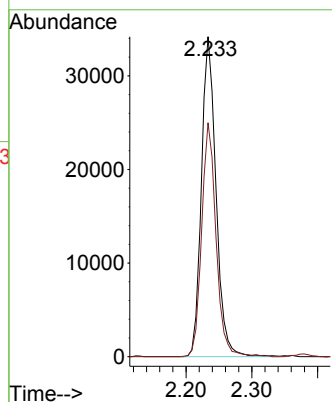
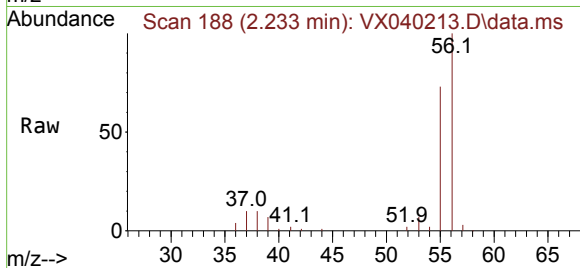
VSTDCCC050

Tgt Ion: 56 Resp: 52625

Ion Ratio Lower Upper

56 100

55 72.2 57.1 85.7



#14

Allyl chloride

Concen: 47.077 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

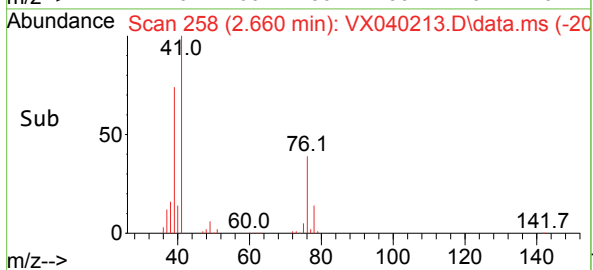
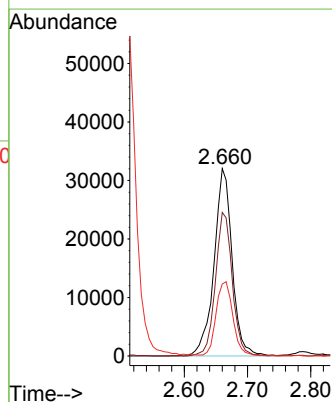
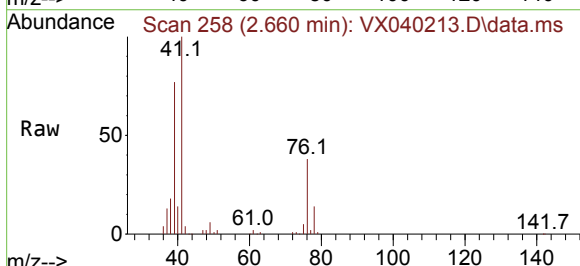
Tgt Ion: 41 Resp: 63638

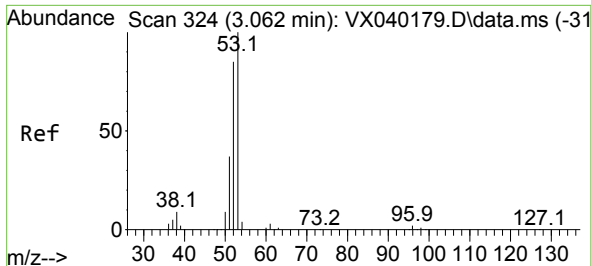
Ion Ratio Lower Upper

41 100

39 71.3 55.8 83.6

76 36.8 24.3 36.5#

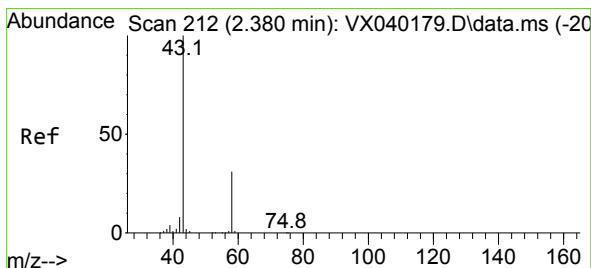
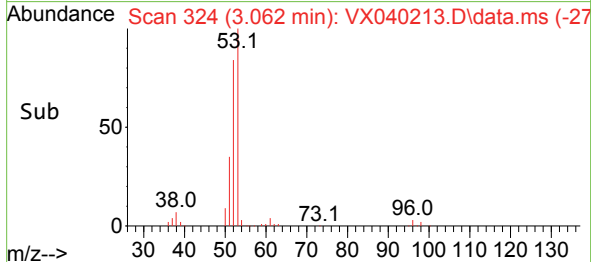
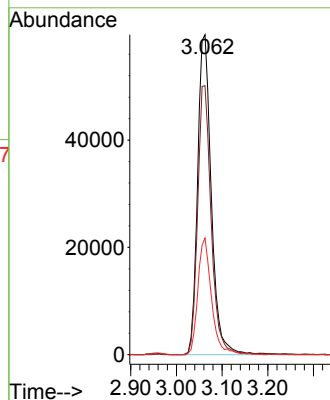
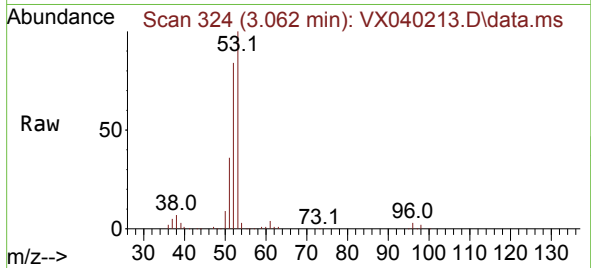




#15
Acrylonitrile
Concen: 251.484 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

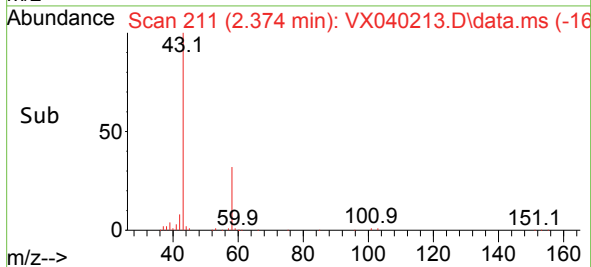
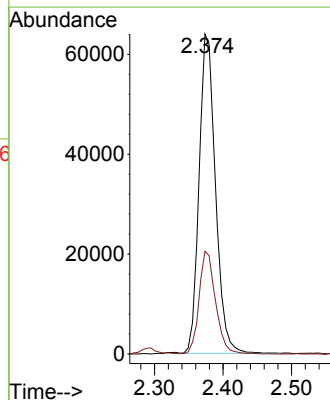
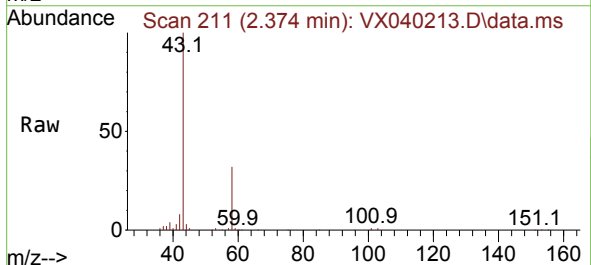
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

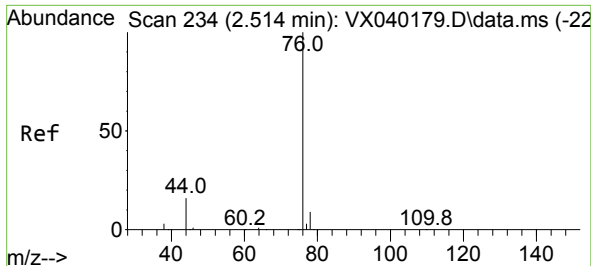
Tgt Ion: 53 Resp: 124405
Ion Ratio Lower Upper
53 100
52 82.6 66.0 99.0
51 36.3 29.8 44.6



#16
Acetone
Concen: 228.677 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 43 Resp: 106603
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9





#17

Carbon Disulfide

Concen: 48.285 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

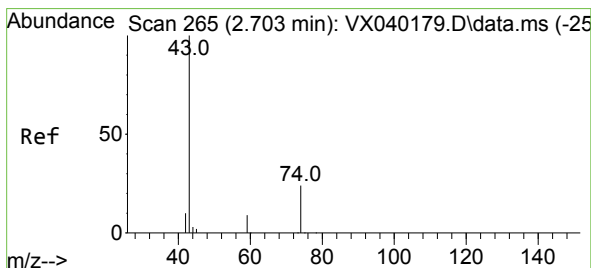
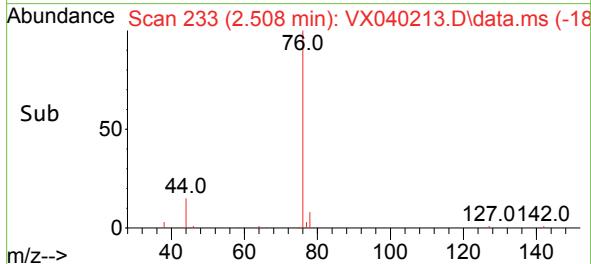
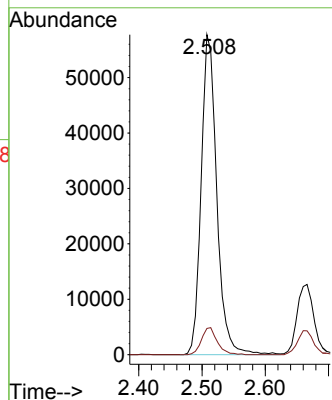
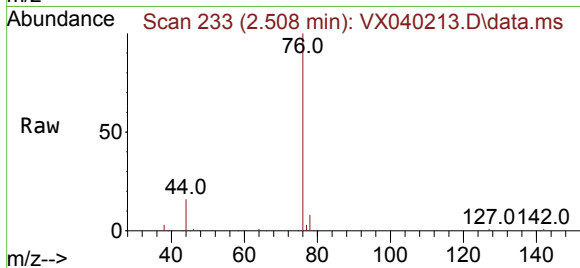
VSTDCCC050

Tgt Ion: 76 Resp: 99296

Ion Ratio Lower Upper

76 100

78 8.2 7.0 10.6



#18

Methyl Acetate

Concen: 41.416 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX040213.D

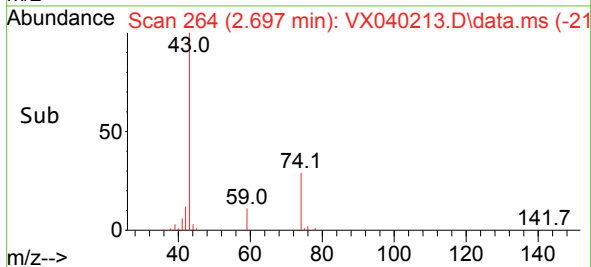
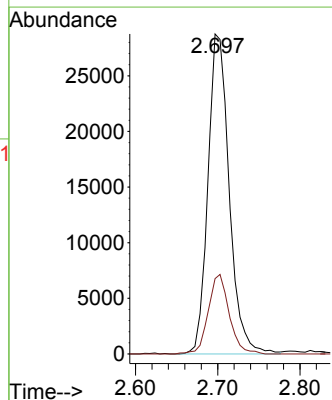
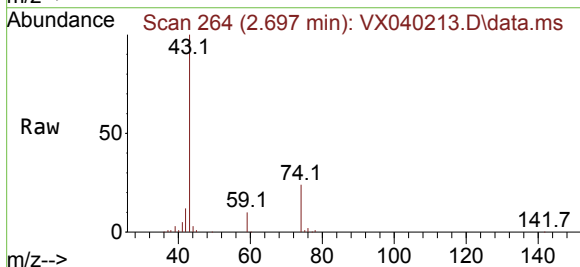
Acq: 14 Feb 2024 12:24

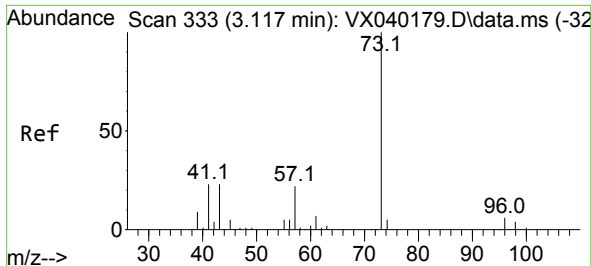
Tgt Ion: 43 Resp: 51757

Ion Ratio Lower Upper

43 100

74 24.5 17.8 26.8

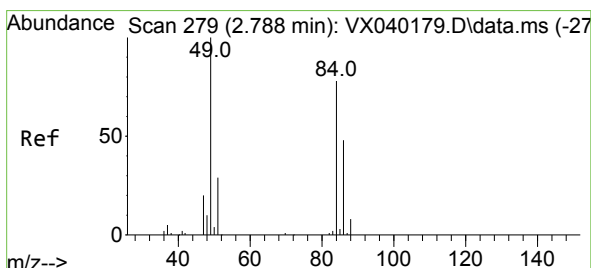
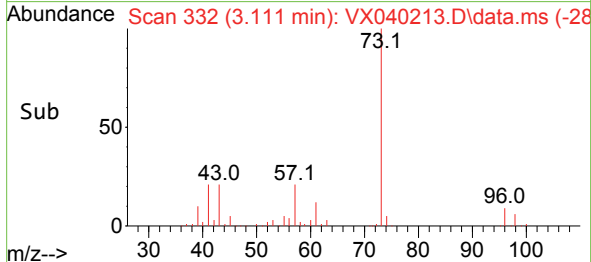
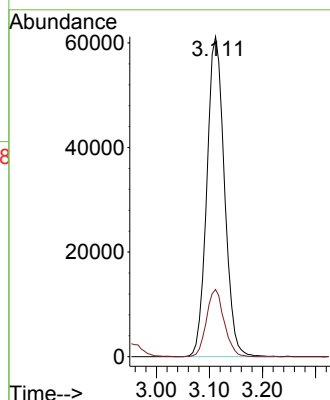
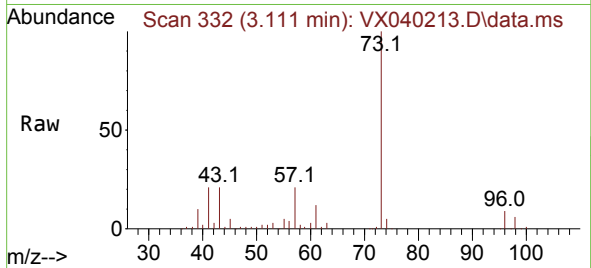




#19
Methyl tert-butyl Ether
Concen: 51.327 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

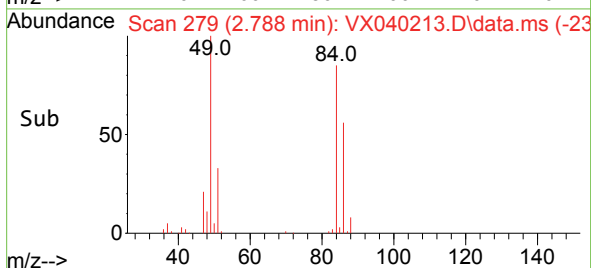
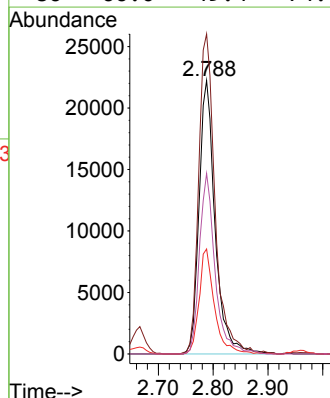
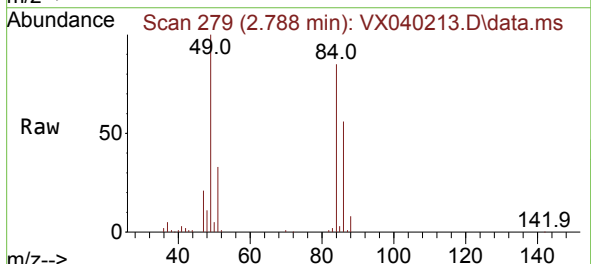
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

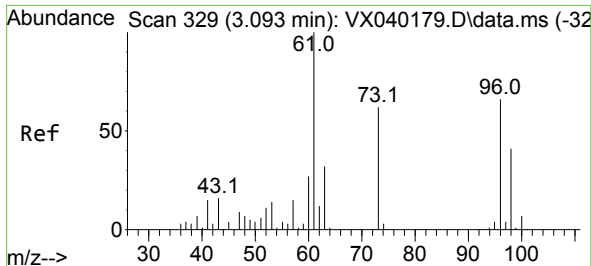
Tgt Ion: 73 Resp: 140852
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 51.887 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 84 Resp: 45293
Ion Ratio Lower Upper
84 100
49 117.1 103.6 155.4
51 38.4 33.8 50.6
86 66.0 49.4 74.0

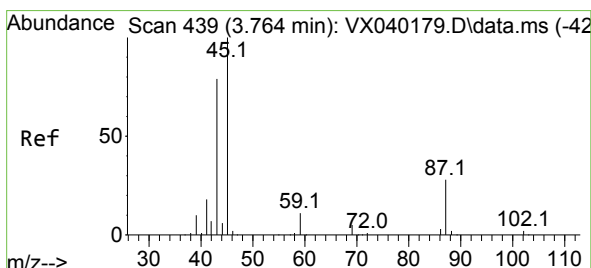
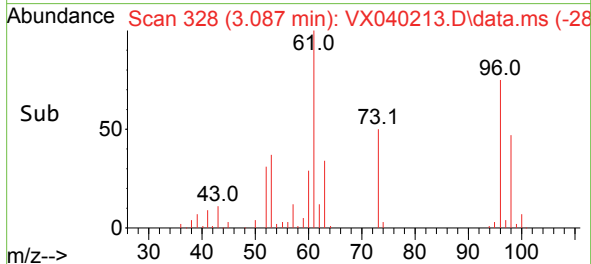
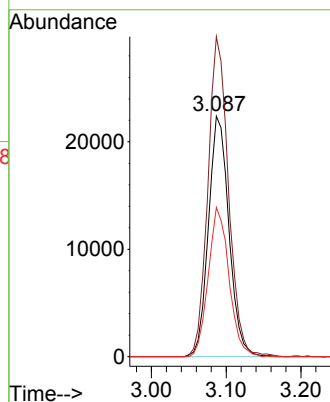
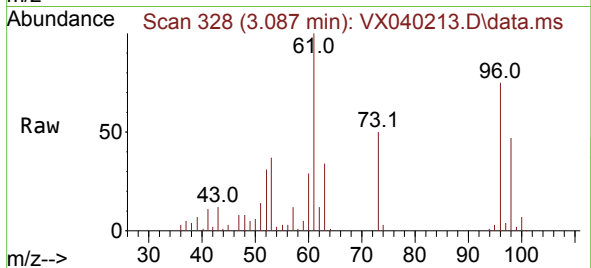




#21
trans-1,2-Dichloroethene
Concen: 48.181 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

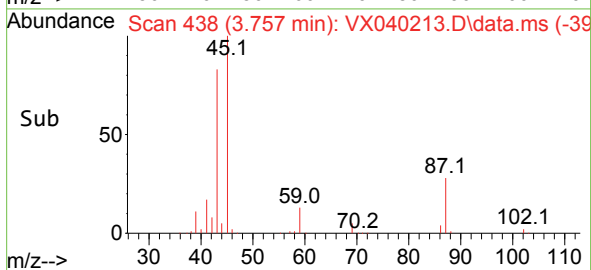
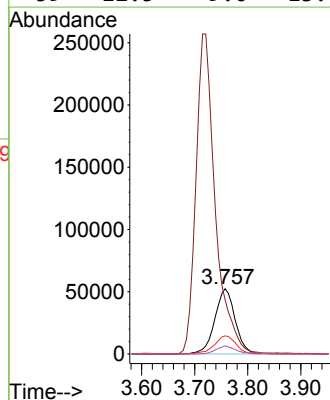
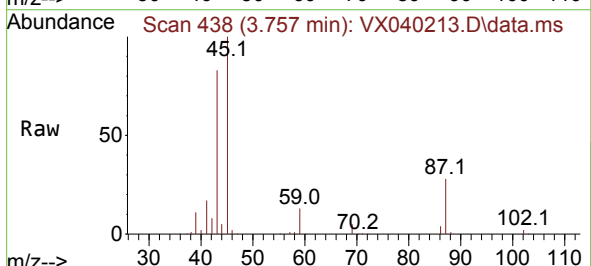
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

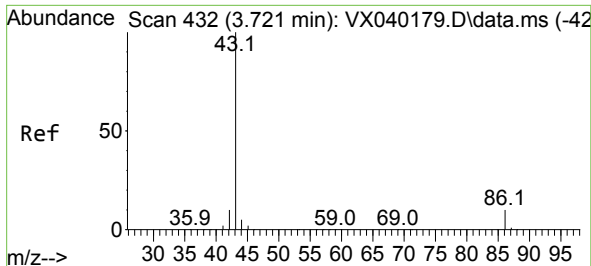
Tgt Ion: 96 Resp: 42743
Ion Ratio Lower Upper
96 100
61 133.1 119.2 178.8
98 62.1 48.7 73.1



#22
Diisopropyl ether
Concen: 50.905 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 45 Resp: 139554
Ion Ratio Lower Upper
45 100
43 81.3 69.7 104.5
87 27.8 20.8 31.2
59 12.5 9.0 13.4

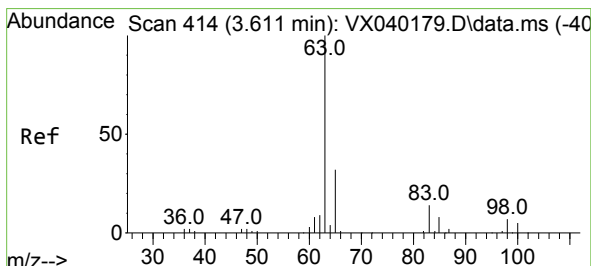
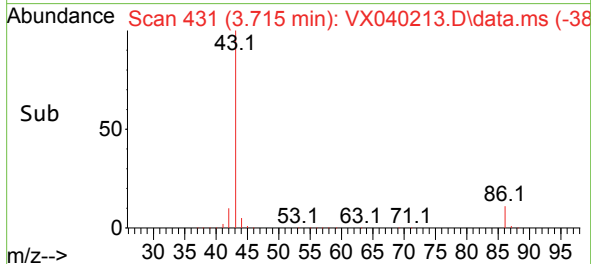
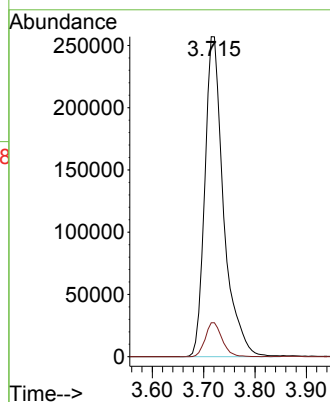
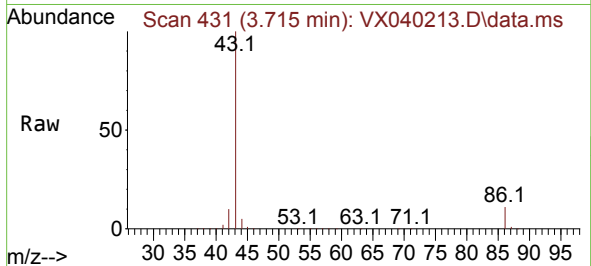




#23
 Vinyl Acetate
 Concen: 266.735 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX040213.D
 Acq: 14 Feb 2024 12:24

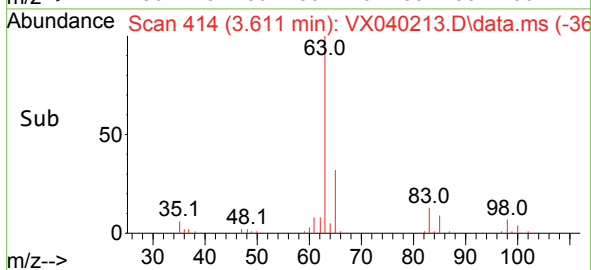
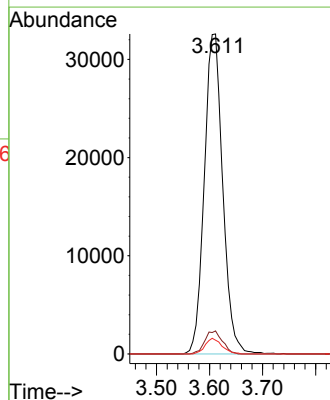
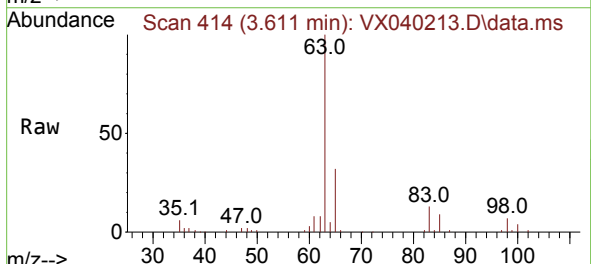
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

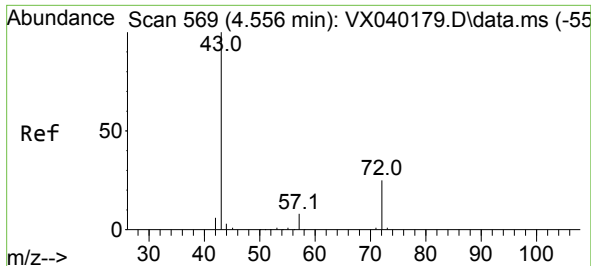
Tgt Ion: 43 Resp: 651878
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 49.350 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040213.D
 Acq: 14 Feb 2024 12:24

Tgt Ion: 63 Resp: 78809
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 4.3 2.1 6.5

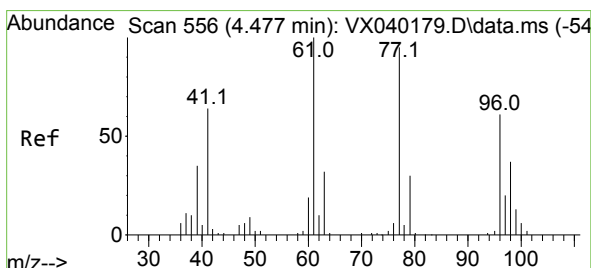
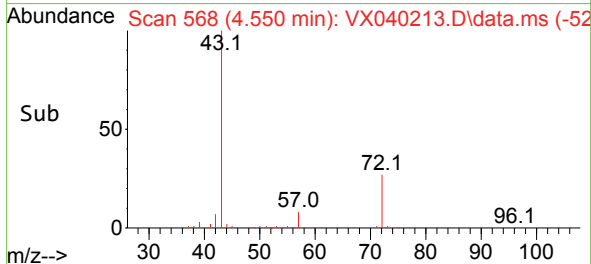
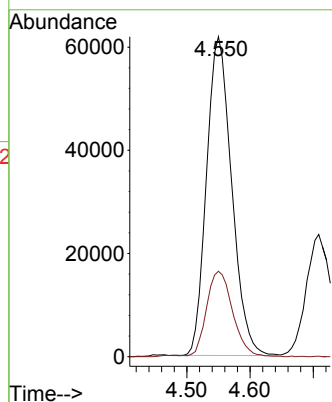
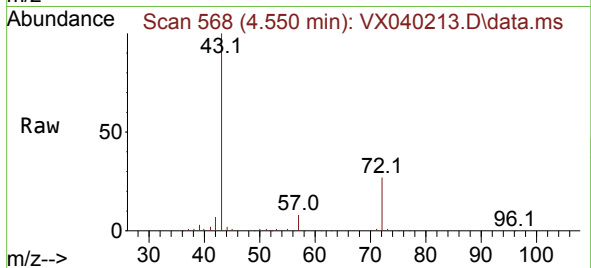




#25
2-Butanone
Concen: 234.016 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

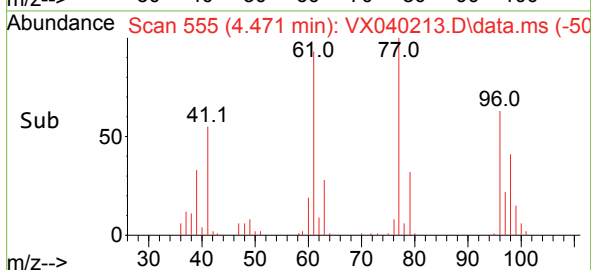
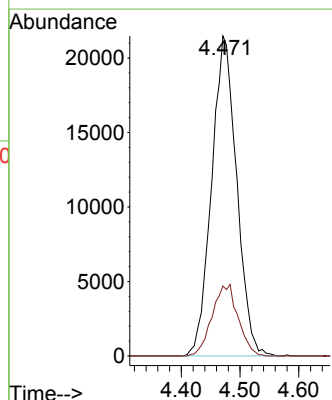
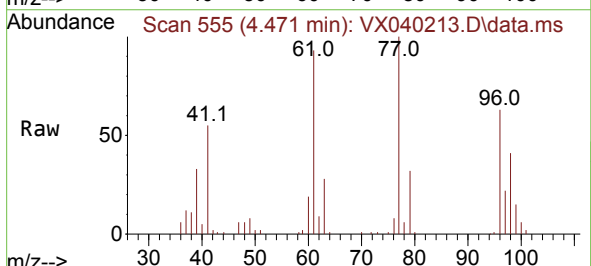
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

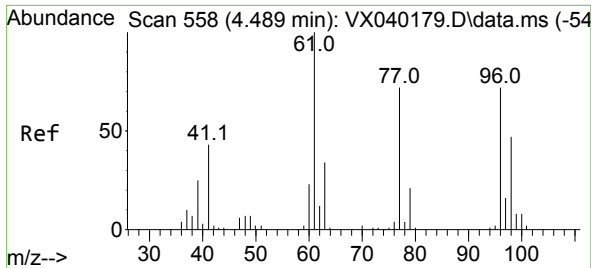
Tgt Ion: 43 Resp: 170525
Ion Ratio Lower Upper
43 100
72 26.6 19.4 29.2



#26
2,2-Dichloropropane
Concen: 51.741 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 77 Resp: 63605
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.115 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

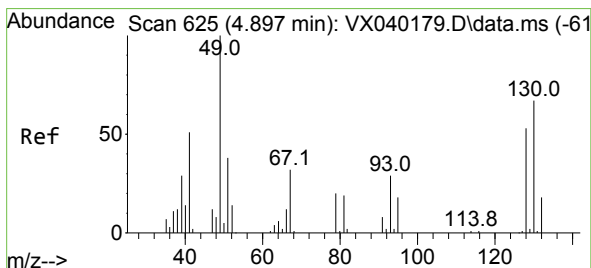
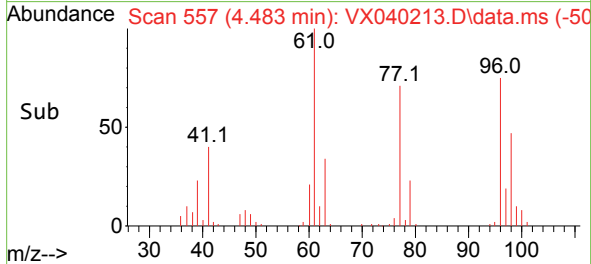
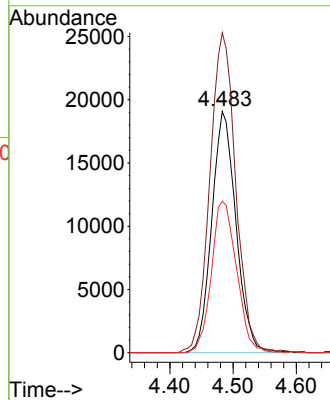
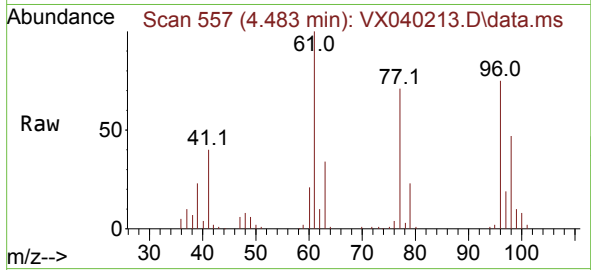
Tgt Ion: 96 Resp: 50718

Ion Ratio Lower Upper

96 100

61 140.9 0.0 312.2

98 65.1 0.0 129.0



#28

Bromochloromethane

Concen: 53.286 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

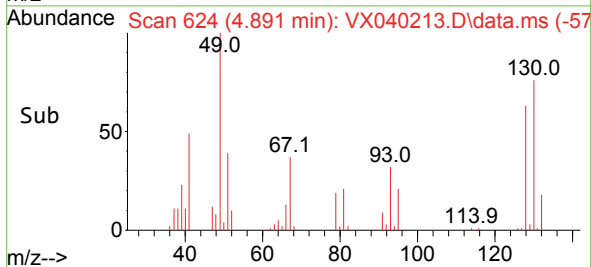
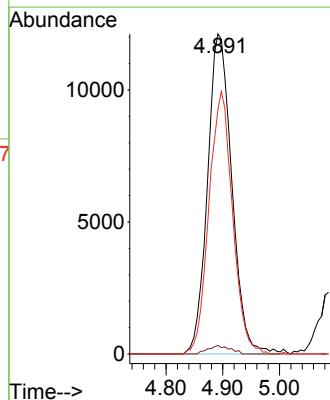
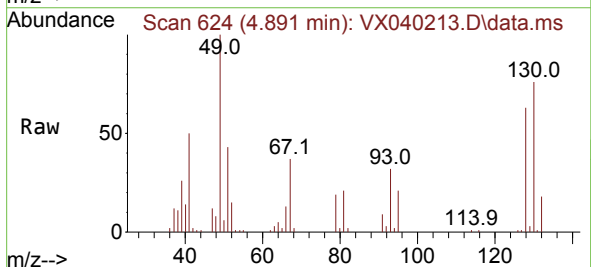
Tgt Ion: 49 Resp: 36128

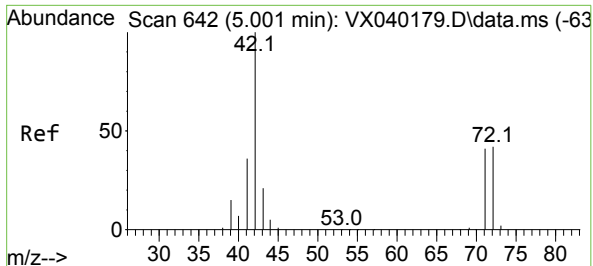
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

130 79.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 237.296 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.012 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

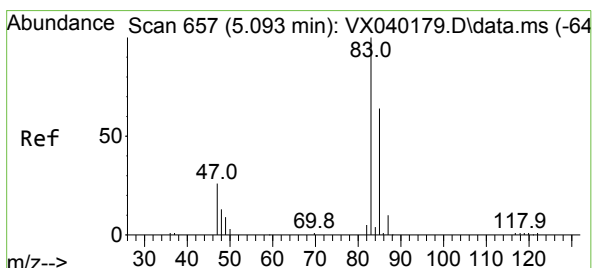
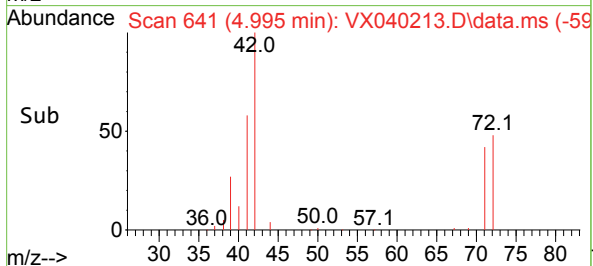
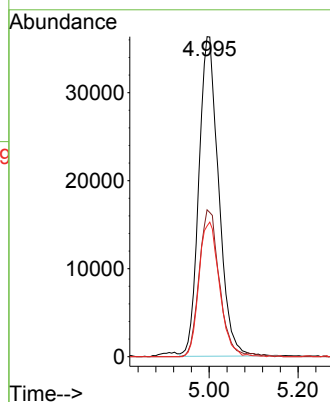
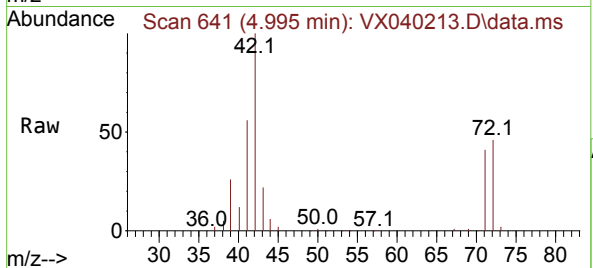
Tgt Ion: 42 Resp: 112653

Ion Ratio Lower Upper

42 100

72 46.6 34.2 51.4

71 43.8 32.2 48.2



#30

Chloroform

Concen: 49.906 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX040213.D

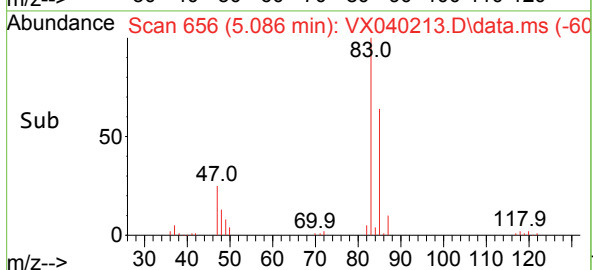
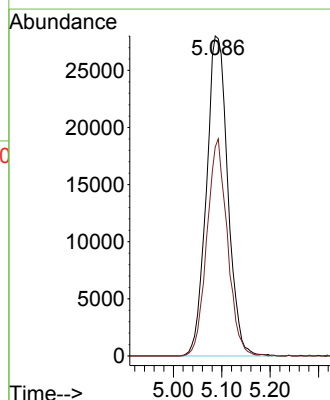
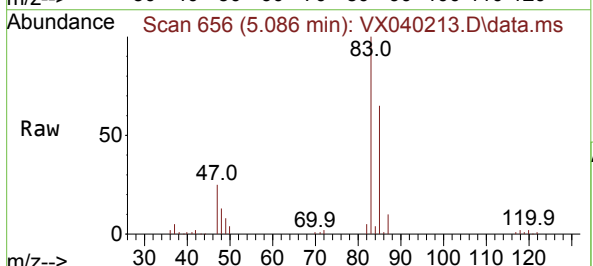
Acq: 14 Feb 2024 12:24

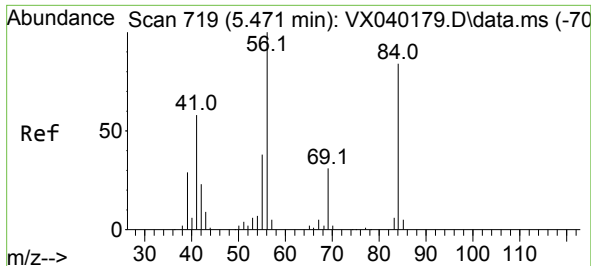
Tgt Ion: 83 Resp: 86166

Ion Ratio Lower Upper

83 100

85 65.3 50.3 75.5

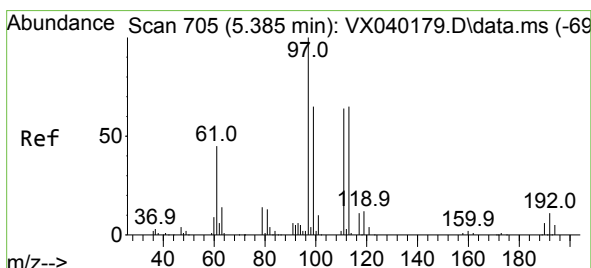
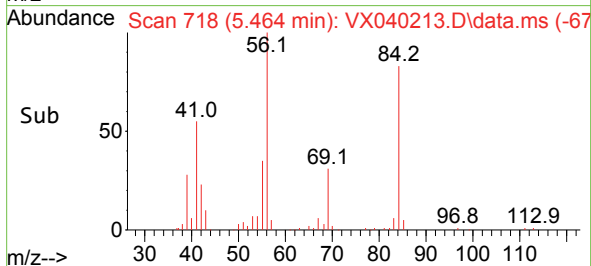
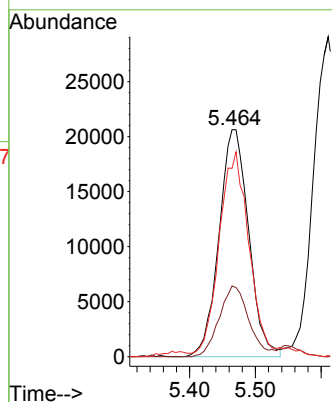
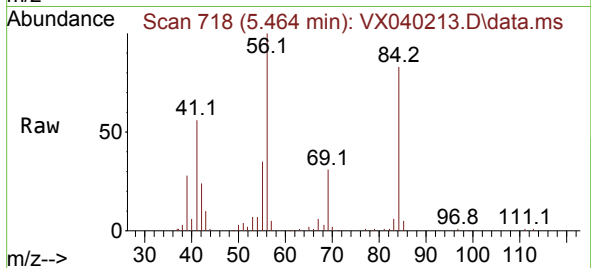




#31
Cyclohexane
Concen: 47.813 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

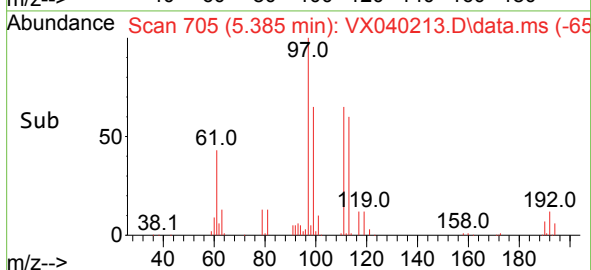
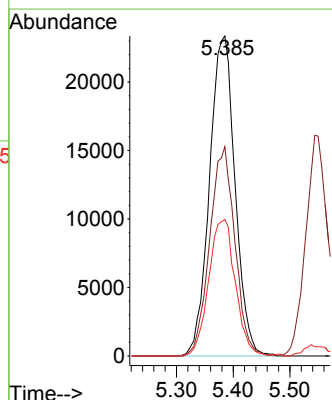
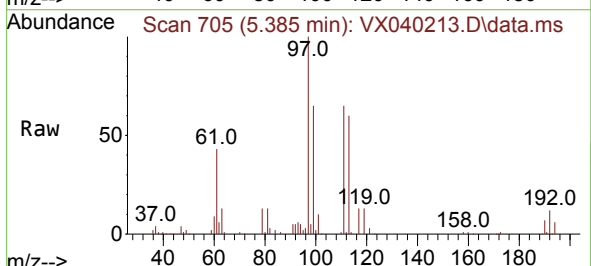
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

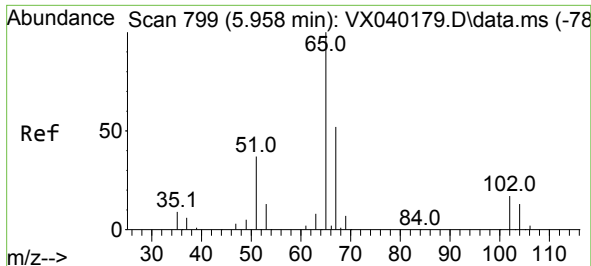
Tgt Ion: 56 Resp: 64732
Ion Ratio Lower Upper
56 100
69 31.1 23.4 35.2
84 80.6 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 50.381 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 97 Resp: 73179
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 44.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.788 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

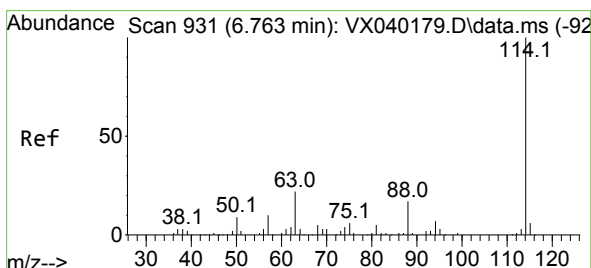
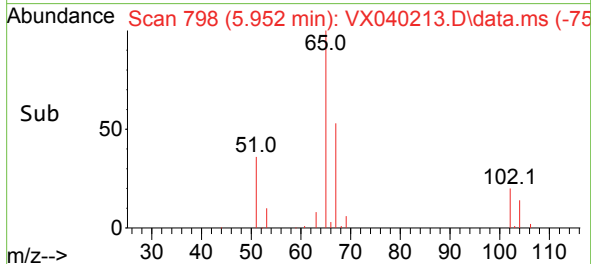
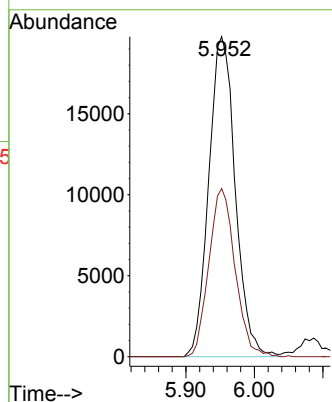
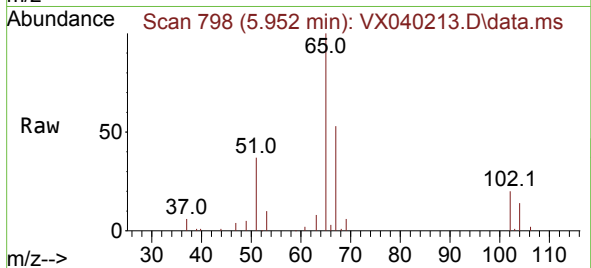
VSTDCCC050

Tgt Ion: 65 Resp: 53106

Ion Ratio Lower Upper

65 100

67 51.9 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: VX040213.D

Acq: 14 Feb 2024 12:24

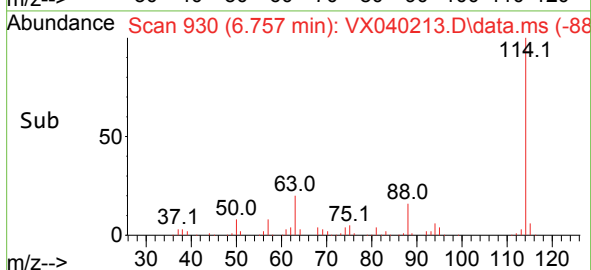
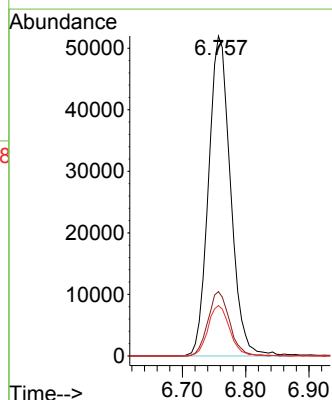
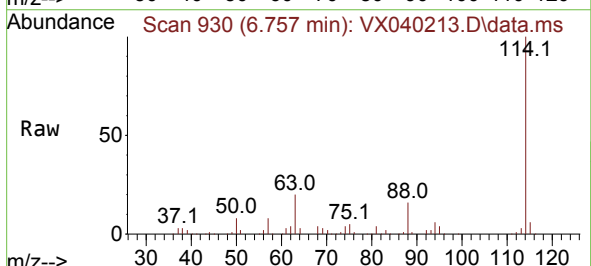
Tgt Ion: 114 Resp: 125533

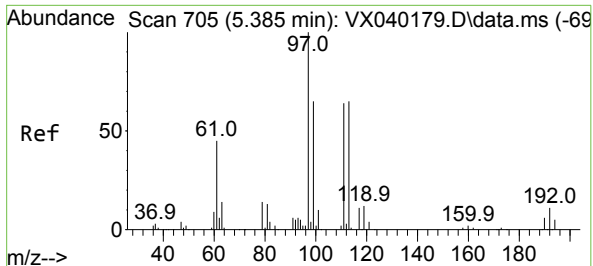
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

88 15.7 0.0 36.6

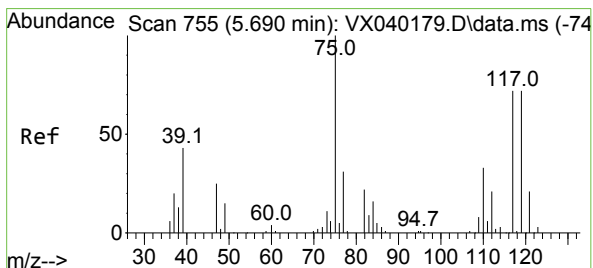
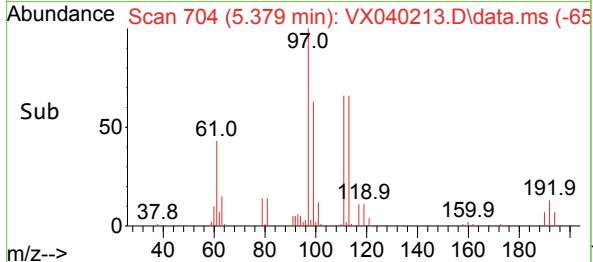
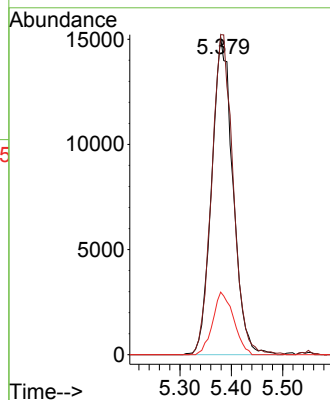
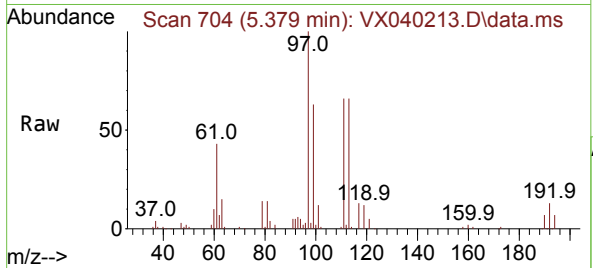




#35
Dibromofluoromethane
Concen: 49.494 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

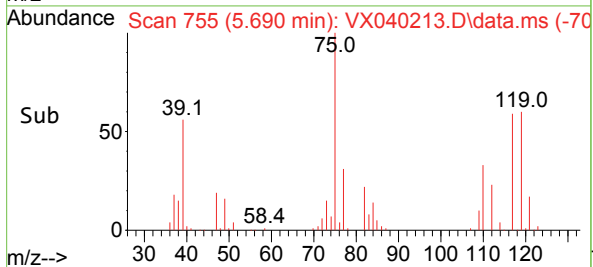
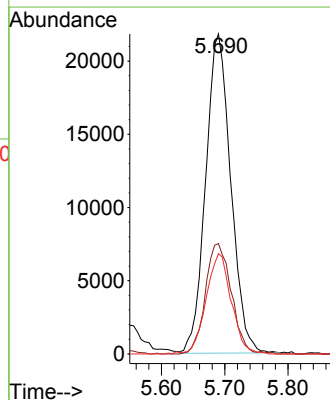
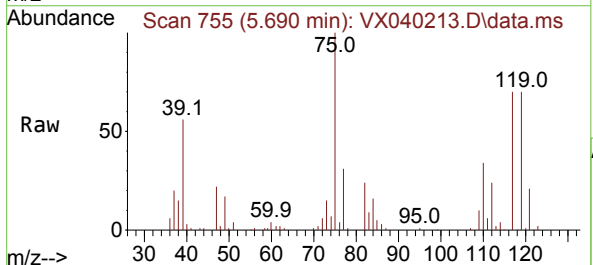
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

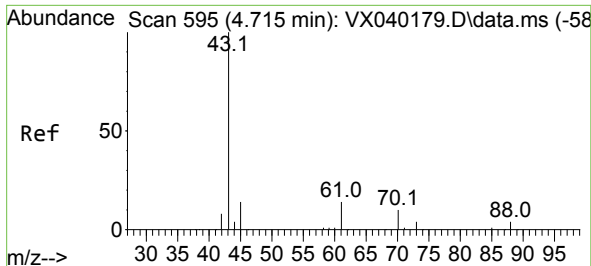
Tgt Ion:113 Resp: 43389
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 19.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 49.032 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 75 Resp: 60213
Ion Ratio Lower Upper
75 100
110 35.7 17.0 50.9
77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 49.639 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.012 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

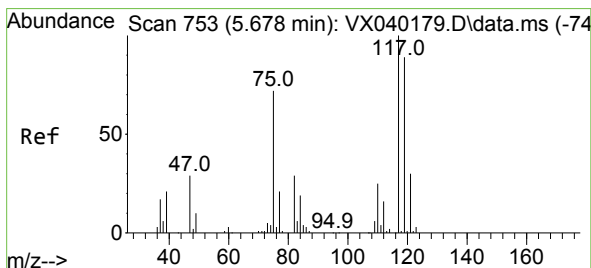
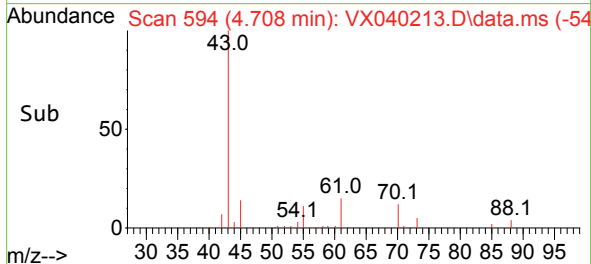
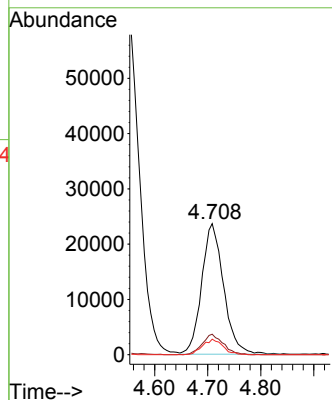
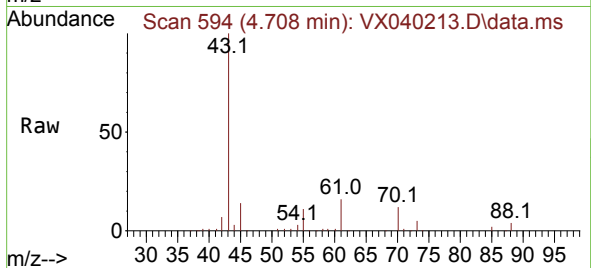
Tgt Ion: 43 Resp: 67829

Ion Ratio Lower Upper

43 100

61 14.9 10.6 16.0

70 11.0 8.3 12.5



#38

Carbon Tetrachloride

Concen: 51.975 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

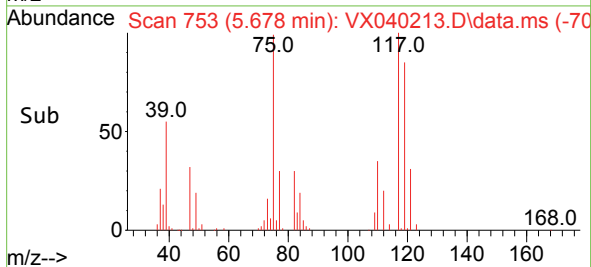
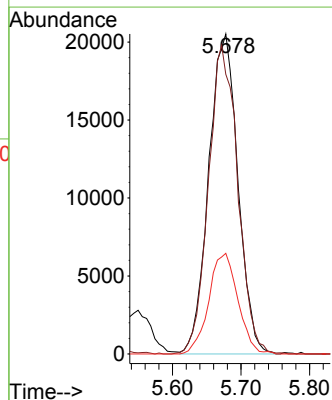
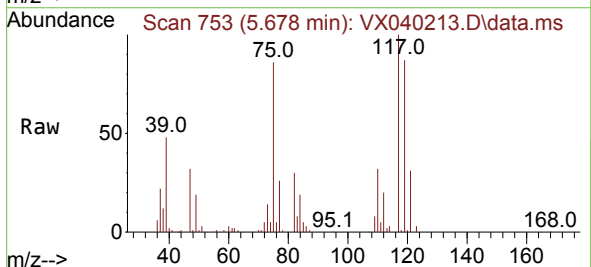
Tgt Ion:117 Resp: 60687

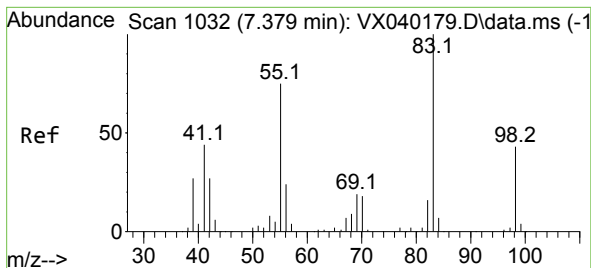
Ion Ratio Lower Upper

117 100

119 87.0 78.2 117.2

121 31.4 24.4 36.6





#39

Methylcyclohexane

Concen: 50.088 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

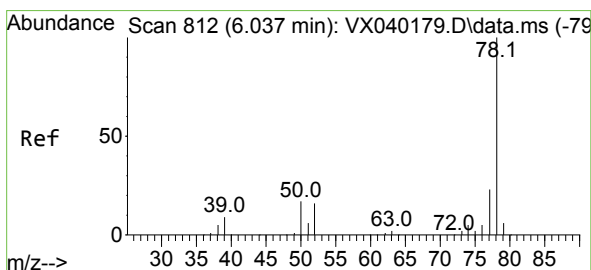
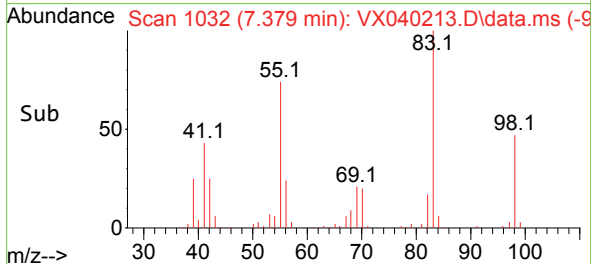
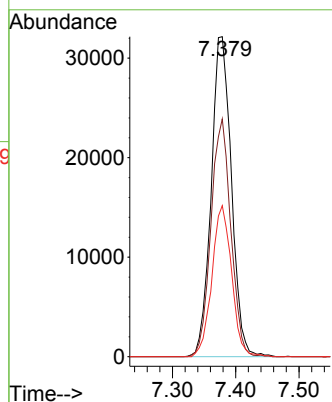
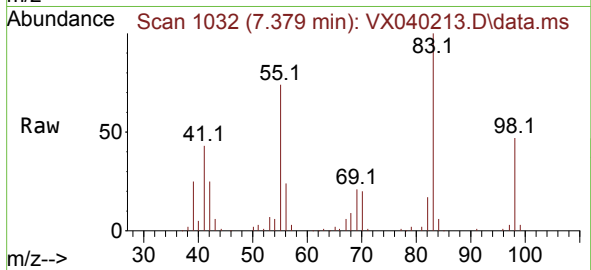
Tgt Ion: 83 Resp: 71483

Ion Ratio Lower Upper

83 100

55 74.3 64.6 97.0

98 47.2 36.7 55.1



#40

Benzene

Concen: 51.348 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX040213.D

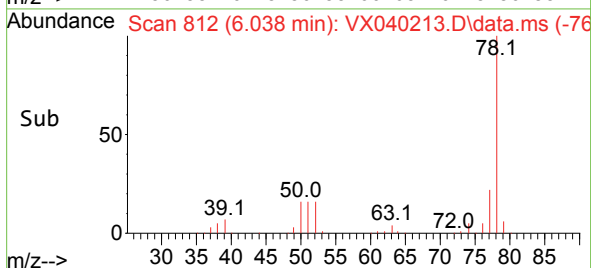
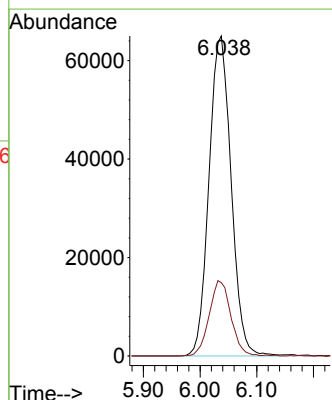
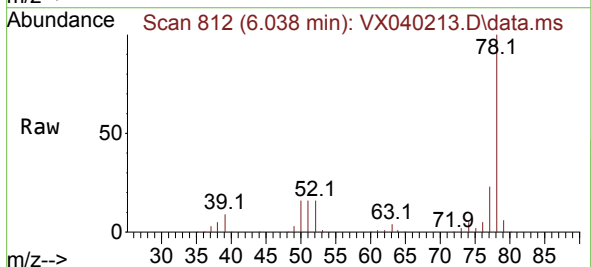
Acq: 14 Feb 2024 12:24

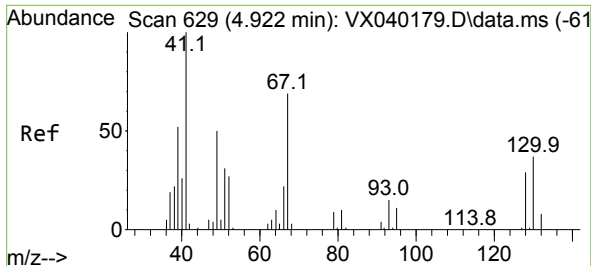
Tgt Ion: 78 Resp: 176339

Ion Ratio Lower Upper

78 100

77 22.9 19.3 28.9

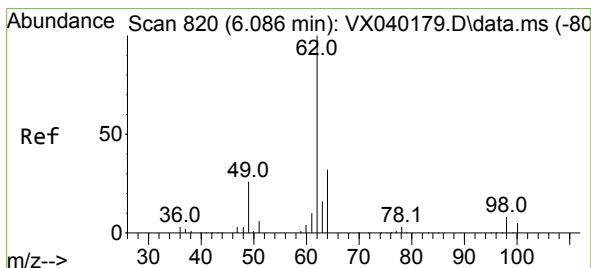
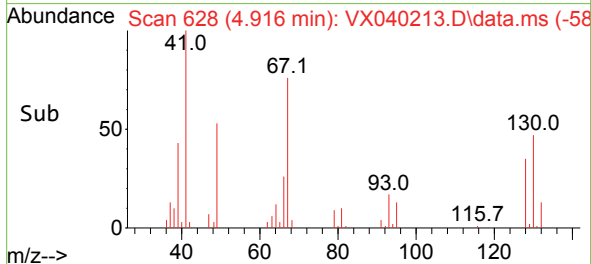
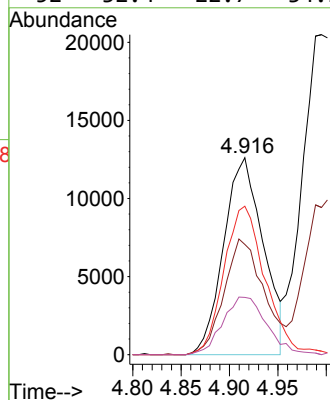
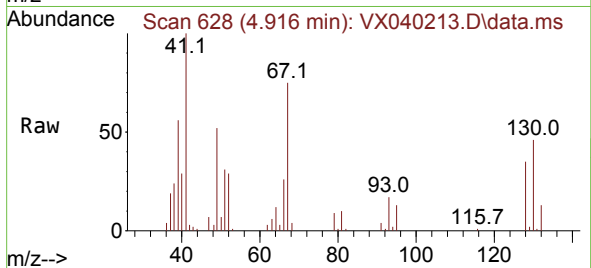




#41
Methacrylonitrile
Concen: 49.572 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

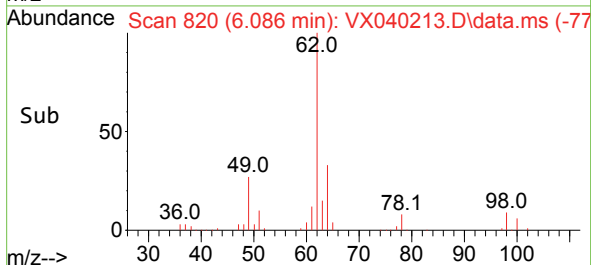
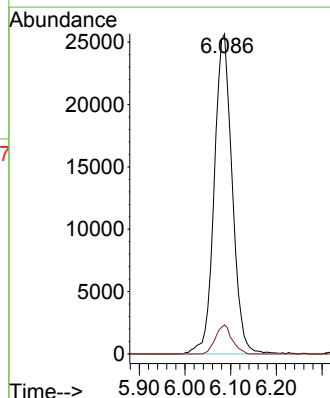
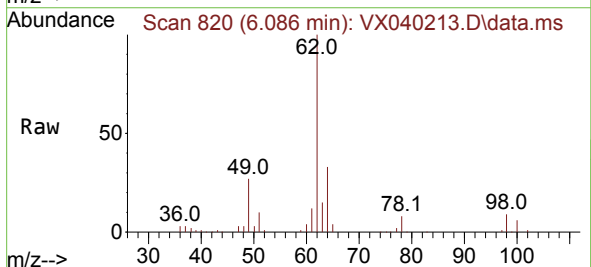
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

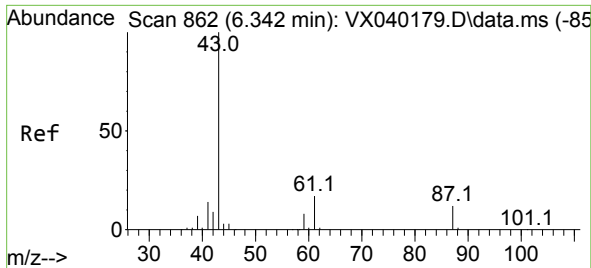
Tgt Ion:	41	Resp:	35909
Ion	Ratio	Lower	Upper
41	100		
39	59.8	45.2	67.8
67	78.8	52.6	78.8
52	32.4	22.7	34.1



#42
1,2-Dichloroethane
Concen: 52.033 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion:	62	Resp:	69845
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.0





#43

Isopropyl Acetate

Concen: 51.974 ug/l

RT: 6.336 min Scan# 8

Delta R.T. -0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

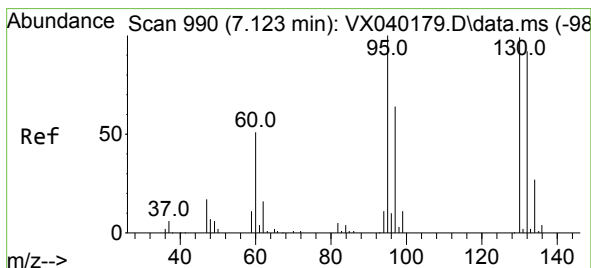
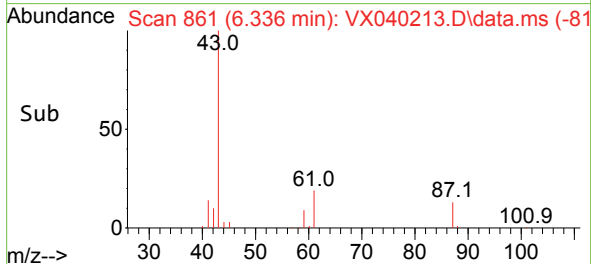
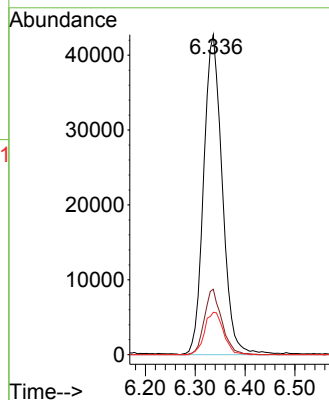
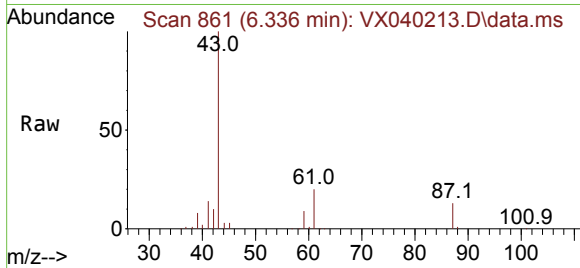
Tgt Ion: 43 Resp: 110866

Ion Ratio Lower Upper

43 100

61 19.2 15.2 22.8

87 13.5 9.8 14.6



#44

Trichloroethene

Concen: 50.419 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX040213.D

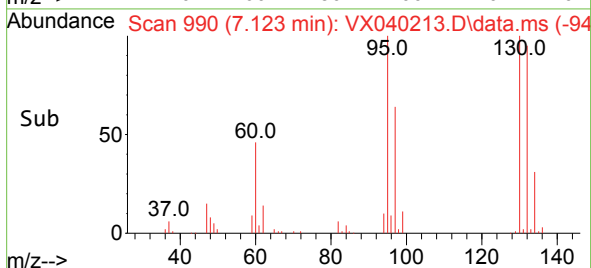
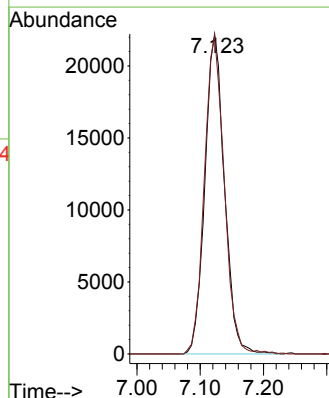
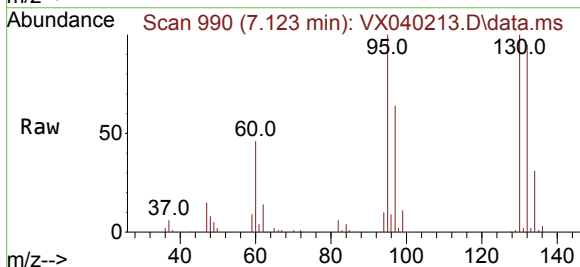
Acq: 14 Feb 2024 12:24

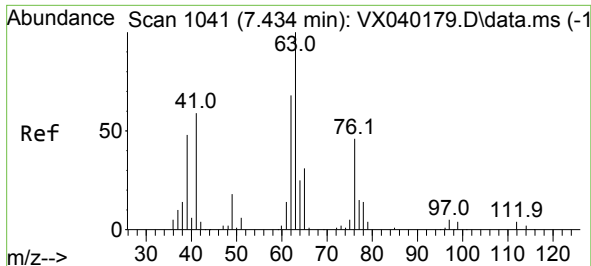
Tgt Ion:130 Resp: 47761

Ion Ratio Lower Upper

130 100

95 99.6 0.0 204.4

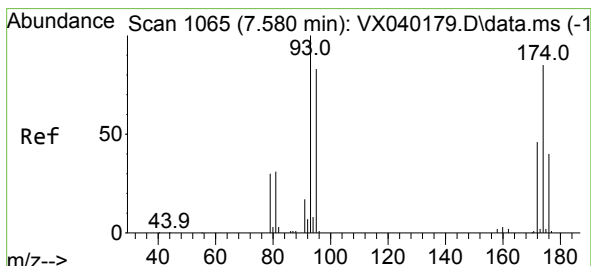
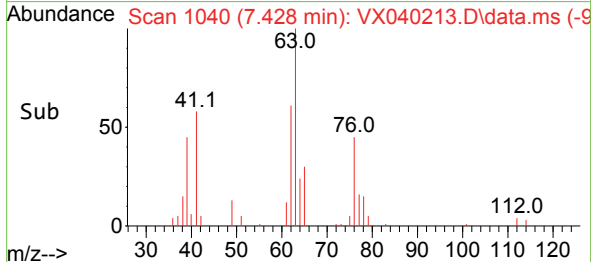
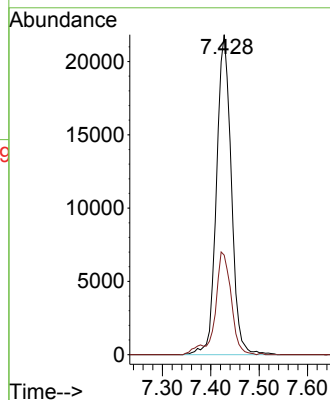
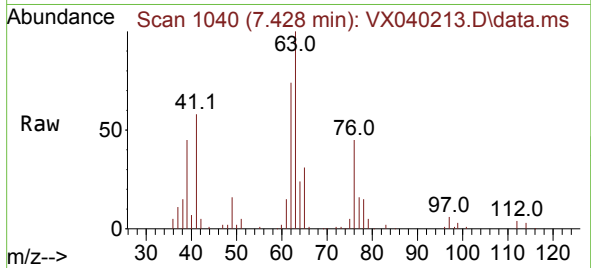




#45
1,2-Dichloropropane
Concen: 51.902 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

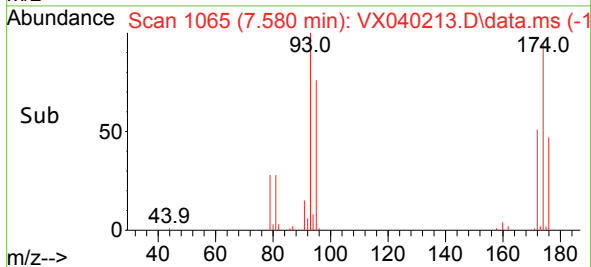
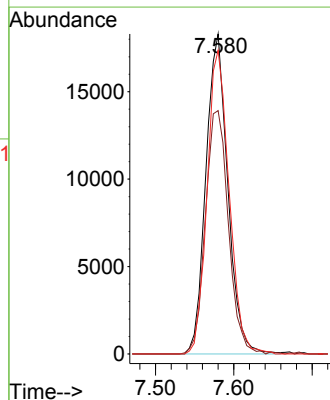
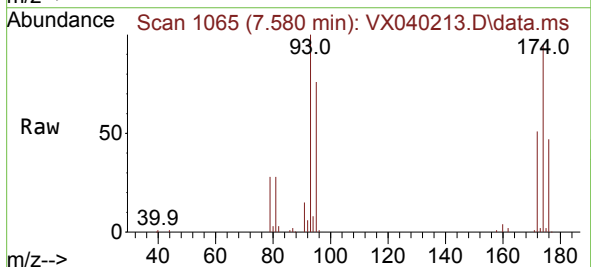
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

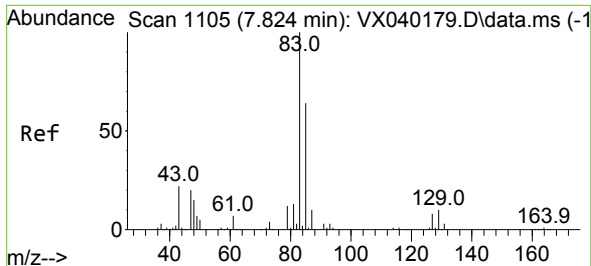
Tgt Ion: 63 Resp: 46393
Ion Ratio Lower Upper
63 100
65 31.1 24.3 36.5



#46
Dibromomethane
Concen: 53.977 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 93 Resp: 35534
Ion Ratio Lower Upper
93 100
95 79.7 66.6 100.0
174 95.3 69.4 104.0

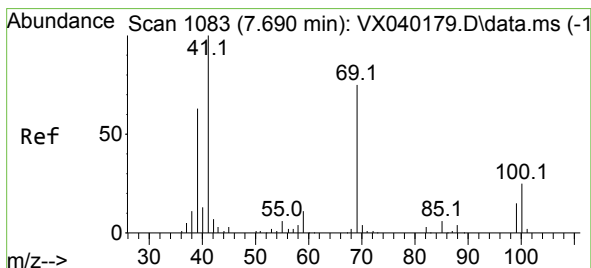
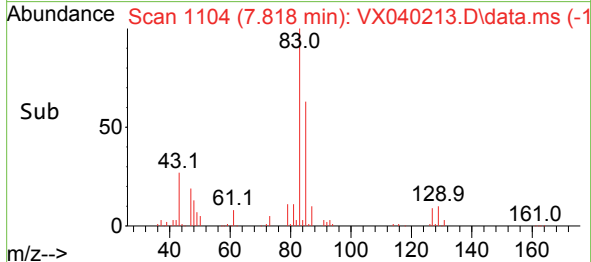
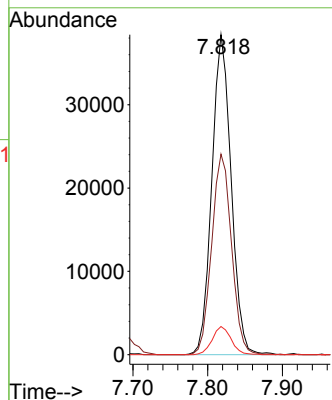
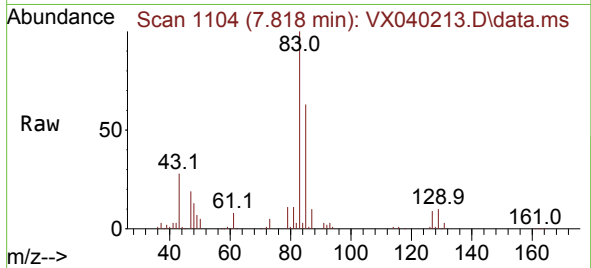




#47
Bromodichloromethane
Concen: 54.282 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

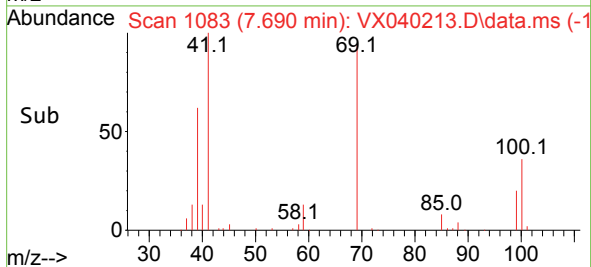
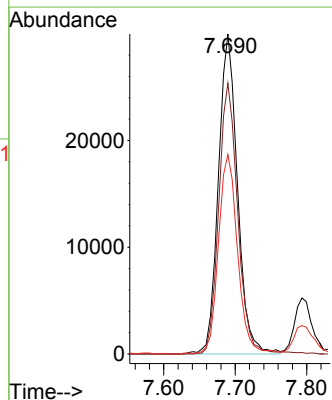
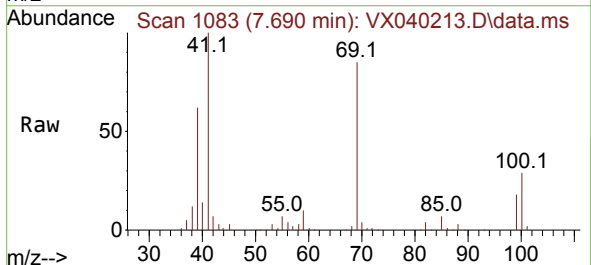
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

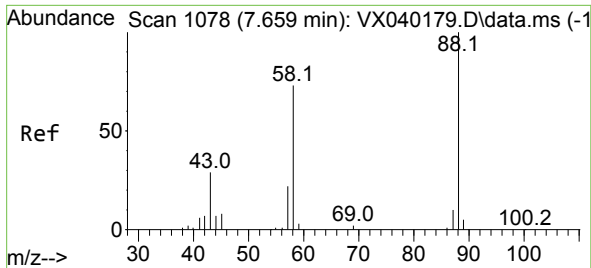
Tgt Ion: 83 Resp: 68854
Ion Ratio Lower Upper
83 100
85 62.7 49.8 74.6
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 50.896 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 41 Resp: 55551
Ion Ratio Lower Upper
41 100
69 84.5 59.2 88.8
39 62.6 47.7 71.5

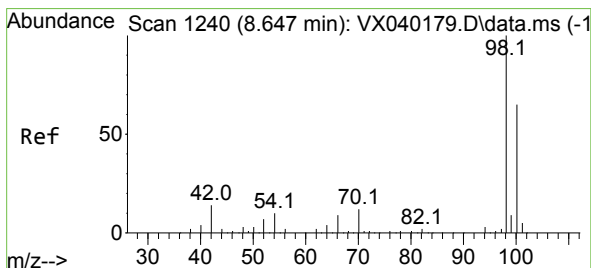
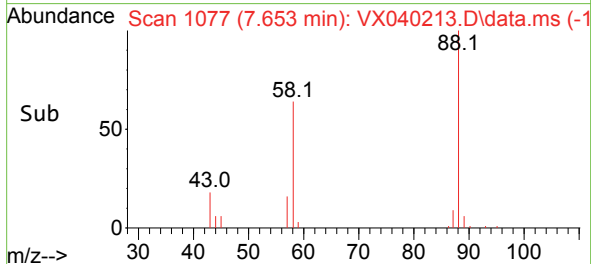
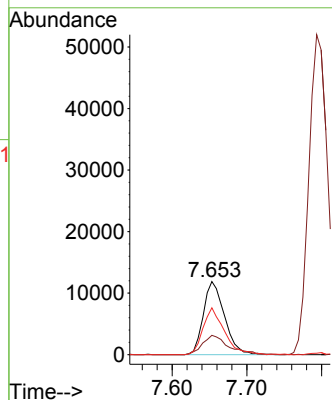
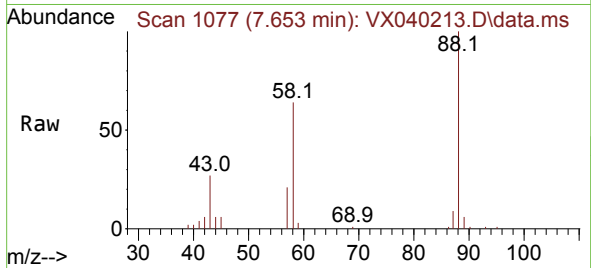




#49
1,4-Dioxane
Concen: 981.875 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

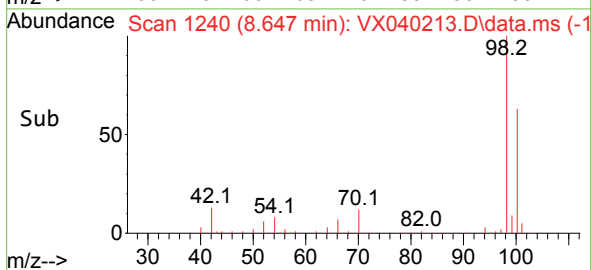
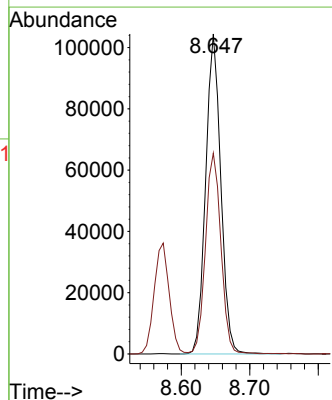
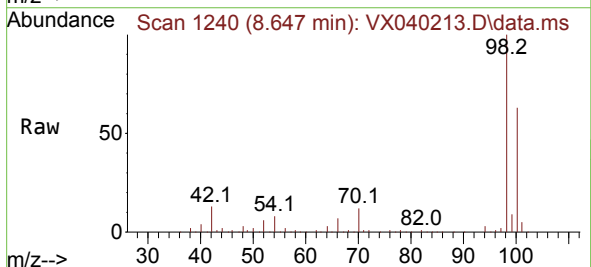
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

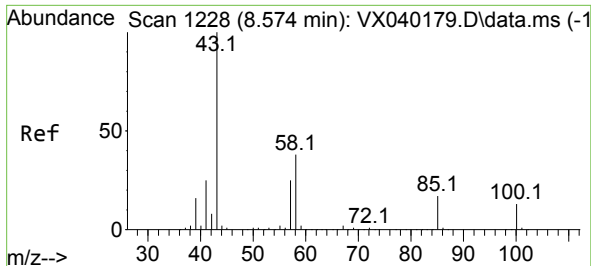
Tgt Ion: 88 Resp: 23314
Ion Ratio Lower Upper
88 100
43 32.5 0.0 0.0#
58 64.4 60.1 90.1



#50
Toluene-d8
Concen: 48.922 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 98 Resp: 160431
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

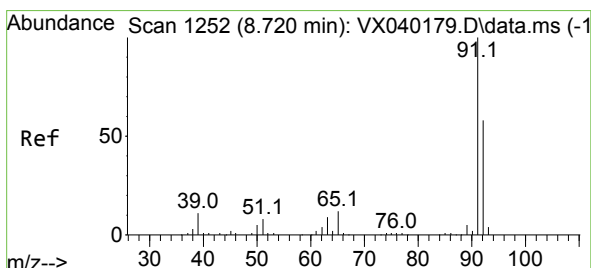
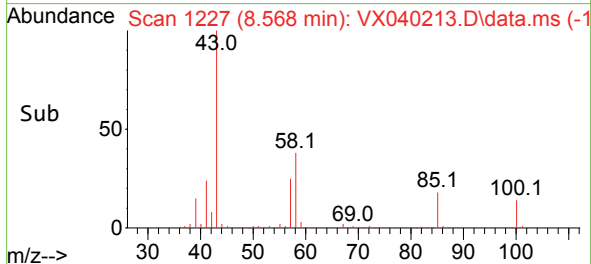
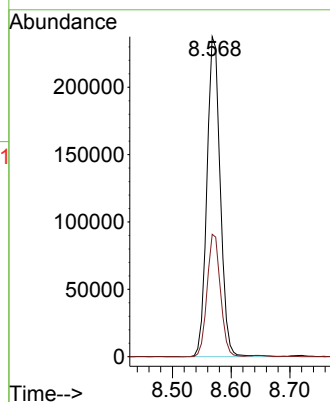
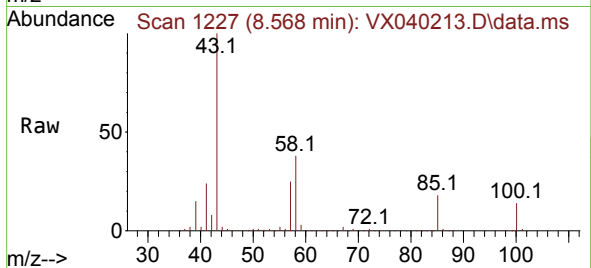




#51
4-Methyl-2-Pentanone
Concen: 257.123 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

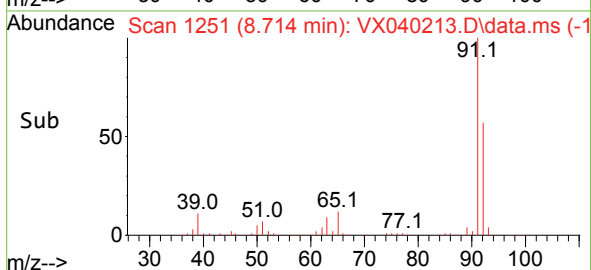
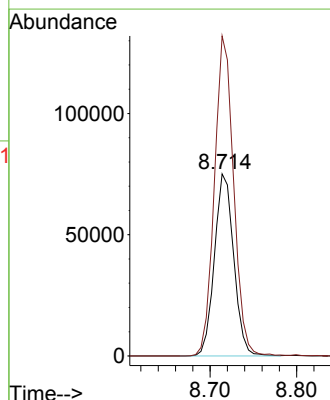
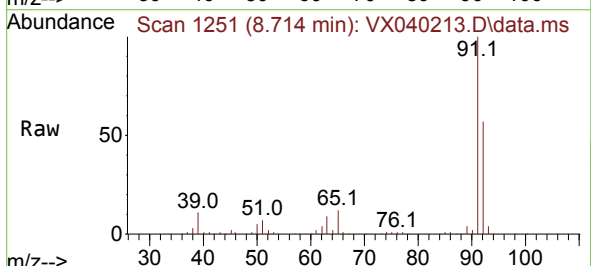
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

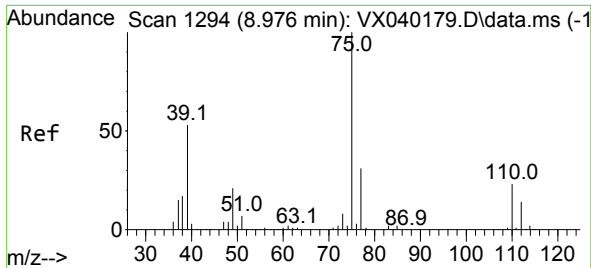
Tgt Ion: 43 Resp: 374460
Ion Ratio Lower Upper
43 100
58 38.4 30.4 45.6



#52
Toluene
Concen: 51.656 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 92 Resp: 116196
Ion Ratio Lower Upper
92 100
91 175.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 50.064 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

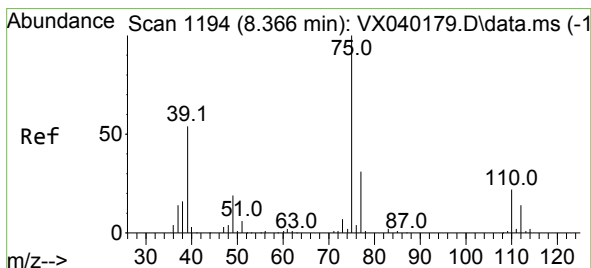
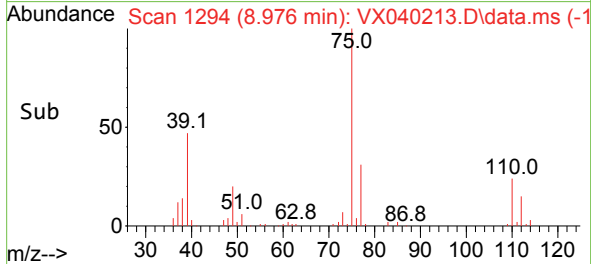
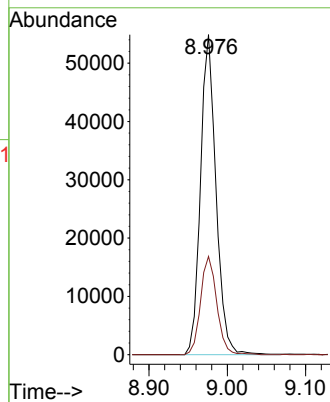
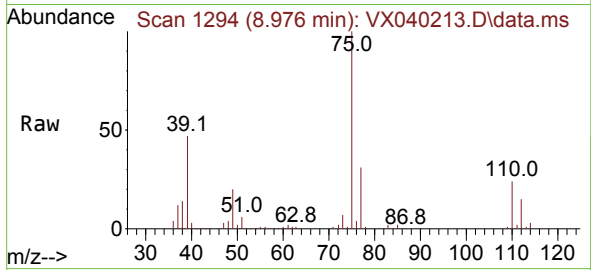
VSTDCCC050

Tgt Ion: 75 Resp: 75573

Ion Ratio Lower Upper

75 100

77 30.7 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 56.348 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

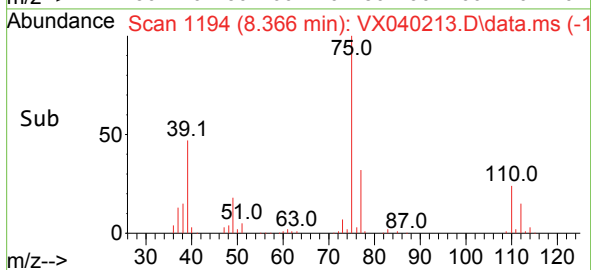
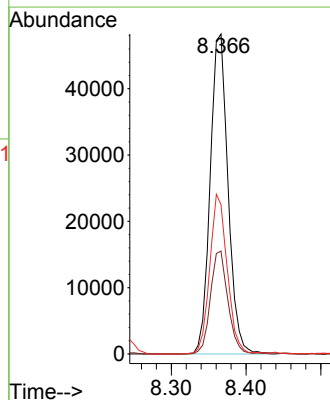
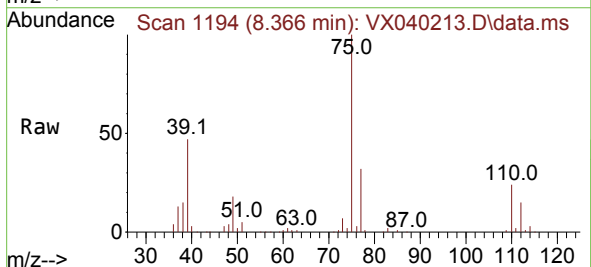
Tgt Ion: 75 Resp: 80103

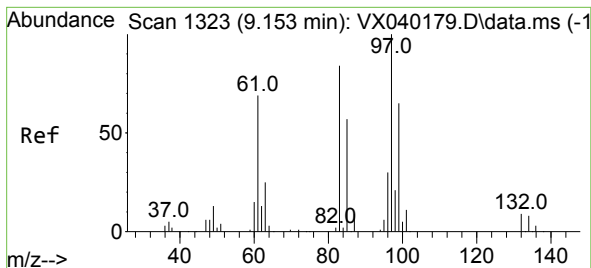
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 46.7 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 53.111 ug/l

RT: 9.147 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 50955

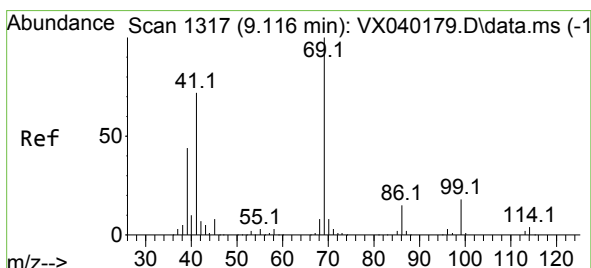
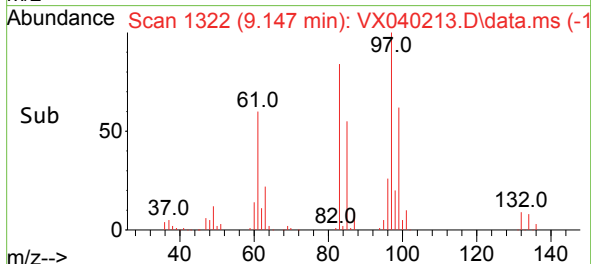
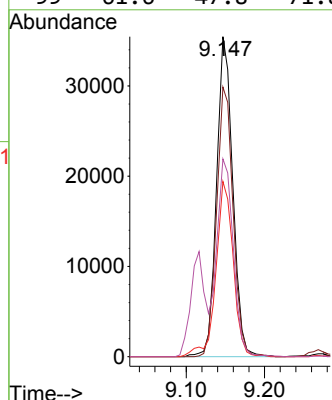
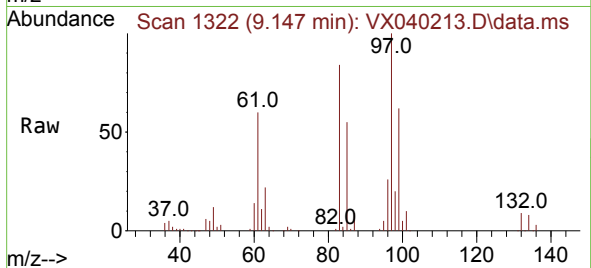
Ion Ratio Lower Upper

97 100

83 84.3 65.8 98.8

85 54.7 41.6 62.4

99 61.6 47.8 71.8



#56

Ethyl methacrylate

Concen: 55.553 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

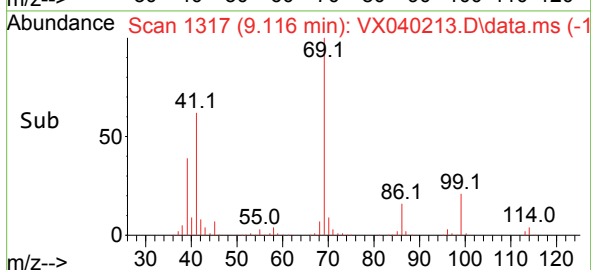
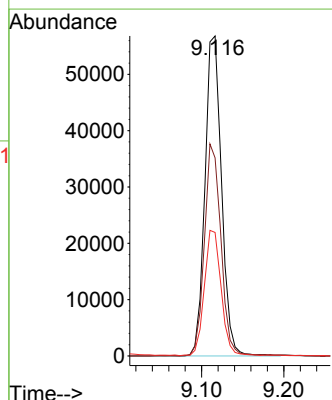
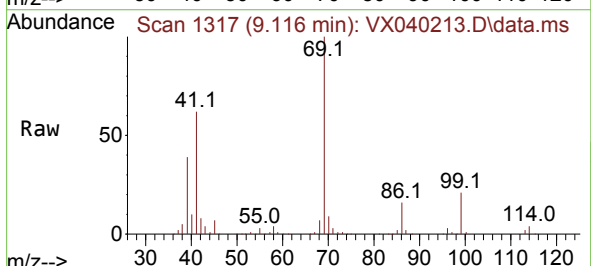
Tgt Ion: 69 Resp: 79790

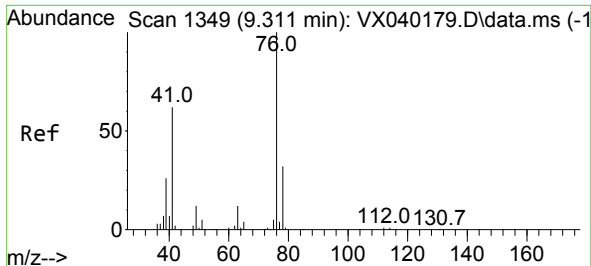
Ion Ratio Lower Upper

69 100

41 65.8 56.8 85.2

39 39.5 32.0 48.0





#57

1,3-Dichloropropane

Concen: 53.105 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

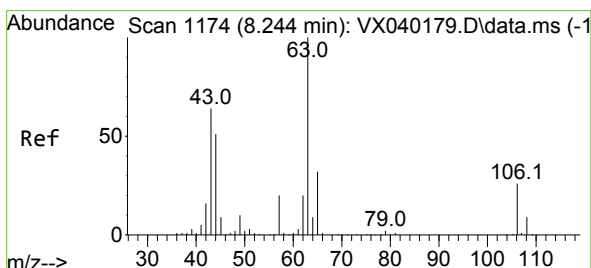
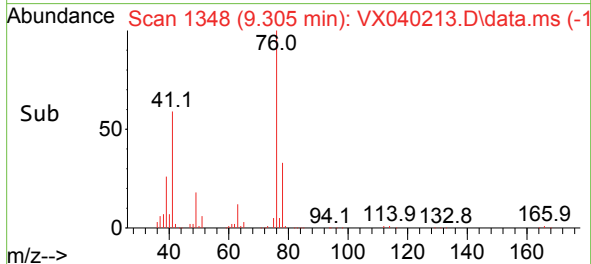
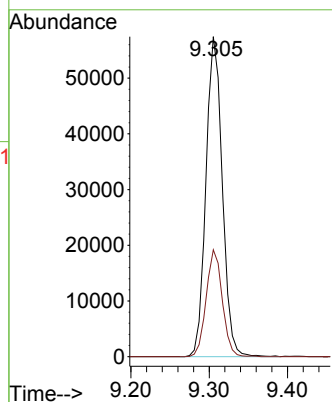
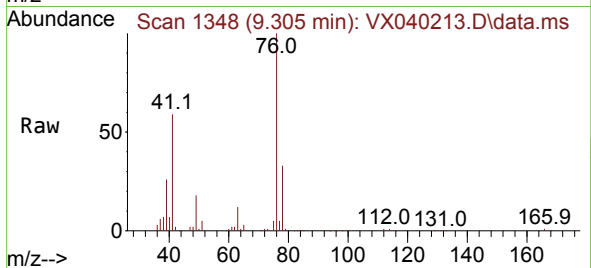
VSTDCCC050

Tgt Ion: 76 Resp: 83161

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 252.959 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX040213.D

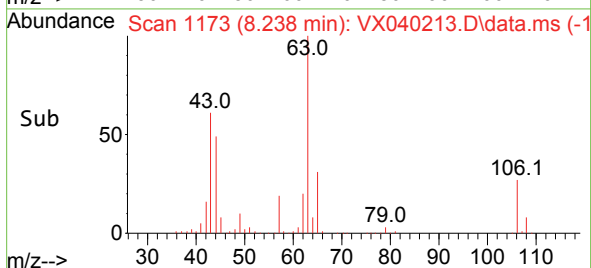
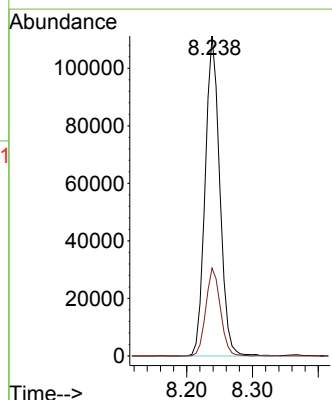
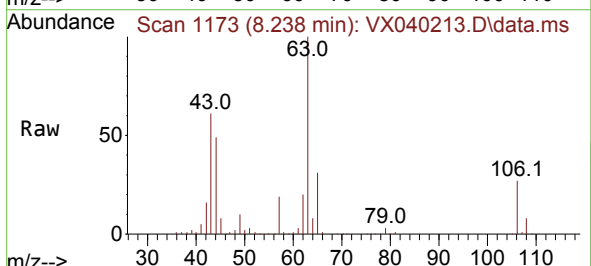
Acq: 14 Feb 2024 12:24

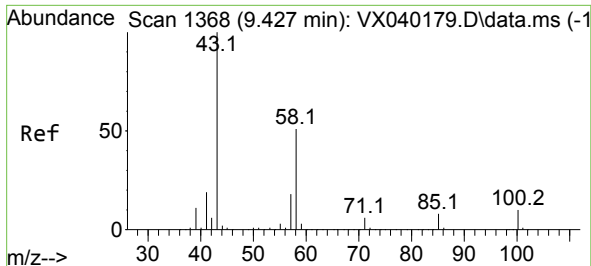
Tgt Ion: 63 Resp: 171872

Ion Ratio Lower Upper

63 100

106 27.3 22.5 33.7

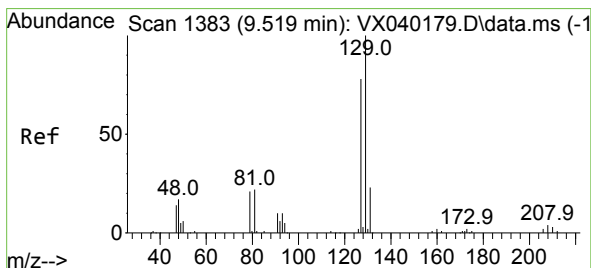
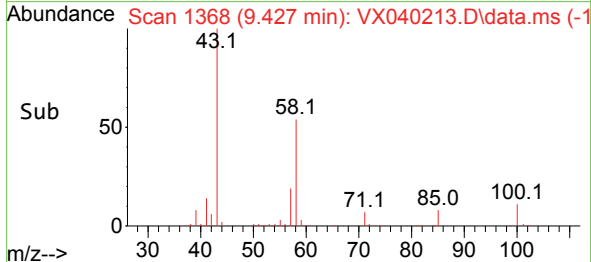
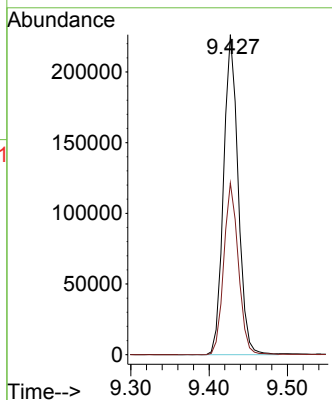
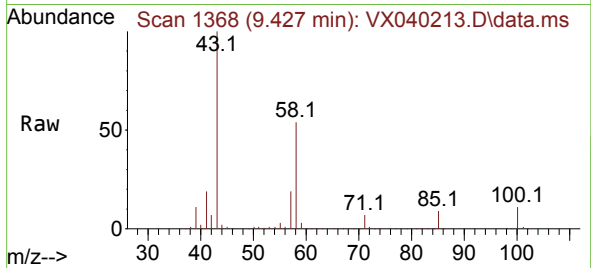




#59
2-Hexanone
Concen: 254.395 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

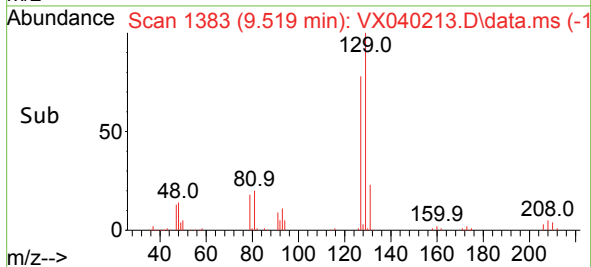
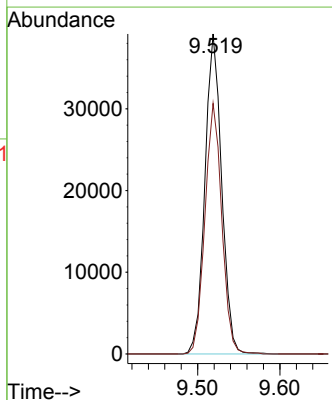
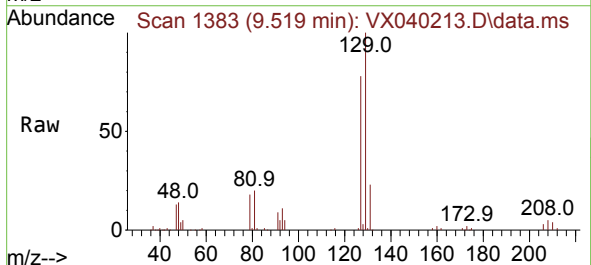
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

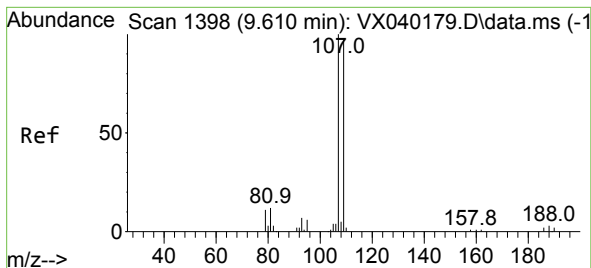
Tgt Ion: 43 Resp: 293741
Ion Ratio Lower Upper
43 100
58 53.7 26.2 78.5



#60
Dibromochloromethane
Concen: 56.605 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 129 Resp: 55329
Ion Ratio Lower Upper
129 100
127 78.8 38.8 116.4

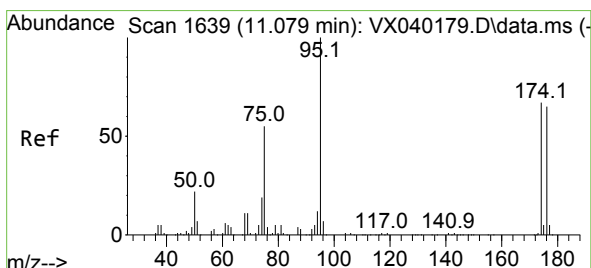
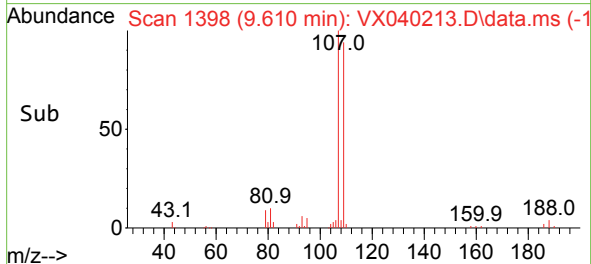
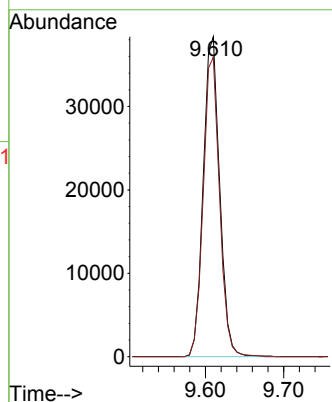
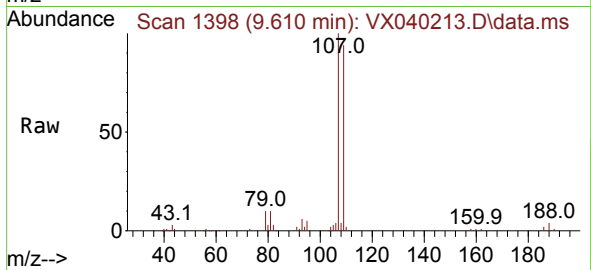




#61
1,2-Dibromoethane
Concen: 54.644 ug/l
RT: 9.610 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

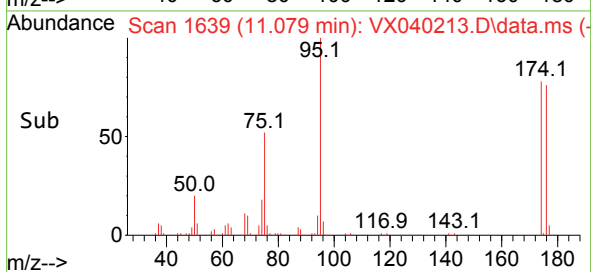
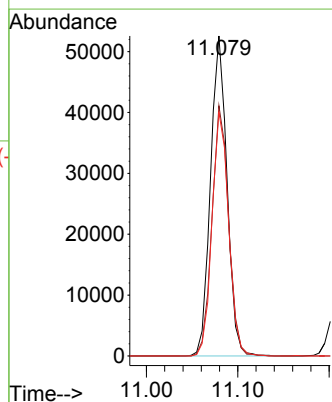
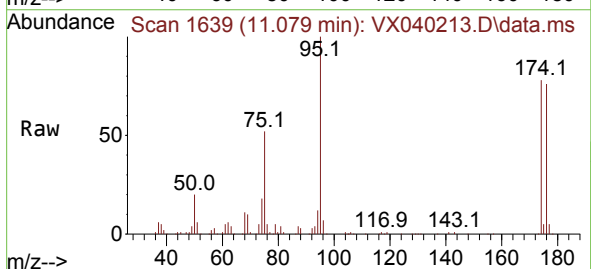
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

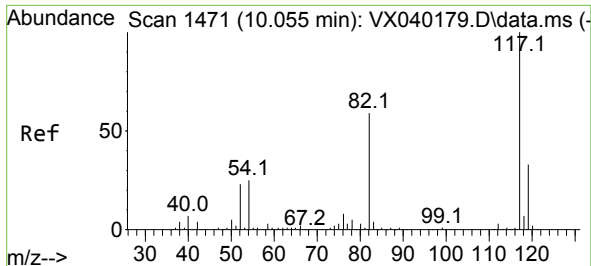
Tgt Ion:107 Resp: 55726
Ion Ratio Lower Upper
107 100
109 93.2 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 49.141 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 95 Resp: 65722
Ion Ratio Lower Upper
95 100
174 78.7 0.0 135.6
176 76.7 0.0 131.0

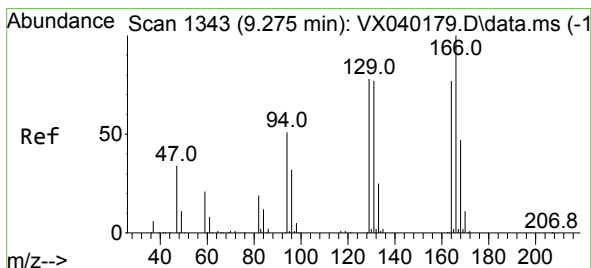
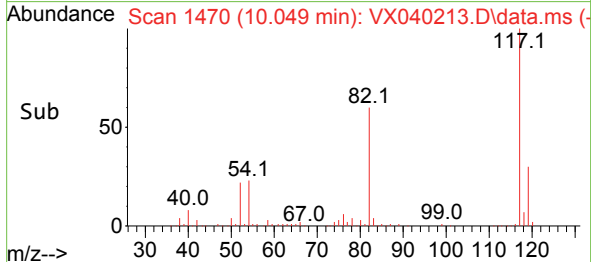
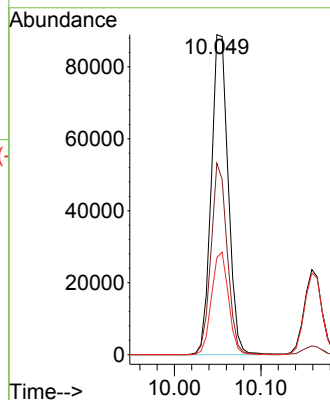
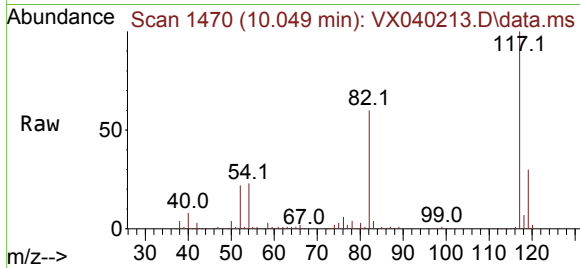




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

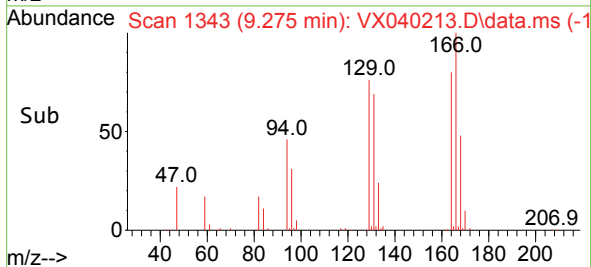
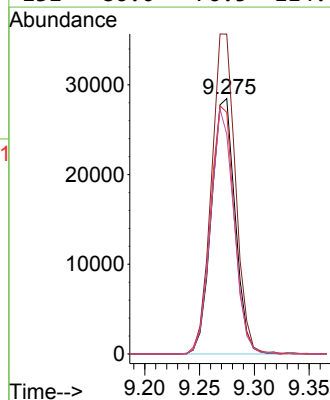
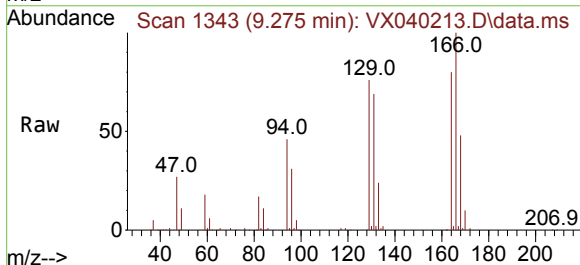
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

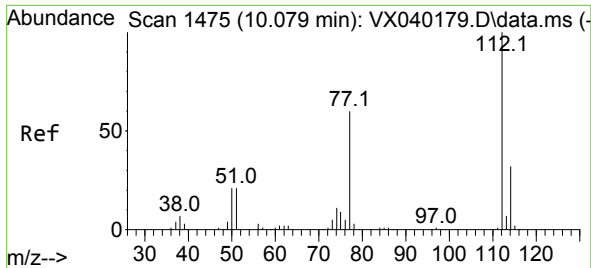
Tgt Ion:117 Resp: 120855
Ion Ratio Lower Upper
117 100
82 59.8 46.2 69.4
119 30.3 25.5 38.3



#64
Tetrachloroethene
Concen: 50.443 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion:164 Resp: 42721
Ion Ratio Lower Upper
164 100
166 125.2 102.7 154.1
129 94.6 80.4 120.6
131 86.0 76.5 114.7

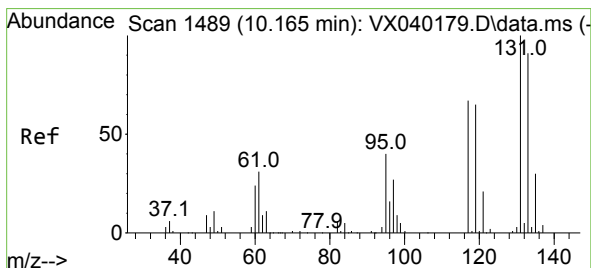
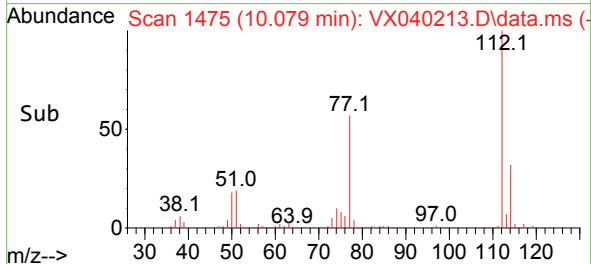
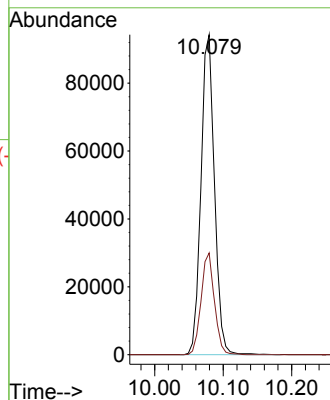
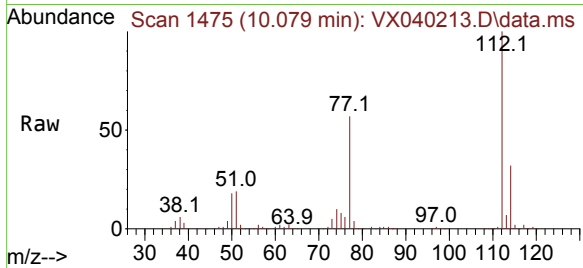




#65
Chlorobenzene
Concen: 51.245 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

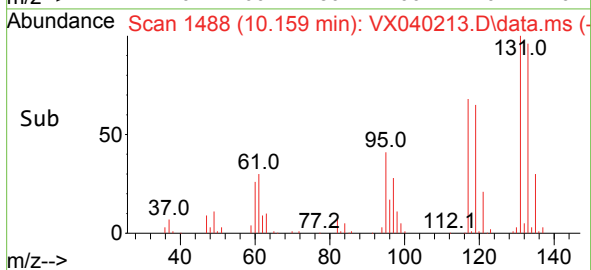
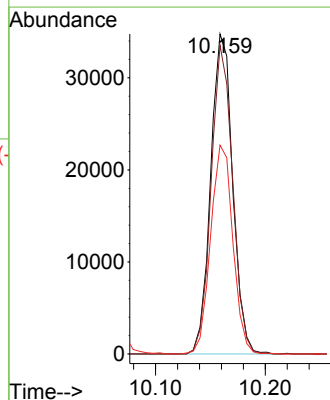
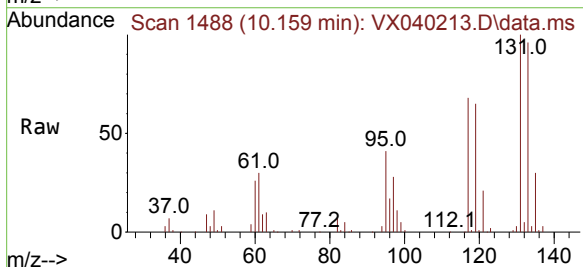
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

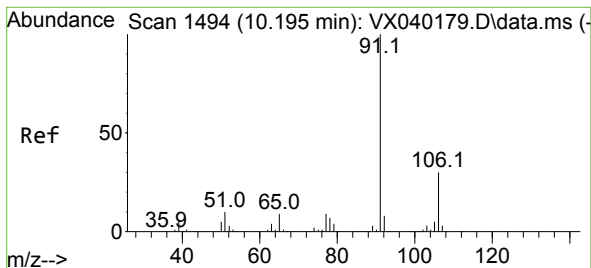
Tgt Ion:112 Resp: 129255
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 55.334 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion:131 Resp: 48338
Ion Ratio Lower Upper
131 100
133 94.4 47.1 141.4
119 66.3 32.2 96.6





#67

Ethyl Benzene

Concen: 52.905 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

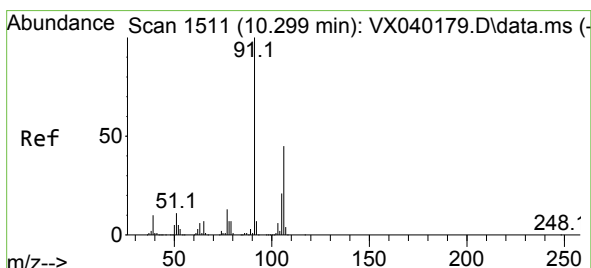
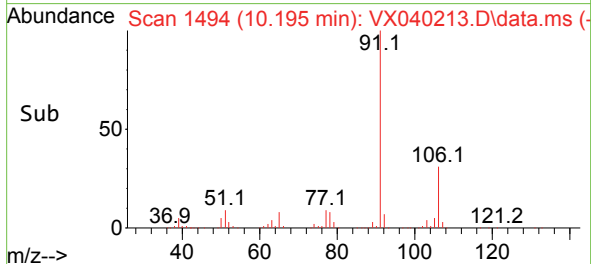
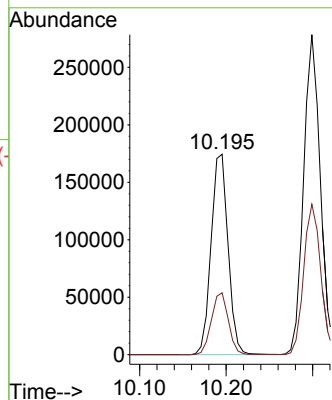
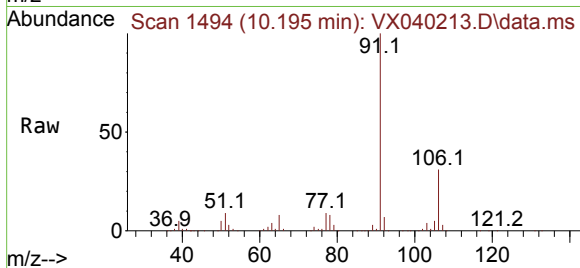
VSTDCCC050

Tgt Ion: 91 Resp: 237659

Ion Ratio Lower Upper

91 100

106 30.9 24.9 37.3



#68

m/p-Xylenes

Concen: 105.601 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX040213.D

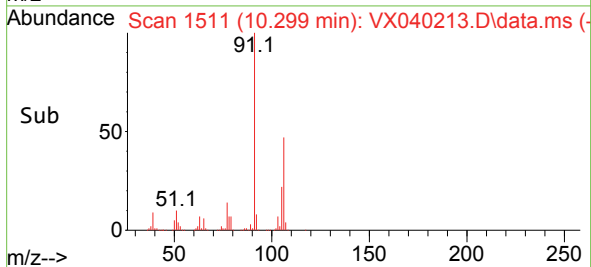
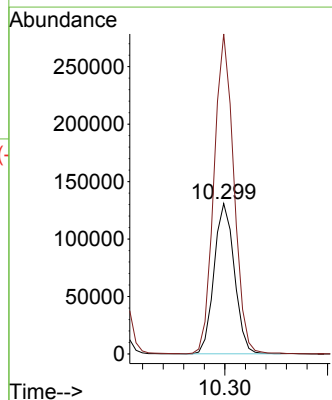
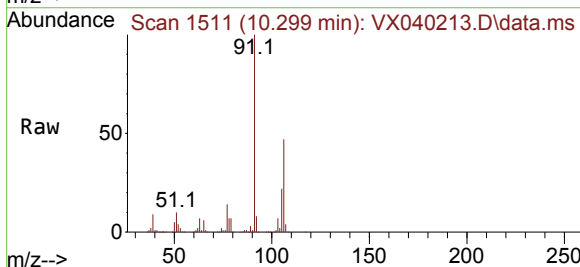
Acq: 14 Feb 2024 12:24

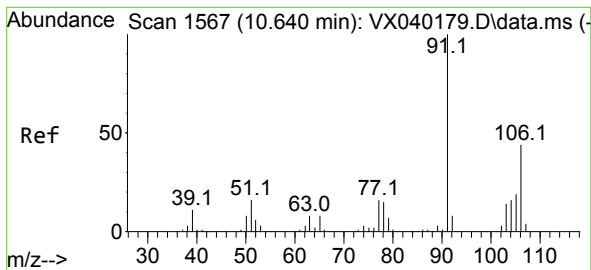
Tgt Ion:106 Resp: 179162

Ion Ratio Lower Upper

106 100

91 208.5 165.5 248.3





#69

o-Xylene

Concen: 54.021 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

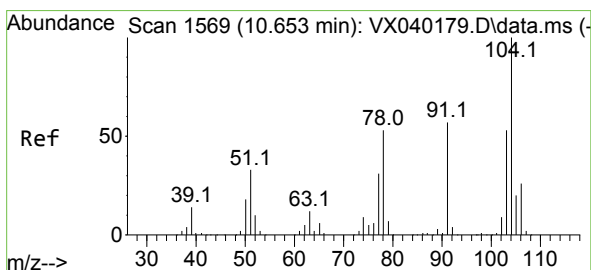
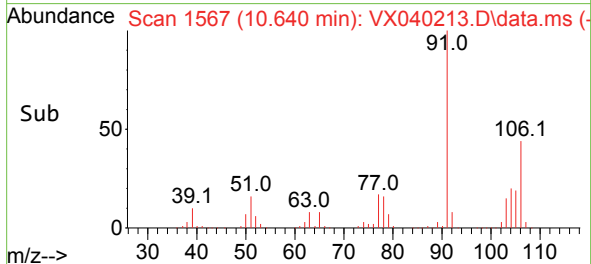
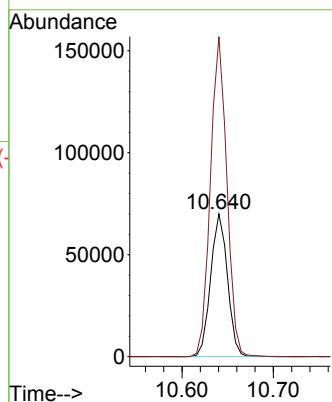
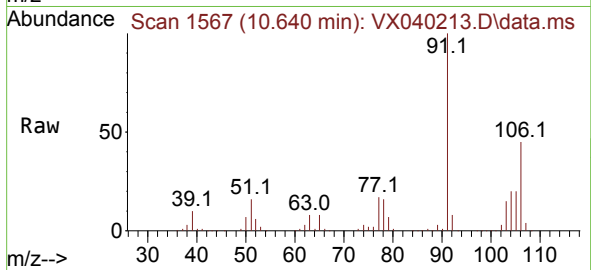
VSTDCCC050

Tgt Ion:106 Resp: 89064

Ion Ratio Lower Upper

106 100

91 219.4 108.9 326.8



#70

Styrene

Concen: 55.410 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

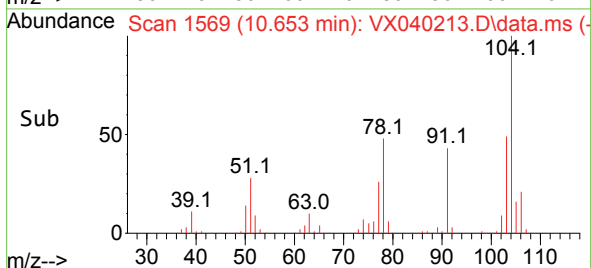
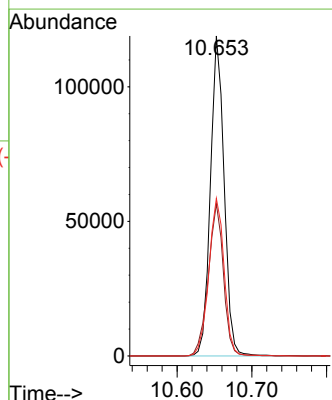
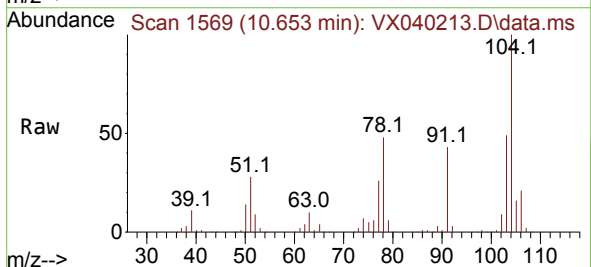
Tgt Ion:104 Resp: 151884

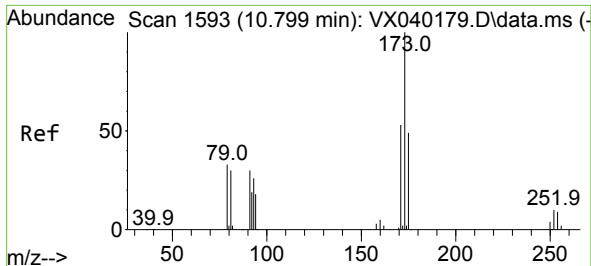
Ion Ratio Lower Upper

104 100

78 52.7 43.6 65.4

103 55.2 43.6 65.4

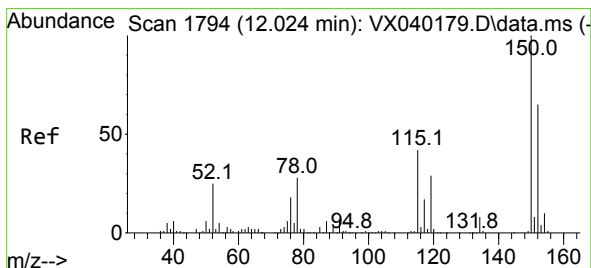
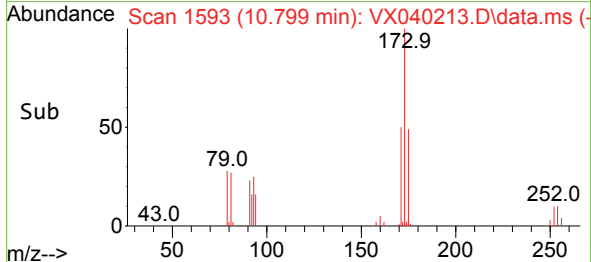
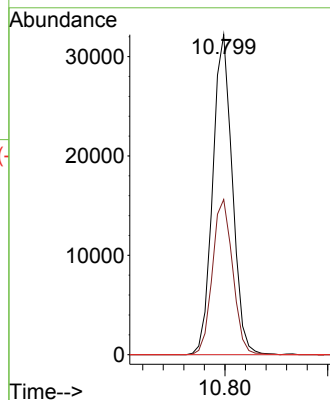
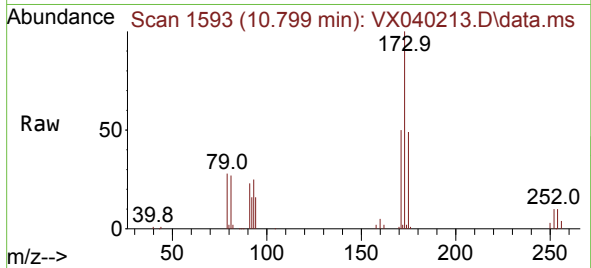




#71
Bromoform
Concen: 51.836 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

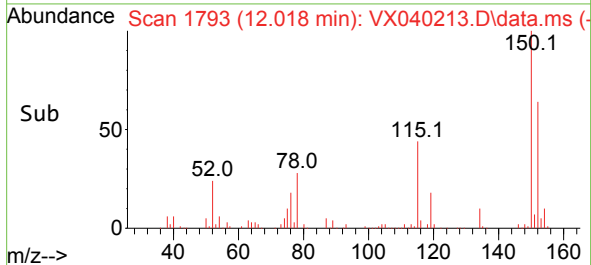
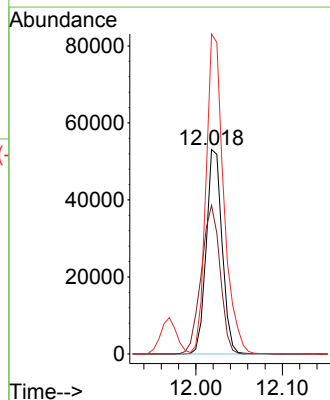
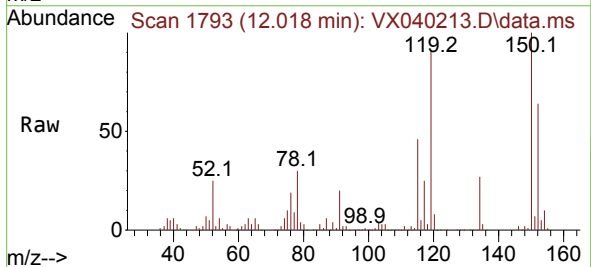
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

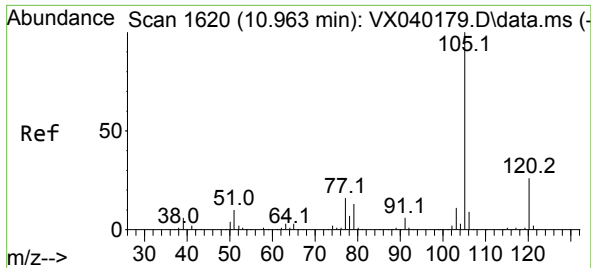
Tgt Ion:173 Resp: 42581
Ion Ratio Lower Upper
173 100
175 50.2 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion:152 Resp: 67405
Ion Ratio Lower Upper
152 100
115 86.4 43.3 129.9
150 174.4 0.0 345.0

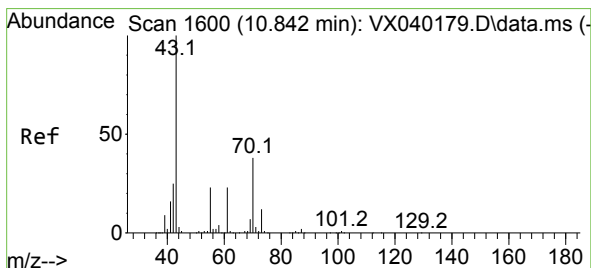
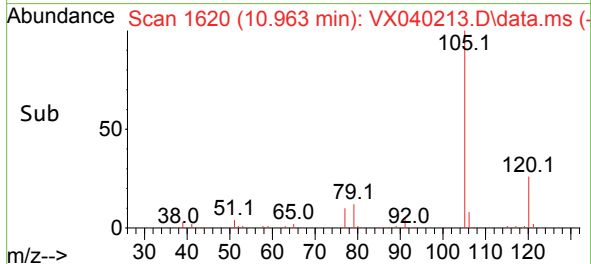
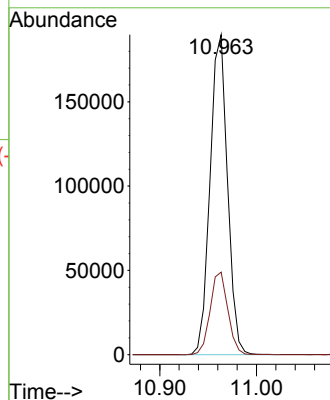
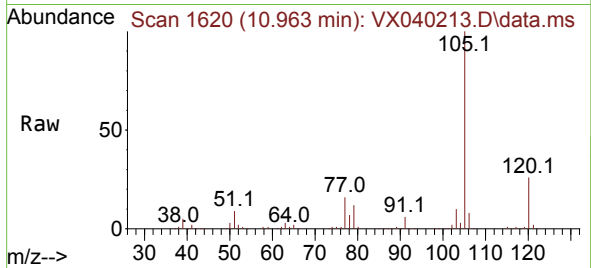




#73
Isopropylbenzene
Concen: 50.151 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

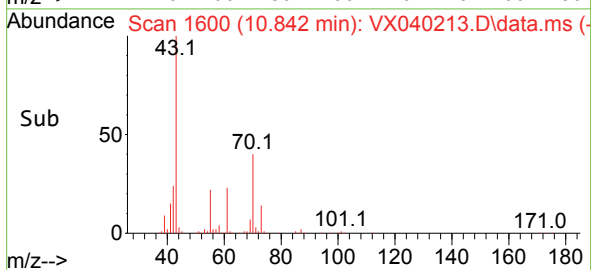
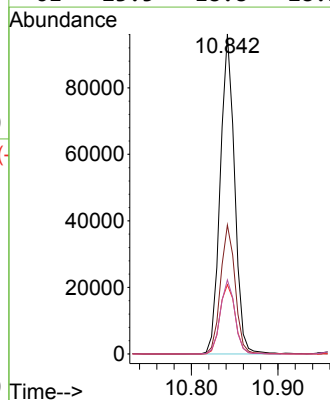
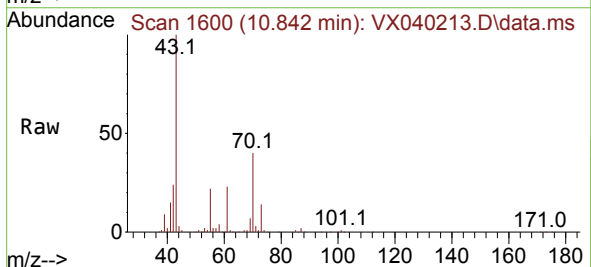
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 238093
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6



#74
N-ethyl acetate
Concen: 54.337 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 43 Resp: 110576
Ion Ratio Lower Upper
43 100
70 41.0 32.9 49.3
55 23.0 19.3 28.9
61 23.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.247 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

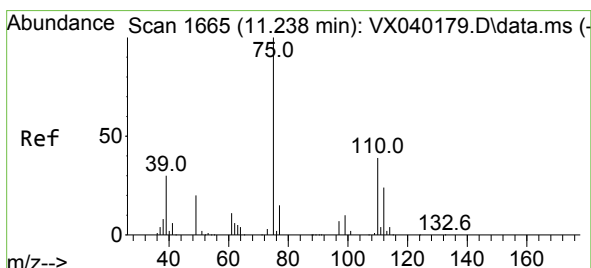
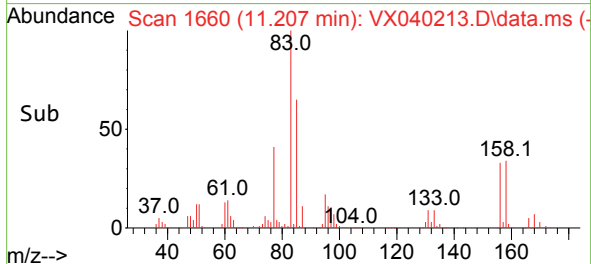
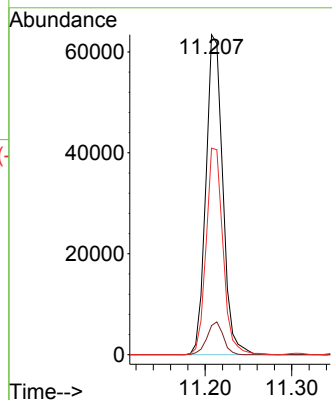
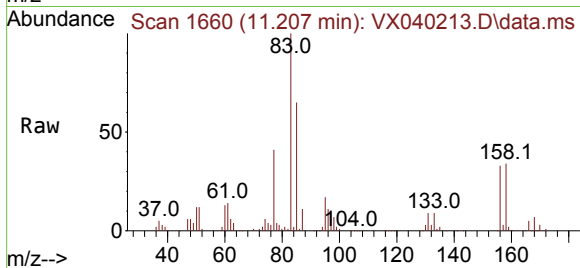
Tgt Ion: 83 Resp: 85704

Ion Ratio Lower Upper

83 100

131 9.9 5.3 15.8

85 64.5 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 68.890 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX040213.D

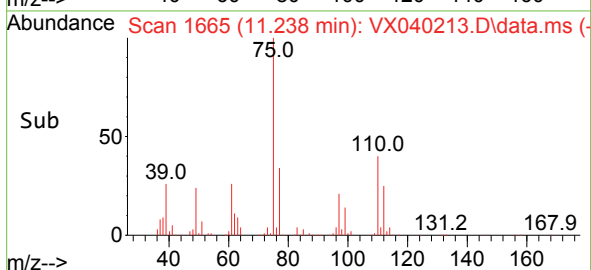
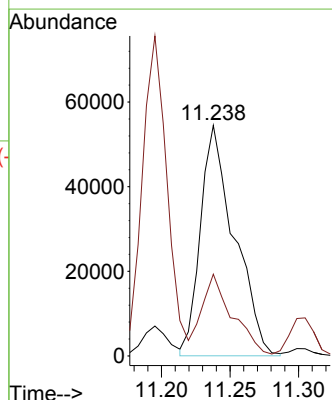
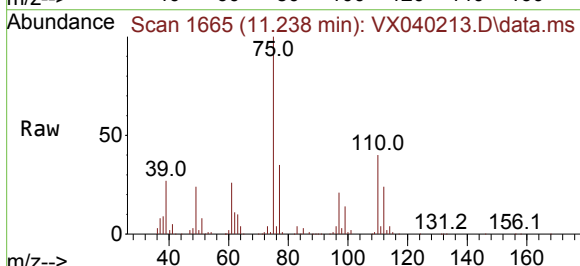
Acq: 14 Feb 2024 12:24

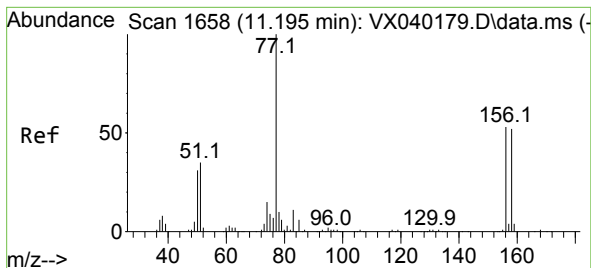
Tgt Ion: 75 Resp: 94033

Ion Ratio Lower Upper

75 100

77 32.3 19.1 57.5





#77

Bromobenzene

Concen: 52.325 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

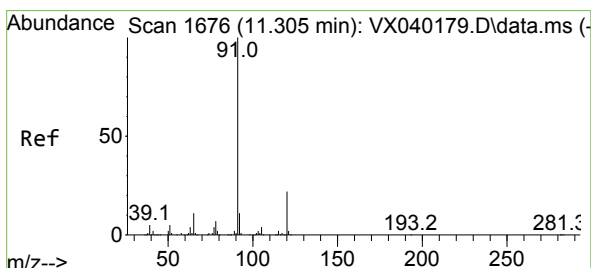
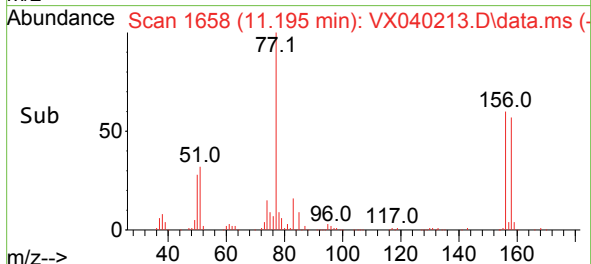
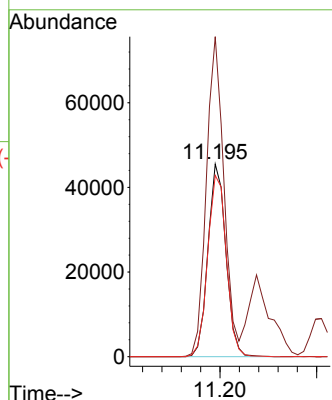
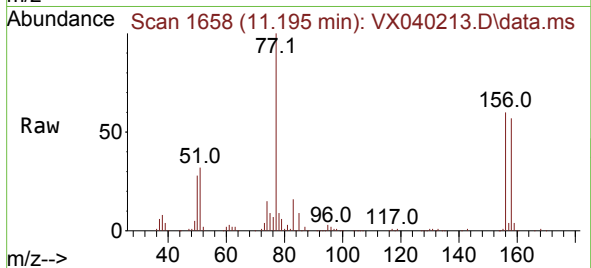
Tgt Ion:156 Resp: 58672

Ion Ratio Lower Upper

156 100

77 162.7 88.4 265.3

158 98.1 48.0 144.0



#78

n-propylbenzene

Concen: 50.481 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040213.D

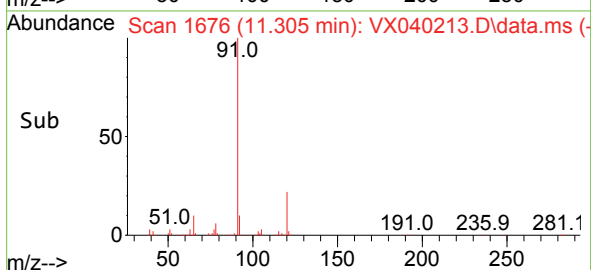
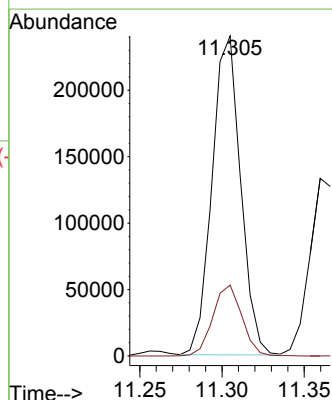
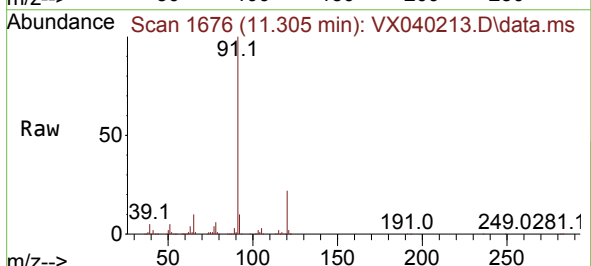
Acq: 14 Feb 2024 12:24

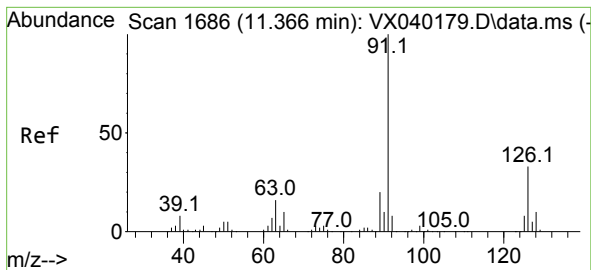
Tgt Ion: 91 Resp: 290153

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4

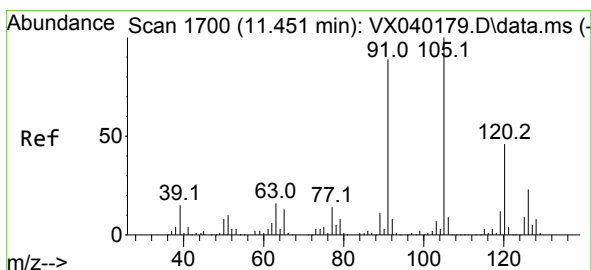
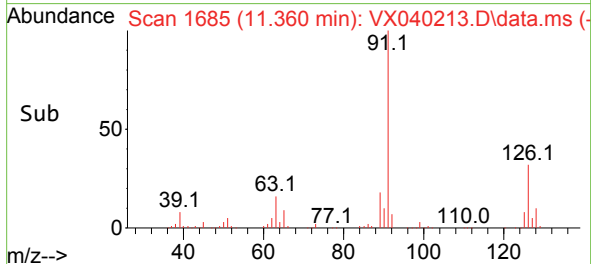
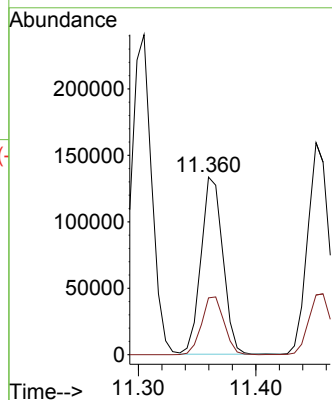
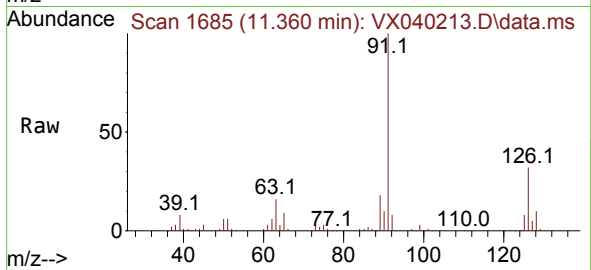




#79
2-Chlorotoluene
Concen: 49.651 ug/l
RT: 11.360 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

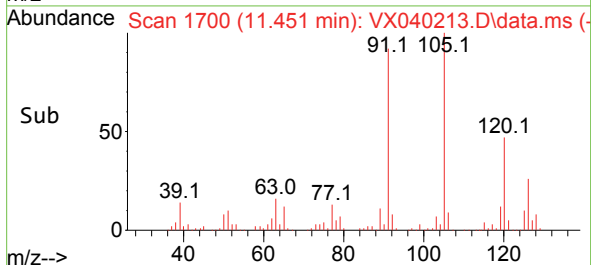
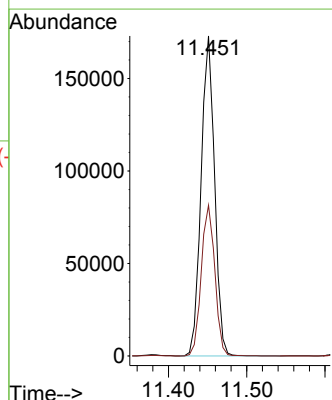
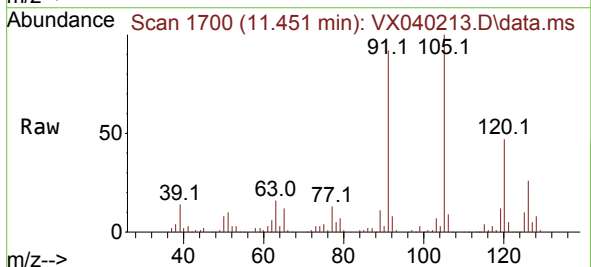
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

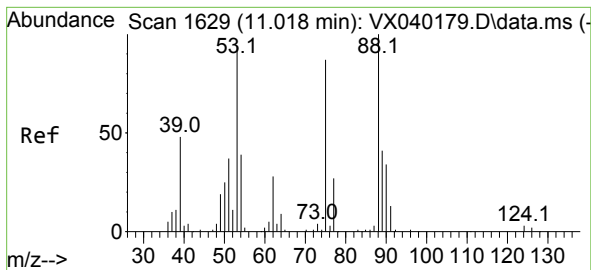
Tgt Ion: 91 Resp: 172328
Ion Ratio Lower Upper
91 100
126 33.5 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 51.792 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 105 Resp: 207007
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3

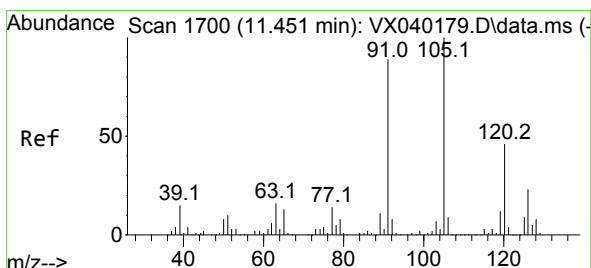
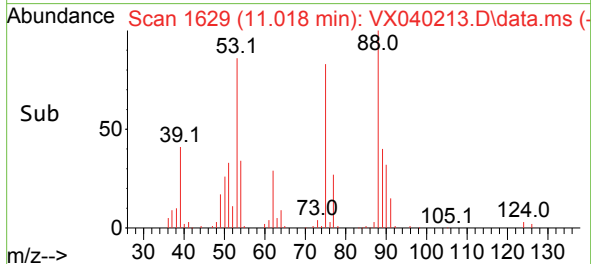
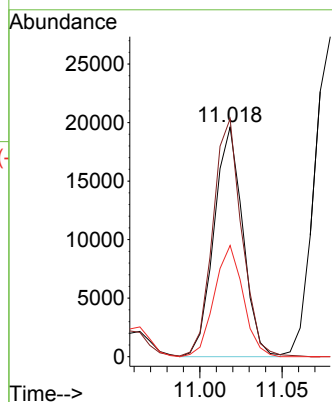
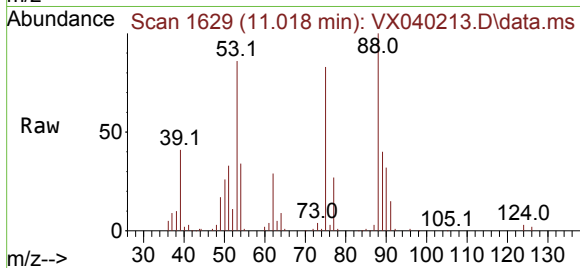




#81
trans-1,4-Dichloro-2-butene
Concen: 49.279 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

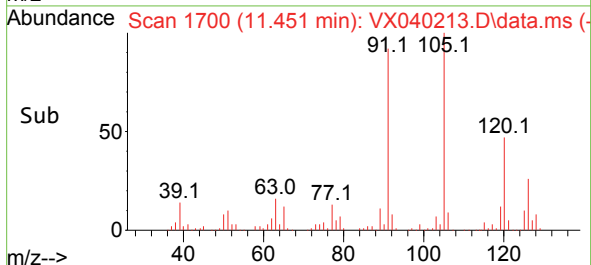
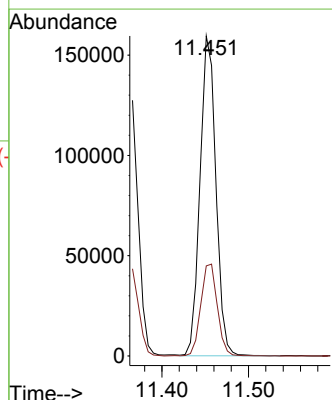
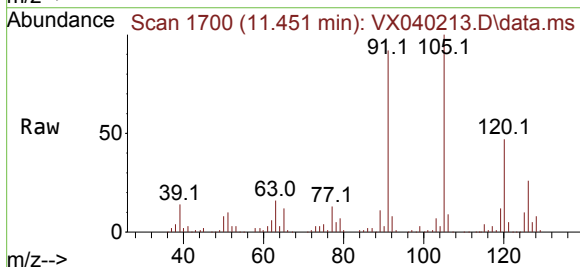
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

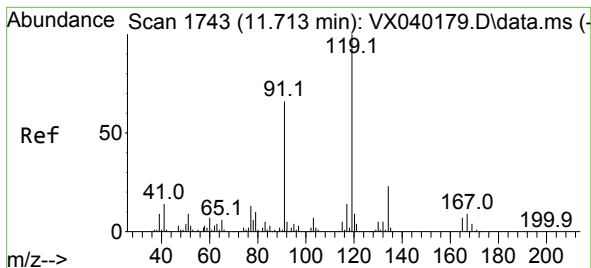
Tgt Ion: 75 Resp: 23927
Ion Ratio Lower Upper
75 100
53 104.3 90.5 135.7
89 48.4 36.9 55.3



#82
4-Chlorotoluene
Concen: 49.411 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 91 Resp: 203196
Ion Ratio Lower Upper
91 100
126 29.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.976 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

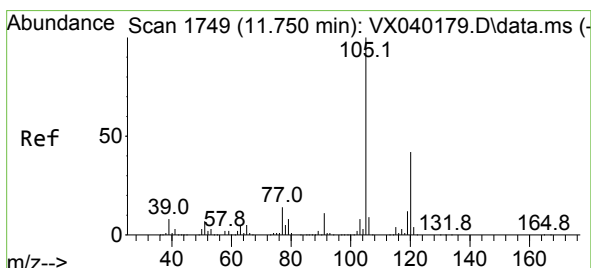
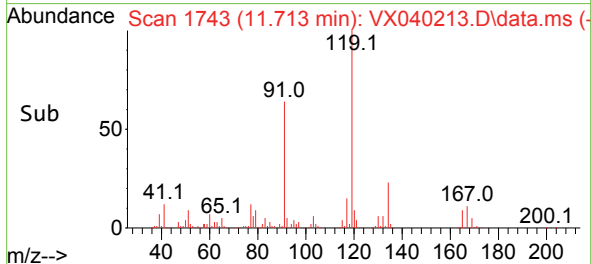
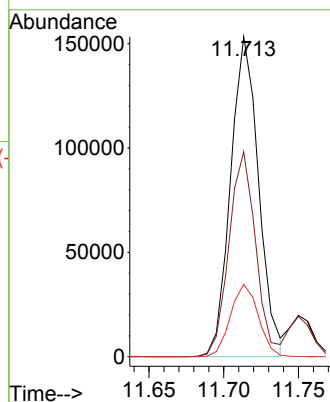
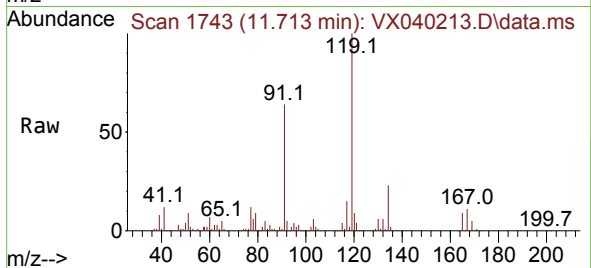
Tgt Ion:119 Resp: 199750

Ion Ratio Lower Upper

119 100

91 61.3 31.2 93.6

134 22.5 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 51.337 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040213.D

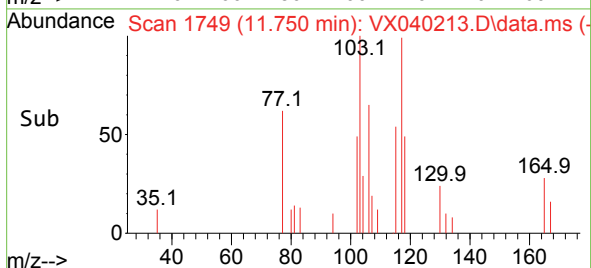
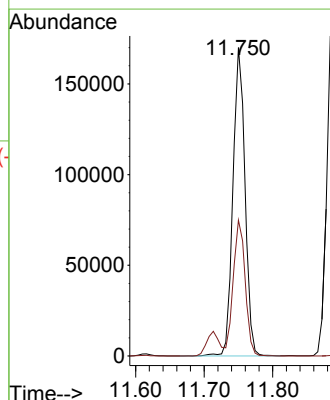
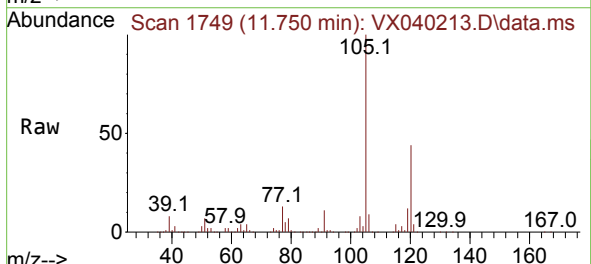
Acq: 14 Feb 2024 12:24

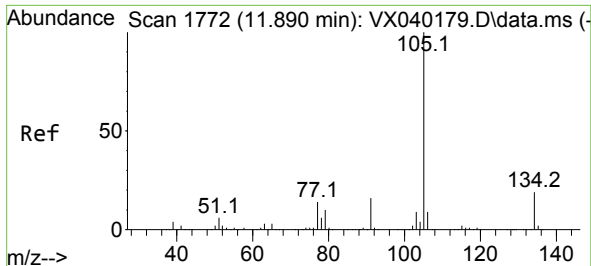
Tgt Ion:105 Resp: 207589

Ion Ratio Lower Upper

105 100

120 43.4 21.2 63.6

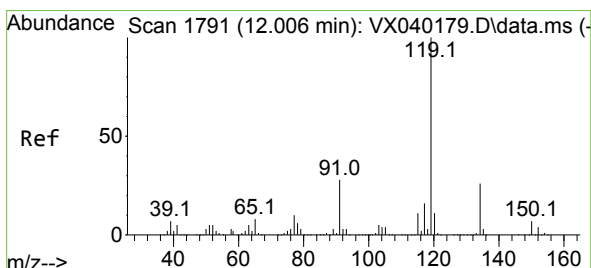
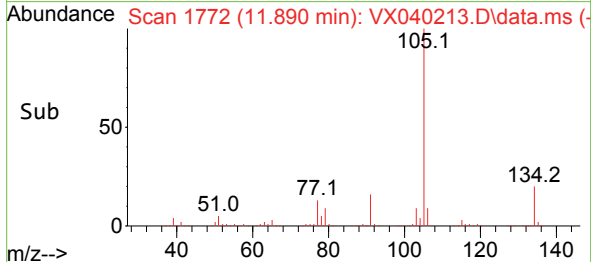
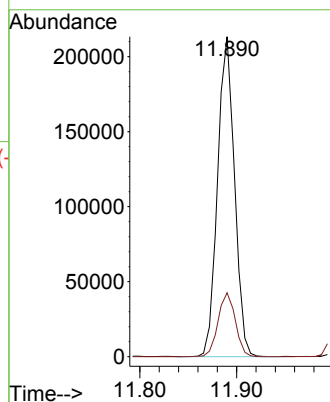
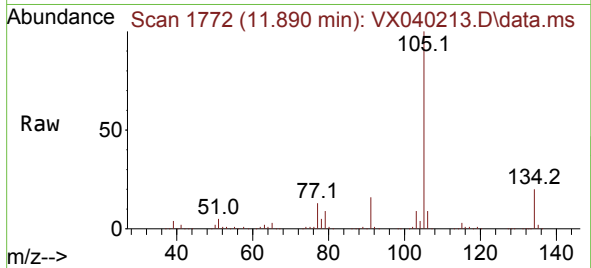




#85
 sec-Butylbenzene
 Concen: 51.424 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040213.D
 Acq: 14 Feb 2024 12:24

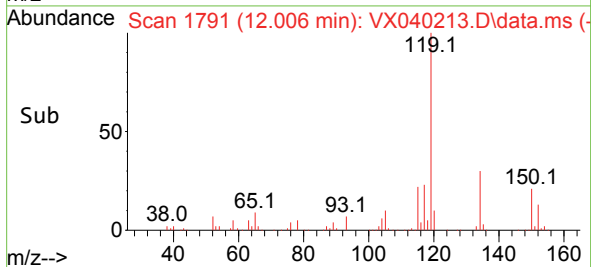
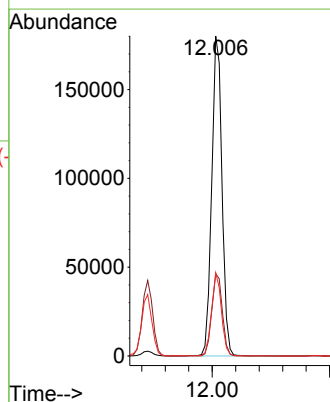
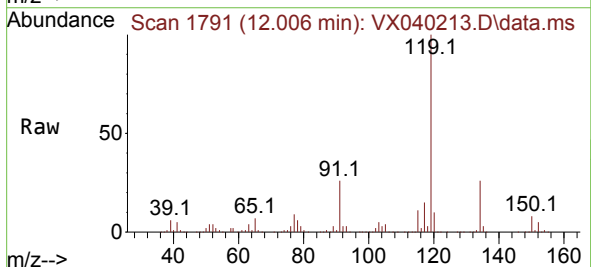
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

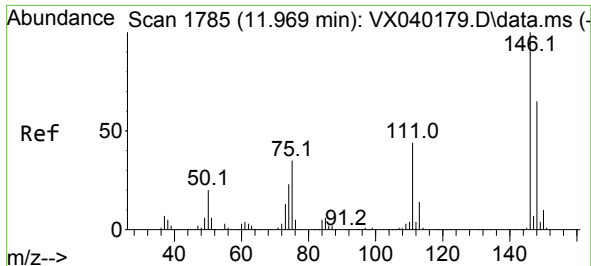
Tgt Ion:105 Resp: 258967
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 52.916 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040213.D
 Acq: 14 Feb 2024 12:24

Tgt Ion:119 Resp: 218441
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 25.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.656 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

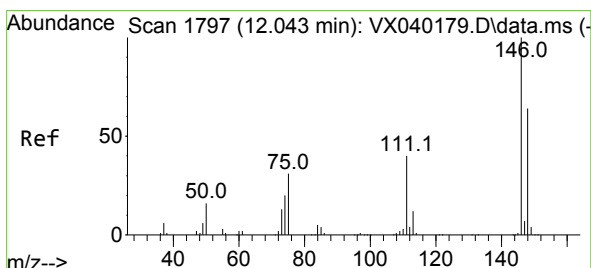
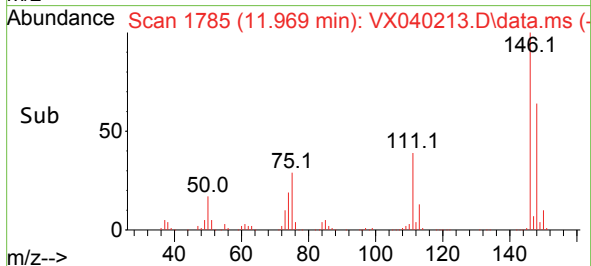
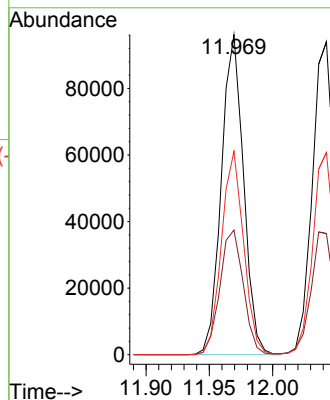
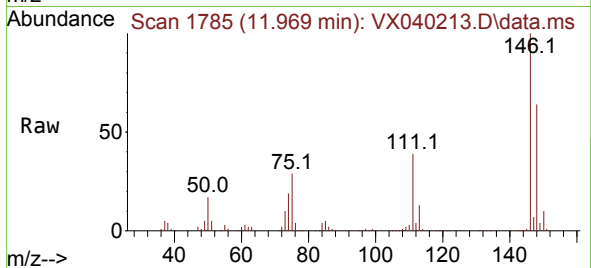
Tgt Ion:146 Resp: 116988

Ion Ratio Lower Upper

146 100

111 41.2 22.1 66.1

148 63.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 49.712 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

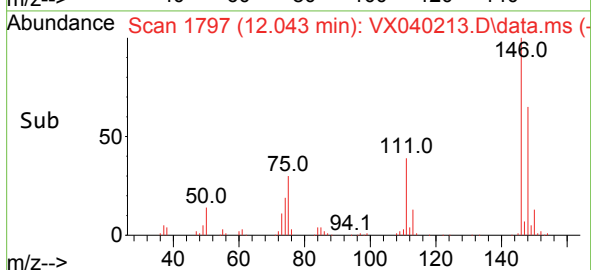
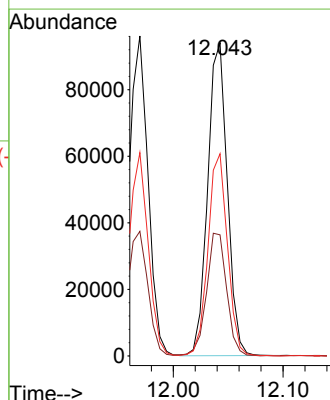
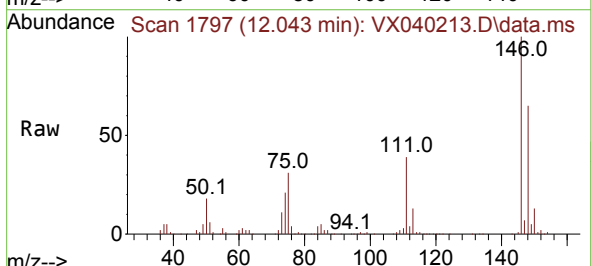
Tgt Ion:146 Resp: 116953

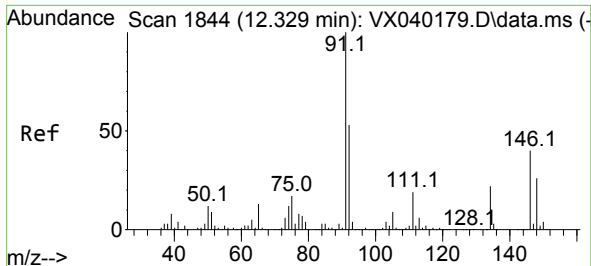
Ion Ratio Lower Upper

146 100

111 40.3 21.3 63.7

148 64.3 31.8 95.4

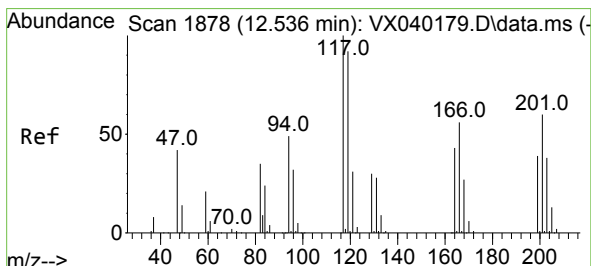
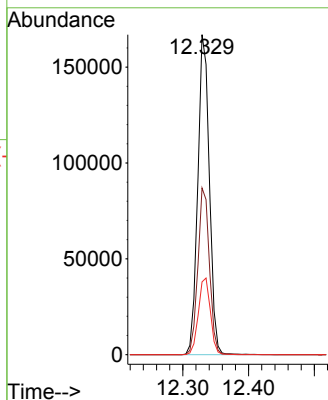
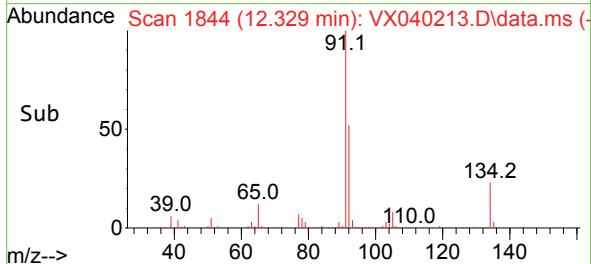
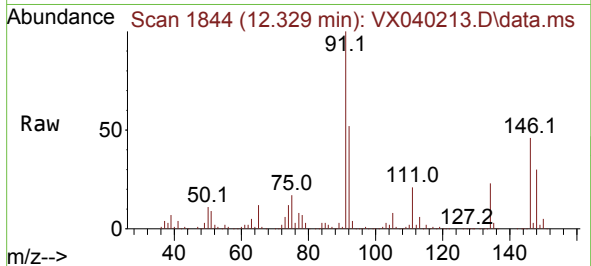




#89
n-Butylbenzene
Concen: 51.089 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

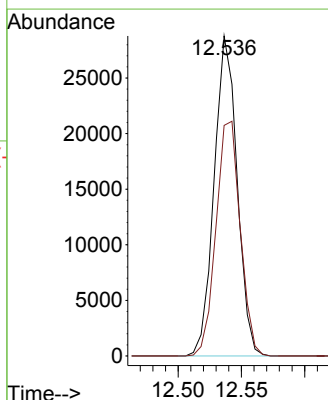
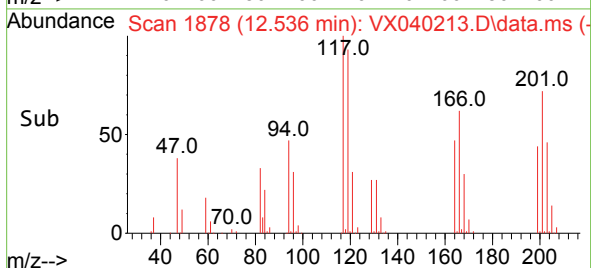
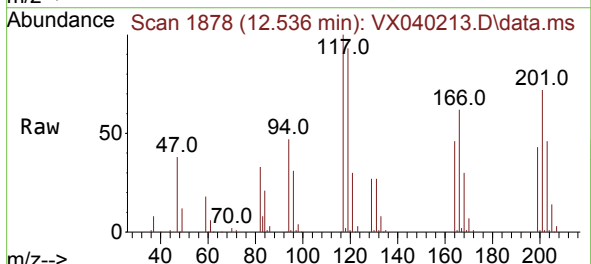
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

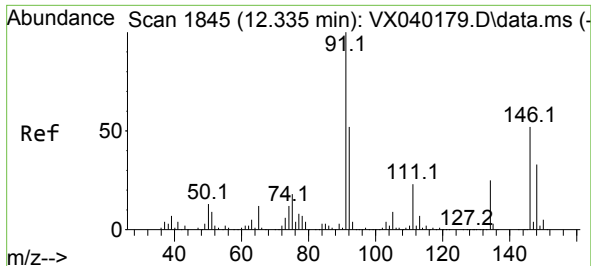
Tgt Ion: 91 Resp: 203580
Ion Ratio Lower Upper
91 100
92 52.0 27.4 82.0
134 24.8 12.6 37.8



#90
Hexachloroethane
Concen: 55.650 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 117 Resp: 36236
Ion Ratio Lower Upper
117 100
201 77.4 32.9 98.6

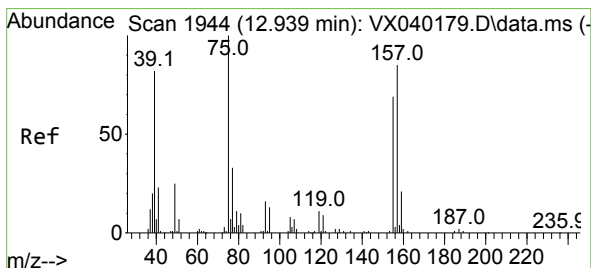
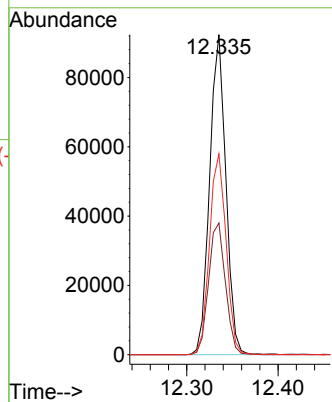
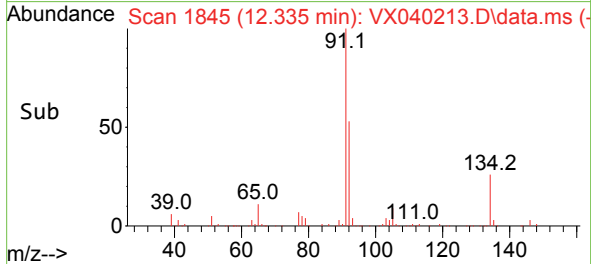
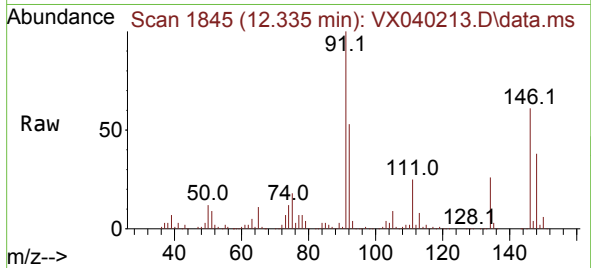




#91
1,2-Dichlorobenzene
Concen: 52.842 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

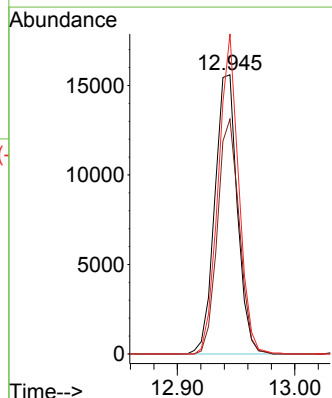
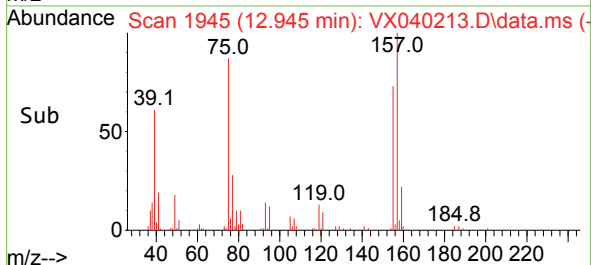
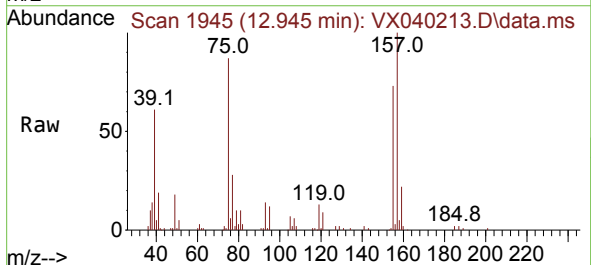
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

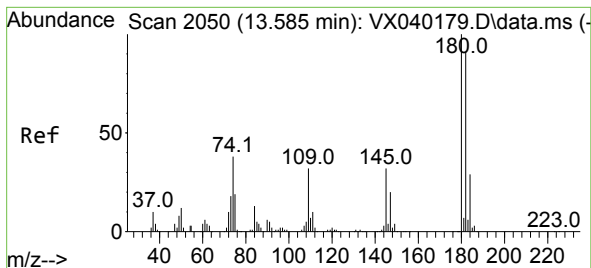
Tgt Ion:146 Resp: 113651
Ion Ratio Lower Upper
146 100
111 42.8 22.4 67.0
148 64.3 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.877 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX040213.D
Acq: 14 Feb 2024 12:24

Tgt Ion: 75 Resp: 20816
Ion Ratio Lower Upper
75 100
155 81.0 36.1 108.5
157 103.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.461 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

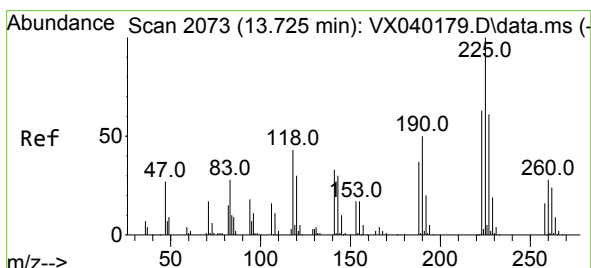
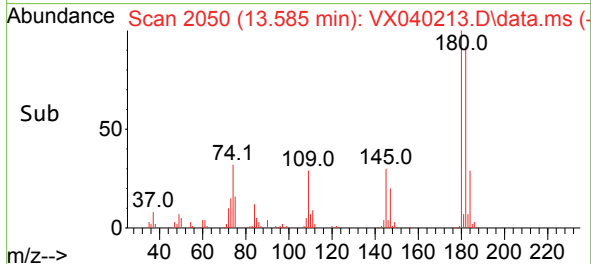
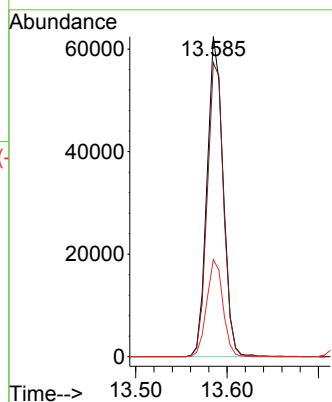
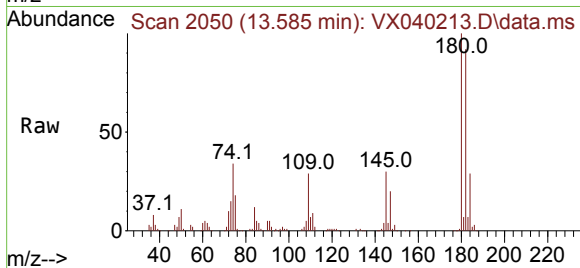
Tgt Ion:180 Resp: 75775

Ion Ratio Lower Upper

180 100

182 94.3 48.3 144.8

145 30.7 18.0 54.0



#94

Hexachlorobutadiene

Concen: 53.069 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

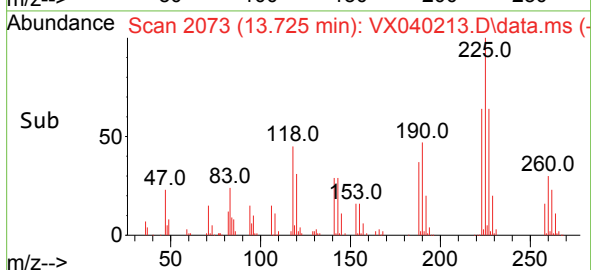
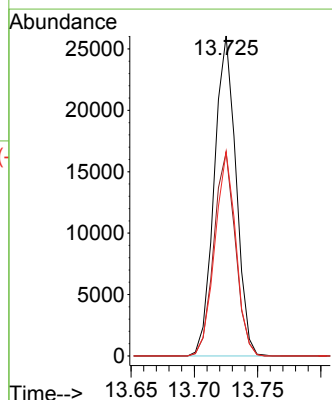
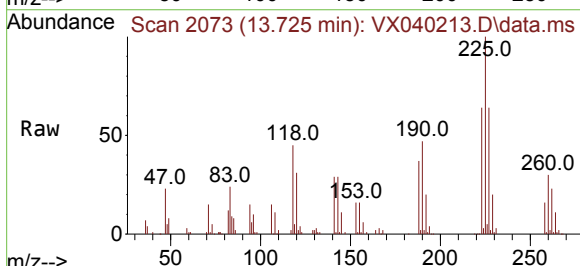
Tgt Ion:225 Resp: 31187

Ion Ratio Lower Upper

225 100

223 62.8 31.1 93.2

227 61.6 32.5 97.5





#95

Naphthalene

Concen: 52.362 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

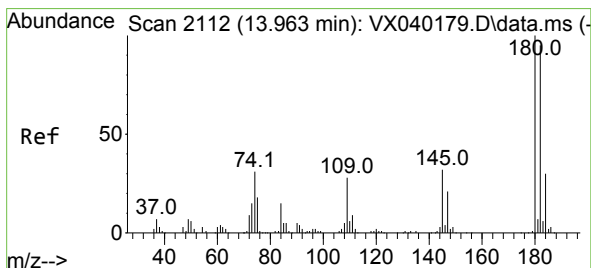
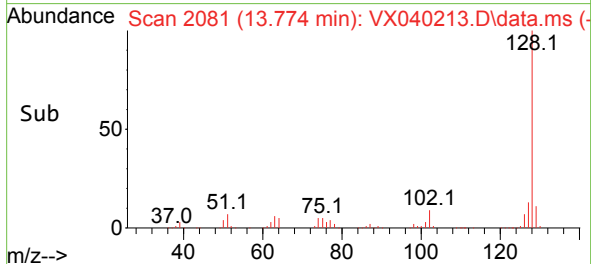
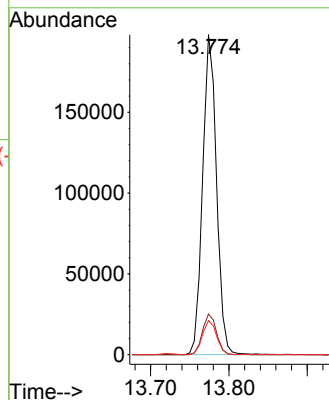
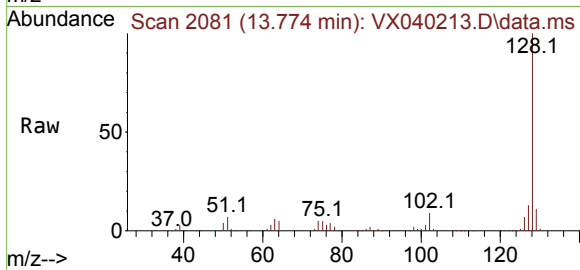
Tgt Ion:128 Resp: 243513

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 51.918 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX040213.D

Acq: 14 Feb 2024 12:24

Tgt Ion:180 Resp: 72870

Ion Ratio Lower Upper

180 100

182 96.2 46.9 140.6

145 33.2 17.8 53.5

