

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034236.D
 Acq On : 22 Feb 2023 18:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 23 01:31:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	318947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	518423	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	480023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	241282	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	186639	43.450	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.900%
35) Dibromofluoromethane	5.385	113	161774	47.927	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.860%
50) Toluene-d8	8.647	98	615268	50.769	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.540%
62) 4-Bromofluorobenzene	11.079	95	241423	52.081	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.160%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	137595	49.925	ug/l	99
3) Chloromethane	1.294	50	197738	49.857	ug/l	97
4) Vinyl Chloride	1.374	62	199961	55.361	ug/l	99
5) Bromomethane	1.611	94	96427	73.524	ug/l	99
6) Chloroethane	1.685	64	117456	64.684	ug/l	100
7) Trichlorofluoromethane	1.886	101	298508	61.087	ug/l	97
8) Diethyl Ether	2.130	74	115499	58.668	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	160190	46.548	ug/l	96
10) Methyl Iodide	2.453	142	204276	48.752	ug/l	95
11) Tert butyl alcohol	2.965	59	186511	194.133	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	158159	45.846	ug/l	93
13) Acrolein	2.233	56	90876	207.216	ug/l	100
14) Allyl chloride	2.666	41	307293	41.993	ug/l	90
15) Acrylonitrile	3.062	53	476846	227.517	ug/l	100
16) Acetone	2.380	43	420928	189.966	ug/l	92
17) Carbon Disulfide	2.514	76	423355	42.684	ug/l	99
18) Methyl Acetate	2.703	43	314548	45.877	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	562504	46.200	ug/l	98
20) Methylene Chloride	2.788	84	181791	45.533	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	170545	47.179	ug/l	99
22) Diisopropyl ether	3.757	45	627606	48.921	ug/l	95
23) Vinyl Acetate	3.721	43	2429582	236.375	ug/l	100
24) 1,1-Dichloroethane	3.611	63	323460	45.927	ug/l	100
25) 2-Butanone	4.550	43	690543	215.385	ug/l	100
26) 2,2-Dichloropropane	4.471	77	280273	43.929	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	205641	48.040	ug/l	97
28) Bromochloromethane	4.897	49	142253	45.277	ug/l	89
29) Tetrahydrofuran	5.001	42	445069	227.558	ug/l	99
30) Chloroform	5.092	83	320340	47.368	ug/l	100
31) Cyclohexane	5.470	56	295753	46.117	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	281500	46.433	ug/l	99
36) 1,1-Dichloropropene	5.690	75	239870	48.051	ug/l	99
37) Ethyl Acetate	4.708	43	266551	47.778	ug/l	99
38) Carbon Tetrachloride	5.678	117	247344	48.151	ug/l	96
39) Methylcyclohexane	7.379	83	305910	47.619	ug/l	98
40) Benzene	6.037	78	733522	49.584	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	151690	48.801	ug/l	99
42) 1,2-Dichloroethane	6.086	62	246529	47.383	ug/l	100
43) Isopropyl Acetate	6.336	43	463910	47.121	ug/l	99
44) Trichloroethene	7.123	130	190595	50.205	ug/l	91
45) 1,2-Dichloropropane	7.427	63	194688	49.437	ug/l	100
46) Dibromomethane	7.580	93	126864	48.949	ug/l	90
47) Bromodichloromethane	7.824	83	256132	48.155	ug/l	98
48) Methyl methacrylate	7.690	41	220813	47.255	ug/l	98
49) 1,4-Dioxane	7.677	88	82905	889.504	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	1398894	258.264	ug/l	99
52) Toluene	8.720	92	471367	52.586	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	301790	49.293	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	317549	48.449	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	192065	53.084	ug/l	98
56) Ethyl methacrylate	9.116	69	312320	51.027	ug/l	97
57) 1,3-Dichloropropane	9.305	76	326001	51.787	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	661474	249.478	ug/l	96
59) 2-Hexanone	9.427	43	1054071	255.349	ug/l	99
60) Dibromochloromethane	9.518	129	206614	51.682	ug/l	100
61) 1,2-Dibromoethane	9.610	107	199072	52.024	ug/l	99
64) Tetrachloroethene	9.275	164	164615	48.589	ug/l	97
65) Chlorobenzene	10.079	112	506651	50.634	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	193179	49.871	ug/l	98
67) Ethyl Benzene	10.195	91	906597	50.433	ug/l	99
68) m/p-Xylenes	10.299	106	708510	102.991	ug/l	96
69) o-Xylene	10.640	106	354274	51.729	ug/l	97
70) Styrene	10.652	104	587163	52.714	ug/l	97
71) Bromoform	10.799	173	152767	48.316	ug/l #	98
73) Isopropylbenzene	10.963	105	910234	49.499	ug/l	100
74) N-amyl acetate	10.841	43	441556	47.796	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	292898	46.570	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	337649	55.614	ug/l	83
77) Bromobenzene	11.195	156	217793	49.216	ug/l	85
78) n-propylbenzene	11.305	91	1081898	50.588	ug/l	97
79) 2-Chlorotoluene	11.366	91	641376	48.909	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	780170	50.463	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	102669	43.441	ug/l	92
82) 4-Chlorotoluene	11.451	91	756692	50.662	ug/l	96
83) tert-Butylbenzene	11.713	119	792496	50.050	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	779415	49.860	ug/l	98
85) sec-Butylbenzene	11.890	105	986491	51.303	ug/l	97
86) p-Isopropyltoluene	12.012	119	813359	51.111	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	412060	49.651	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	419434	50.106	ug/l	97
89) n-Butylbenzene	12.335	91	724681	51.129	ug/l	98
90) Hexachloroethane	12.536	117	157867	47.447	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	401655	49.465	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62028	41.357	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	254661	48.850	ug/l	98
94) Hexachlorobutadiene	13.725	225	100792	46.639	ug/l	99
95) Naphthalene	13.774	128	838401	47.741	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	250666	48.433	ug/l	99

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QLast Update : Fri Feb 17 12:33:35 2023
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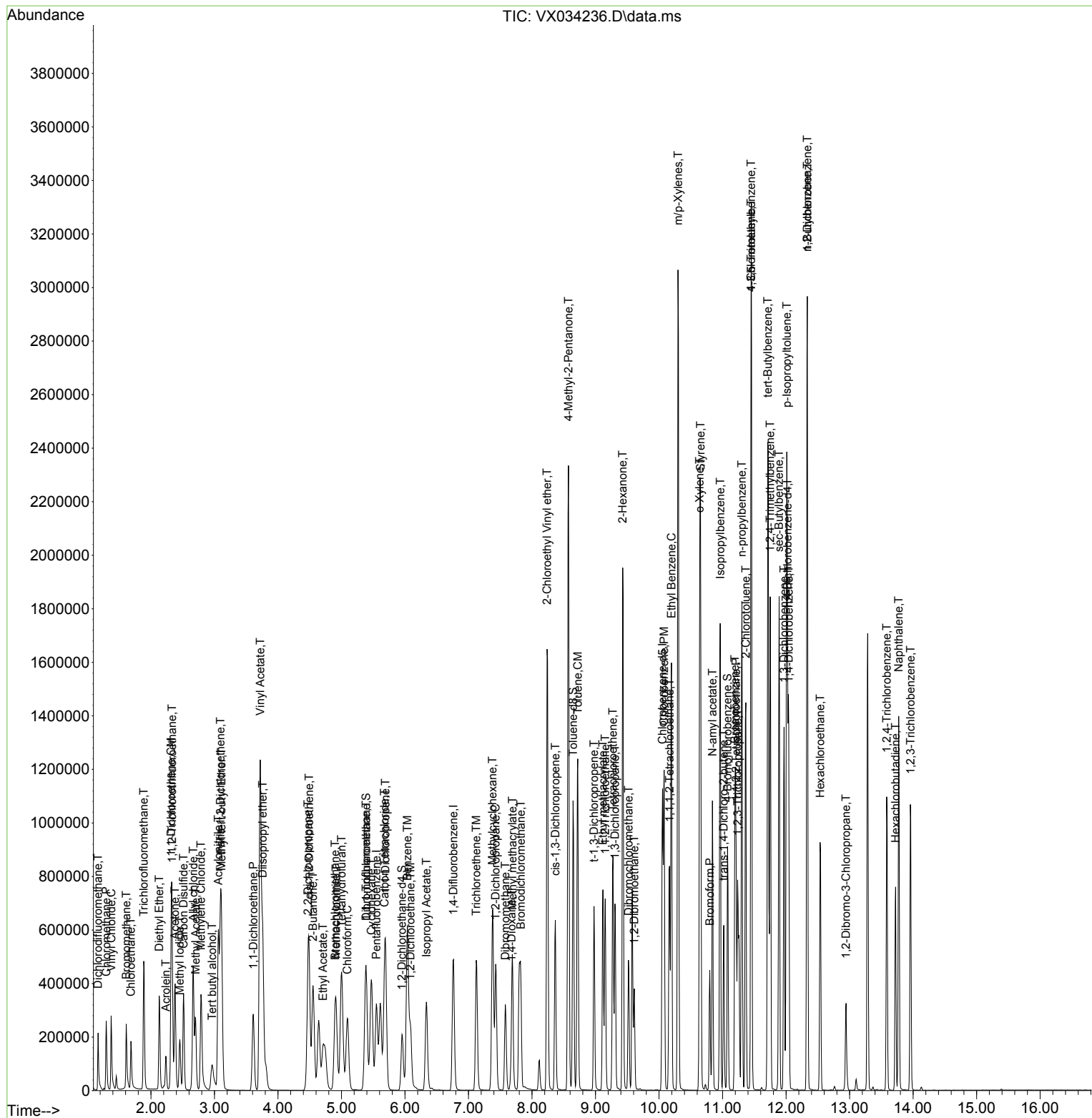
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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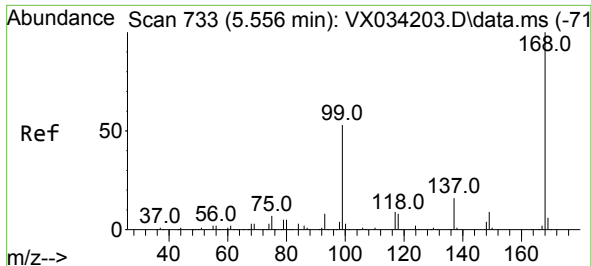
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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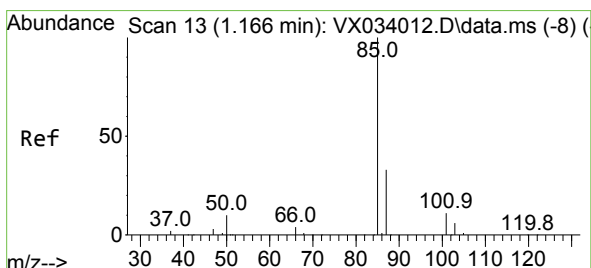
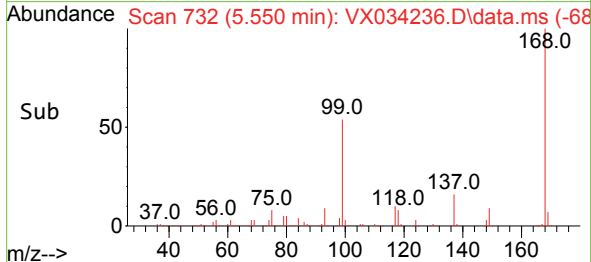
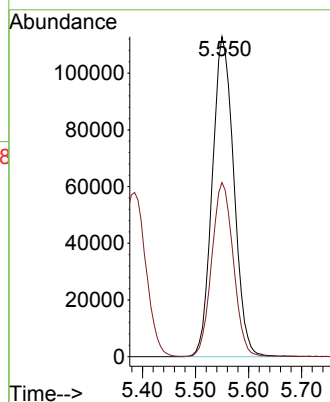
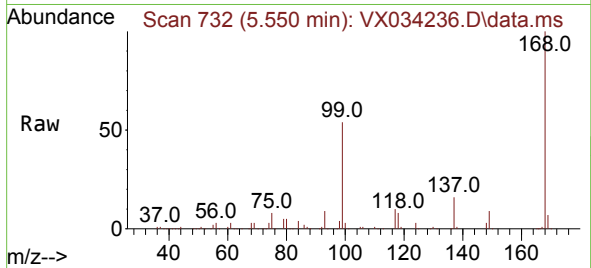




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034236.D
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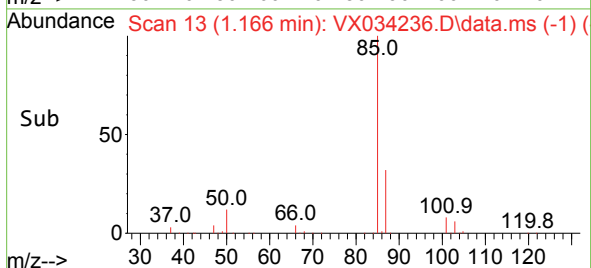
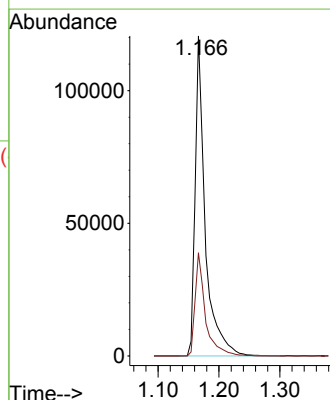
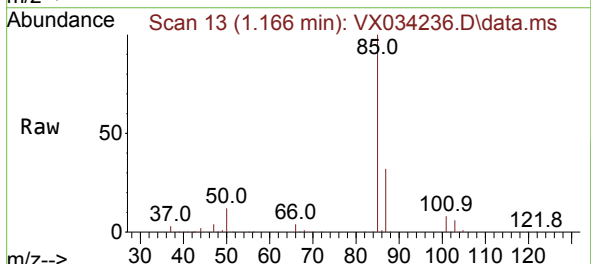
Instrument :
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VSTDCCC050EC

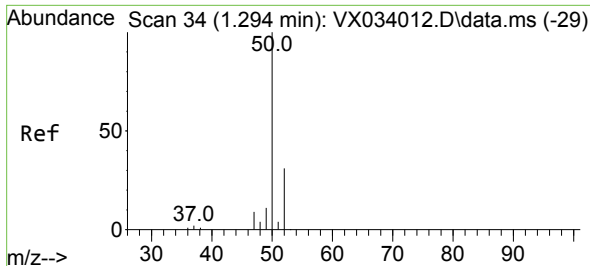
Tgt Ion:168 Resp: 318947
Ion Ratio Lower Upper
168 100
99 54.3 39.6 59.4



#2
Dichlorodifluoromethane
Concen: 49.925 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 85 Resp: 137595
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4

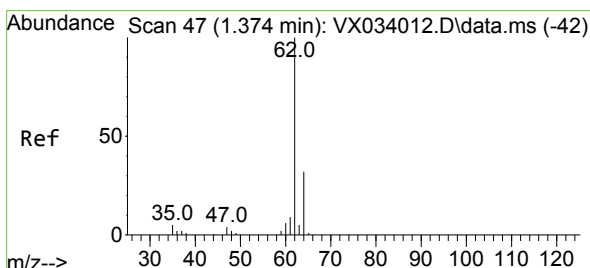
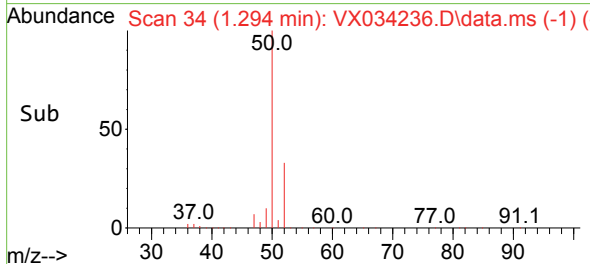
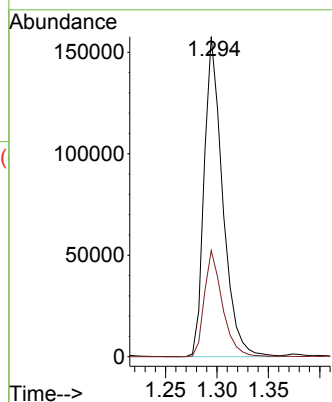
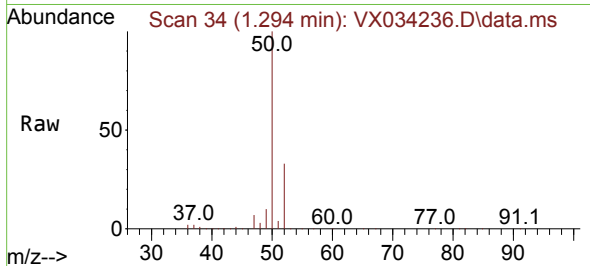




#3
Chloromethane
Concen: 49.857 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

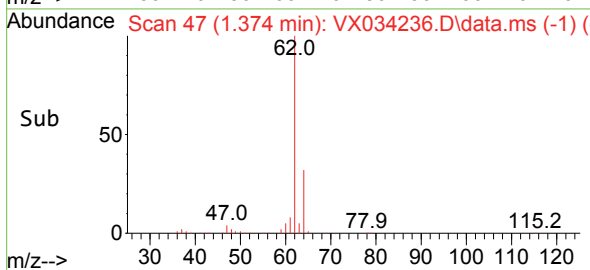
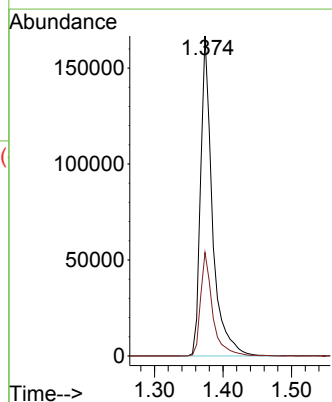
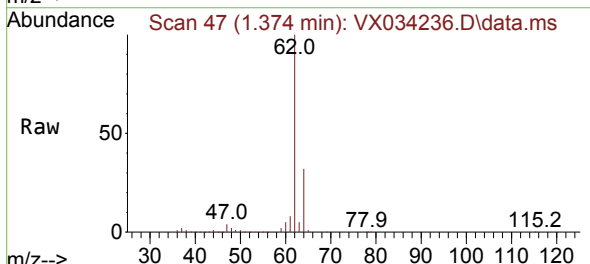
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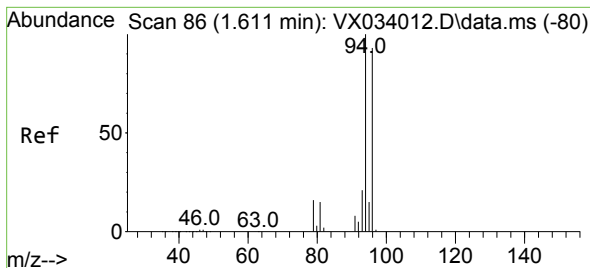
Tgt Ion: 50 Resp: 197738
Ion Ratio Lower Upper
50 100
52 33.2 25.2 37.8



#4
Vinyl Chloride
Concen: 55.361 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 62 Resp: 199961
Ion Ratio Lower Upper
62 100
64 32.4 26.2 39.4





#5

Bromomethane

Concen: 73.524 ug/l

RT: 1.611 min Scan# 80

Delta R.T. 0.012 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

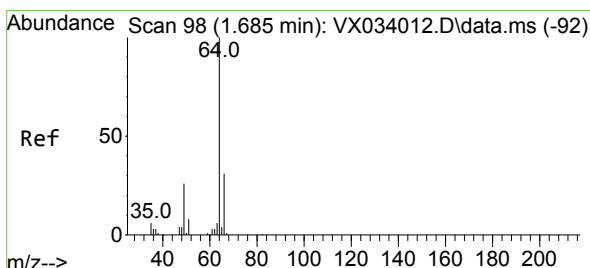
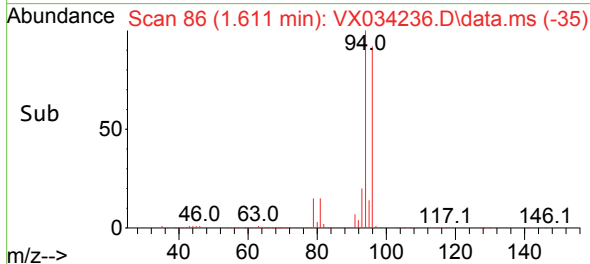
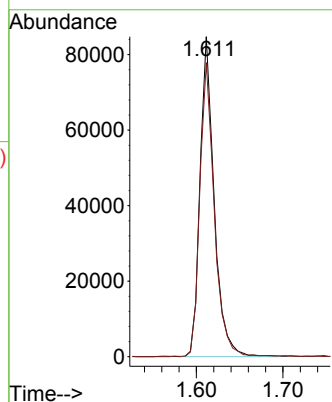
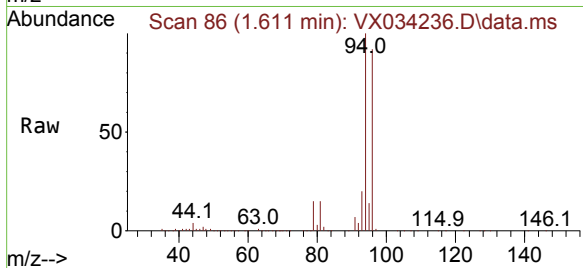
VSTDCCC050EC

Tgt Ion: 94 Resp: 96427

Ion Ratio Lower Upper

94 100

96 91.8 74.3 111.5



#6

Chloroethane

Concen: 64.684 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.000 min

Lab File: VX034236.D

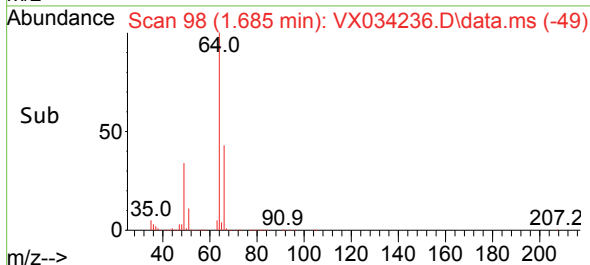
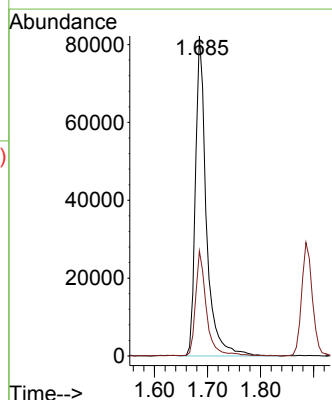
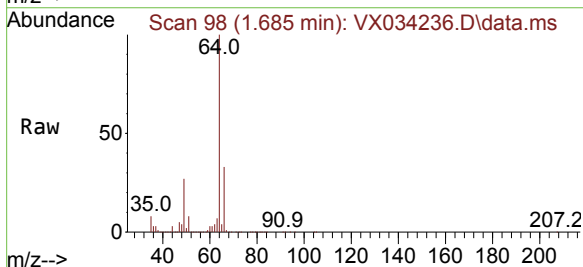
Acq: 22 Feb 2023 18:04

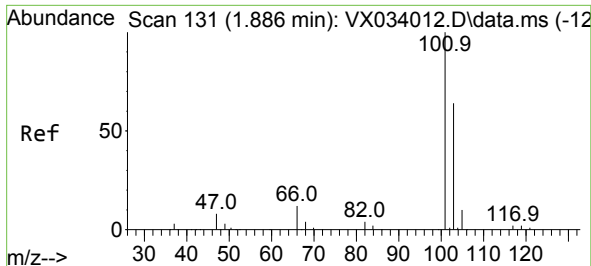
Tgt Ion: 64 Resp: 117456

Ion Ratio Lower Upper

64 100

66 32.8 26.1 39.1

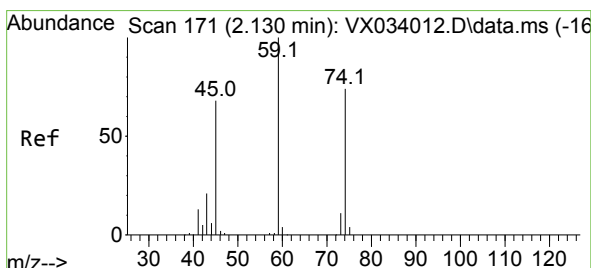
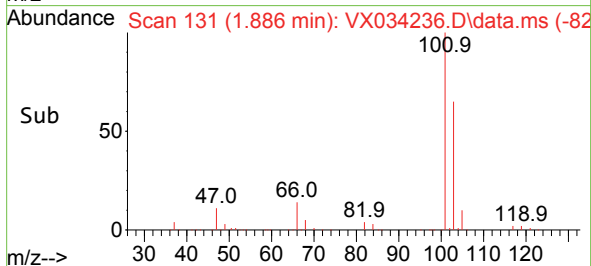
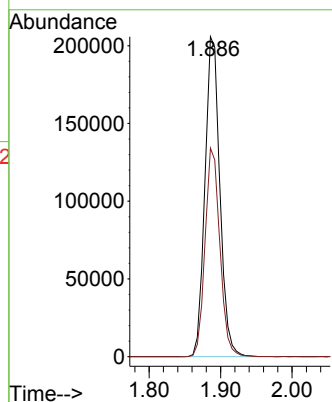
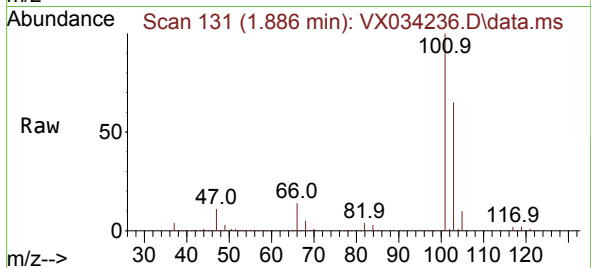




#7
Trichlorofluoromethane
Concen: 61.087 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

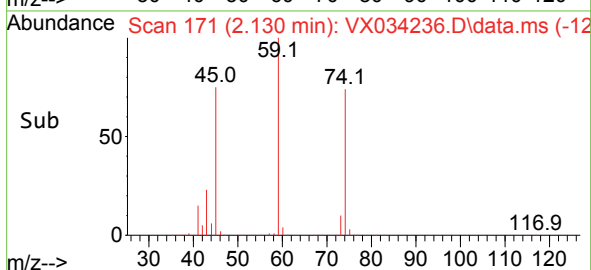
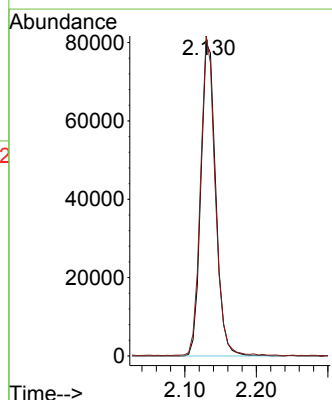
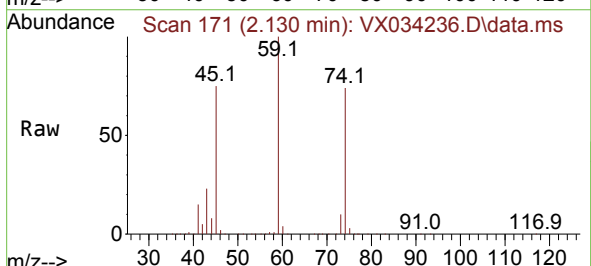
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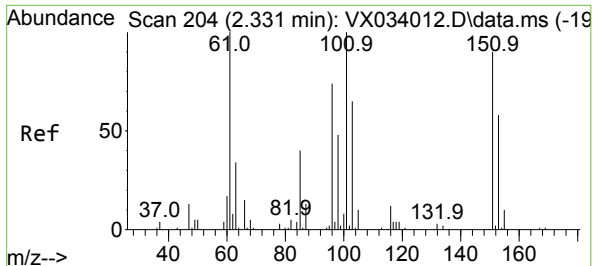
Tgt Ion:101 Resp: 298508
Ion Ratio Lower Upper
101 100
103 65.2 50.6 75.8



#8
Diethyl Ether
Concen: 58.668 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 74 Resp: 115499
Ion Ratio Lower Upper
74 100
45 101.3 51.5 154.5

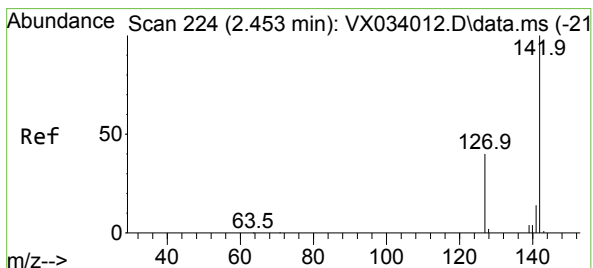
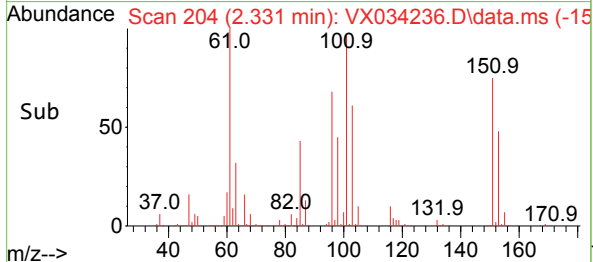
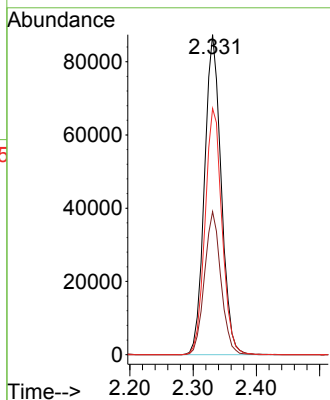
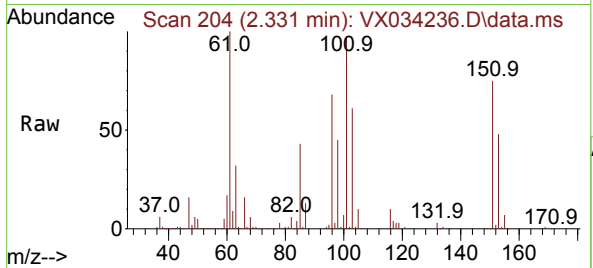




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.548 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

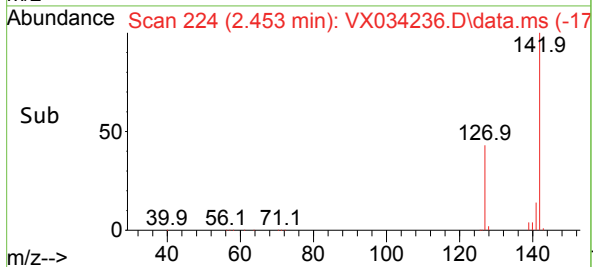
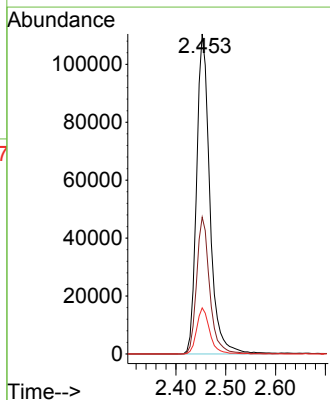
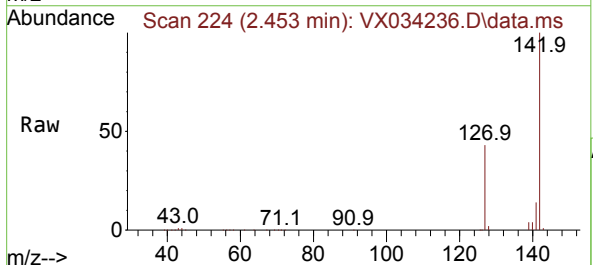
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

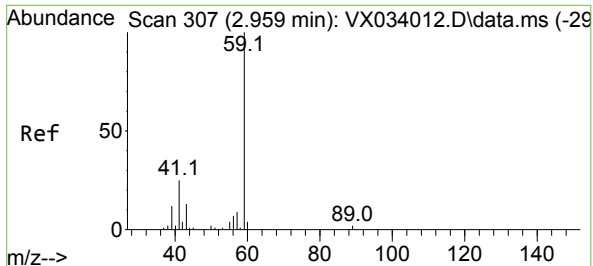
Tgt Ion:101 Resp: 160190
Ion Ratio Lower Upper
101 100
85 44.1 36.7 55.1
151 78.3 66.5 99.7



#10
Methyl Iodide
Concen: 48.752 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion:142 Resp: 204276
Ion Ratio Lower Upper
142 100
127 42.1 37.3 55.9
141 14.2 11.5 17.3

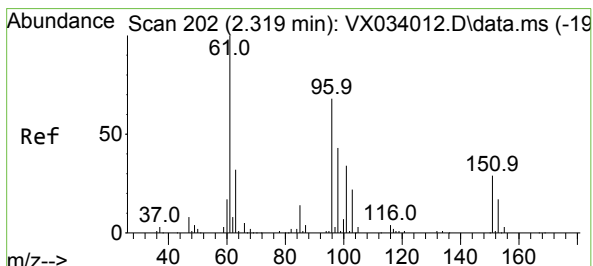
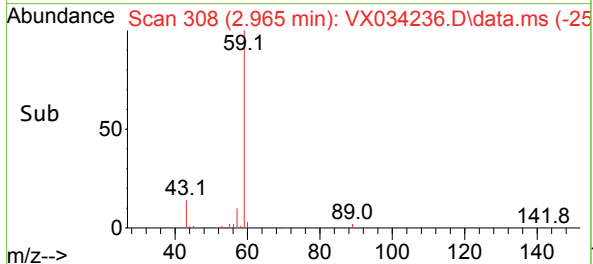
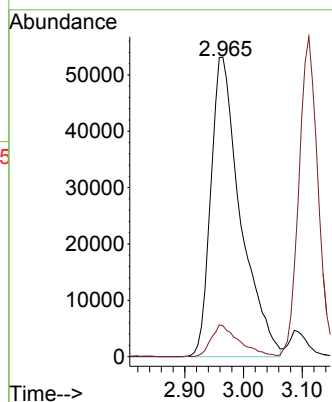
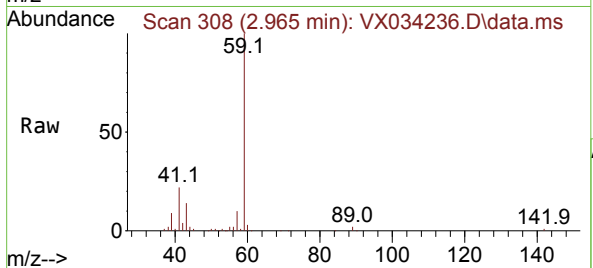




#11
Tert butyl alcohol
Concen: 194.133 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.012 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

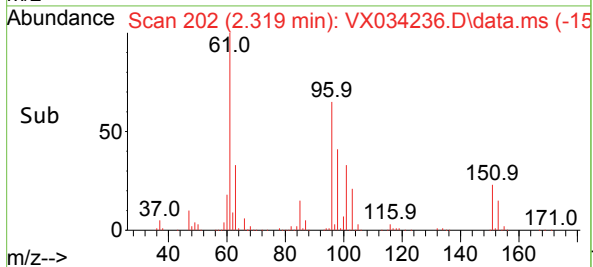
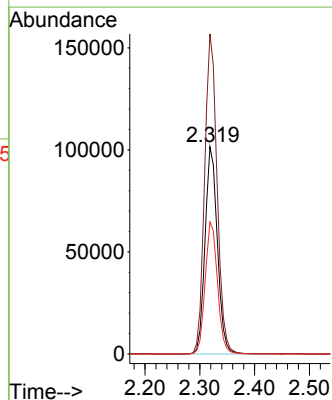
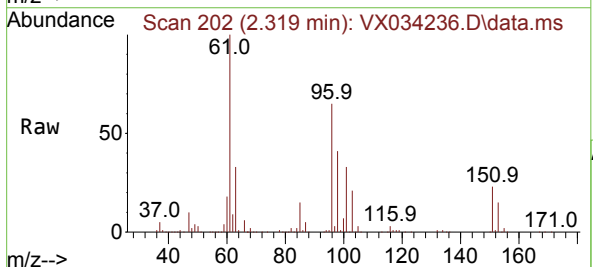
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

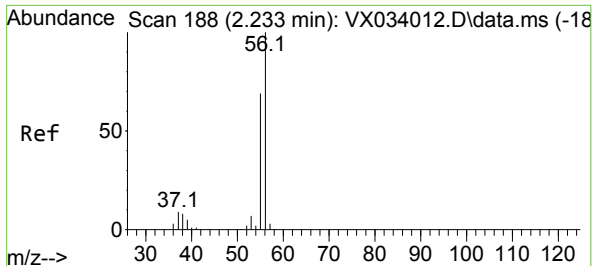
Tgt Ion: 59 Resp: 186511
Ion Ratio Lower Upper
59 100
57 10.1 3.7 5.5#



#12
1,1-Dichloroethene
Concen: 45.846 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 96 Resp: 158159
Ion Ratio Lower Upper
96 100
61 154.5 134.2 201.4
98 63.7 50.2 75.2

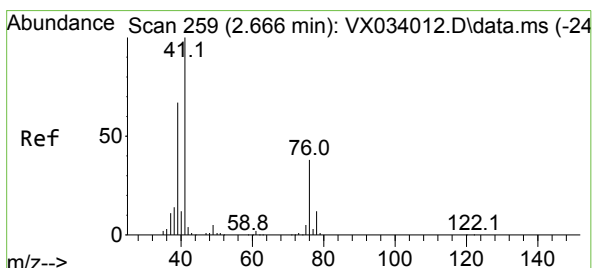
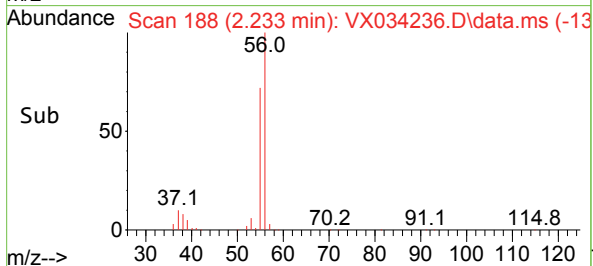
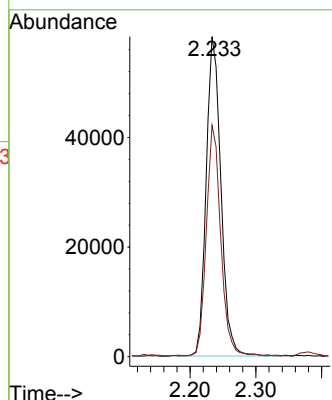
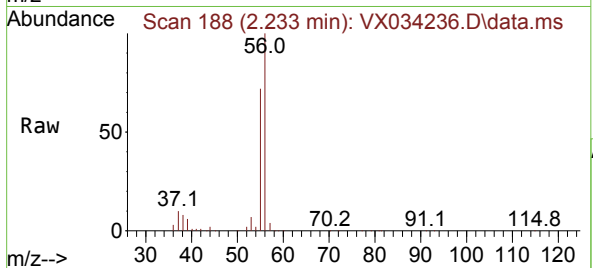




#13
Acrolein
Concen: 207.216 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

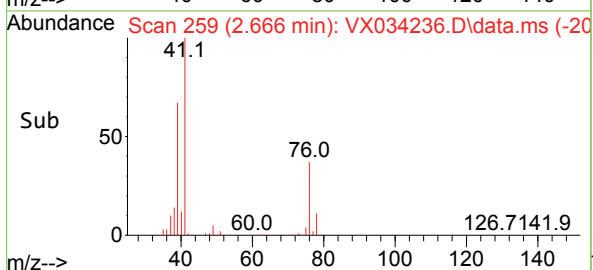
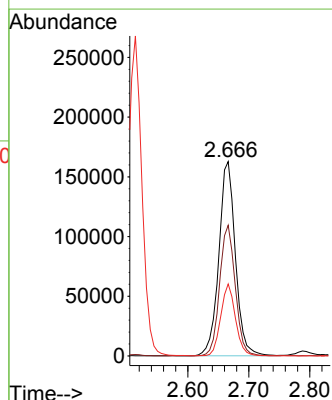
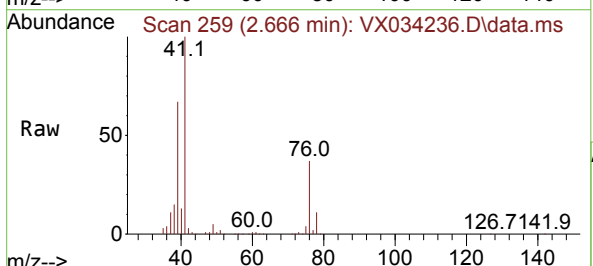
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

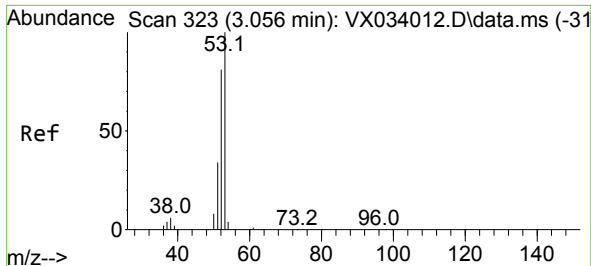
Tgt Ion: 56 Resp: 90876
Ion Ratio Lower Upper
56 100
55 70.2 56.3 84.5



#14
Allyl chloride
Concen: 41.993 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 41 Resp: 307293
Ion Ratio Lower Upper
41 100
39 63.2 59.0 88.4
76 32.9 24.6 37.0

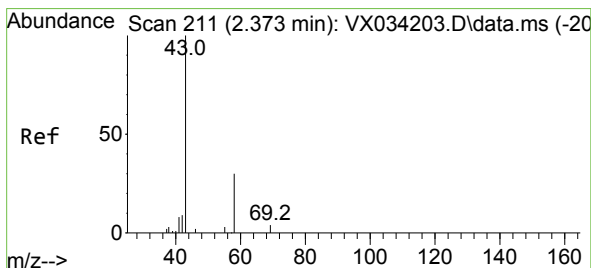
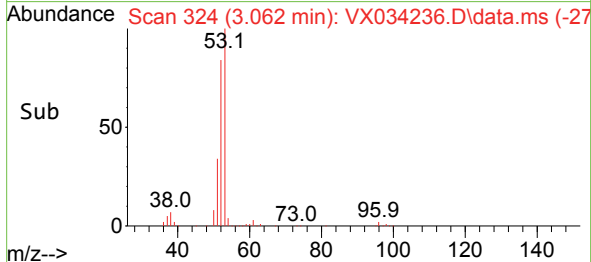
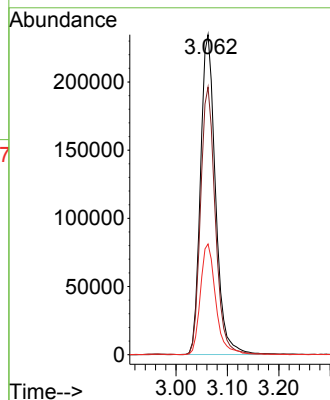
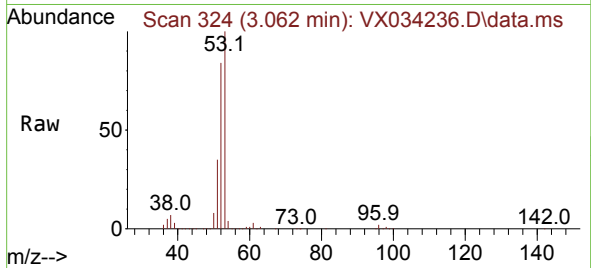




#15
Acrylonitrile
Concen: 227.517 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

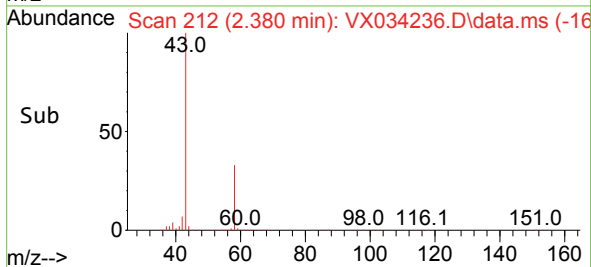
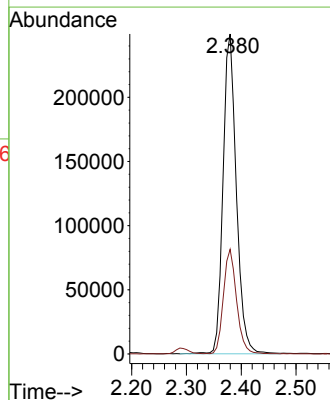
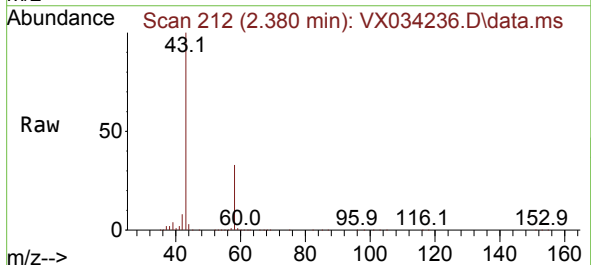
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

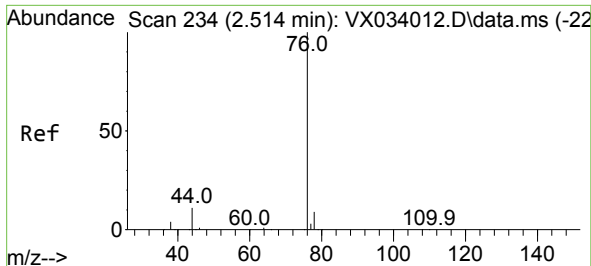
Tgt Ion: 53 Resp: 476846
Ion Ratio Lower Upper
53 100
52 82.2 65.7 98.5
51 35.5 29.0 43.4



#16
Acetone
Concen: 189.966 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 43 Resp: 420928
Ion Ratio Lower Upper
43 100
58 32.6 22.6 33.8





#17

Carbon Disulfide

Concen: 42.684 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

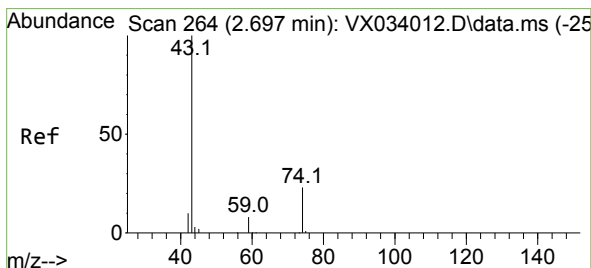
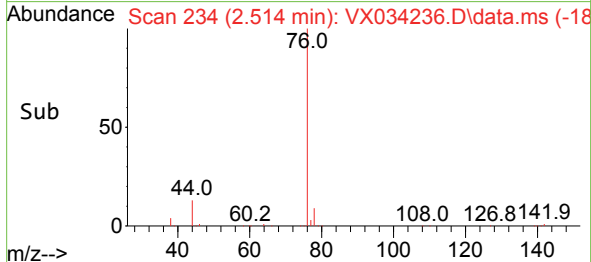
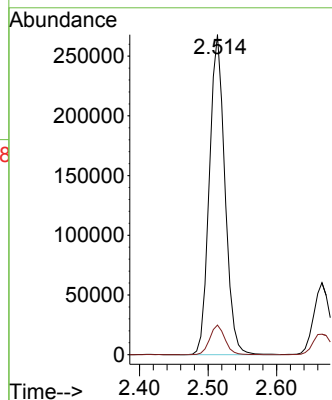
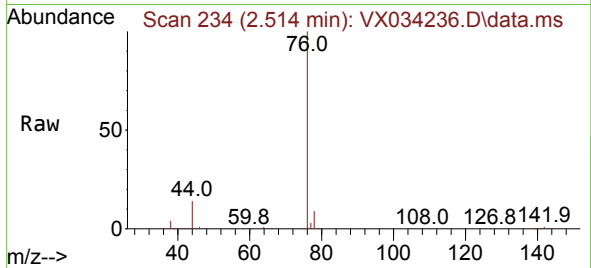
VSTDCCC050EC

Tgt Ion: 76 Resp: 423355

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



#18

Methyl Acetate

Concen: 45.877 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX034236.D

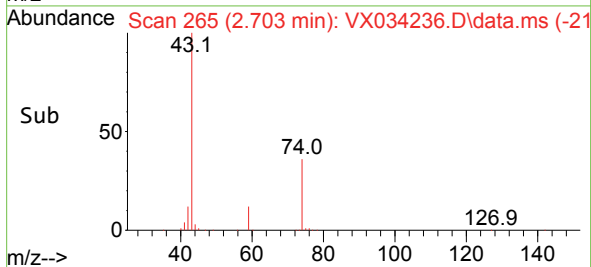
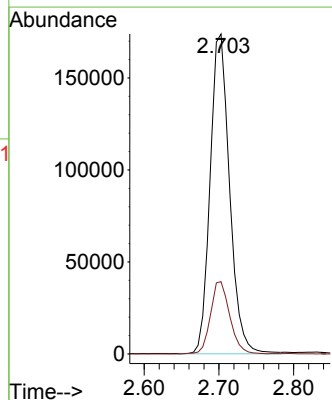
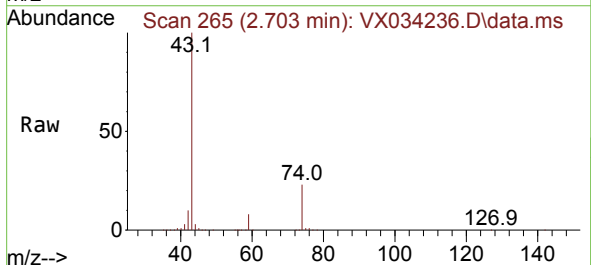
Acq: 22 Feb 2023 18:04

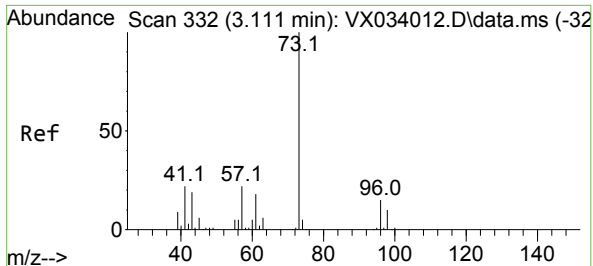
Tgt Ion: 43 Resp: 314548

Ion Ratio Lower Upper

43 100

74 22.5 18.2 27.4

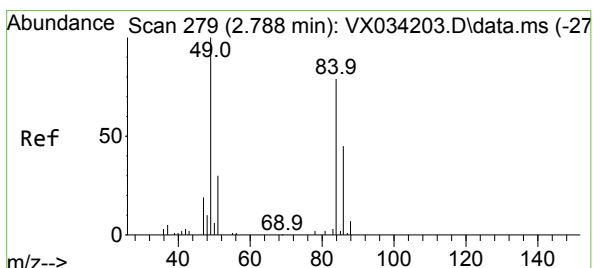
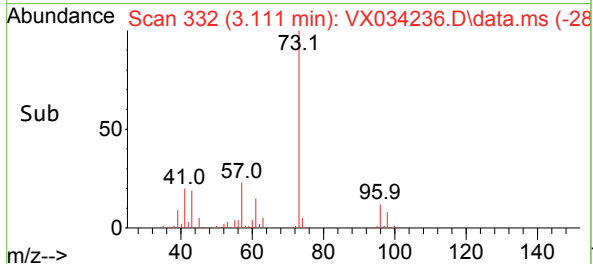
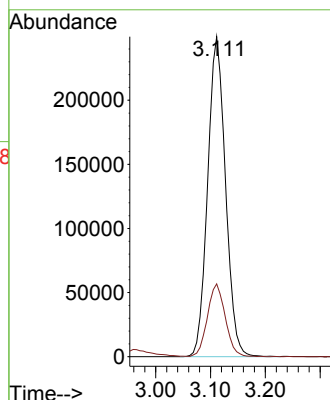
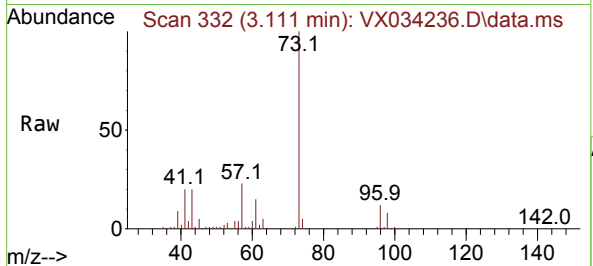




#19
Methyl tert-butyl Ether
Concen: 46.200 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

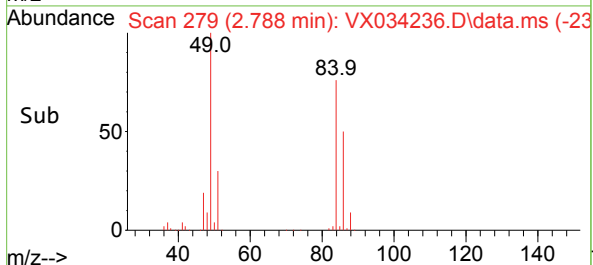
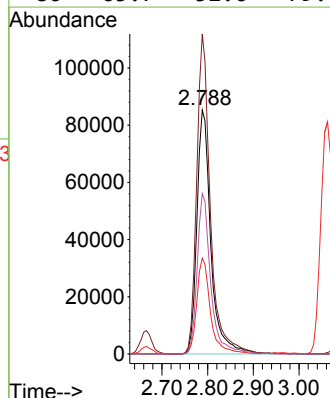
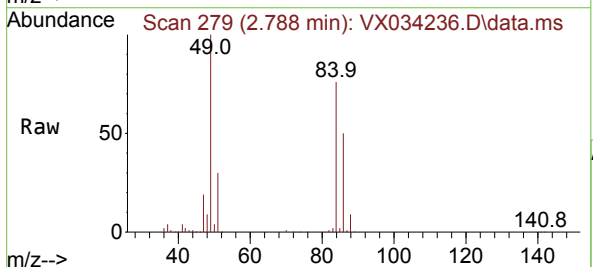
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

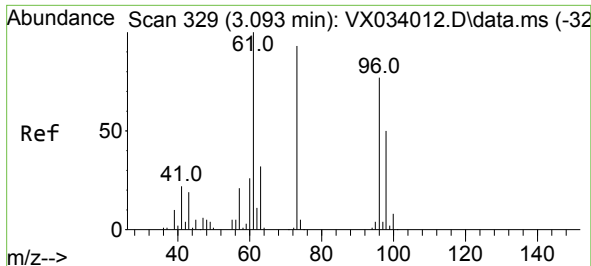
Tgt Ion: 73 Resp: 562504
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.0



#20
Methylene Chloride
Concen: 45.533 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 84 Resp: 181791
Ion Ratio Lower Upper
84 100
49 131.2 101.1 151.7
51 39.3 31.0 46.6
86 65.7 52.6 79.0

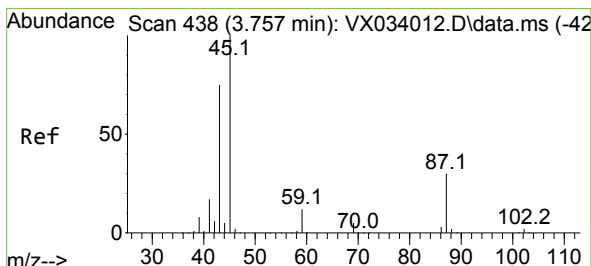
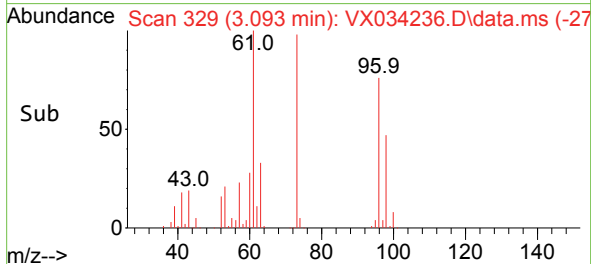
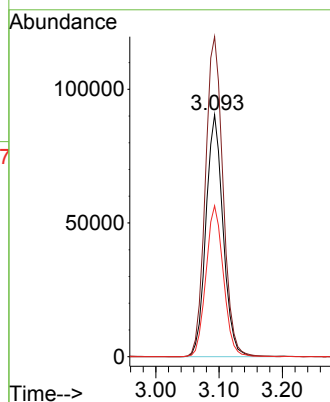
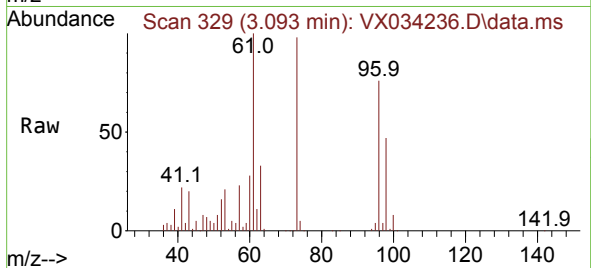




#21
trans-1,2-Dichloroethene
Concen: 47.179 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

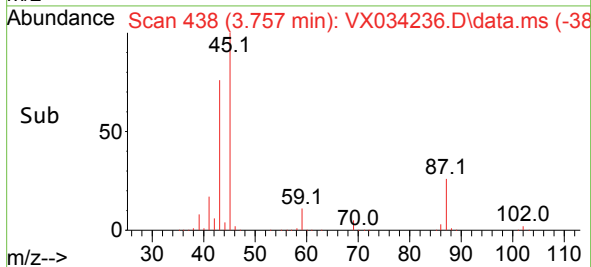
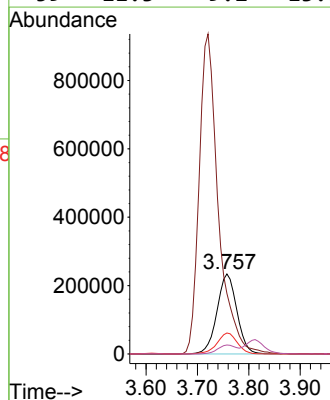
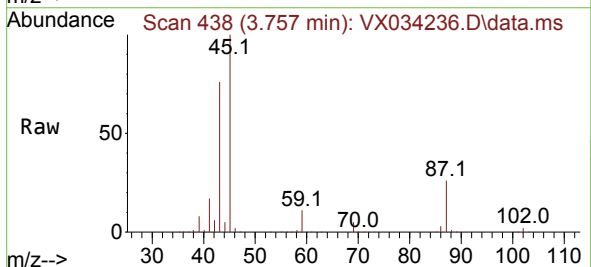
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

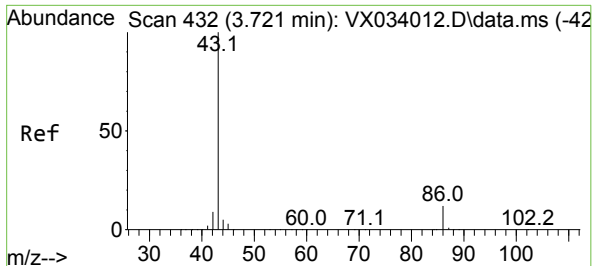
Tgt Ion: 96 Resp: 170545
Ion Ratio Lower Upper
96 100
61 132.3 106.7 160.1
98 62.4 50.0 75.0



#22
Diisopropyl ether
Concen: 48.921 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 45 Resp: 627606
Ion Ratio Lower Upper
45 100
43 75.6 64.6 97.0
87 26.3 21.9 32.9
59 11.3 9.2 13.8

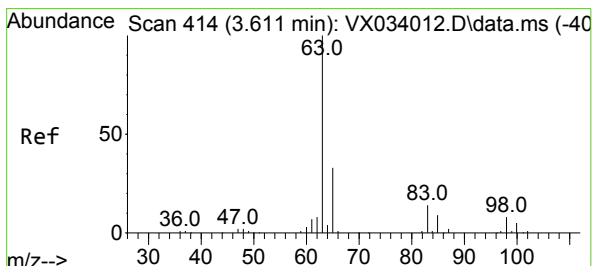
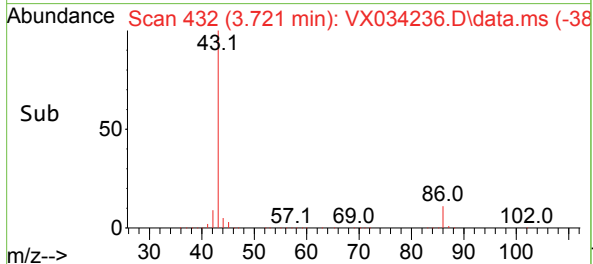
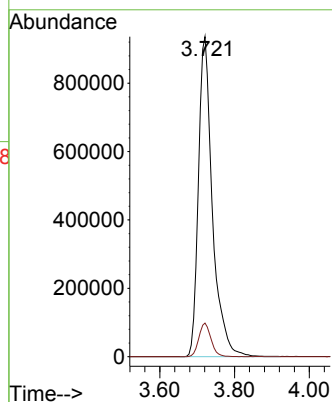
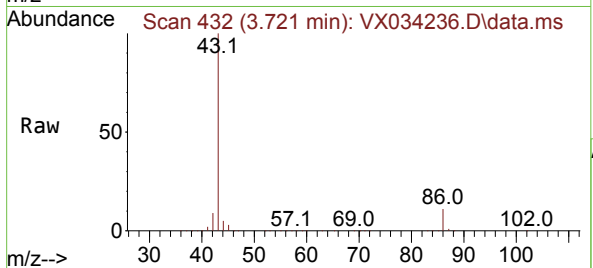




#23
 Vinyl Acetate
 Concen: 236.375 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034236.D
 Acq: 22 Feb 2023 18:04

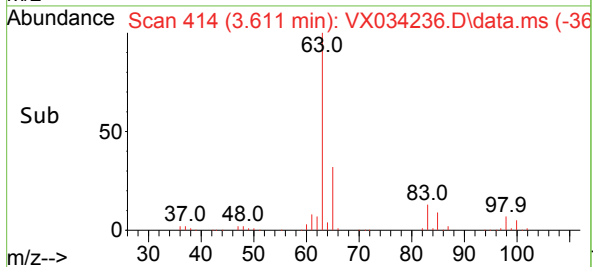
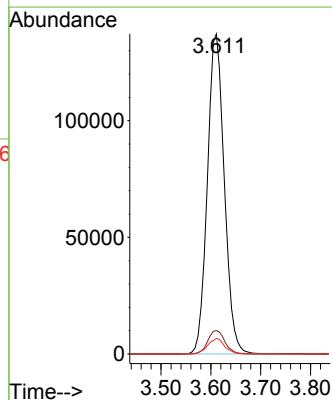
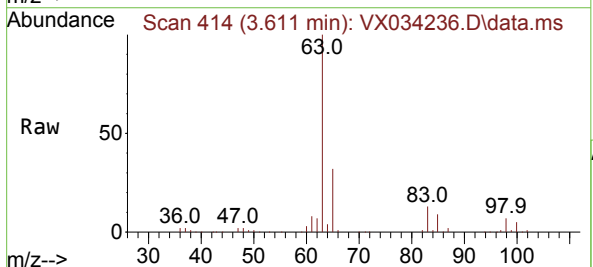
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

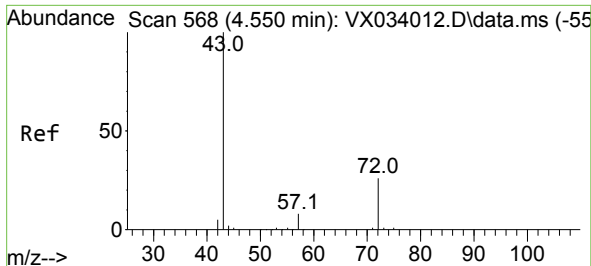
Tgt Ion: 43 Resp: 2429582
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 45.927 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034236.D
 Acq: 22 Feb 2023 18:04

Tgt Ion: 63 Resp: 323460
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 4.9 2.4 7.2

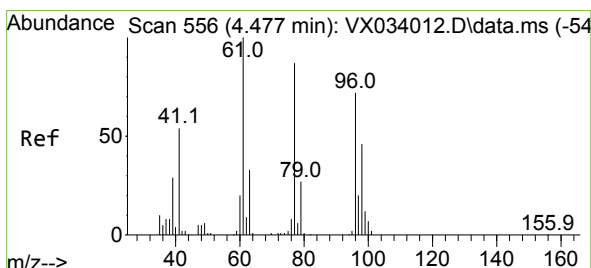
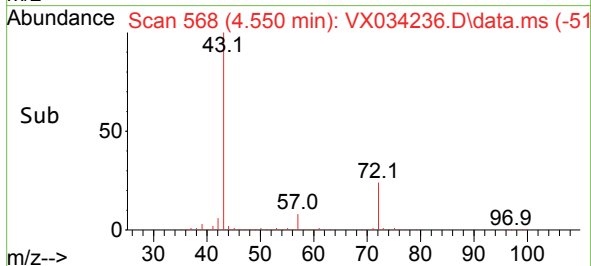
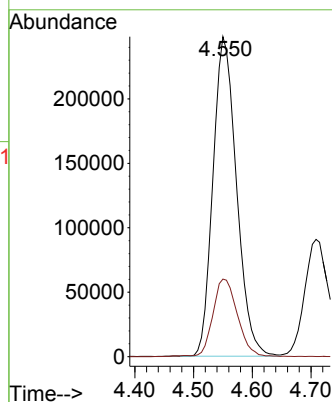
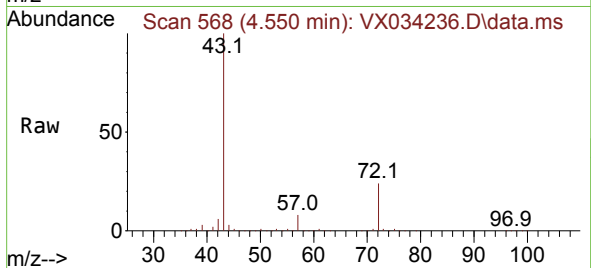




#25
2-Butanone
Concen: 215.385 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

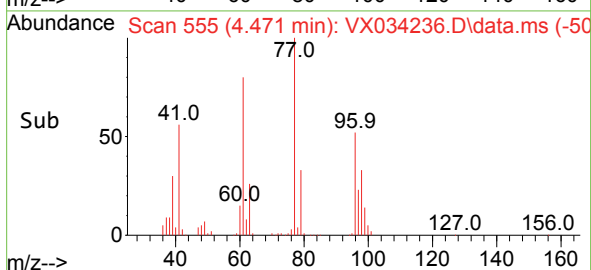
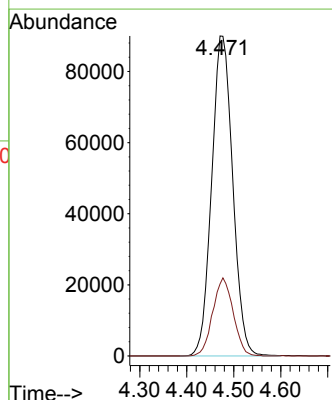
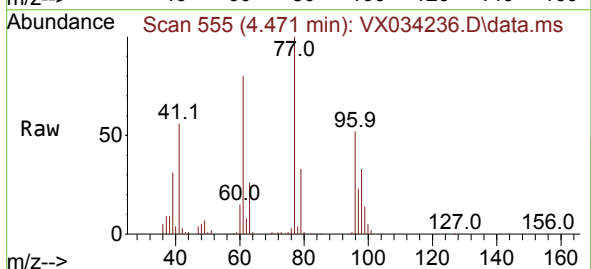
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

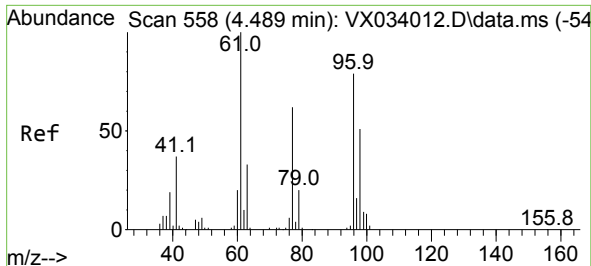
Tgt Ion: 43 Resp: 690543
Ion Ratio Lower Upper
43 100
72 24.2 19.4 29.2



#26
2,2-Dichloropropane
Concen: 43.929 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 77 Resp: 280273
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 48.040 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

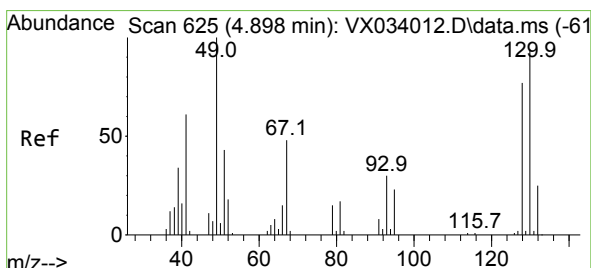
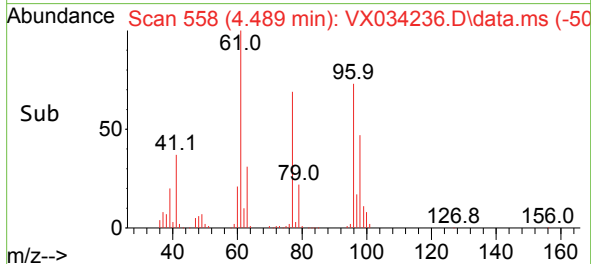
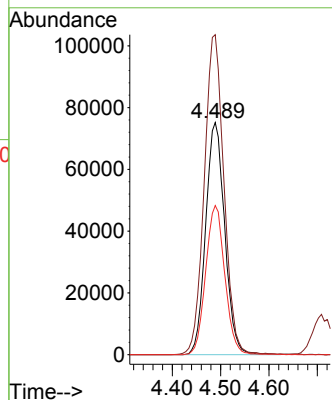
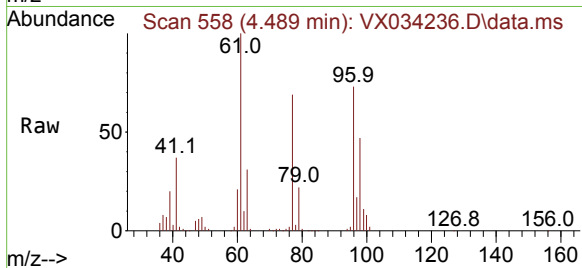
Tgt Ion: 96 Resp: 205641

Ion Ratio Lower Upper

96 100

61 142.9 0.0 277.6

98 64.8 0.0 128.0



#28

Bromochloromethane

Concen: 45.277 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

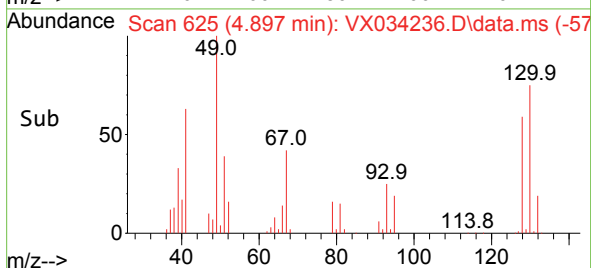
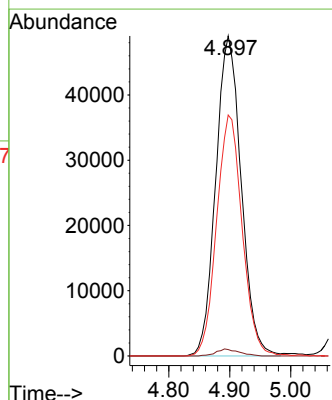
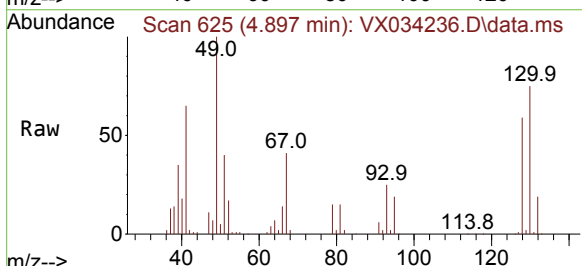
Tgt Ion: 49 Resp: 142253

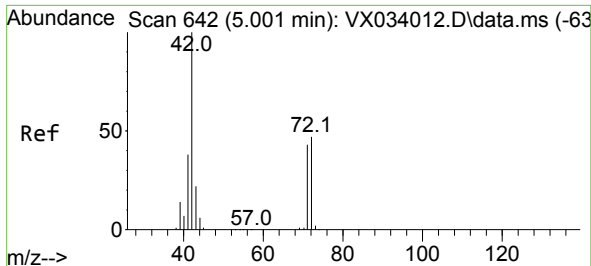
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 75.6 68.5 102.7





#29

Tetrahydrofuran

Concen: 227.558 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

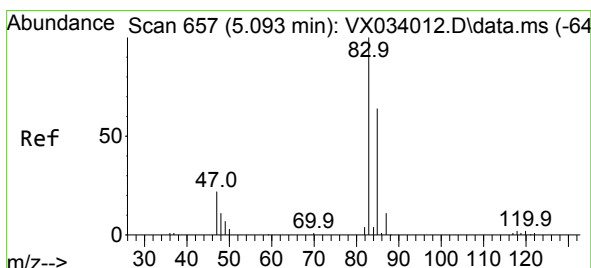
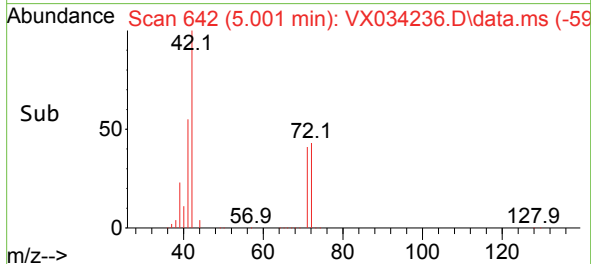
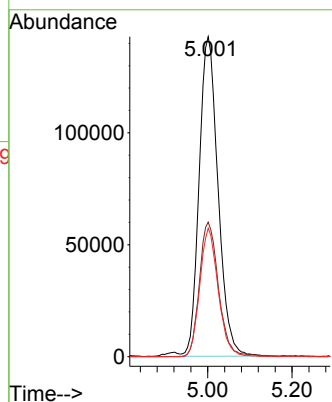
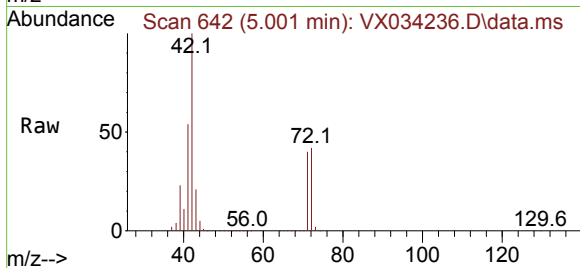
Tgt Ion: 42 Resp: 445069

Ion Ratio Lower Upper

42 100

72 42.6 34.8 52.2

71 39.2 32.2 48.2



#30

Chloroform

Concen: 47.368 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX034236.D

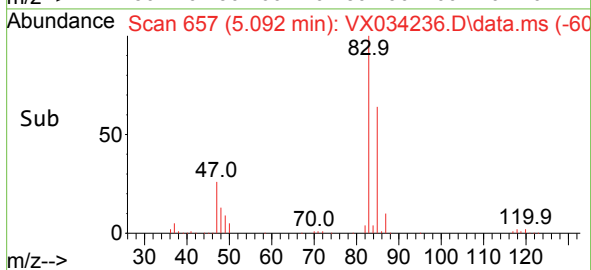
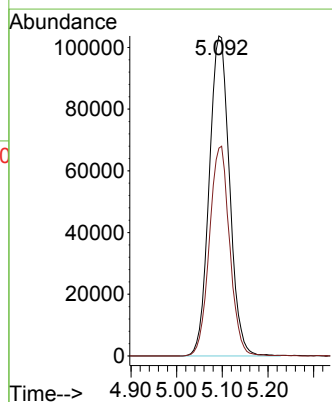
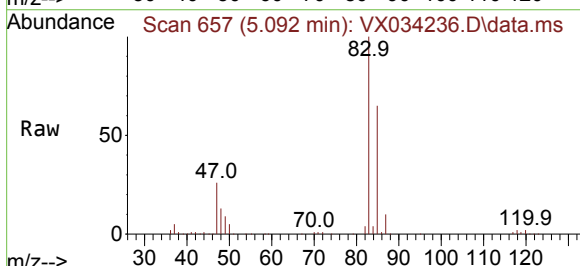
Acq: 22 Feb 2023 18:04

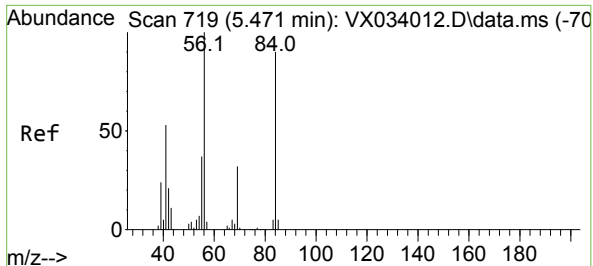
Tgt Ion: 83 Resp: 320340

Ion Ratio Lower Upper

83 100

85 65.0 52.1 78.1

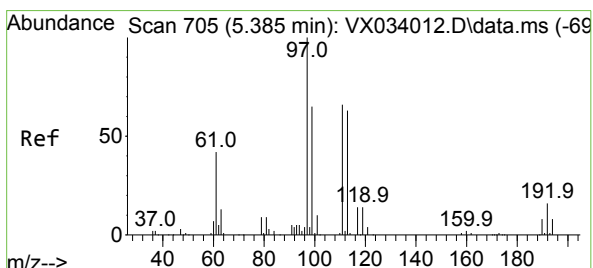
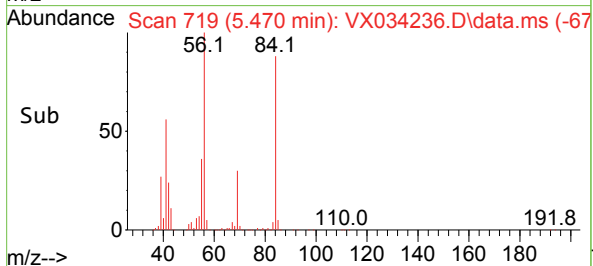
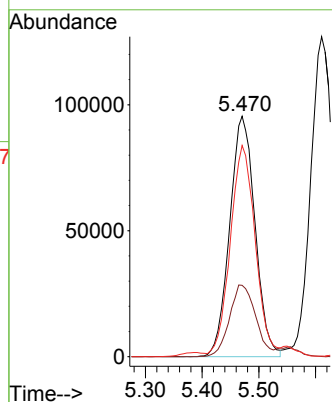
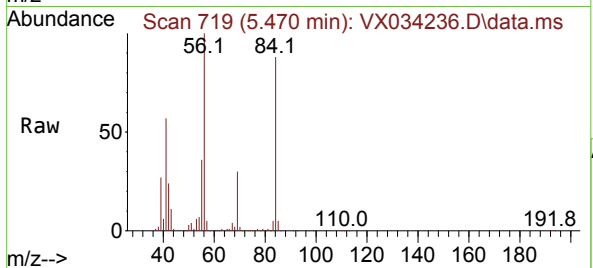




#31
Cyclohexane
Concen: 46.117 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

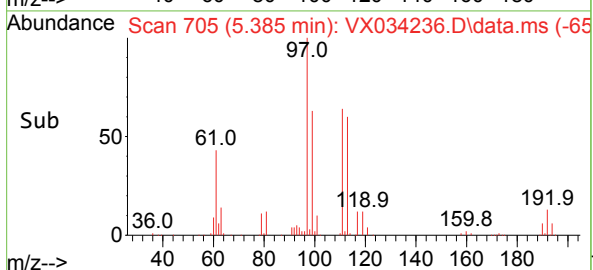
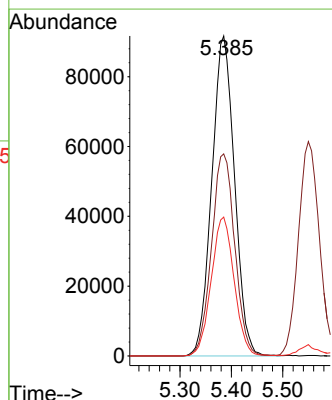
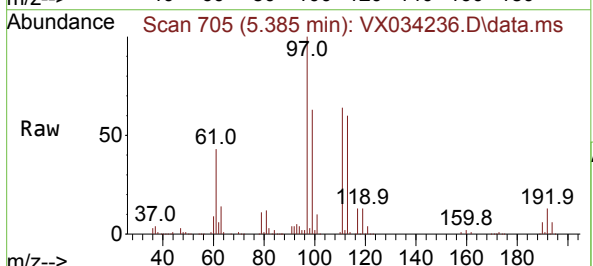
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

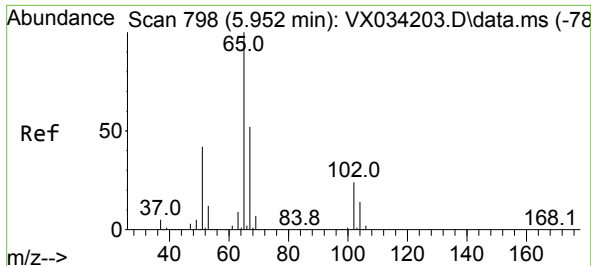
Tgt Ion: 56 Resp: 295753
Ion Ratio Lower Upper
56 100
69 29.7 24.6 37.0
84 86.9 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 46.433 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 97 Resp: 281500
Ion Ratio Lower Upper
97 100
99 64.5 52.3 78.5
61 43.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 43.450 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

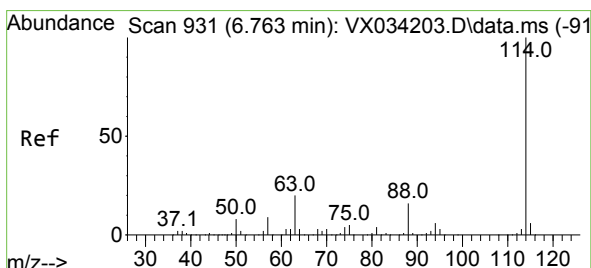
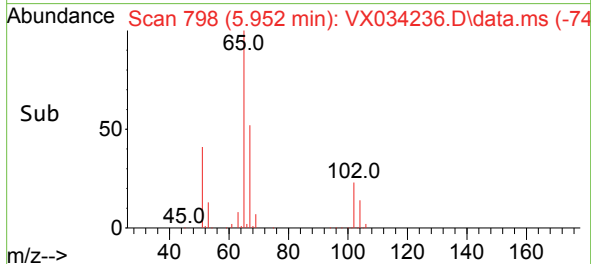
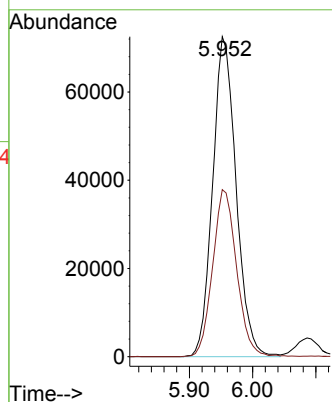
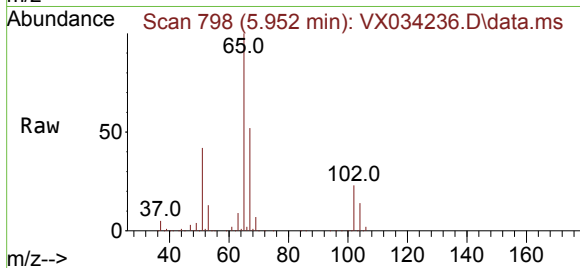
VSTDCCC050EC

Tgt Ion: 65 Resp: 186639

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

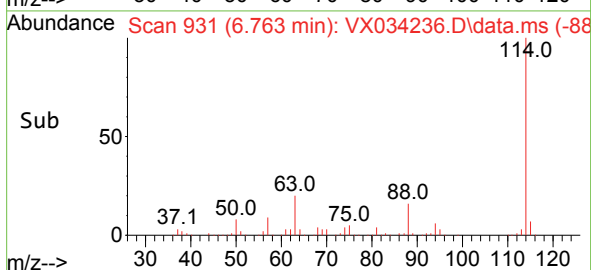
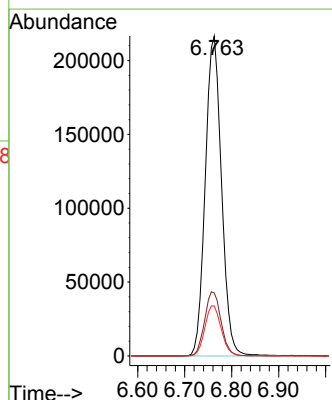
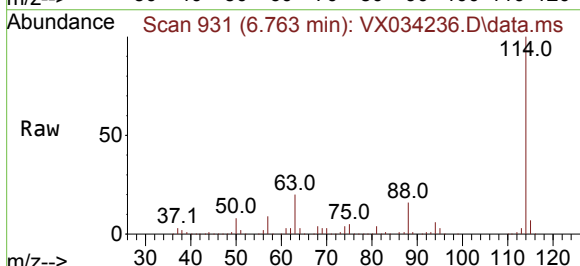
Tgt Ion: 114 Resp: 518423

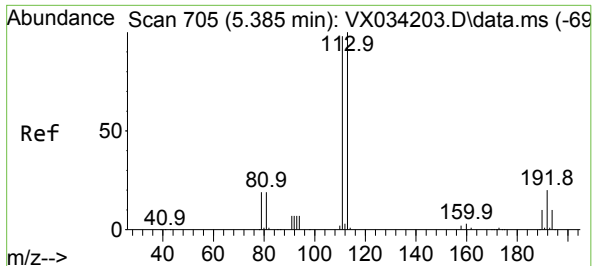
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 15.6 0.0 30.6

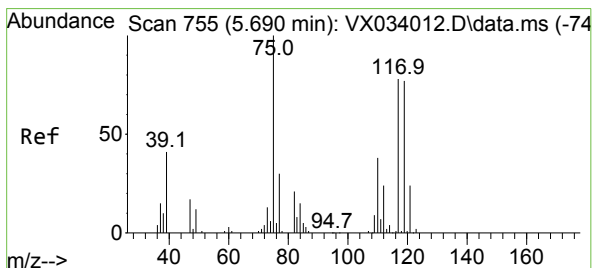
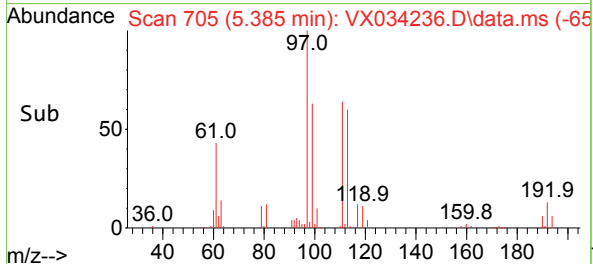
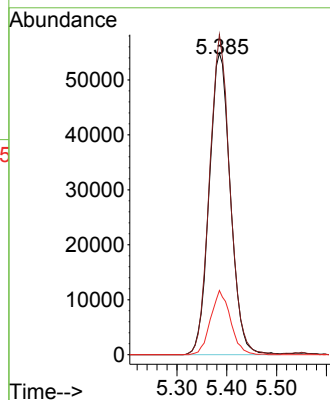
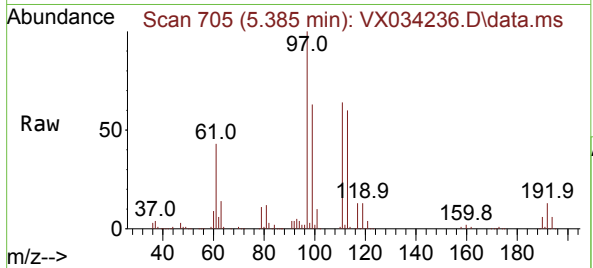




#35
Dibromofluoromethane
Concen: 47.927 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

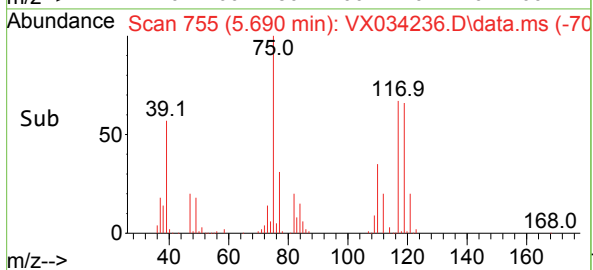
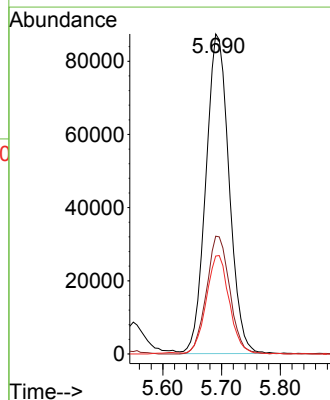
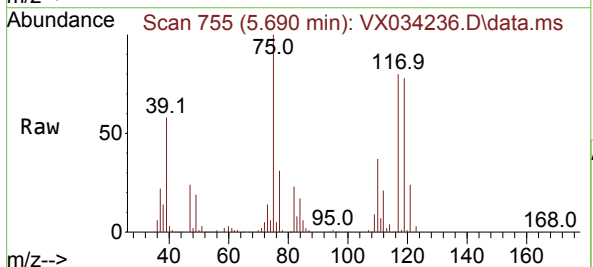
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

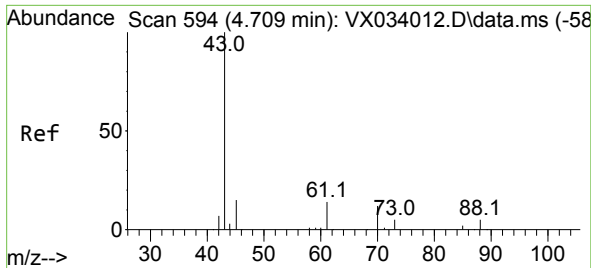
Tgt Ion:113 Resp: 161774
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.6
192 20.0 19.0 28.4



#36
1,1-Dichloropropene
Concen: 48.051 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 75 Resp: 239870
Ion Ratio Lower Upper
75 100
110 37.0 18.8 56.4
77 30.5 25.1 37.7





#37

Ethyl Acetate

Concen: 47.778 ug/l

RT: 4.708 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

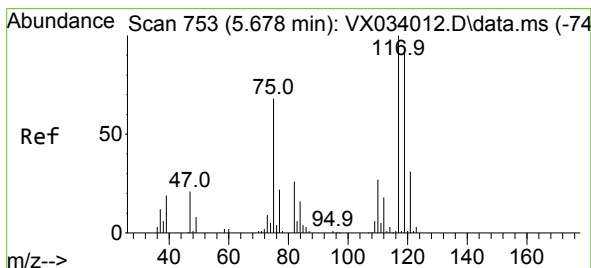
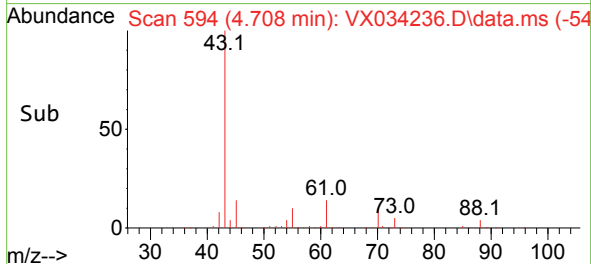
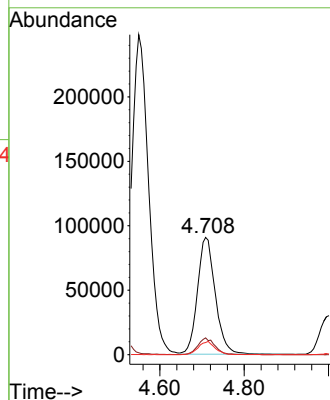
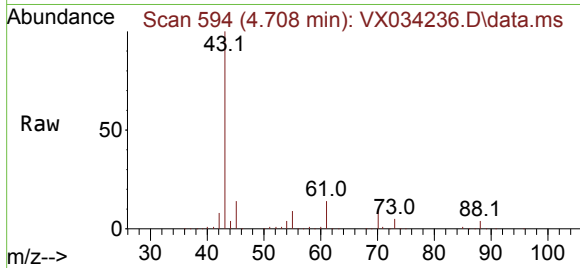
Tgt Ion: 43 Resp: 266551

Ion Ratio Lower Upper

43 100

61 13.4 11.1 16.7

70 10.6 8.5 12.7



#38

Carbon Tetrachloride

Concen: 48.151 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

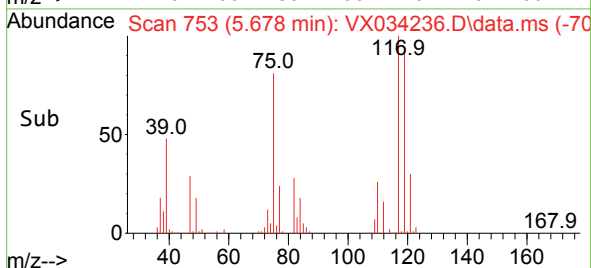
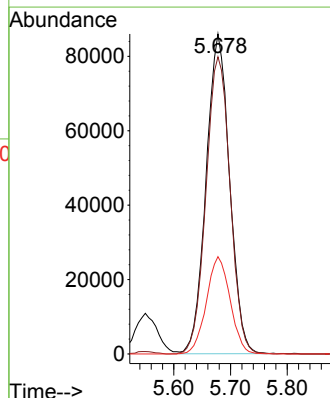
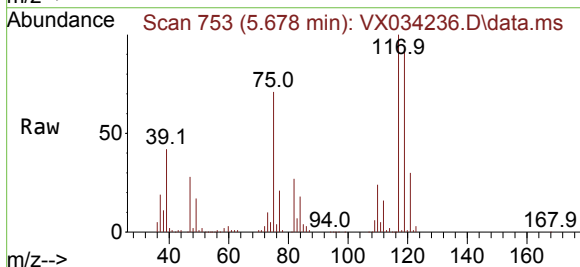
Tgt Ion: 117 Resp: 247344

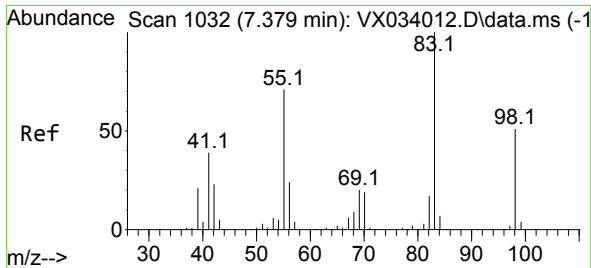
Ion Ratio Lower Upper

117 100

119 92.8 78.0 117.0

121 30.4 24.4 36.6

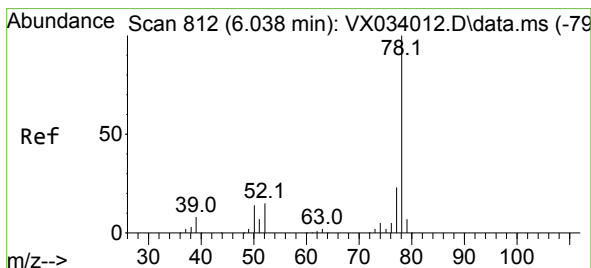
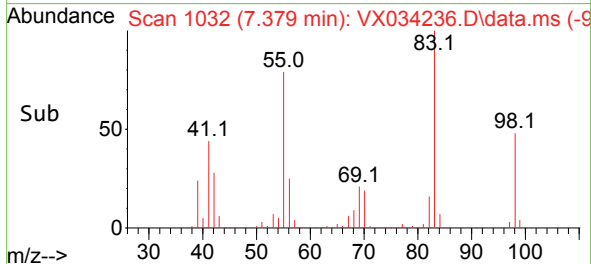
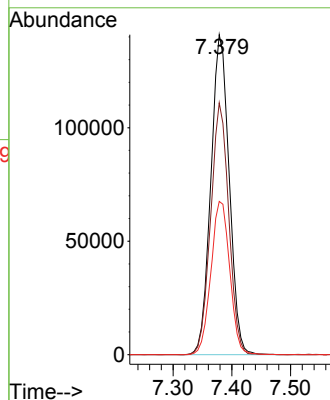
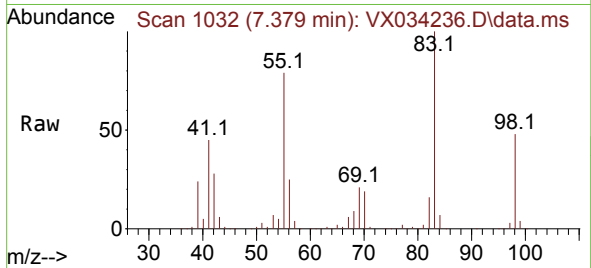




#39
Methylcyclohexane
Concen: 47.619 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

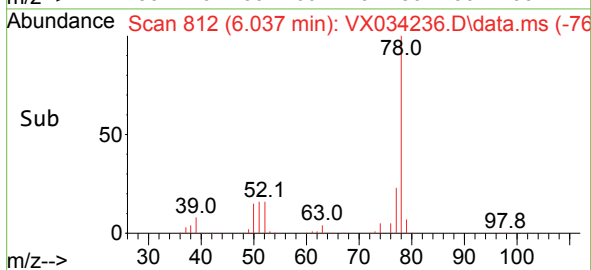
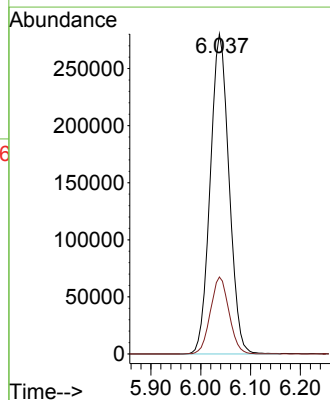
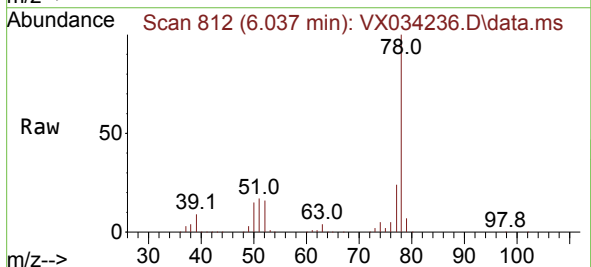
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

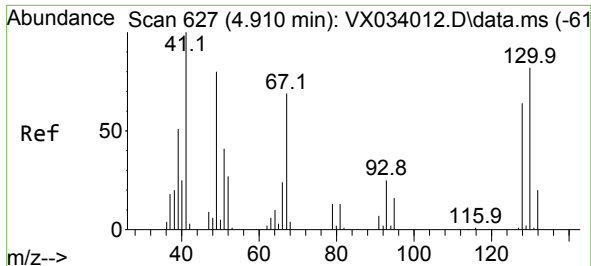
Tgt Ion: 83 Resp: 305910
Ion Ratio Lower Upper
83 100
55 78.7 61.8 92.6
98 47.9 39.3 58.9



#40
Benzene
Concen: 49.584 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 78 Resp: 733522
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4

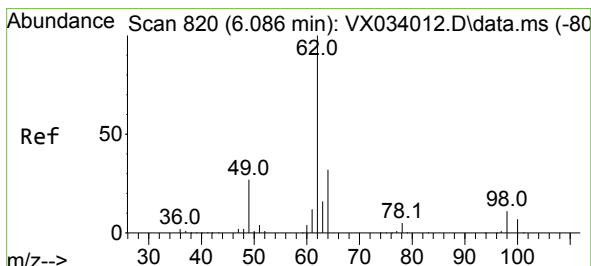
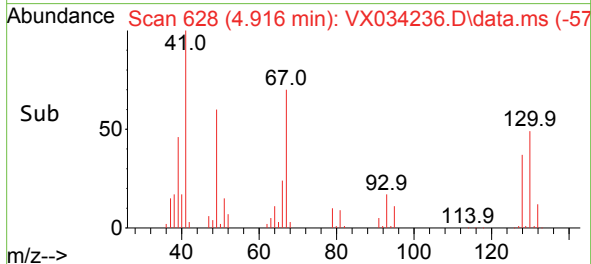
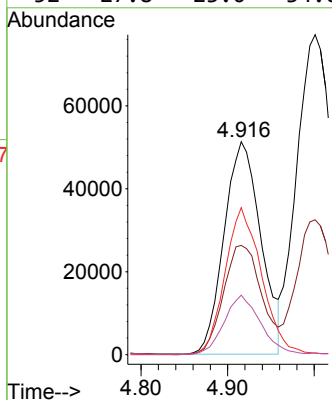
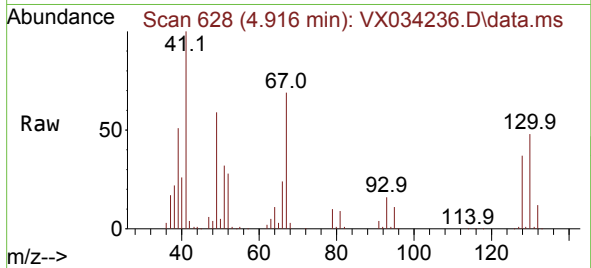




#41
Methacrylonitrile
Concen: 48.801 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

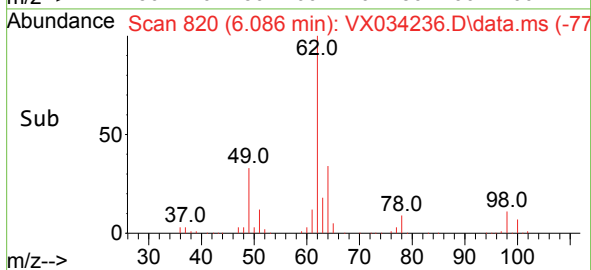
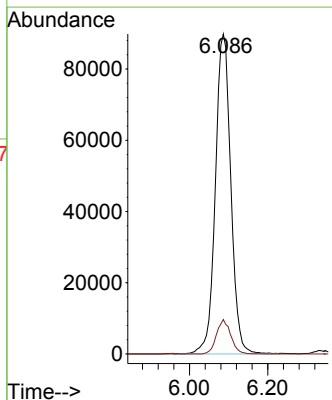
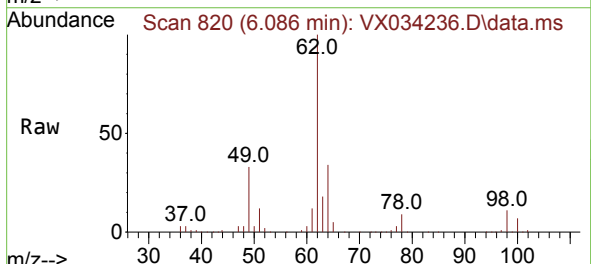
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

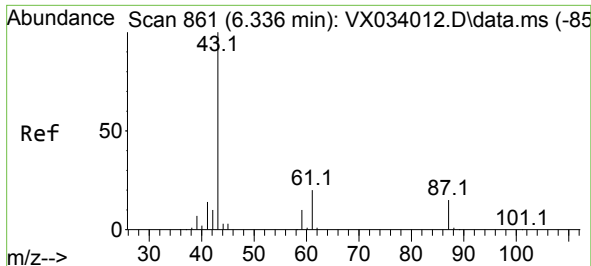
Tgt Ion: 41 Resp: 151690
Ion Ratio Lower Upper
41 100
39 53.2 43.8 65.6
67 68.8 54.8 82.2
52 27.8 23.0 34.6



#42
1,2-Dichloroethane
Concen: 47.383 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 62 Resp: 246529
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.2

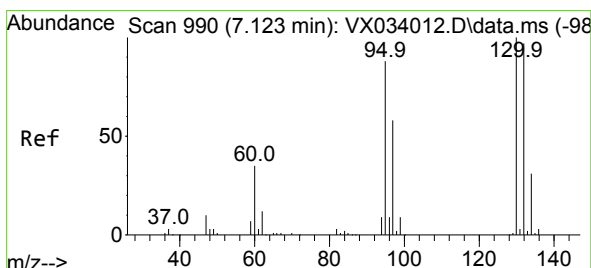
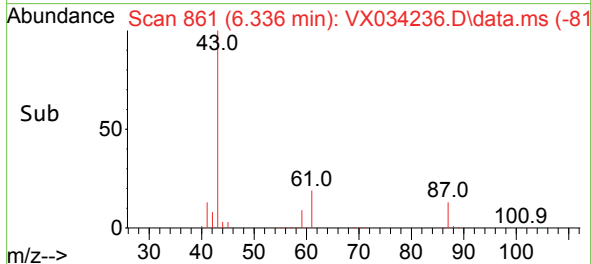
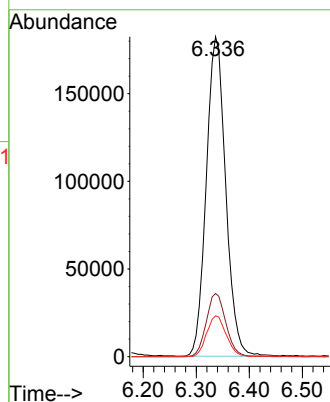
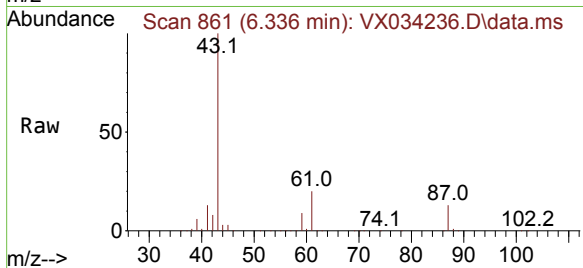




#43
Isopropyl Acetate
Concen: 47.121 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

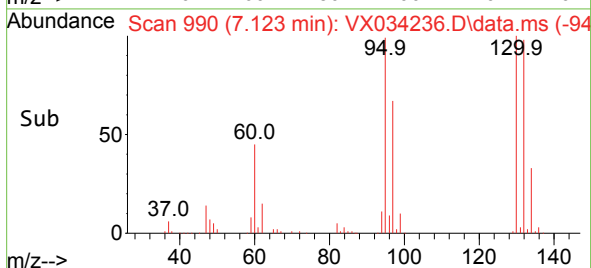
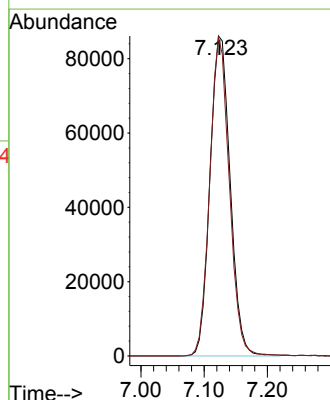
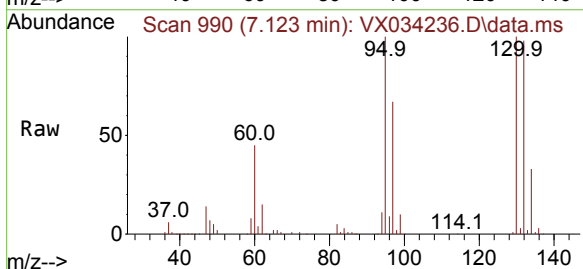
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

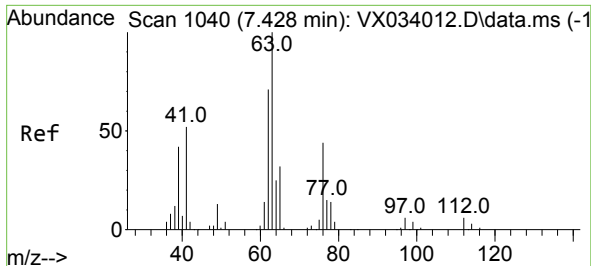
Tgt Ion: 43 Resp: 463910
Ion Ratio Lower Upper
43 100
61 20.0 15.7 23.5
87 12.9 10.6 15.8



#44
Trichloroethene
Concen: 50.205 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion:130 Resp: 190595
Ion Ratio Lower Upper
130 100
95 99.5 0.0 182.6

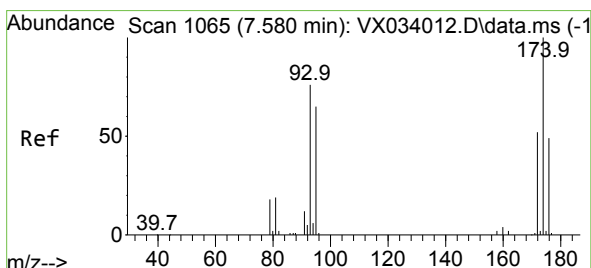
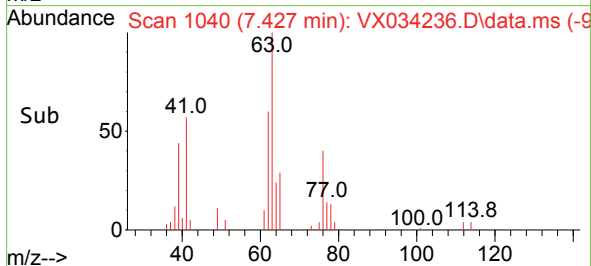
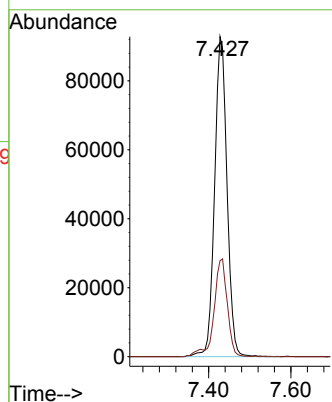
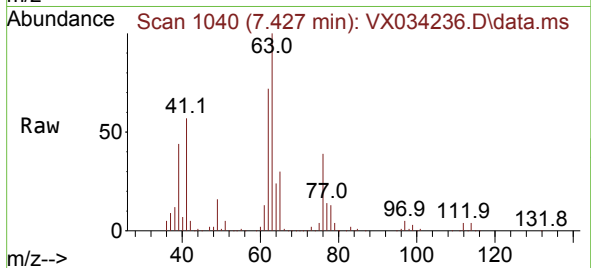




#45
1,2-Dichloropropane
Concen: 49.437 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

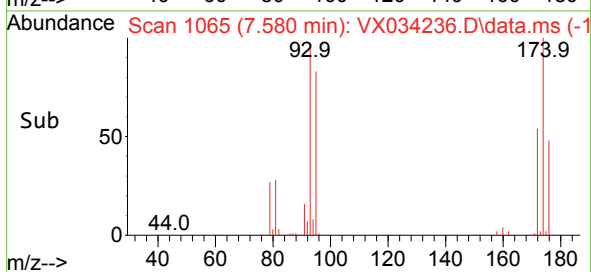
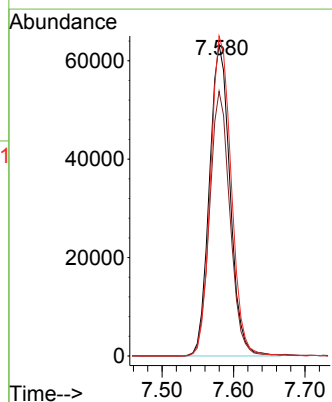
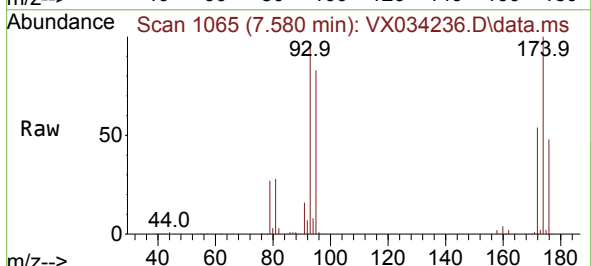
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

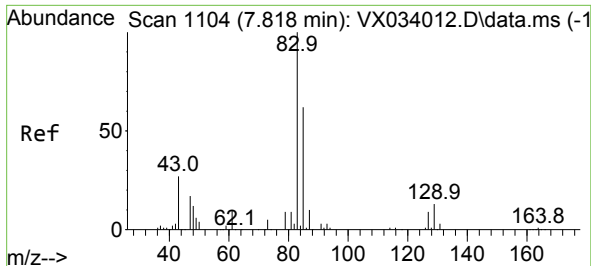
Tgt Ion: 63 Resp: 194688
Ion Ratio Lower Upper
63 100
65 30.0 24.2 36.2



#46
Dibromomethane
Concen: 48.949 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 93 Resp: 126864
Ion Ratio Lower Upper
93 100
95 83.9 67.6 101.4
174 103.2 97.4 146.0

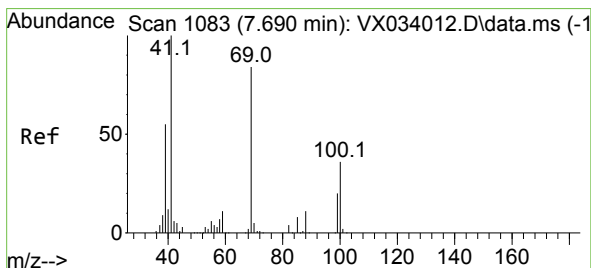
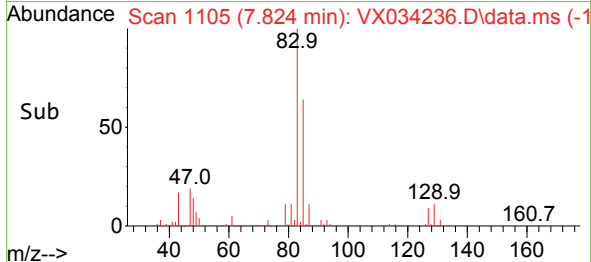
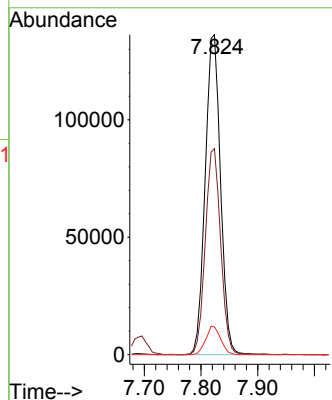
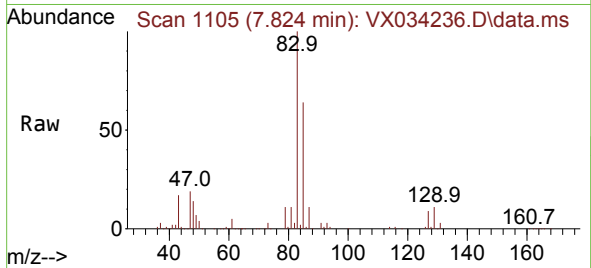




#47
Bromodichloromethane
Concen: 48.155 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

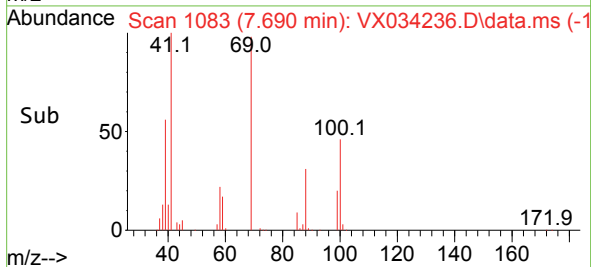
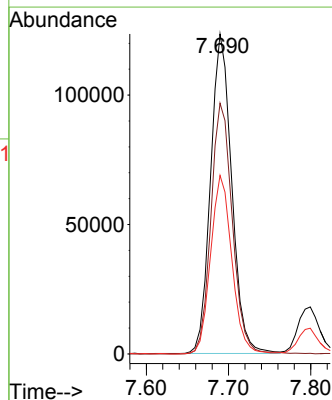
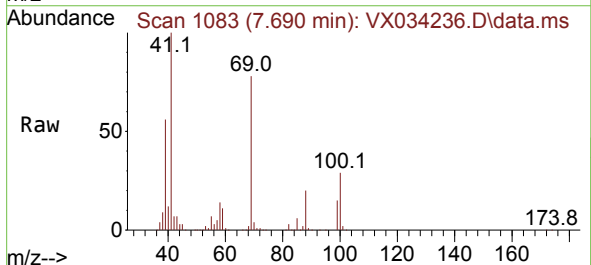
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

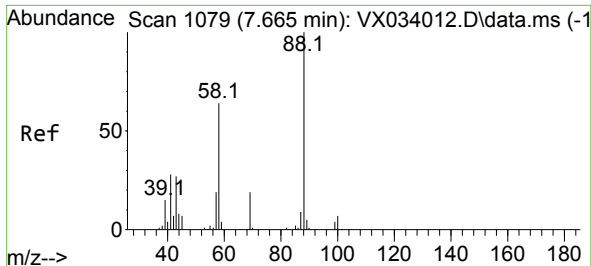
Tgt Ion: 83 Resp: 256132
Ion Ratio Lower Upper
83 100
85 64.4 49.8 74.6
127 8.7 7.0 10.4



#48
Methyl methacrylate
Concen: 47.255 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 41 Resp: 220813
Ion Ratio Lower Upper
41 100
69 79.7 63.1 94.7
39 56.2 43.2 64.8





#49

1,4-Dioxane

Concen: 889.504 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.024 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

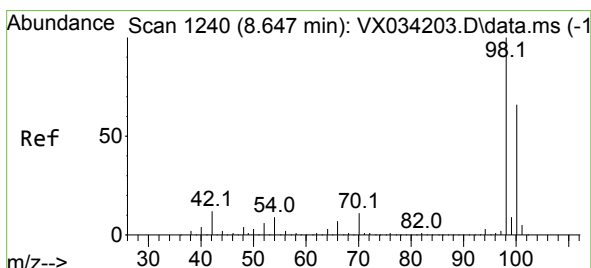
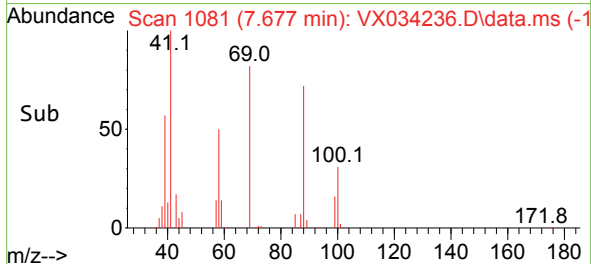
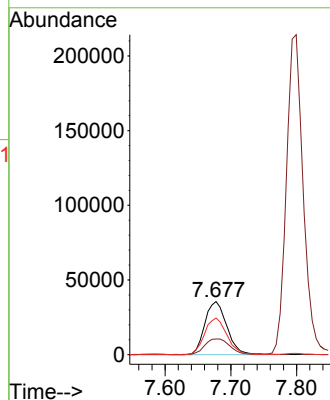
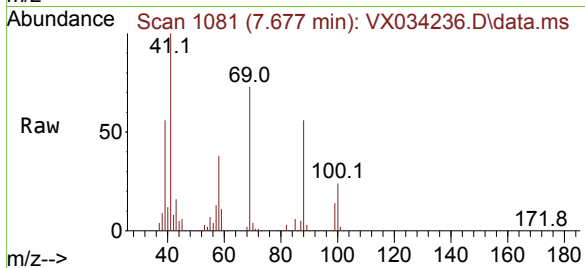
Tgt Ion: 88 Resp: 82905

Ion Ratio Lower Upper

88 100

43 33.3 0.0 0.0#

58 70.0 56.5 84.7



#50

Toluene-d8

Concen: 50.769 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034236.D

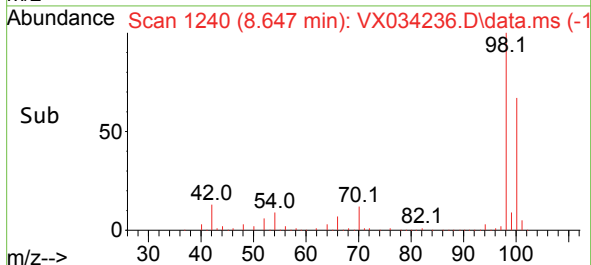
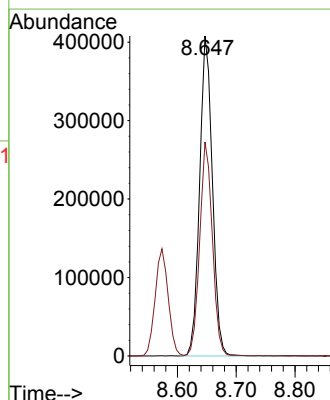
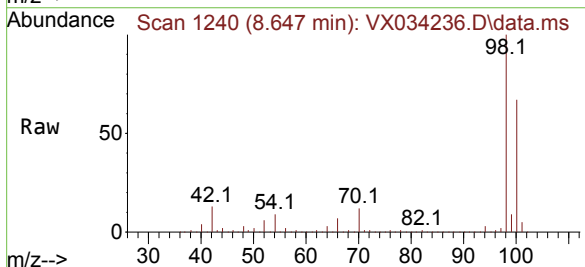
Acq: 22 Feb 2023 18:04

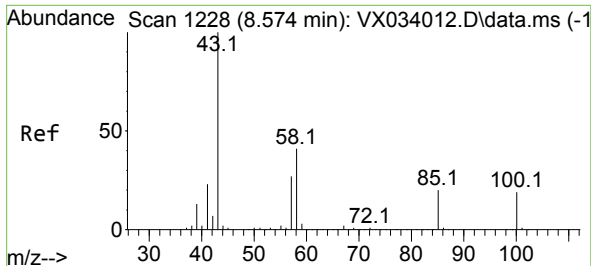
Tgt Ion: 98 Resp: 615268

Ion Ratio Lower Upper

98 100

100 66.5 53.6 80.4

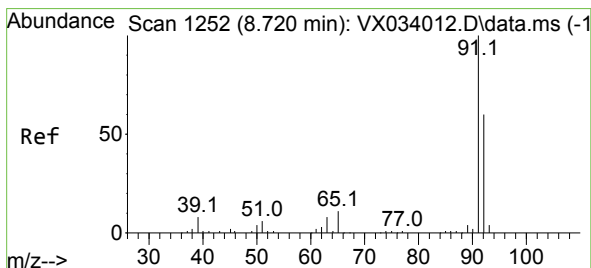
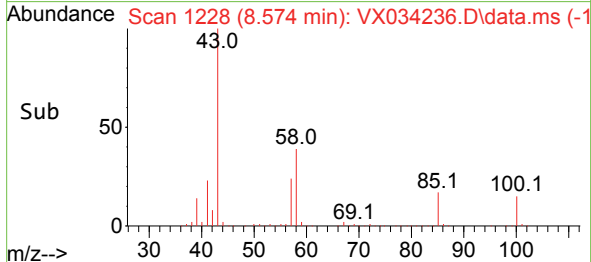
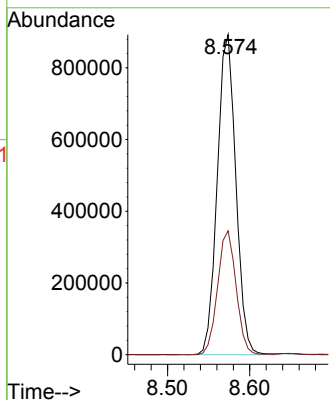
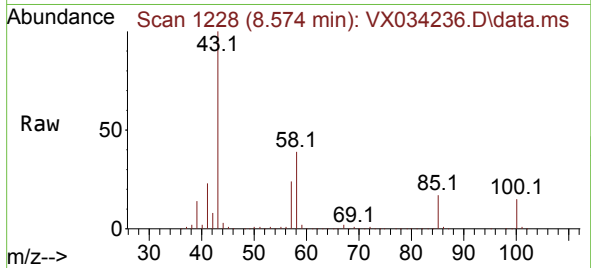




#51
4-Methyl-2-Pentanone
Concen: 258.264 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

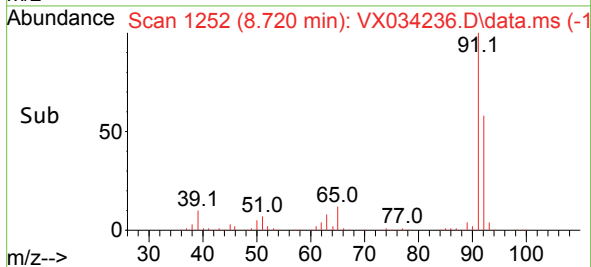
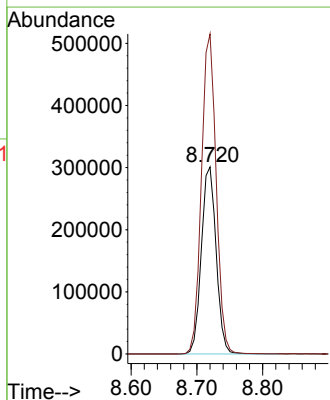
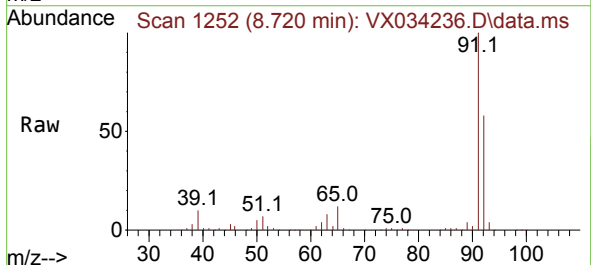
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

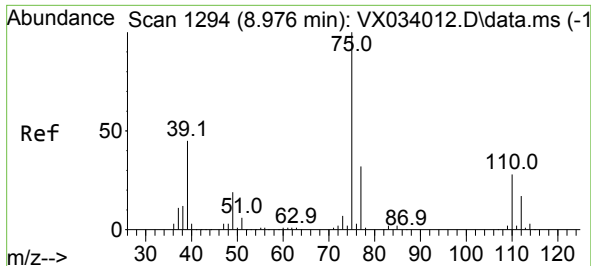
Tgt Ion: 43 Resp: 1398894
Ion Ratio Lower Upper
43 100
58 38.6 31.2 46.8



#52
Toluene
Concen: 52.586 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 92 Resp: 471367
Ion Ratio Lower Upper
92 100
91 170.5 135.5 203.3

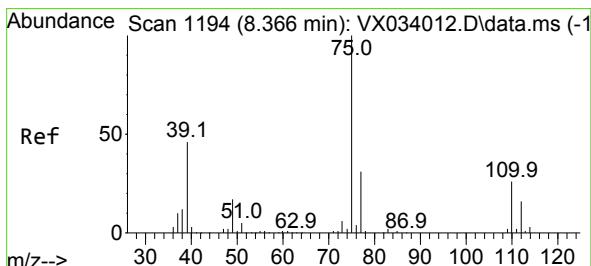
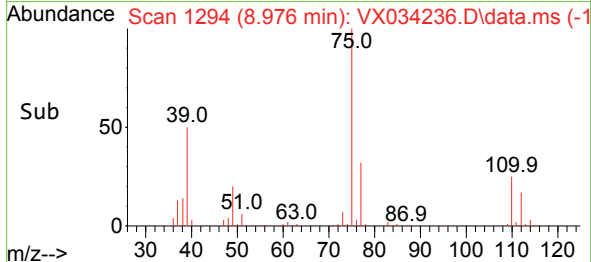
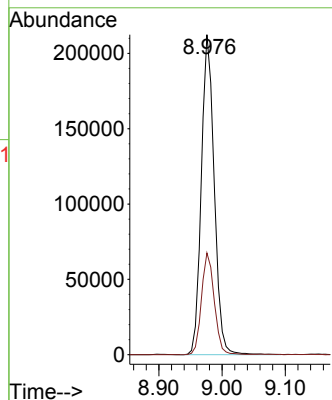
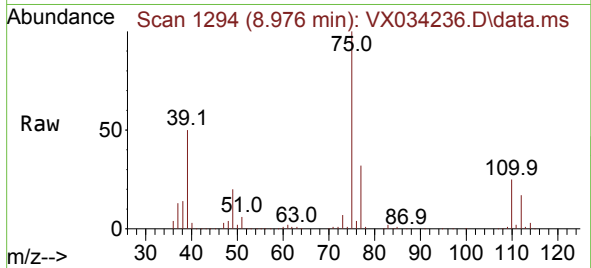




#53
 t-1,3-Dichloropropene
 Concen: 49.293 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX034236.D
 Acq: 22 Feb 2023 18:04

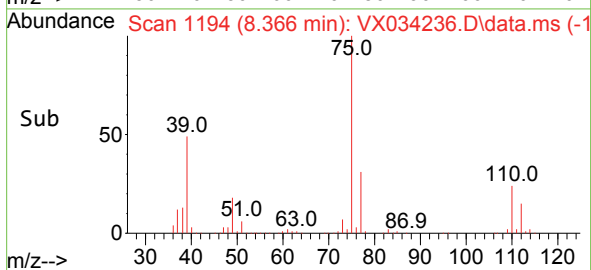
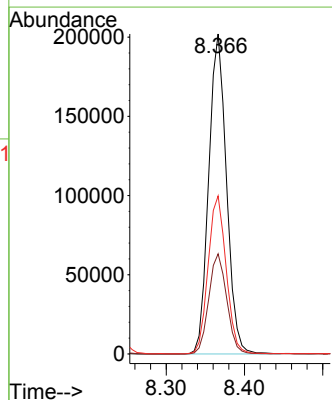
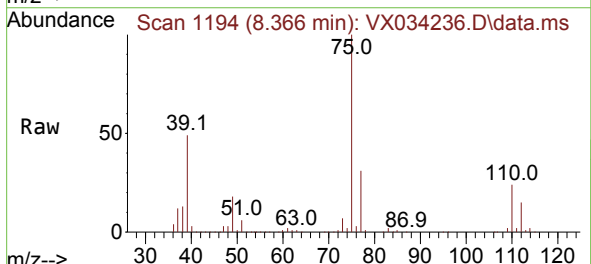
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

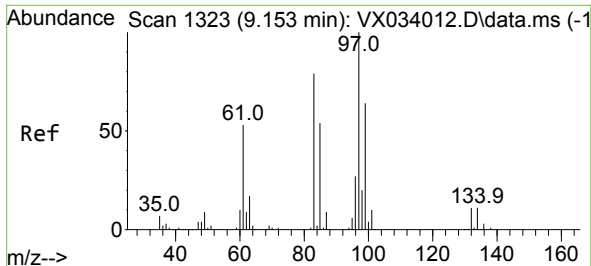
Tgt Ion: 75 Resp: 301790
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 48.449 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX034236.D
 Acq: 22 Feb 2023 18:04

Tgt Ion: 75 Resp: 317549
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6
 39 49.4 38.6 58.0



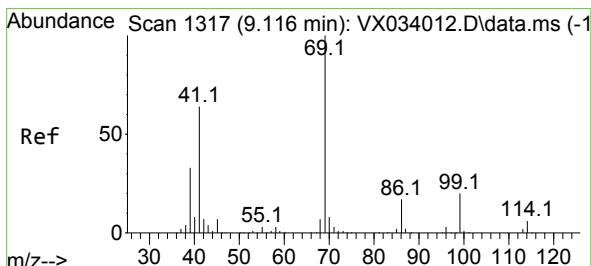
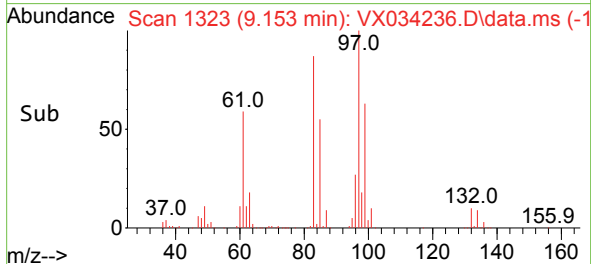
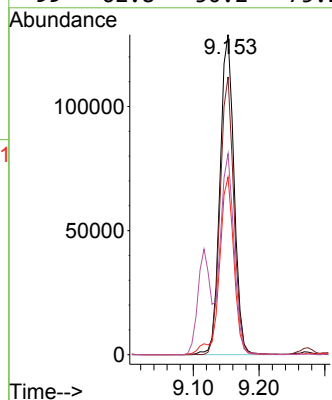
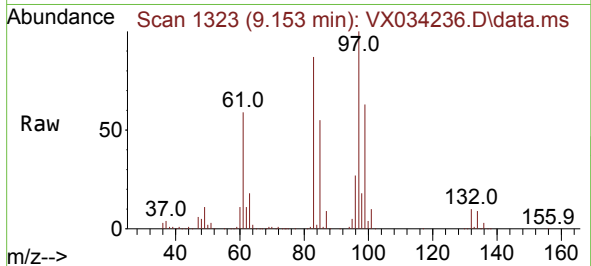


#55
1,1,2-Trichloroethane
Concen: 53.084 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 192065

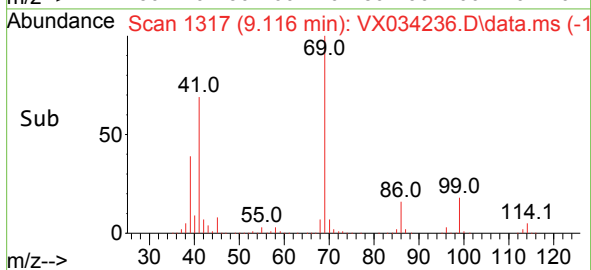
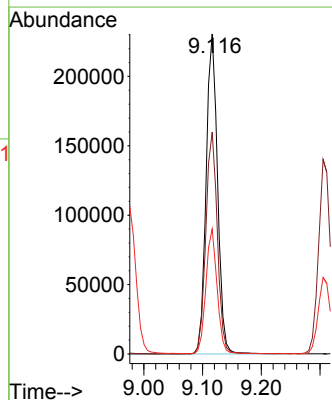
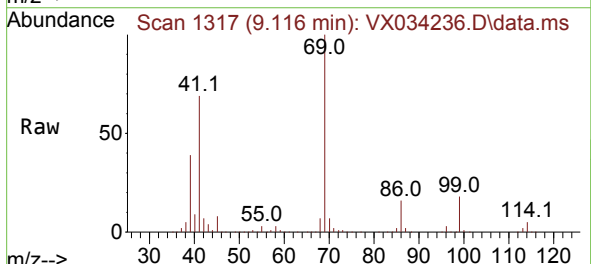
Ion	Ratio	Lower	Upper
97	100		
83	86.8	67.4	101.0
85	55.5	43.2	64.8
99	62.8	50.2	75.2

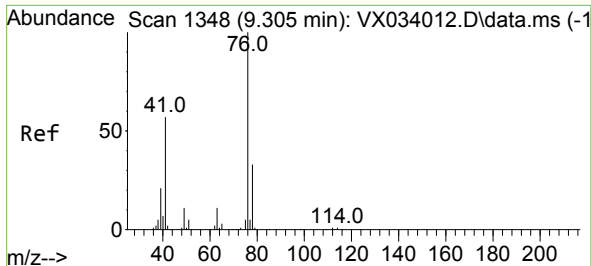


#56
Ethyl methacrylate
Concen: 51.027 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 69 Resp: 312320

Ion	Ratio	Lower	Upper
69	100		
41	70.0	55.1	82.7
39	38.4	28.5	42.7





#57

1,3-Dichloropropane

Concen: 51.787 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

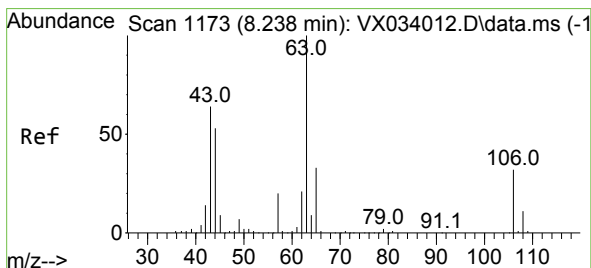
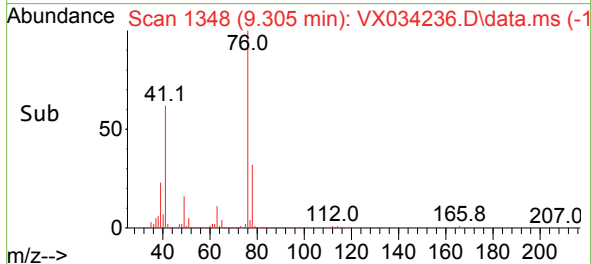
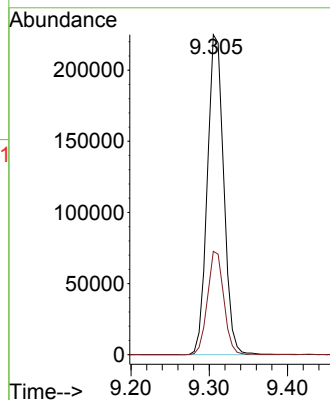
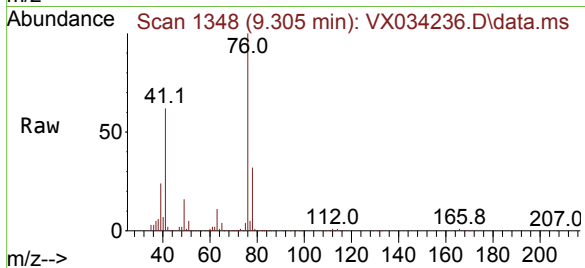
VSTDCCC050EC

Tgt Ion: 76 Resp: 326001

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 249.478 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034236.D

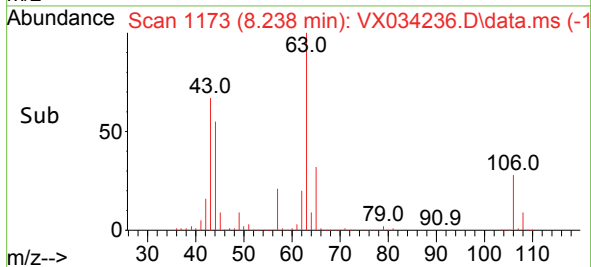
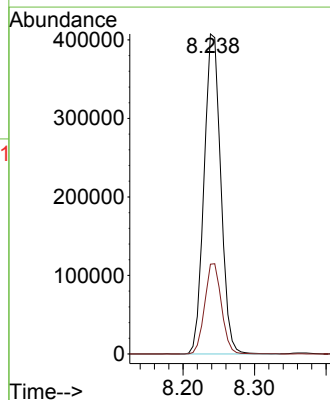
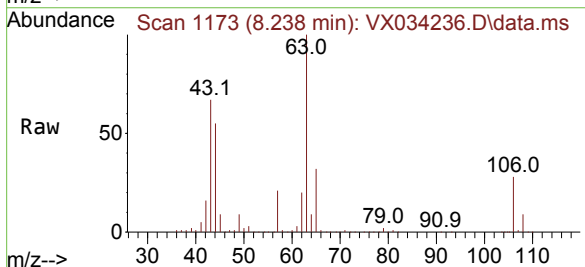
Acq: 22 Feb 2023 18:04

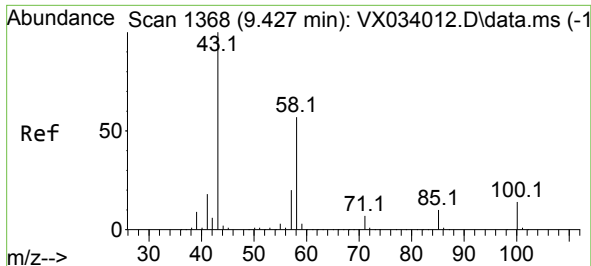
Tgt Ion: 63 Resp: 661474

Ion Ratio Lower Upper

63 100

106 28.3 24.5 36.7

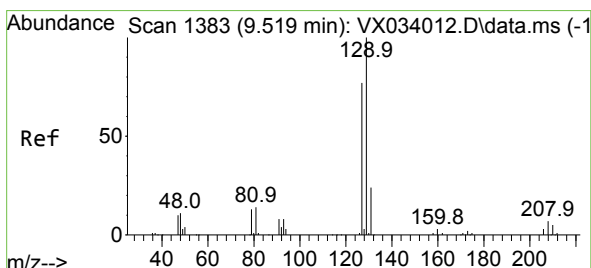
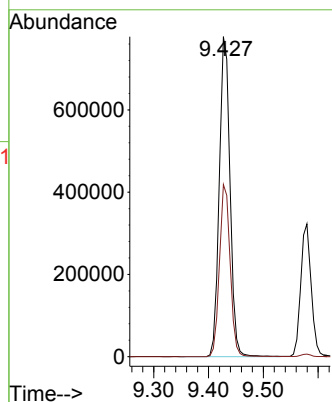
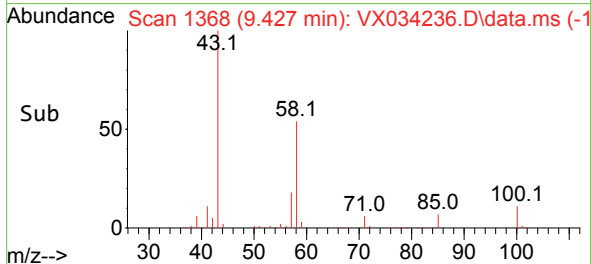
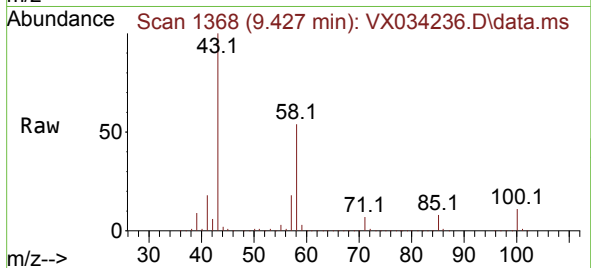




#59
2-Hexanone
Concen: 255.349 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

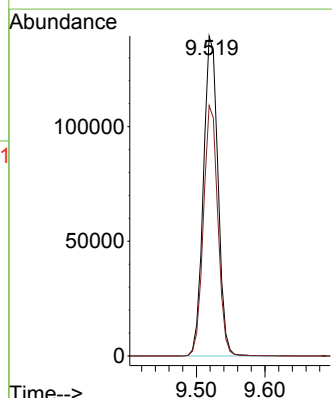
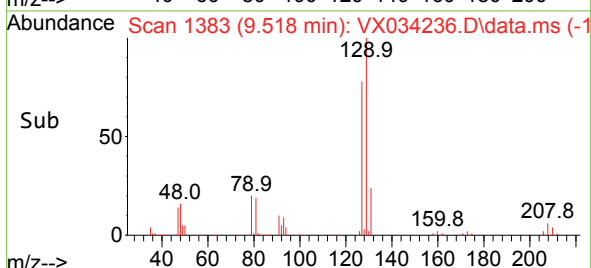
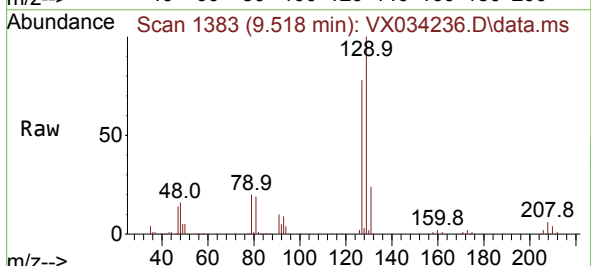
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

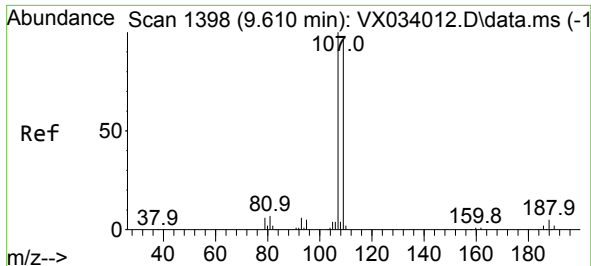
Tgt Ion: 43 Resp: 1054071
Ion Ratio Lower Upper
43 100
58 53.7 27.4 82.0



#60
Dibromochloromethane
Concen: 51.682 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 129 Resp: 206614
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 52.024 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

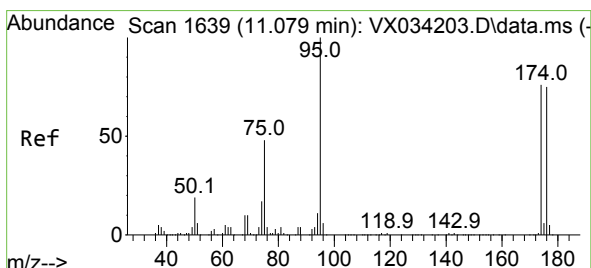
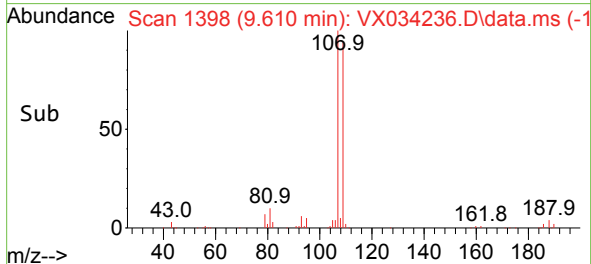
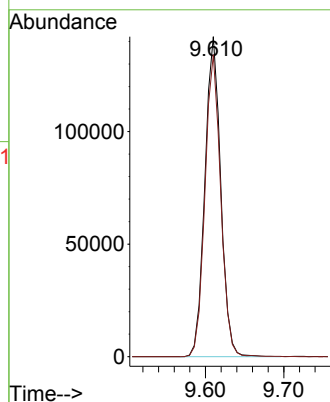
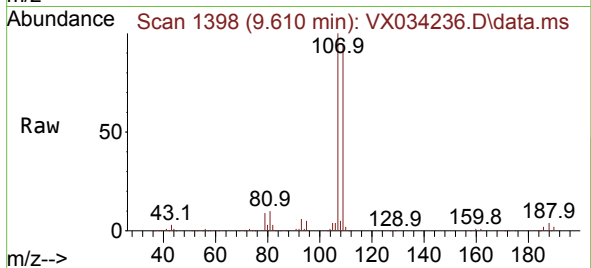
VSTDCCC050EC

Tgt Ion:107 Resp: 199072

Ion Ratio Lower Upper

107 100

109 93.9 74.2 111.2



#62

4-Bromofluorobenzene

Concen: 52.081 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

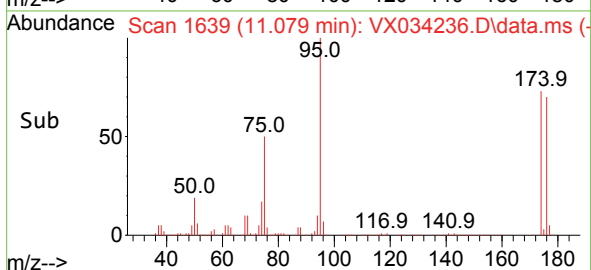
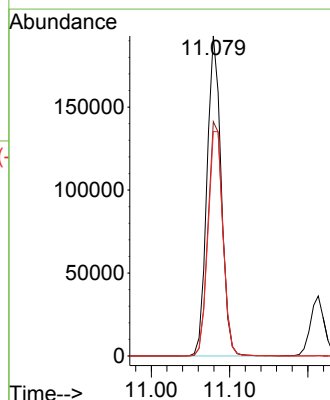
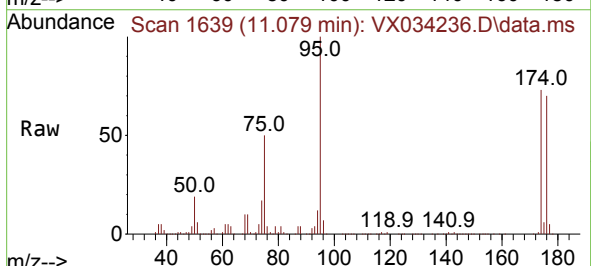
Tgt Ion: 95 Resp: 241423

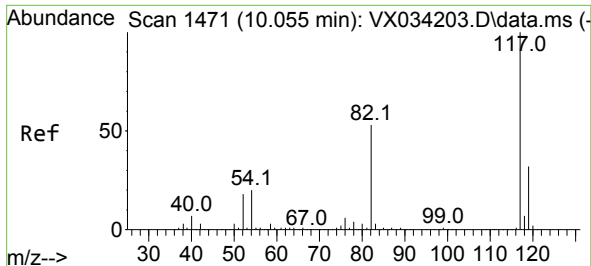
Ion Ratio Lower Upper

95 100

174 76.7 0.0 184.4

176 74.5 0.0 178.8

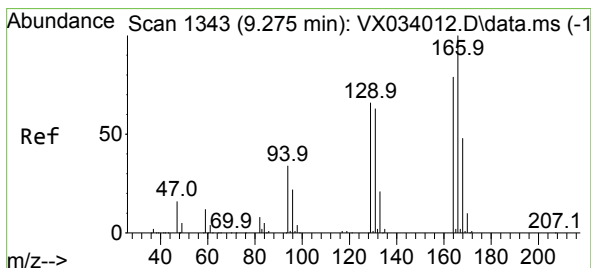
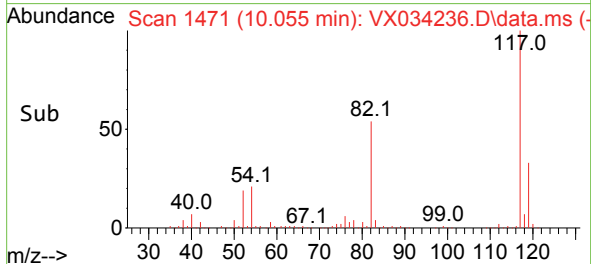
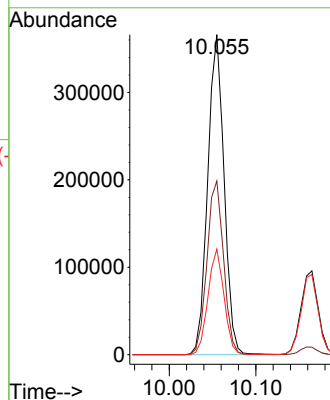
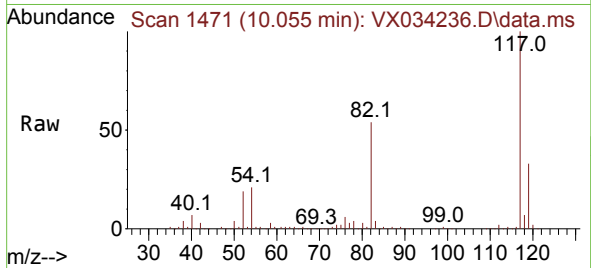




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

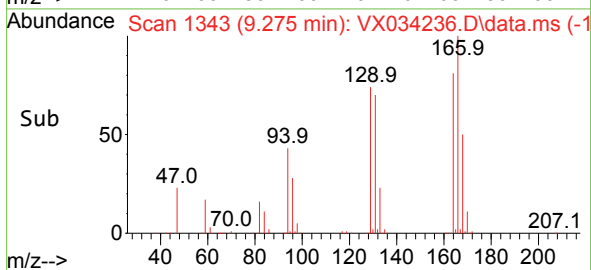
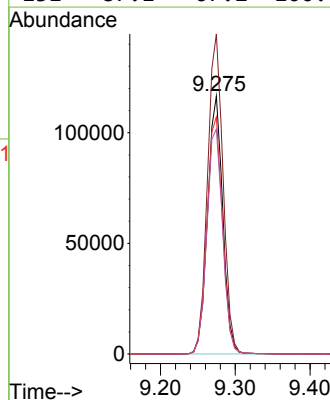
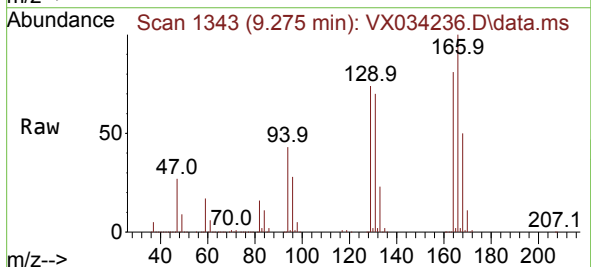
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

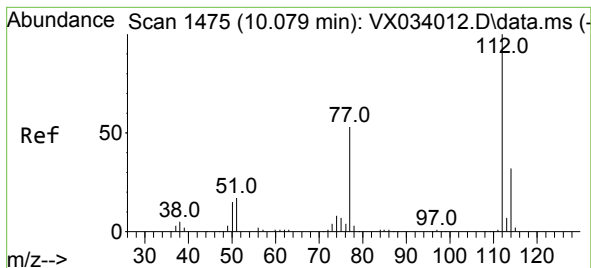
Tgt Ion:117 Resp: 480023
Ion Ratio Lower Upper
117 100
82 54.3 40.6 60.8
119 33.0 25.6 38.4



#64
Tetrachloroethene
Concen: 48.589 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion:164 Resp: 164615
Ion Ratio Lower Upper
164 100
166 124.1 100.2 150.2
129 91.9 69.2 103.8
131 87.1 67.2 100.8

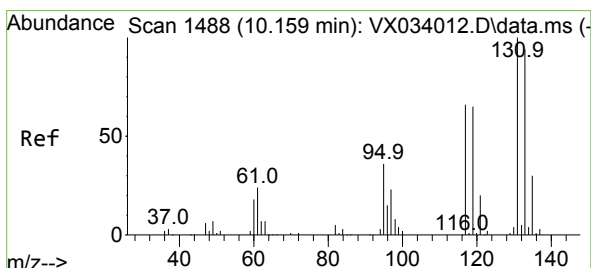
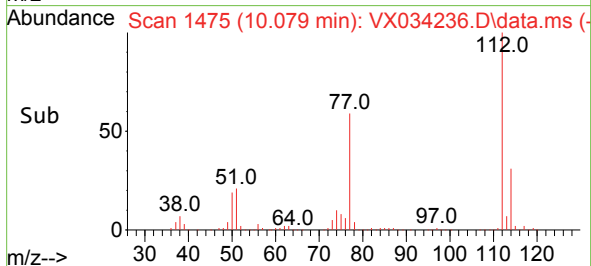
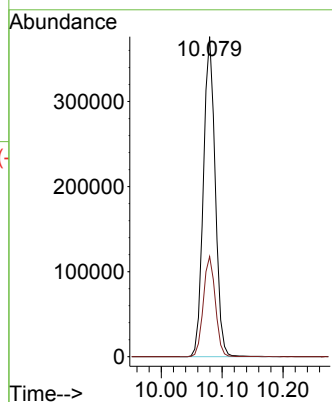
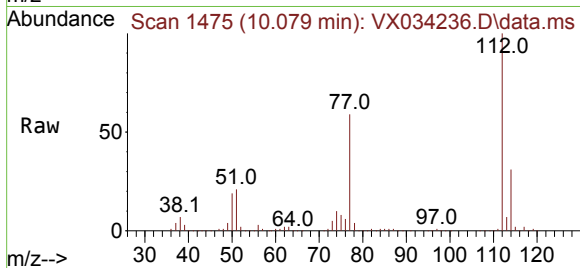




#65
Chlorobenzene
Concen: 50.634 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

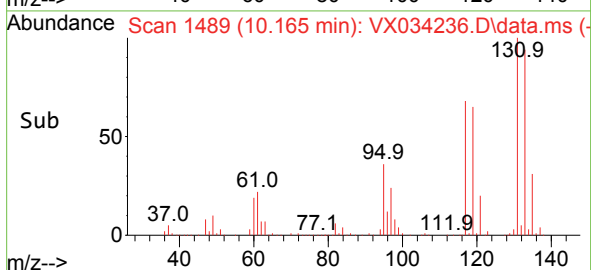
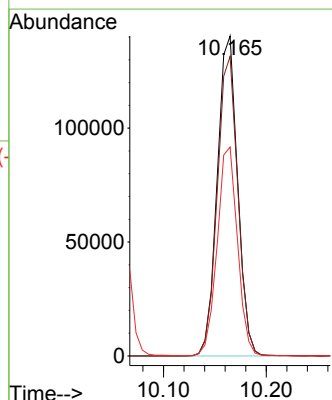
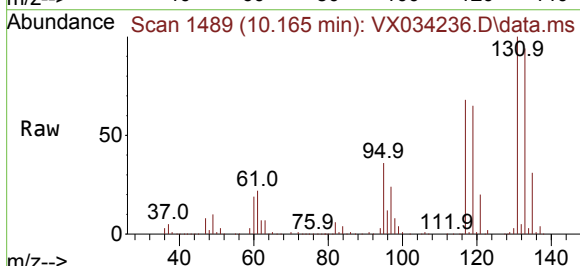
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

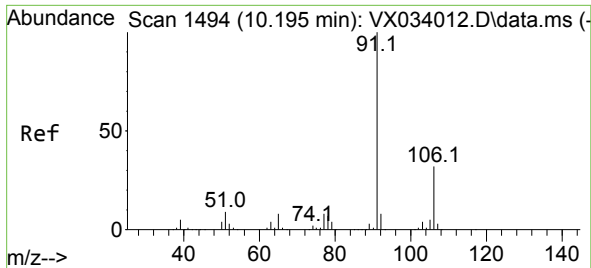
Tgt Ion:112 Resp: 506651
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.871 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

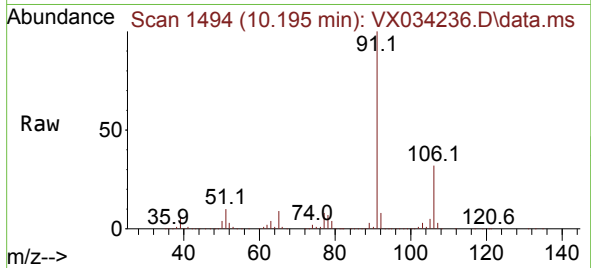
Tgt Ion:131 Resp: 193179
Ion Ratio Lower Upper
131 100
133 94.3 48.4 145.0
119 65.4 31.9 95.7



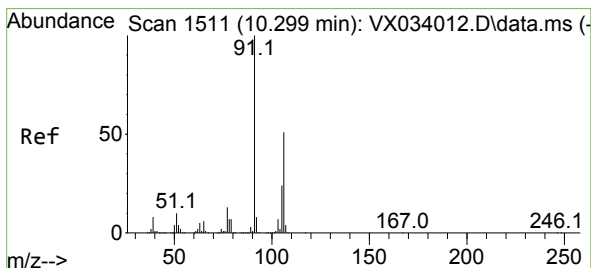
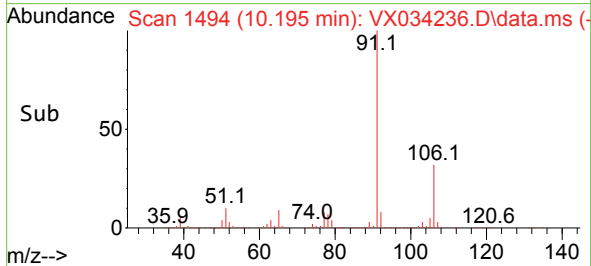
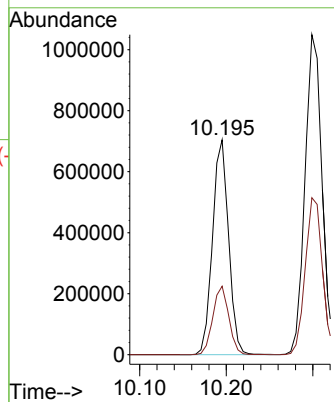


#67
Ethyl Benzene
Concen: 50.433 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

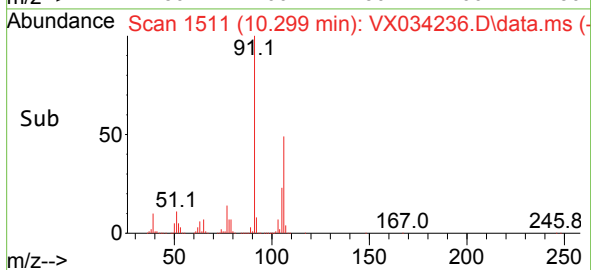
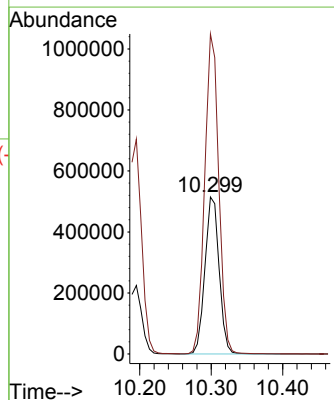
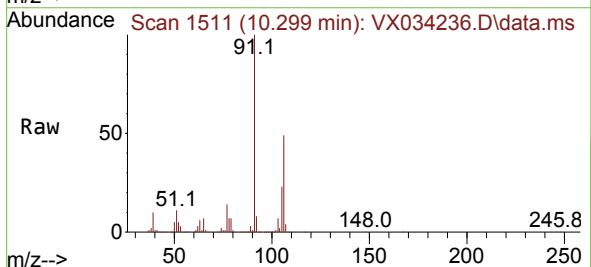


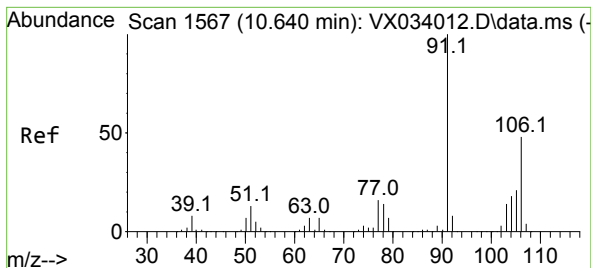
Tgt Ion: 91 Resp: 906597
Ion Ratio Lower Upper
91 100
106 31.9 25.8 38.8



#68
m/p-Xylenes
Concen: 102.991 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 106 Resp: 708510
Ion Ratio Lower Upper
106 100
91 201.6 156.4 234.6





#69

o-Xylene

Concen: 51.729 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

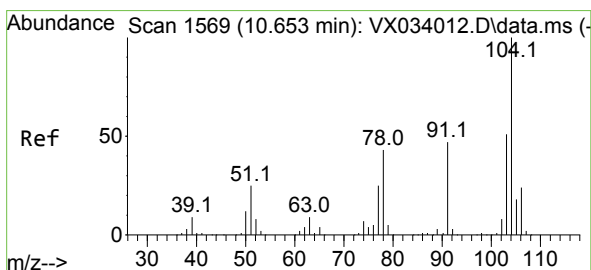
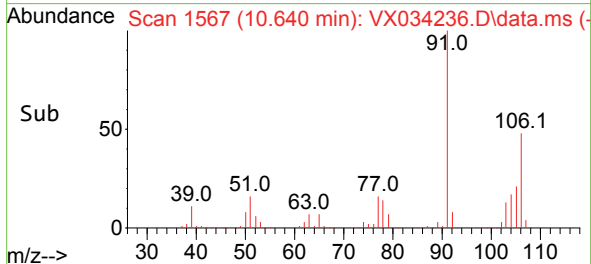
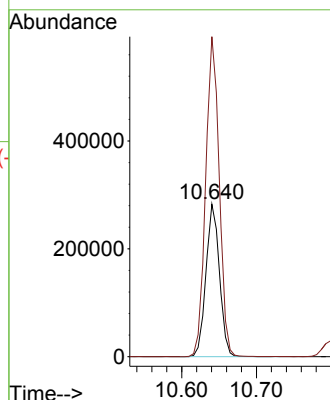
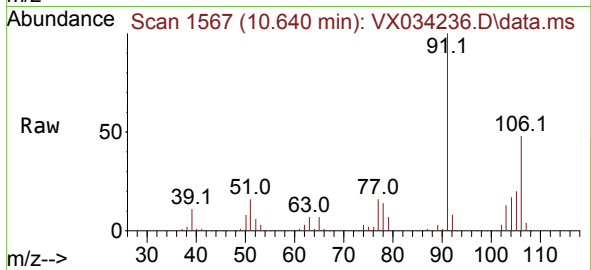
VSTDCCC050EC

Tgt Ion:106 Resp: 354274

Ion Ratio Lower Upper

106 100

91 211.0 103.1 309.3



#70

Styrene

Concen: 52.714 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

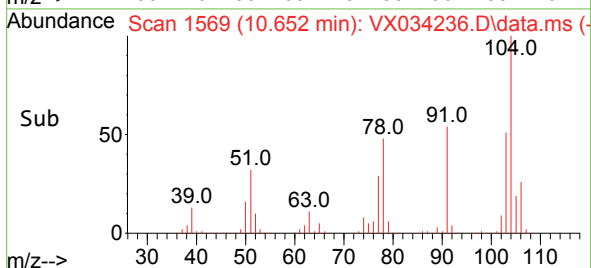
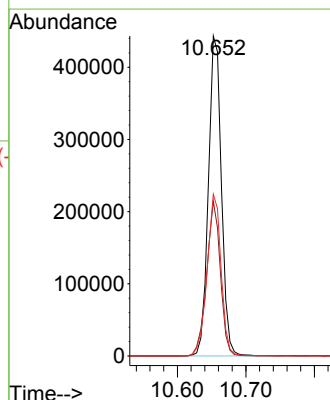
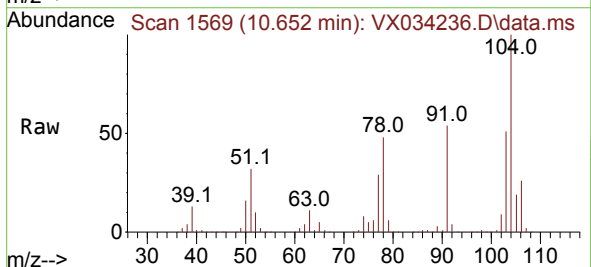
Tgt Ion:104 Resp: 587163

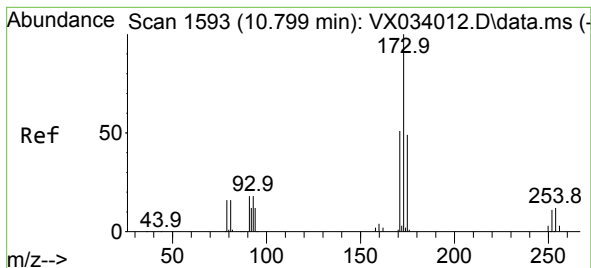
Ion Ratio Lower Upper

104 100

78 51.1 37.5 56.3

103 54.3 43.3 64.9





#71

Bromoform

Concen: 48.316 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

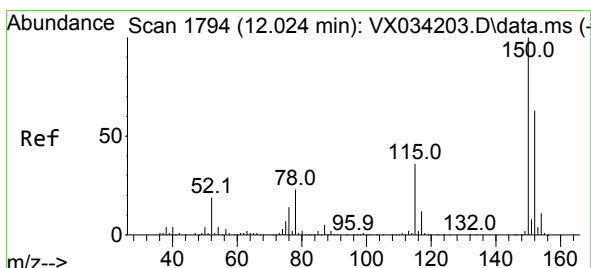
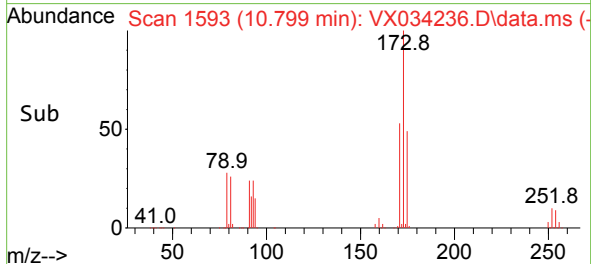
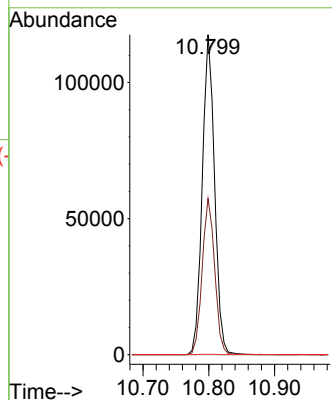
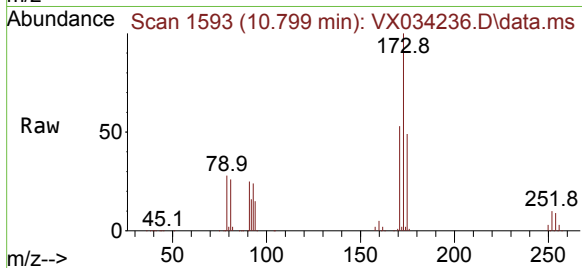
Tgt Ion:173 Resp: 152767

Ion Ratio Lower Upper

173 100

175 49.6 24.1 72.3

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

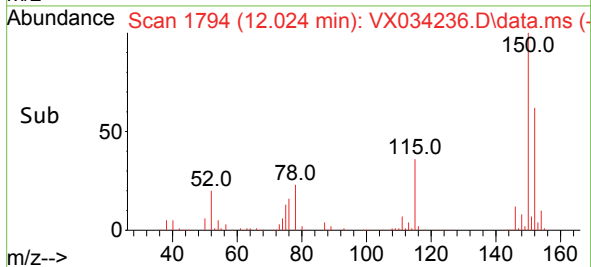
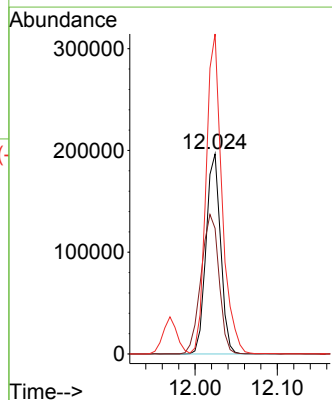
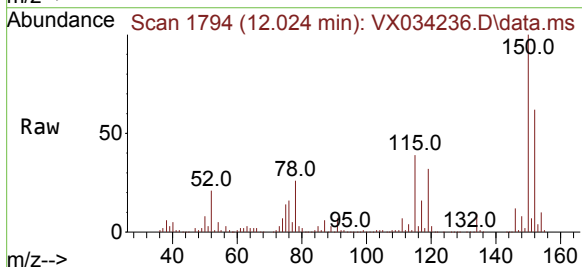
Tgt Ion:152 Resp: 241282

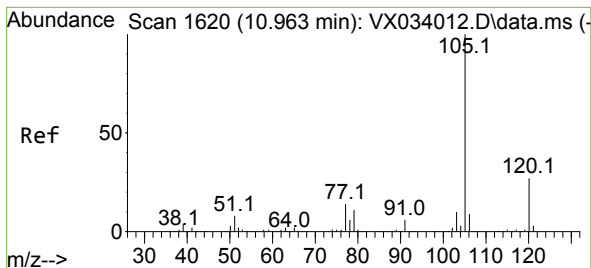
Ion Ratio Lower Upper

152 100

115 86.4 38.7 116.1

150 174.8 0.0 348.2





#73

Isopropylbenzene

Concen: 49.499 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

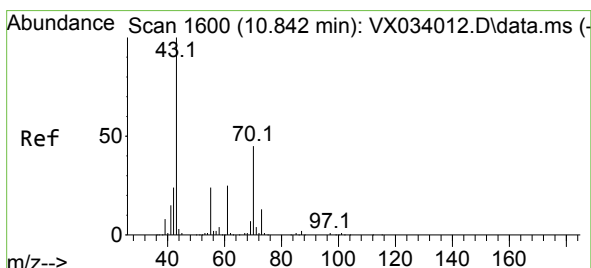
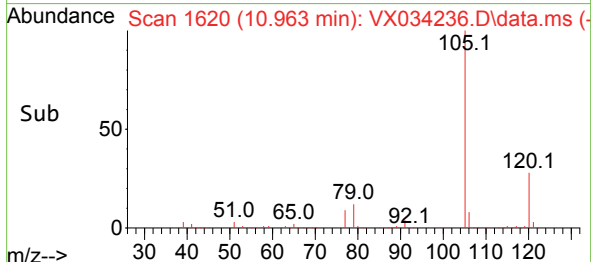
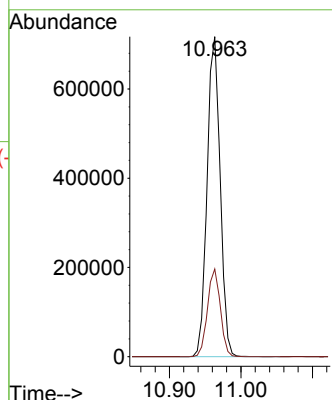
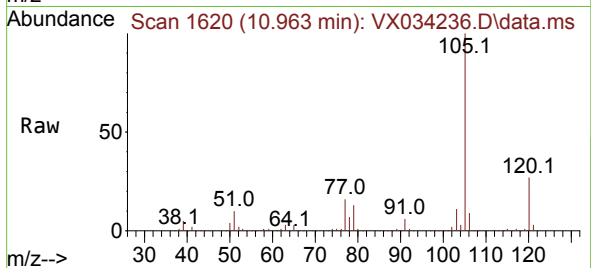
VSTDCCC050EC

Tgt Ion:105 Resp: 910234

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.8



#74

N-ethyl acetate

Concen: 47.796 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Tgt Ion: 43 Resp: 441556

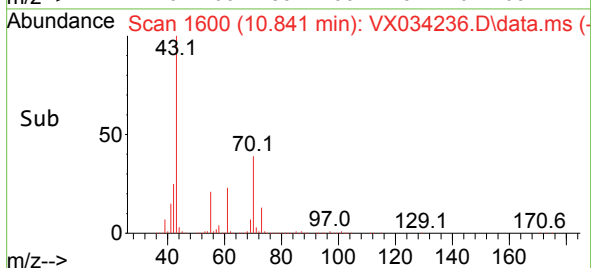
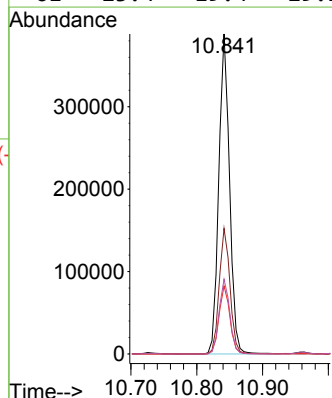
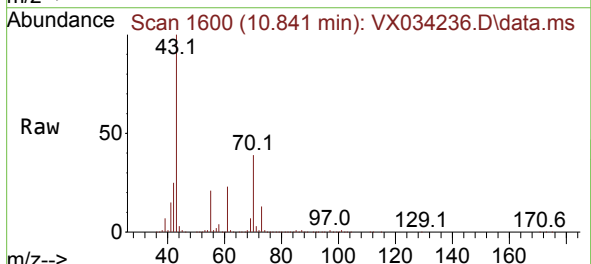
Ion Ratio Lower Upper

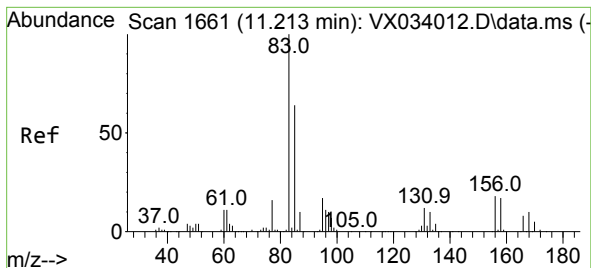
43 100

70 39.4 34.8 52.2

55 21.5 19.4 29.0

61 23.4 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.570 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

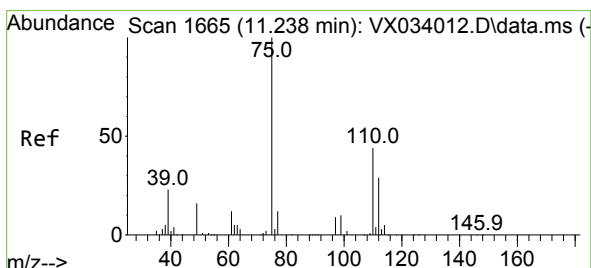
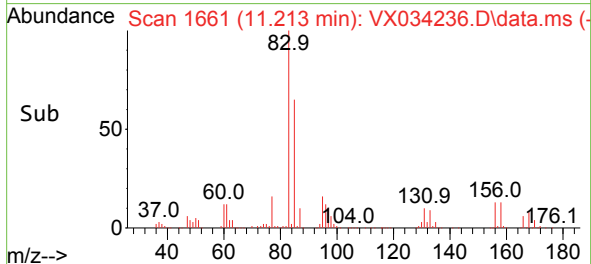
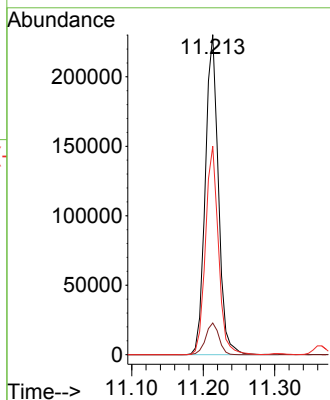
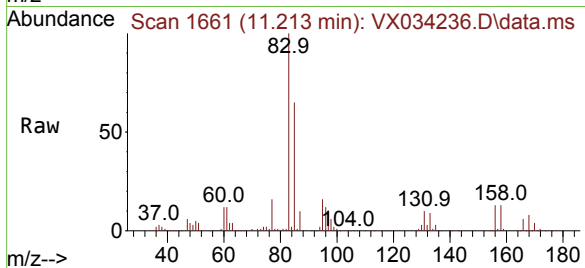
Tgt Ion: 83 Resp: 292898

Ion Ratio Lower Upper

83 100

131 10.1 5.5 16.7

85 64.6 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 55.614 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX034236.D

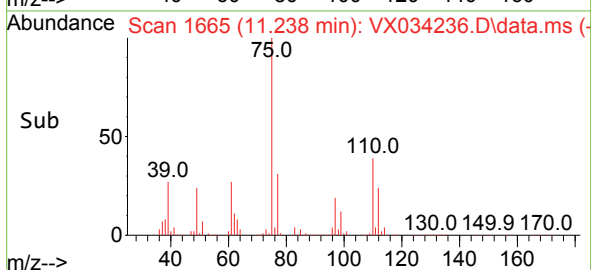
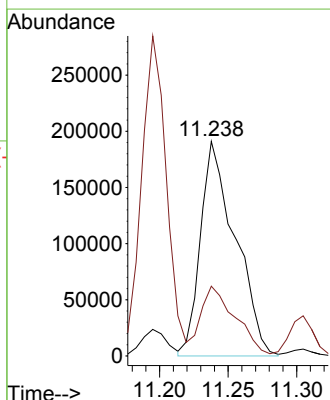
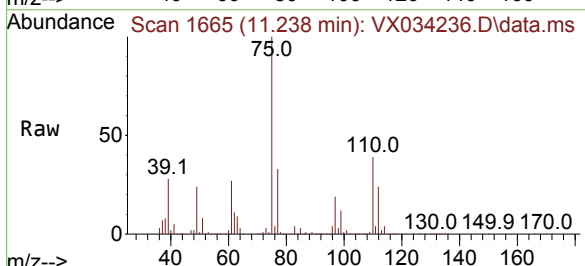
Acq: 22 Feb 2023 18:04

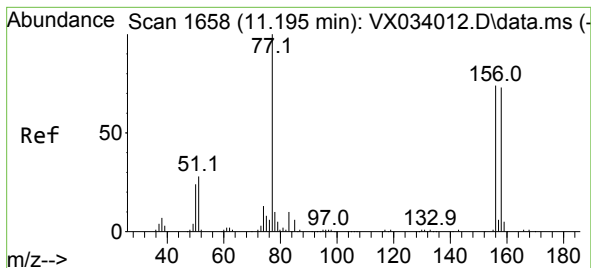
Tgt Ion: 75 Resp: 337649

Ion Ratio Lower Upper

75 100

77 32.5 21.8 65.4





#77

Bromobenzene

Concen: 49.216 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

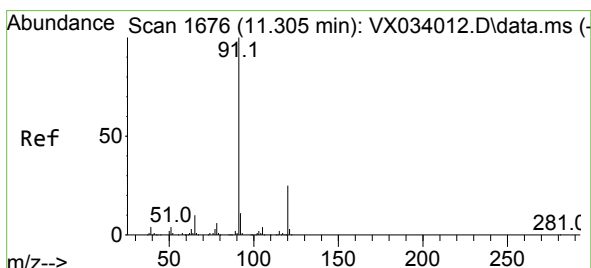
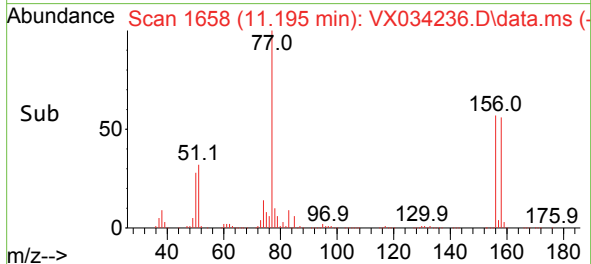
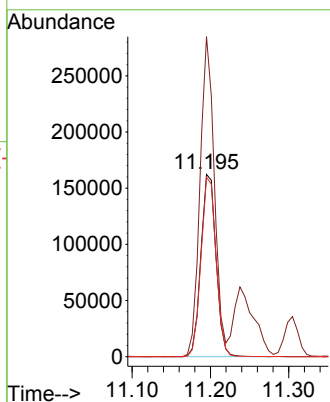
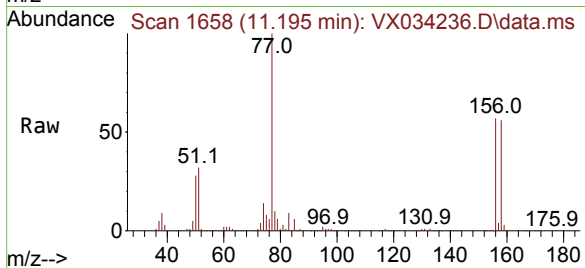
Tgt Ion:156 Resp: 217793

Ion Ratio Lower Upper

156 100

77 165.7 68.1 204.3

158 97.9 48.0 144.2



#78

n-propylbenzene

Concen: 50.588 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX034236.D

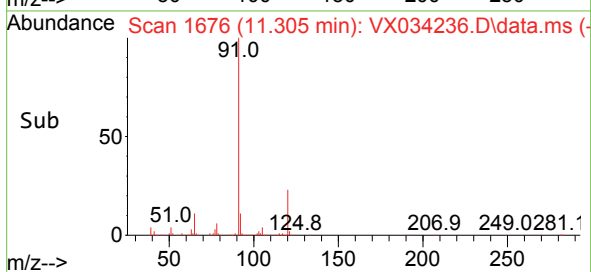
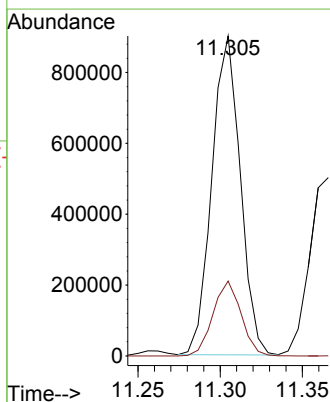
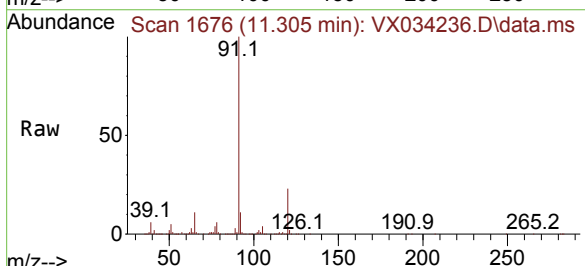
Acq: 22 Feb 2023 18:04

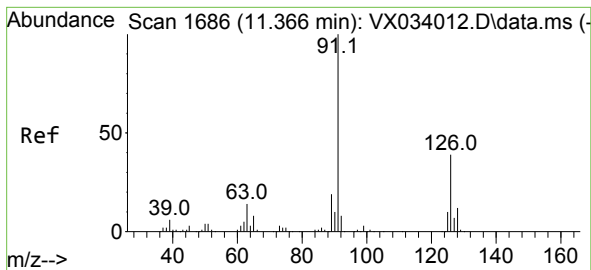
Tgt Ion: 91 Resp: 1081898

Ion Ratio Lower Upper

91 100

120 23.2 12.3 36.8

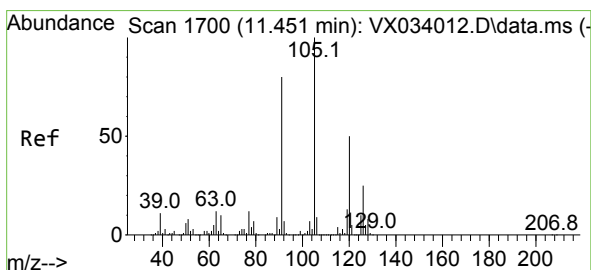
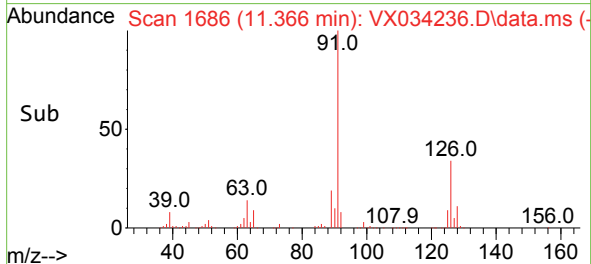
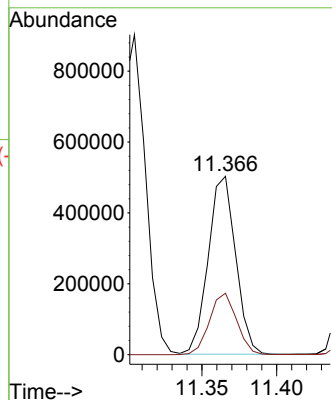
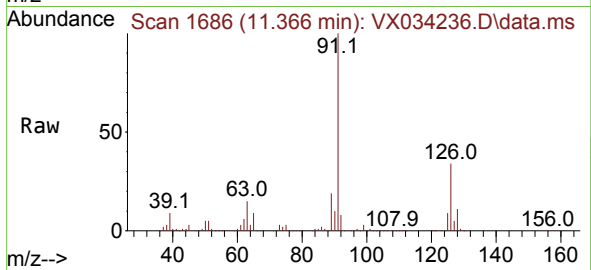




#79
2-Chlorotoluene
Concen: 48.909 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

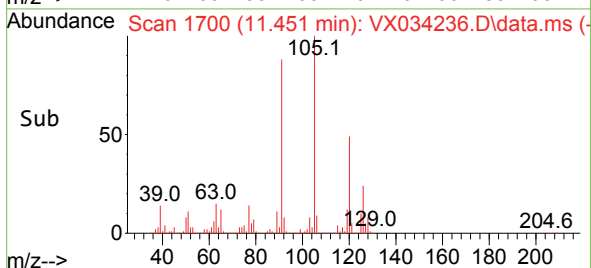
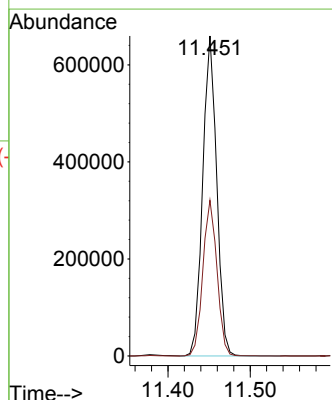
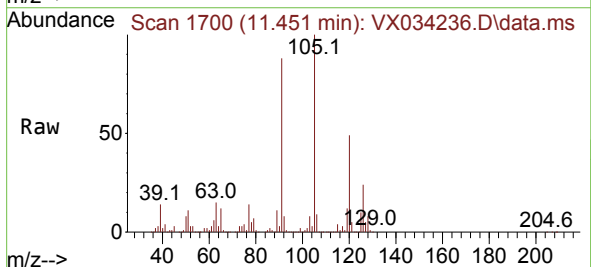
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

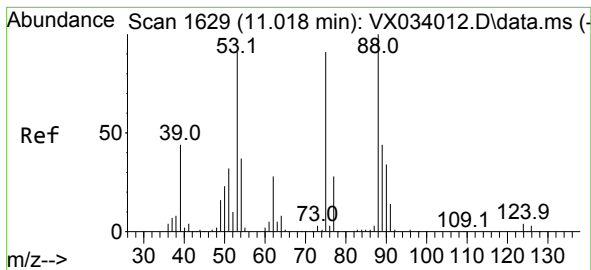
Tgt Ion: 91 Resp: 641376
Ion Ratio Lower Upper
91 100
126 34.2 18.1 54.1



#80
1,3,5-Trimethylbenzene
Concen: 50.463 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 105 Resp: 780170
Ion Ratio Lower Upper
105 100
120 49.0 25.6 76.8

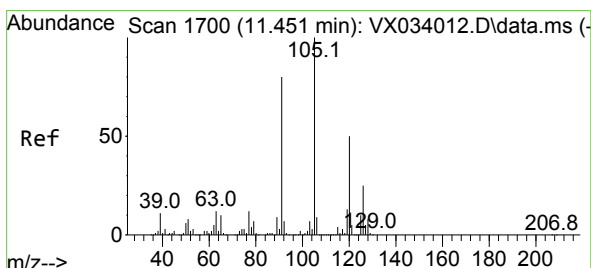
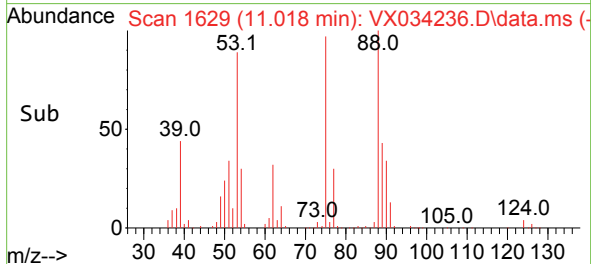
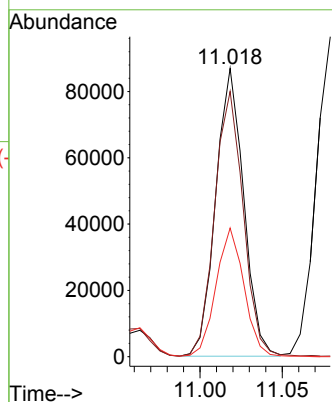
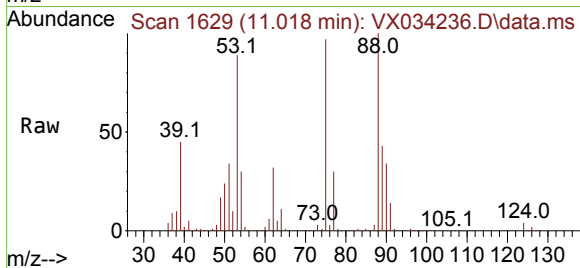




#81
trans-1,4-Dichloro-2-butene
Concen: 43.441 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

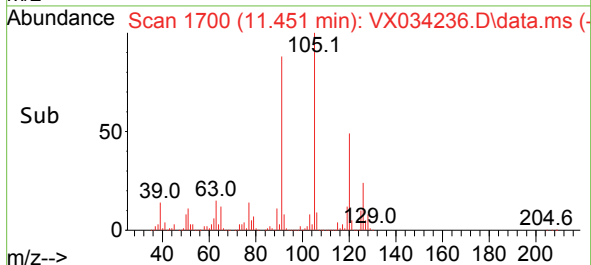
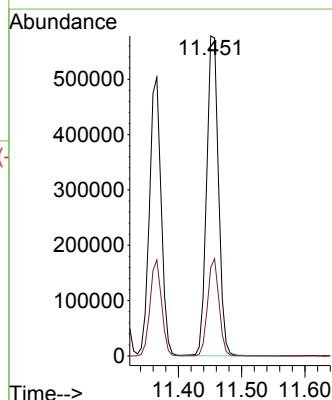
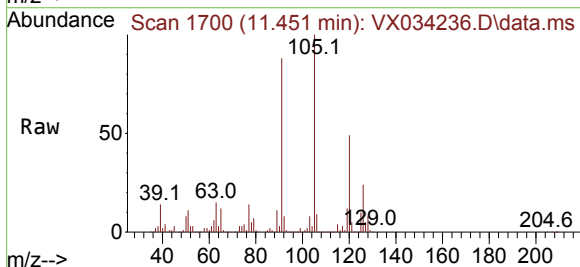
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

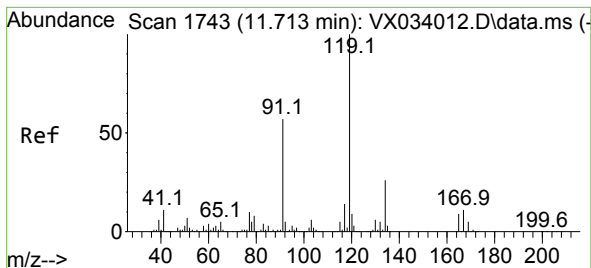
Tgt Ion: 75 Resp: 102669
Ion Ratio Lower Upper
75 100
53 94.0 83.0 124.6
89 44.9 37.7 56.5



#82
4-Chlorotoluene
Concen: 50.662 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX034236.D
Acq: 22 Feb 2023 18:04

Tgt Ion: 91 Resp: 756692
Ion Ratio Lower Upper
91 100
126 29.2 15.8 47.4





#83

tert-Butylbenzene

Concen: 50.050 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

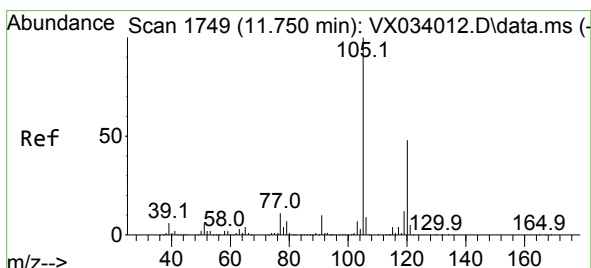
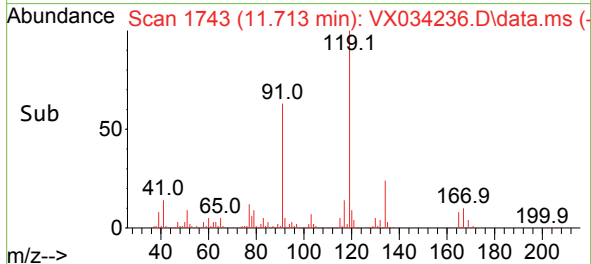
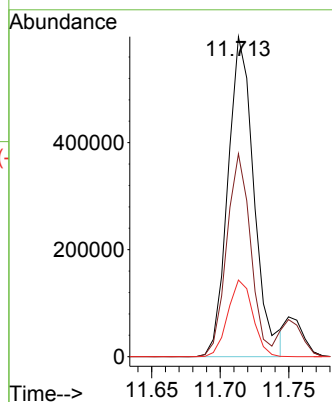
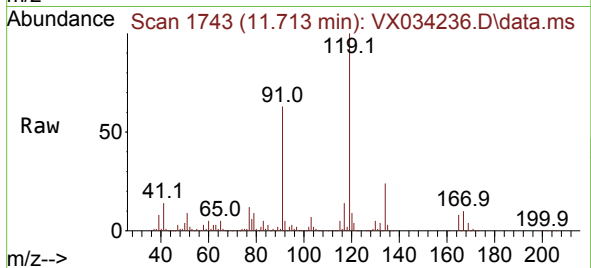
Tgt Ion:119 Resp: 792496

Ion Ratio Lower Upper

119 100

91 58.4 26.9 80.7

134 23.0 12.3 36.8



#84

1,2,4-Trimethylbenzene

Concen: 49.860 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034236.D

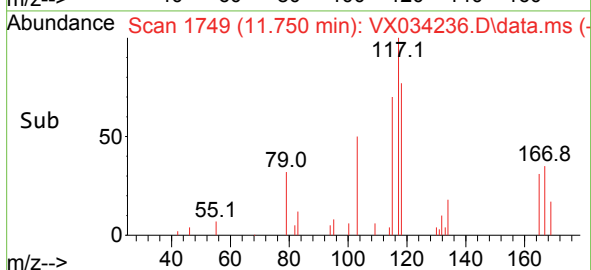
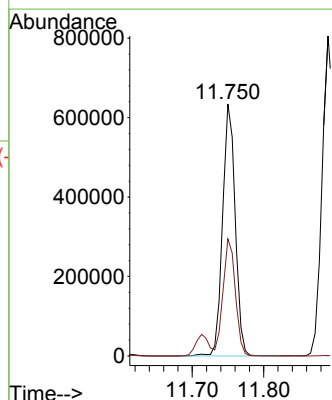
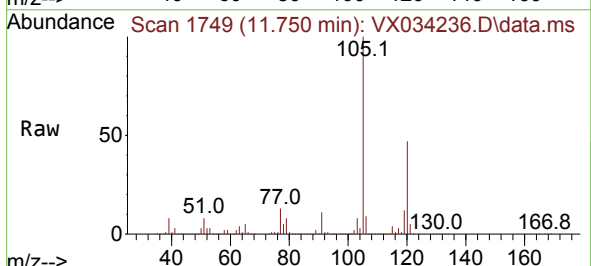
Acq: 22 Feb 2023 18:04

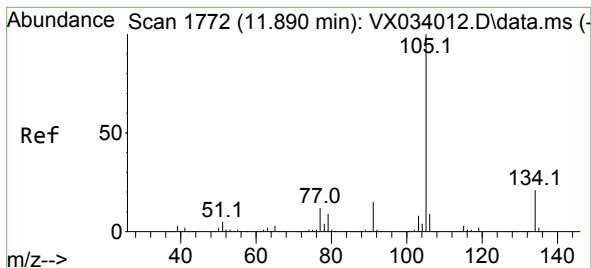
Tgt Ion:105 Resp: 779415

Ion Ratio Lower Upper

105 100

120 45.2 23.4 70.2





#85

sec-Butylbenzene

Concen: 51.303 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

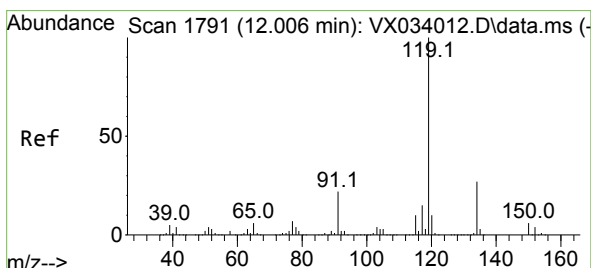
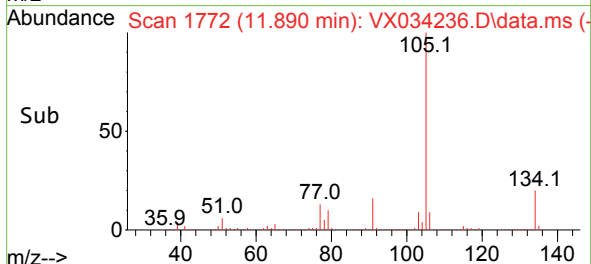
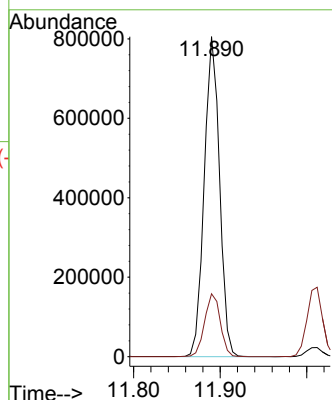
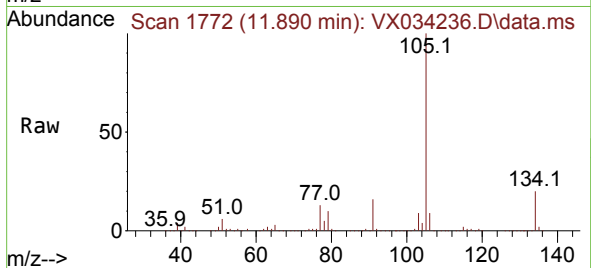
VSTDCCC050EC

Tgt Ion:105 Resp: 986491

Ion Ratio Lower Upper

105 100

134 20.2 10.8 32.3



#86

p-Isopropyltoluene

Concen: 51.111 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

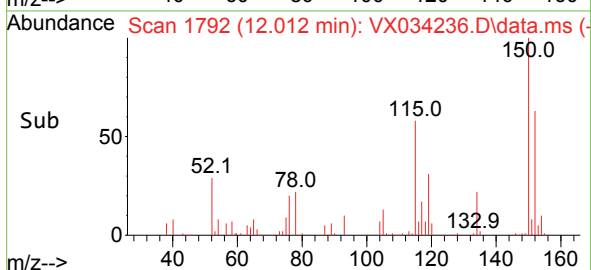
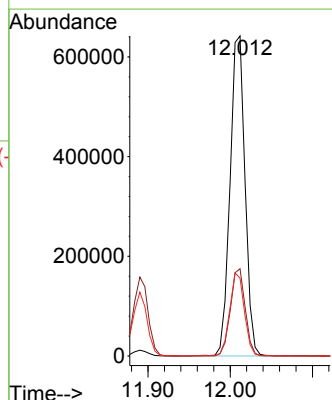
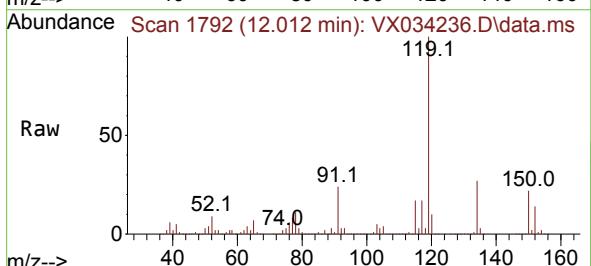
Tgt Ion:119 Resp: 813359

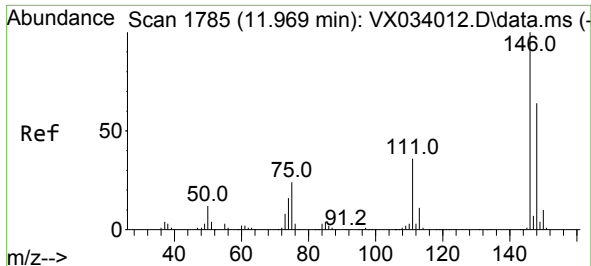
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

91 25.3 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 49.651 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

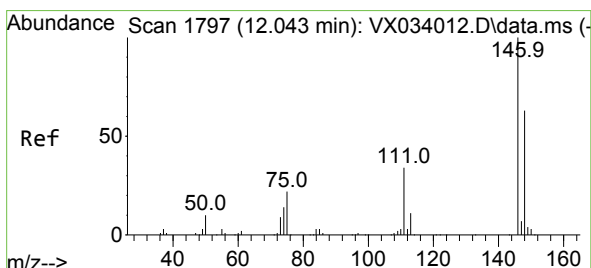
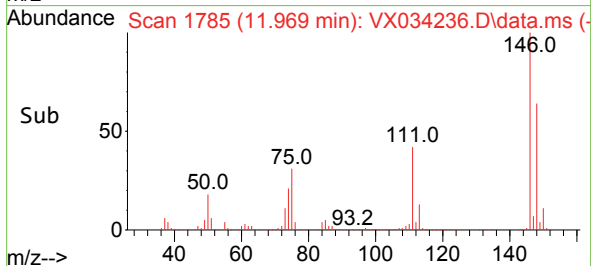
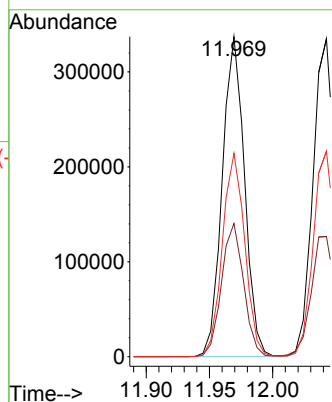
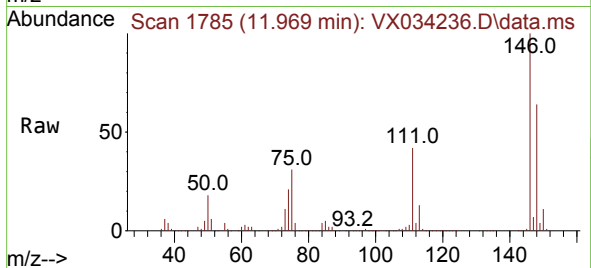
Tgt Ion:146 Resp: 412060

Ion Ratio Lower Upper

146 100

111 41.5 18.6 55.6

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.106 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

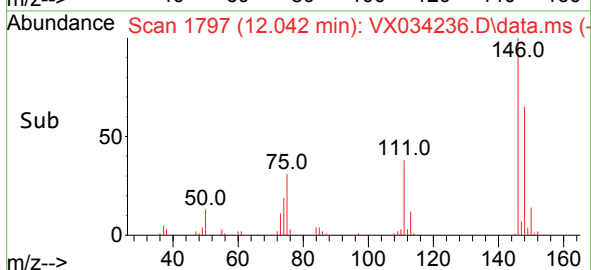
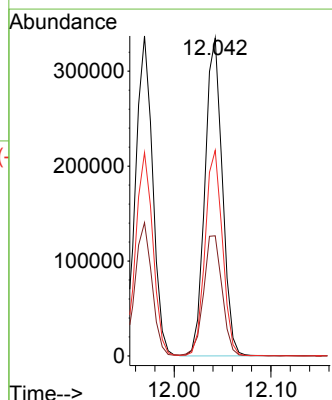
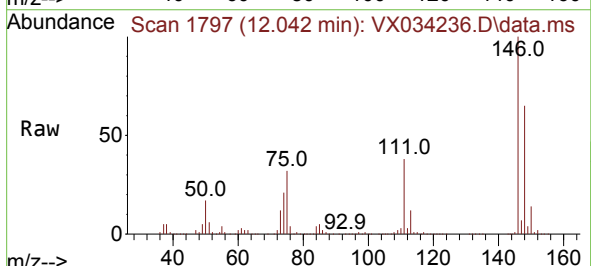
Tgt Ion:146 Resp: 419434

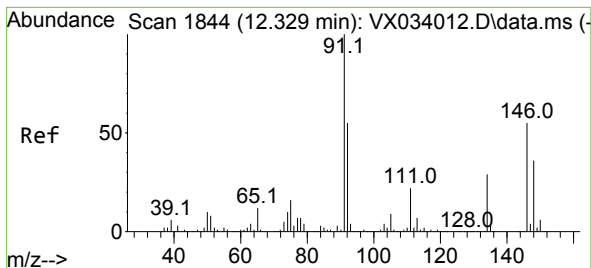
Ion Ratio Lower Upper

146 100

111 40.3 17.8 53.4

148 64.5 32.1 96.3





#89

n-Butylbenzene

Concen: 51.129 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

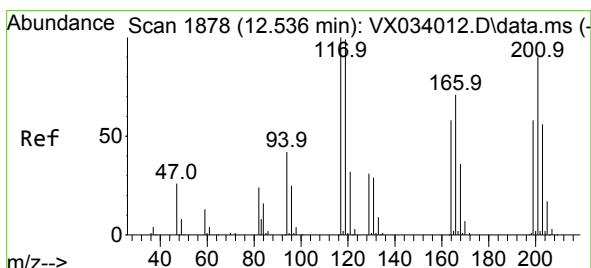
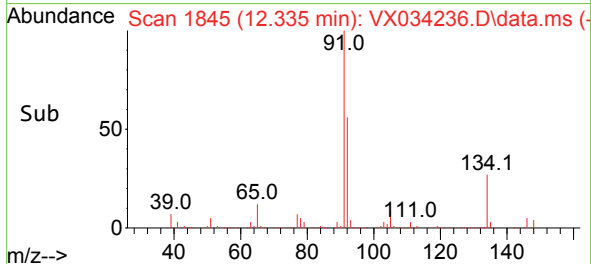
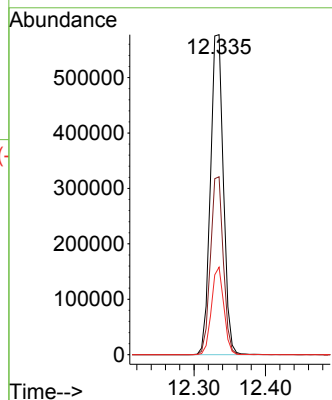
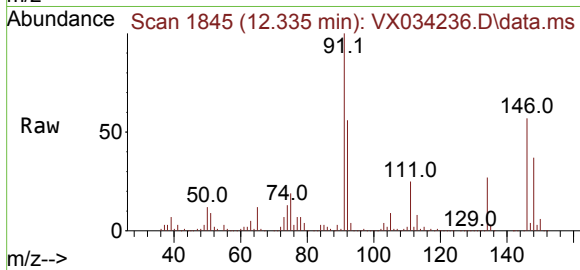
Tgt Ion: 91 Resp: 724681

Ion Ratio Lower Upper

91 100

92 55.2 27.5 82.5

134 26.2 14.3 42.9



#90

Hexachloroethane

Concen: 47.447 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX034236.D

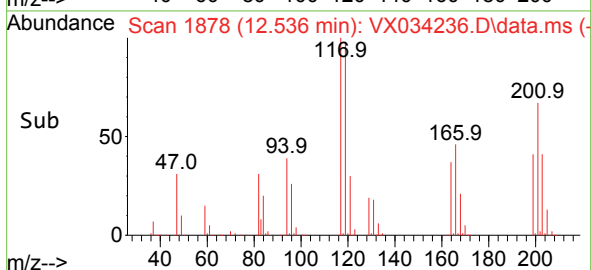
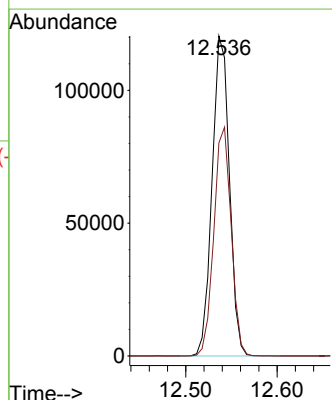
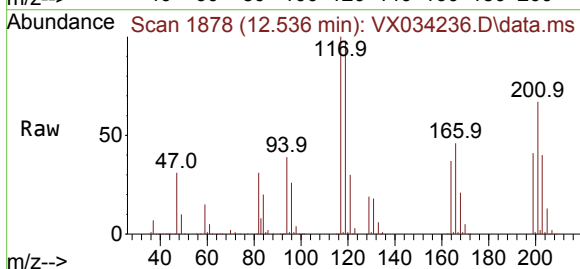
Acq: 22 Feb 2023 18:04

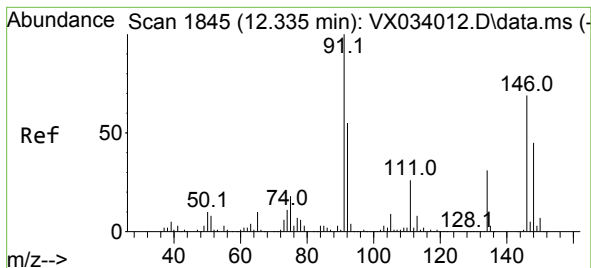
Tgt Ion: 117 Resp: 157867

Ion Ratio Lower Upper

117 100

201 71.7 45.1 135.3





#91

1,2-Dichlorobenzene

Concen: 49.465 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

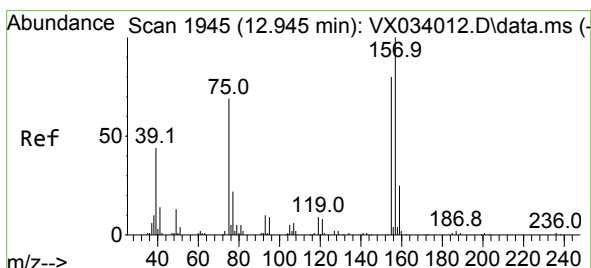
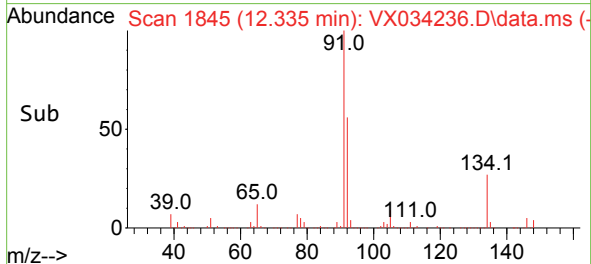
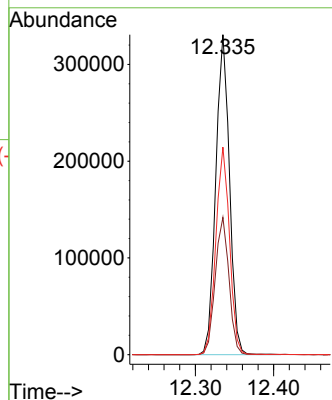
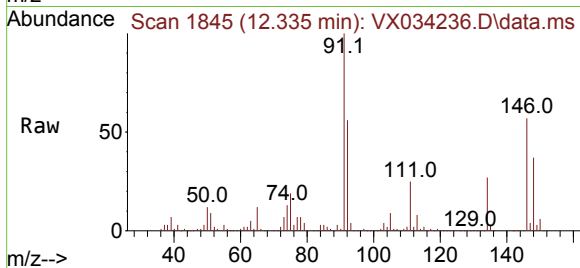
Tgt Ion:146 Resp: 401655

Ion Ratio Lower Upper

146 100

111 43.2 19.3 57.8

148 64.8 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.357 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

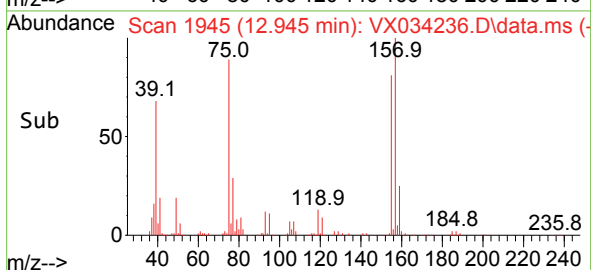
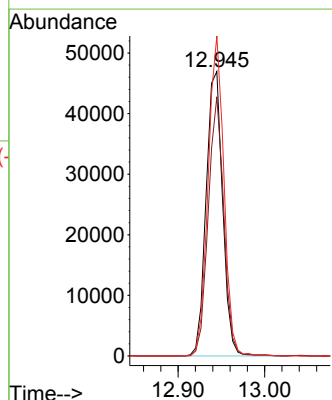
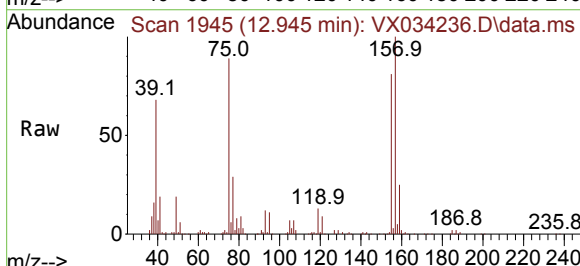
Tgt Ion: 75 Resp: 62028

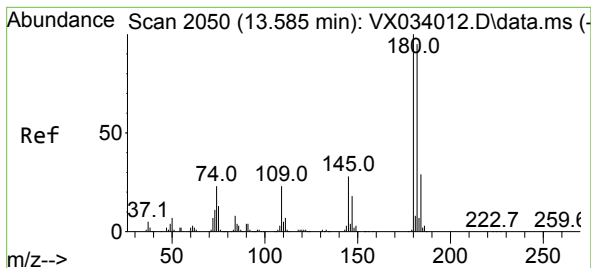
Ion Ratio Lower Upper

75 100

155 86.4 51.7 155.1

157 107.9 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 48.850 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

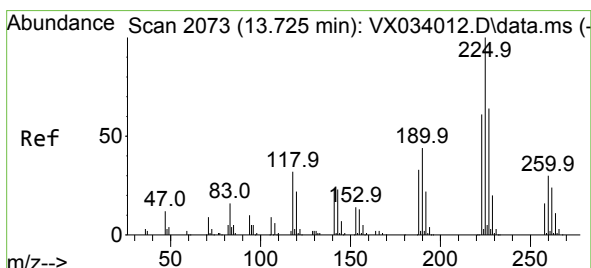
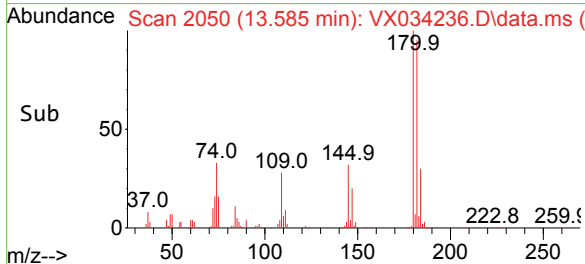
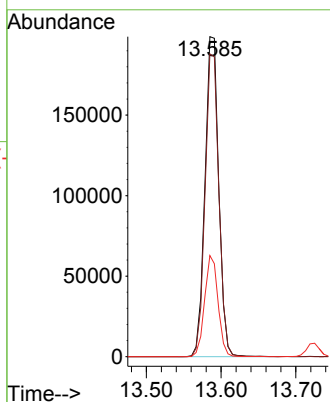
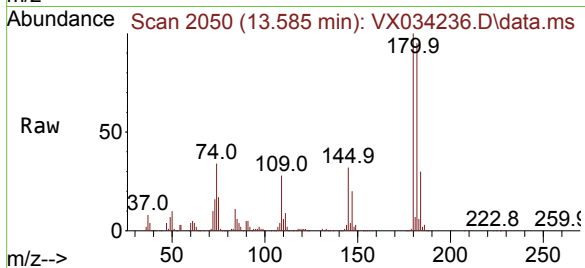
Tgt Ion:180 Resp: 254661

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.6

145 30.8 14.1 42.2



#94

Hexachlorobutadiene

Concen: 46.639 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

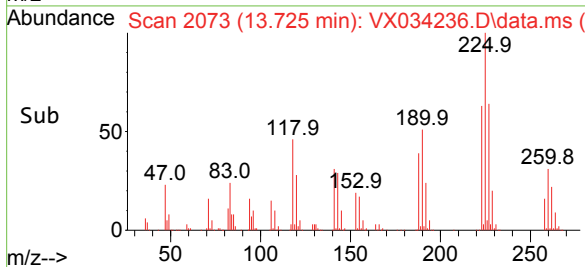
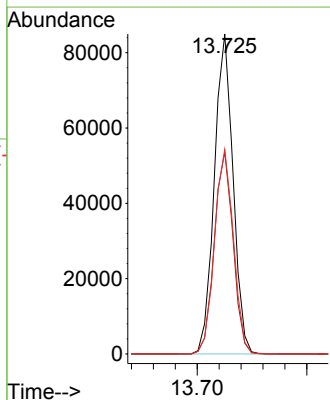
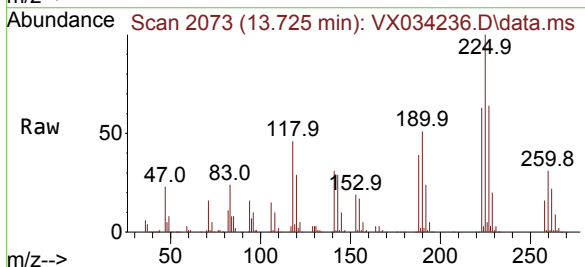
Tgt Ion:225 Resp: 100792

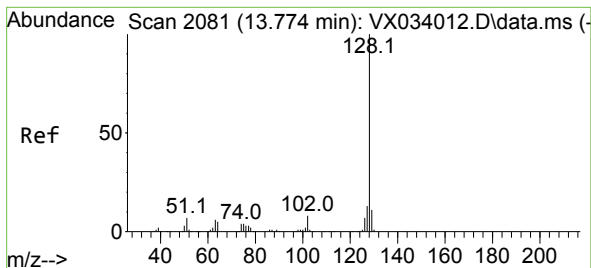
Ion Ratio Lower Upper

225 100

223 63.3 31.3 93.9

227 64.5 32.3 96.9





#95

Naphthalene

Concen: 47.741 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

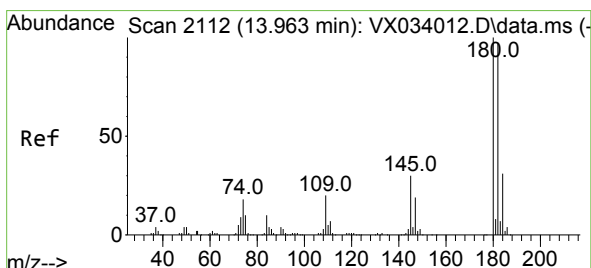
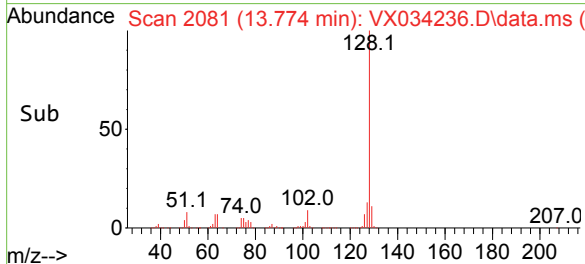
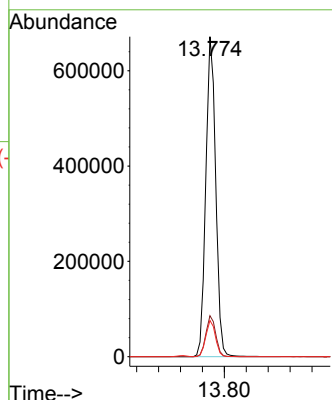
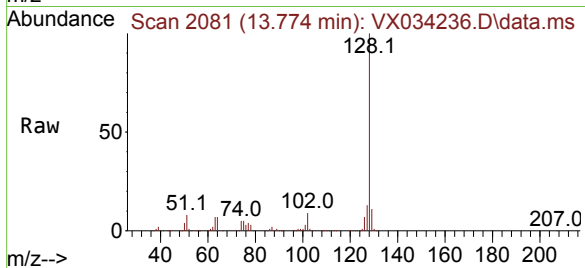
Tgt Ion:128 Resp: 838401

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 48.433 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034236.D

Acq: 22 Feb 2023 18:04

Tgt Ion:180 Resp: 250666

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.9

145 33.2 15.1 45.3

