

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038916.D
 Acq On : 18 Nov 2023 07:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 20 00:36:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	117875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222275	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101678	53.532	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.060%
35) Dibromofluoromethane	5.385	113	81794	50.952	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.900%
50) Toluene-d8	8.647	98	294116	47.886	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.780%
62) 4-Bromofluorobenzene	11.079	95	116886	47.540	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.080%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	68822	50.038	ug/l	96
3) Chloromethane	1.301	50	85988	47.900	ug/l	99
4) Vinyl Chloride	1.374	62	84995	49.152	ug/l	100
5) Bromomethane	1.599	94	43507	60.852	ug/l	98
6) Chloroethane	1.679	64	52194	52.890	ug/l	98
7) Trichlorofluoromethane	1.886	101	110831	50.508	ug/l	100
8) Diethyl Ether	2.136	74	50799	53.152	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	64904	44.601	ug/l	97
10) Methyl Iodide	2.453	142	90084	50.861	ug/l	92
11) Tert butyl alcohol	2.965	59	163074	308.692	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	68778	46.814	ug/l	91
13) Acrolein	2.233	56	75072	268.603	ug/l	99
14) Allyl chloride	2.660	41	141467	48.094	ug/l	92
15) Acrylonitrile	3.063	53	310214	277.909	ug/l	99
16) Acetone	2.380	43	259125	256.277	ug/l	90
17) Carbon Disulfide	2.508	76	190183	41.790	ug/l	99
18) Methyl Acetate	2.703	43	282838	58.892	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	283024	54.771	ug/l	98
20) Methylene Chloride	2.788	84	86883	47.668	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	76684	47.305	ug/l	95
22) Diisopropyl ether	3.764	45	288362	53.438	ug/l #	84
23) Vinyl Acetate	3.721	43	997422	256.646	ug/l	99
24) 1,1-Dichloroethane	3.611	63	153645	50.916	ug/l	100
25) 2-Butanone	4.556	43	451030	275.076	ug/l	96
26) 2,2-Dichloropropane	4.477	77	85405	32.628	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	94843	50.193	ug/l	92
28) Bromochloromethane	4.904	49	77932	53.790	ug/l	98
29) Tetrahydrofuran	5.001	42	299262	287.451	ug/l	98
30) Chloroform	5.093	83	155898	52.908	ug/l	98
31) Cyclohexane	5.465	56	121025	44.629	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	128584	50.381	ug/l	98
36) 1,1-Dichloropropene	5.696	75	106259	46.183	ug/l	98
37) Ethyl Acetate	4.715	43	162880	54.337	ug/l	98
38) Carbon Tetrachloride	5.678	117	106714	50.184	ug/l	99
39) Methylcyclohexane	7.379	83	125390	41.781	ug/l	97
40) Benzene	6.038	78	334565	49.164	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	86365	55.551	ug/l	94
42) 1,2-Dichloroethane	6.086	62	123774	54.898	ug/l	98
43) Isopropyl Acetate	6.336	43	260113	54.297	ug/l	98
44) Trichloroethene	7.123	130	81949	49.474	ug/l	98
45) 1,2-Dichloropropane	7.428	63	92669	50.603	ug/l	99
46) Dibromomethane	7.580	93	65646	53.753	ug/l	98
47) Bromodichloromethane	7.818	83	124647	51.424	ug/l	99
48) Methyl methacrylate	7.690	41	122255	52.598	ug/l	93
49) 1,4-Dioxane	7.659	88	56651	1259.823	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	864932	282.523	ug/l	99
52) Toluene	8.720	92	203724	48.243	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	137152	47.614	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	142504	47.894	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	91490	51.923	ug/l	95
56) Ethyl methacrylate	9.116	69	159497	53.499	ug/l	95
57) 1,3-Dichloropropane	9.305	76	153662	52.730	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	367727	264.779	ug/l	96
59) 2-Hexanone	9.427	43	684399	278.910	ug/l	96
60) Dibromochloromethane	9.519	129	95530	53.320	ug/l	100
61) 1,2-Dibromoethane	9.610	107	97695	52.838	ug/l	100
64) Tetrachloroethene	9.269	164	67520	51.865	ug/l	96
65) Chlorobenzene	10.080	112	216285	47.940	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	81378	50.144	ug/l	98
67) Ethyl Benzene	10.195	91	393257	47.443	ug/l	98
68) m/p-Xylenes	10.299	106	295086	94.111	ug/l	99
69) o-Xylene	10.640	106	149879	48.308	ug/l	100
70) Styrene	10.653	104	252431	48.176	ug/l	98
71) Bromoform	10.799	173	72018	53.232	ug/l #	99
73) Isopropylbenzene	10.964	105	379233	46.237	ug/l	99
74) N-amyl acetate	10.842	43	220753	50.915	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	161483	50.436	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	180216	68.616	ug/l	92
77) Bromobenzene	11.195	156	88717	48.138	ug/l	96
78) n-propylbenzene	11.305	91	461550	45.717	ug/l	98
79) 2-Chlorotoluene	11.366	91	273947	45.723	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	328828	47.681	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	49369	41.693	ug/l #	84
82) 4-Chlorotoluene	11.451	91	323770	46.866	ug/l	100
83) tert-Butylbenzene	11.713	119	311133	45.809	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	330305	47.320	ug/l	100
85) sec-Butylbenzene	11.890	105	410801	46.240	ug/l	98
86) p-Isopropyltoluene	12.006	119	326634	45.800	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	171691	47.574	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	172805	46.784	ug/l	100
89) n-Butylbenzene	12.329	91	318165	44.217	ug/l	97
90) Hexachloroethane	12.536	117	64785	45.489	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	168449	49.211	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	41753	53.227	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	108974	47.508	ug/l	97
94) Hexachlorobutadiene	13.725	225	36391	44.800	ug/l	97
95) Naphthalene	13.774	128	430223	50.360	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	107393	49.390	ug/l	100

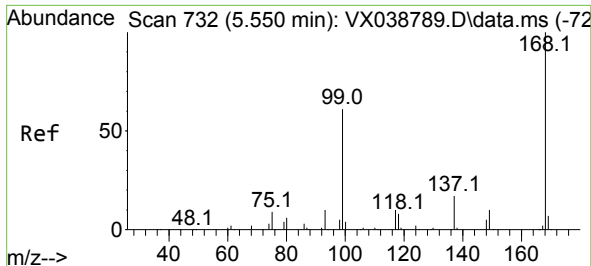
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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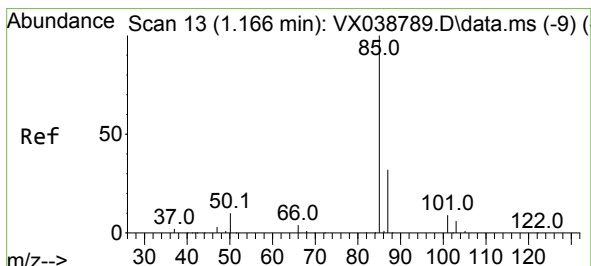
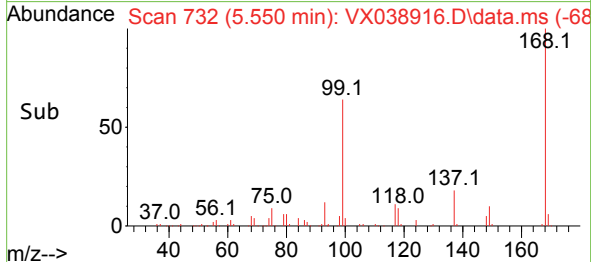
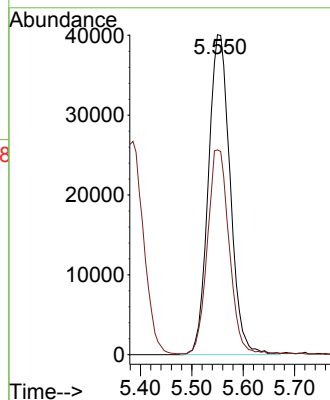
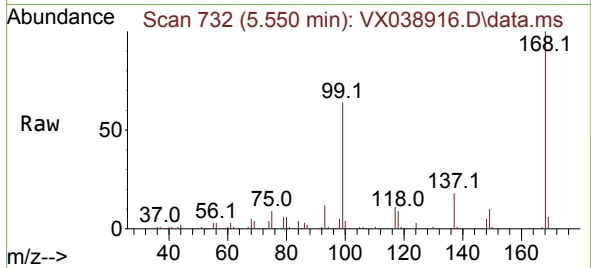
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

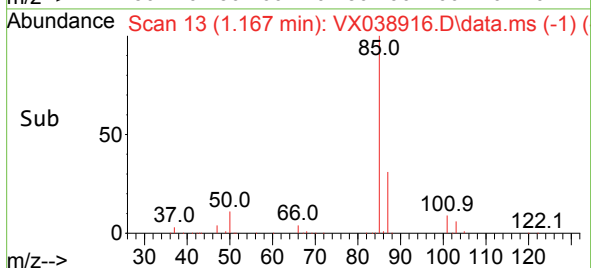
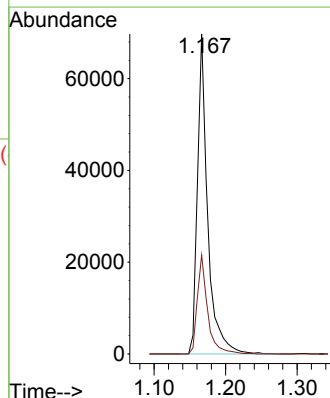
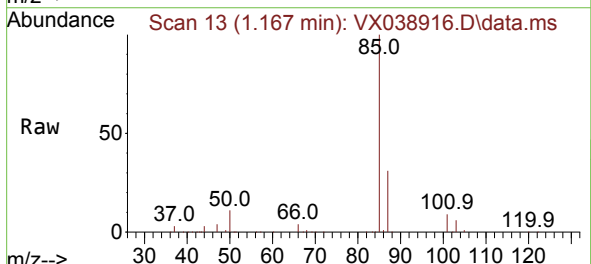
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ClientSampleId :
VSTDCCC050EC

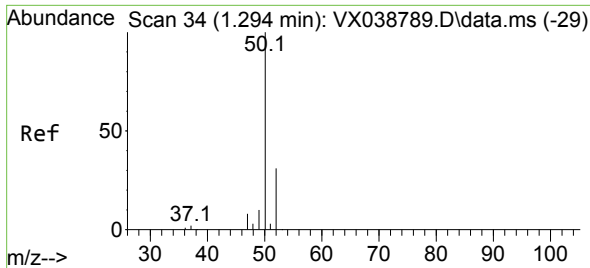
Tgt Ion:168 Resp: 117875
Ion Ratio Lower Upper
168 100
99 63.7 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 50.038 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion: 85 Resp: 68822
Ion Ratio Lower Upper
85 100
87 30.9 16.7 50.1

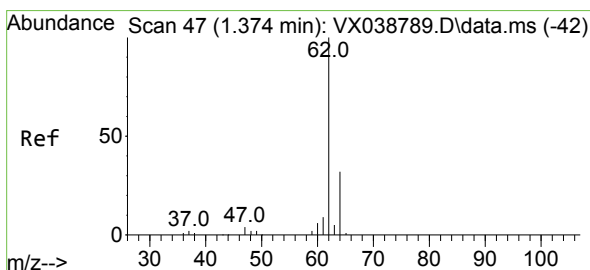
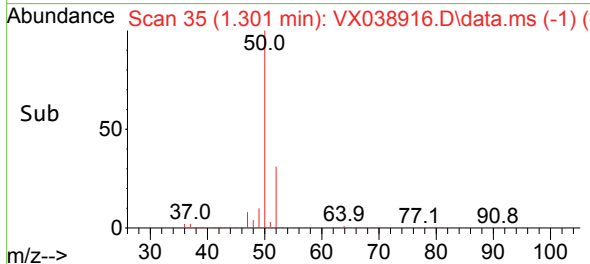
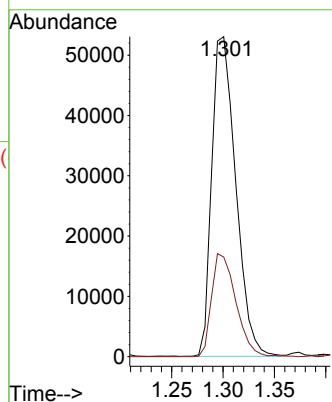
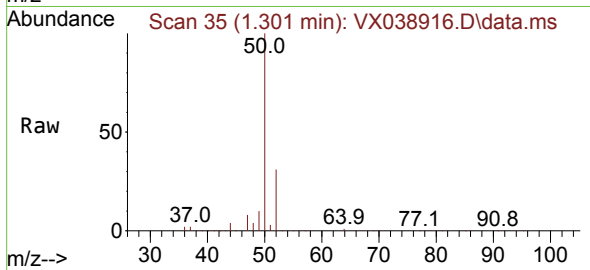




#3
Chloromethane
Concen: 47.900 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

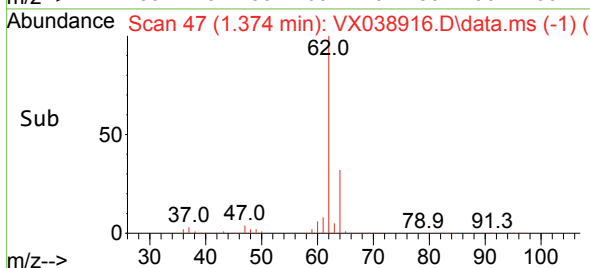
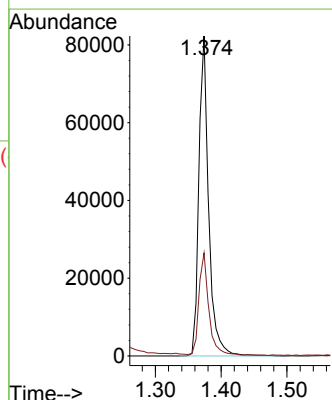
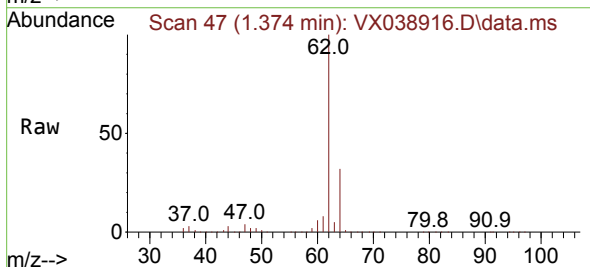
Instrument :
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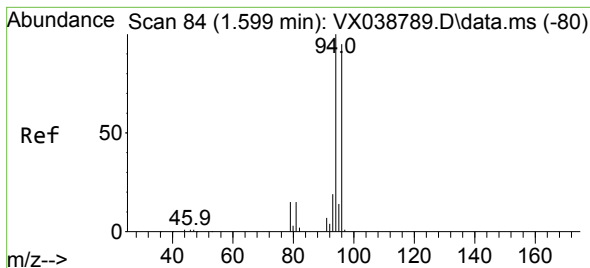
Tgt Ion: 50 Resp: 85988
Ion Ratio Lower Upper
50 100
52 31.2 25.5 38.3



#4
Vinyl Chloride
Concen: 49.152 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion: 62 Resp: 84995
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5

Bromomethane

Concen: 60.852 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

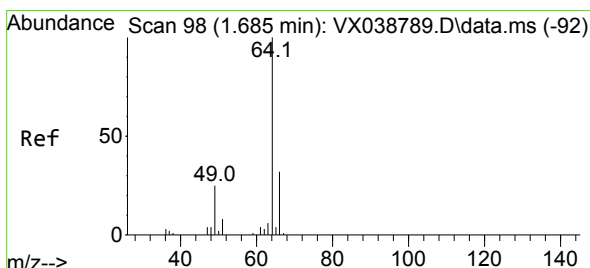
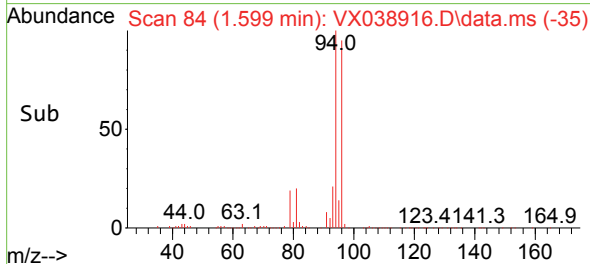
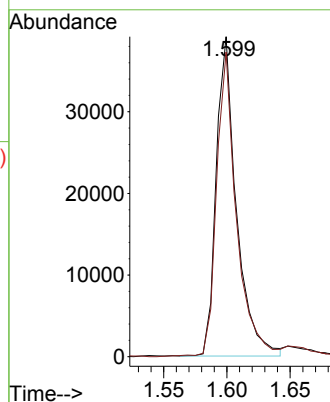
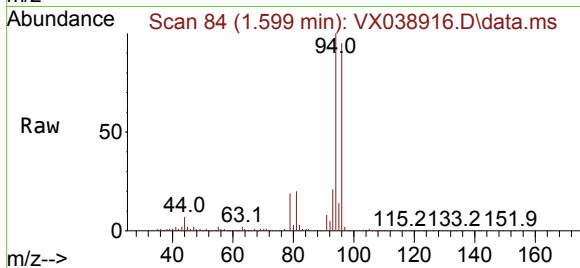
VSTDCCC050EC

Tgt Ion: 94 Resp: 43507

Ion Ratio Lower Upper

94 100

96 95.0 74.6 111.8



#6

Chloroethane

Concen: 52.890 ug/l

RT: 1.679 min Scan# 97

Delta R.T. -0.006 min

Lab File: VX038916.D

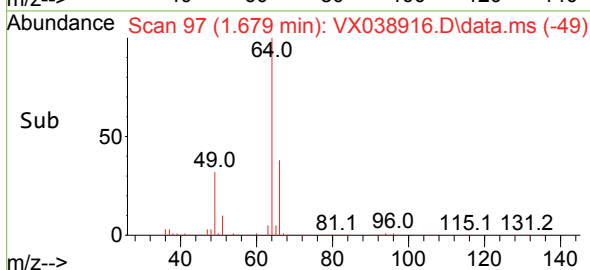
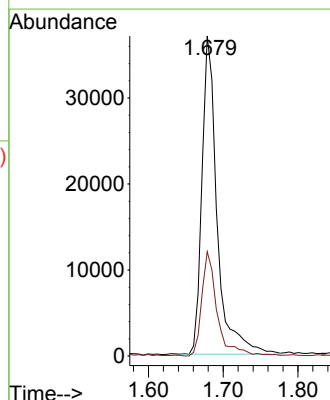
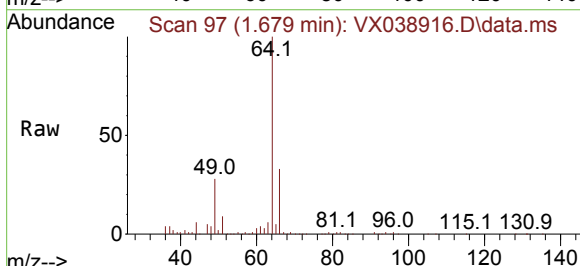
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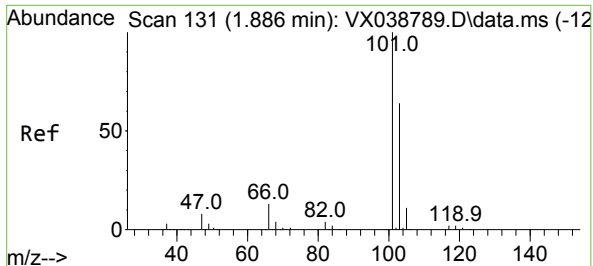
Tgt Ion: 64 Resp: 52194

Ion Ratio Lower Upper

64 100

66 32.6 25.1 37.7

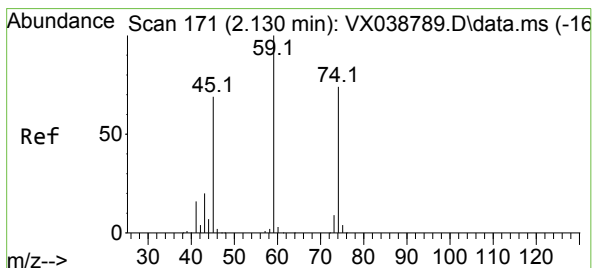
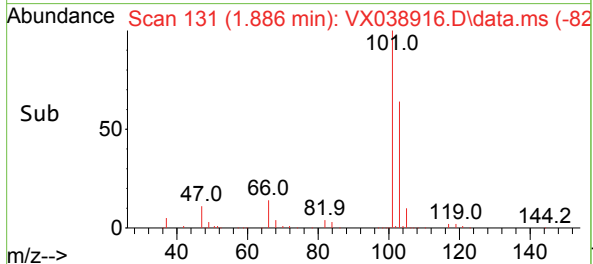
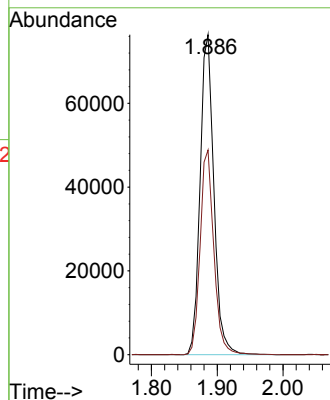
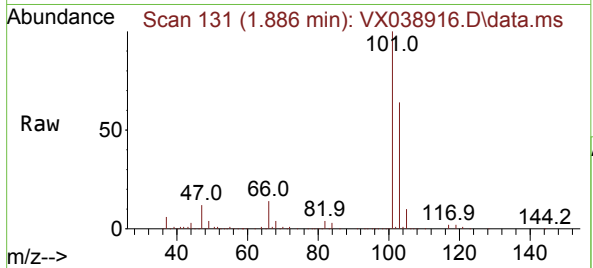




#7
 Trichlorofluoromethane
 Concen: 50.508 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038916.D
 Acq: 18 Nov 2023 07:49

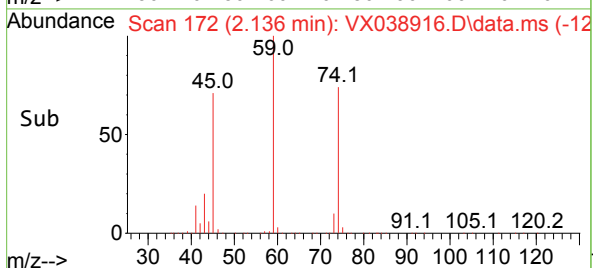
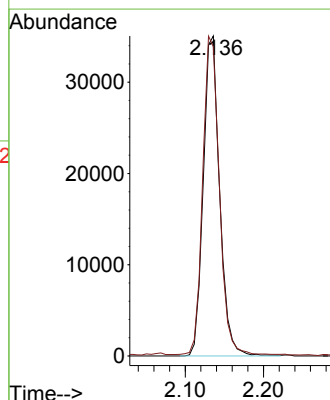
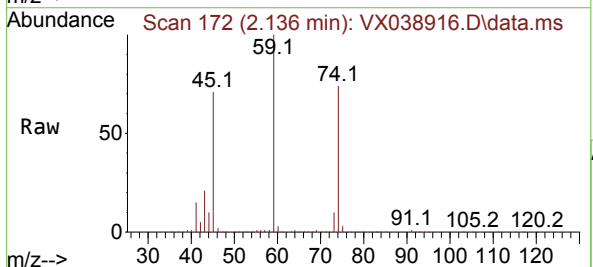
Instrument :
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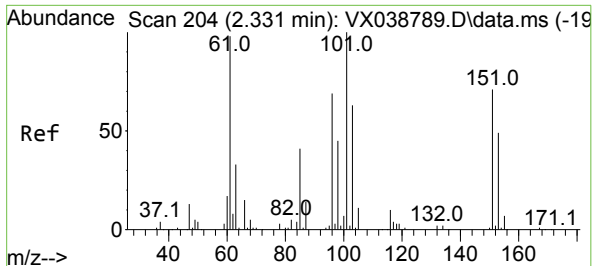
Tgt Ion:101 Resp: 110831
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.4 77.2



#8
 Diethyl Ether
 Concen: 53.152 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX038916.D
 Acq: 18 Nov 2023 07:49

Tgt Ion: 74 Resp: 50799
 Ion Ratio Lower Upper
 74 100
 45 101.3 53.3 159.8

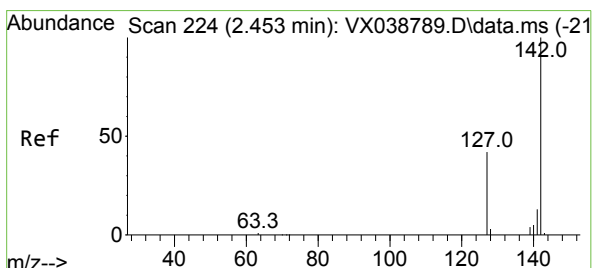
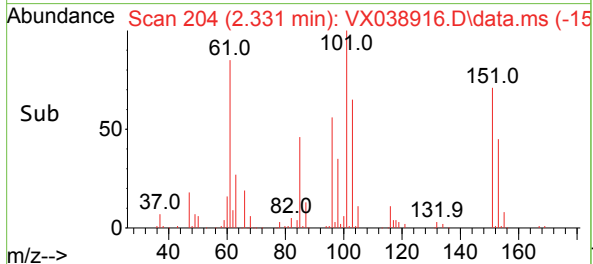
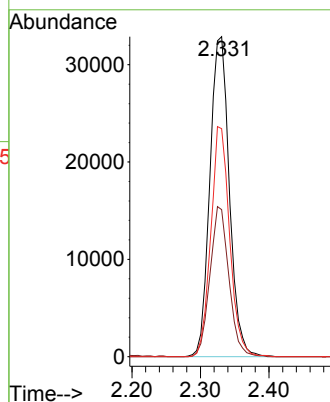
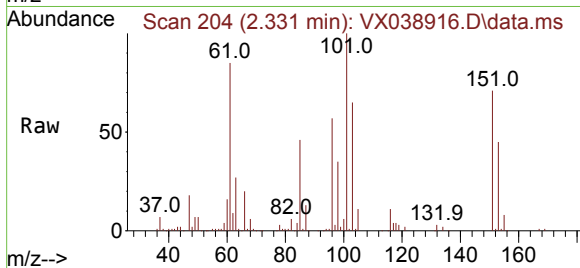




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.601 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038916.D
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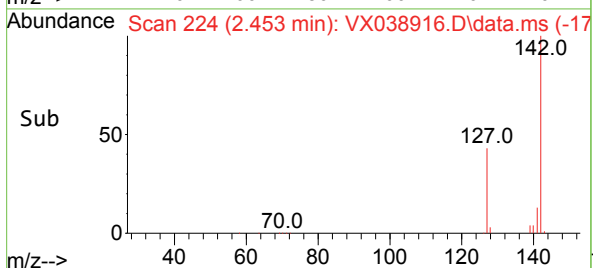
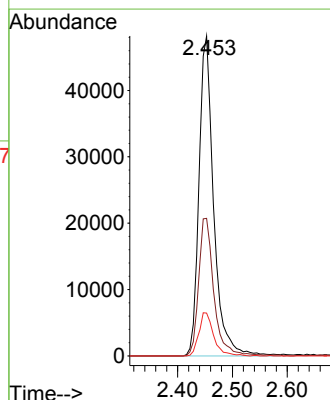
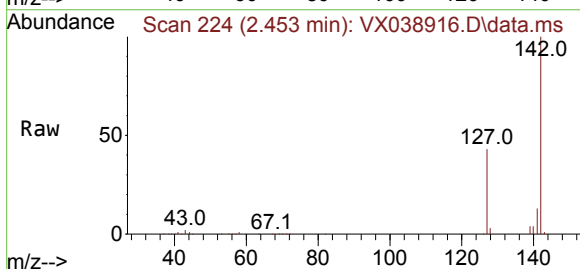
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

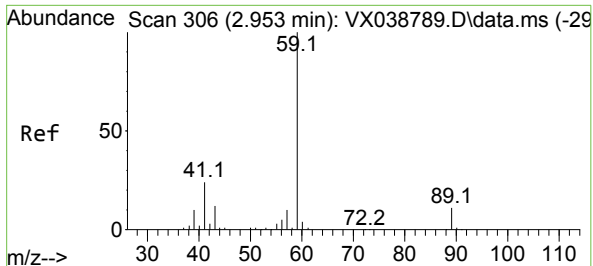
Tgt Ion:101 Resp: 64904
Ion Ratio Lower Upper
101 100
85 45.7 37.0 55.6
151 69.7 58.6 87.8



#10
Methyl Iodide
Concen: 50.861 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion:142 Resp: 90084
Ion Ratio Lower Upper
142 100
127 44.8 41.6 62.4
141 13.6 11.6 17.4

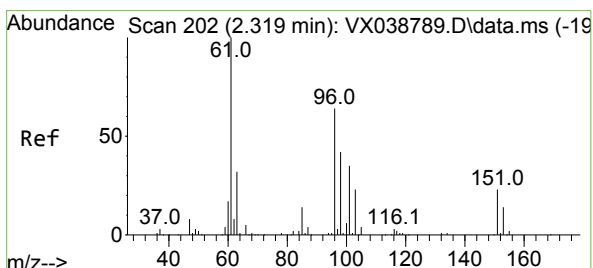
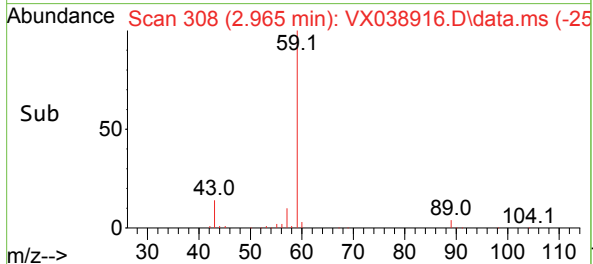
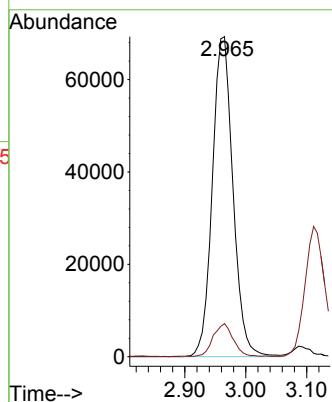
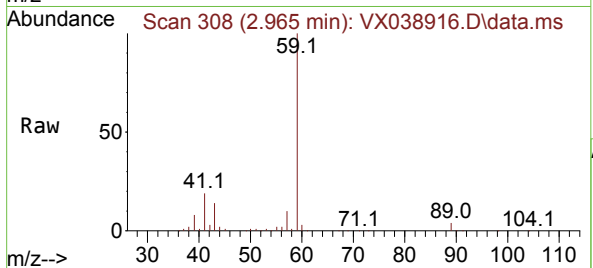




#11
Tert butyl alcohol
Concen: 308.692 ug/l
RT: 2.965 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

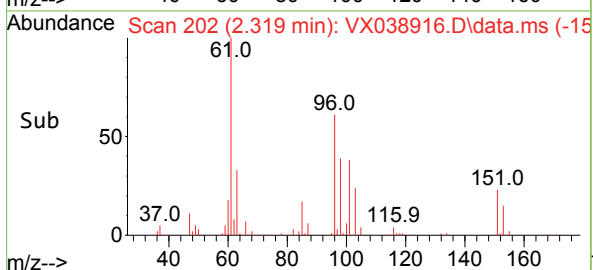
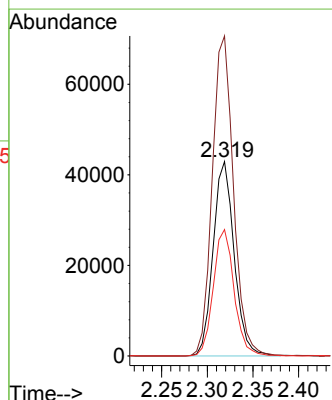
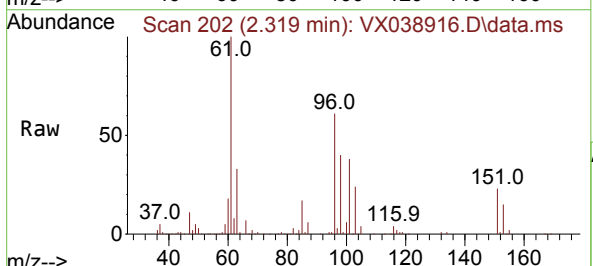
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

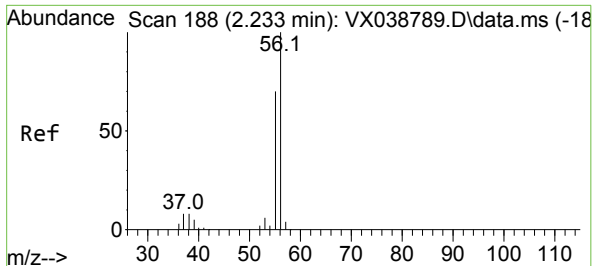
Tgt Ion: 59 Resp: 163074
Ion Ratio Lower Upper
59 100
57 9.9 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 46.814 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion: 96 Resp: 68778
Ion Ratio Lower Upper
96 100
61 164.6 144.6 216.8
98 65.0 50.4 75.6

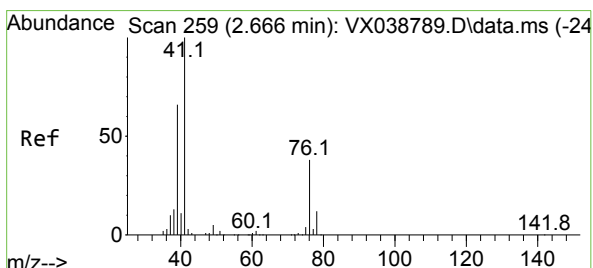
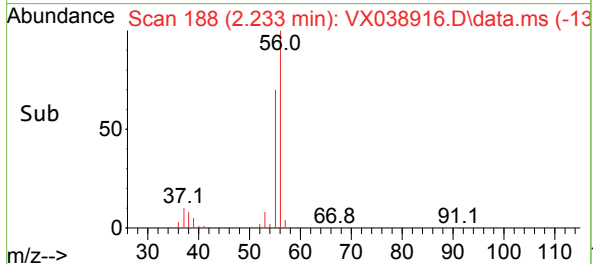
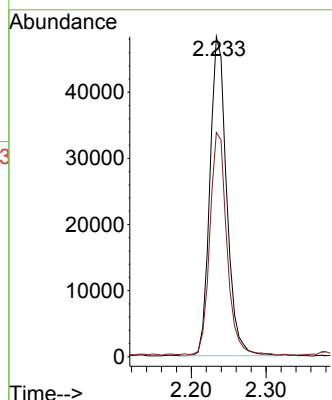
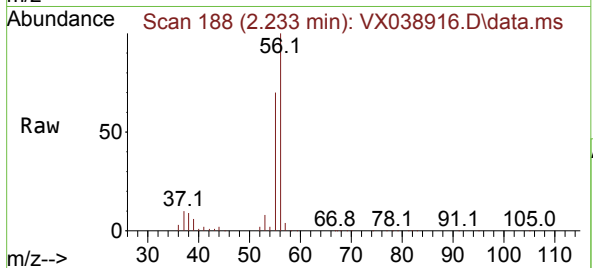




#13
Acrolein
Concen: 268.603 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

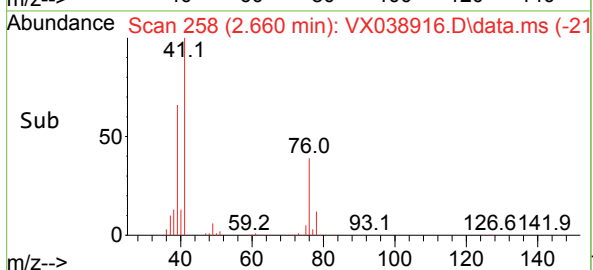
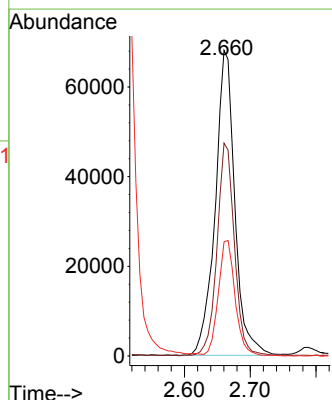
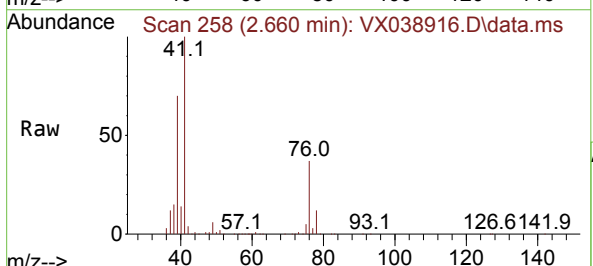
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

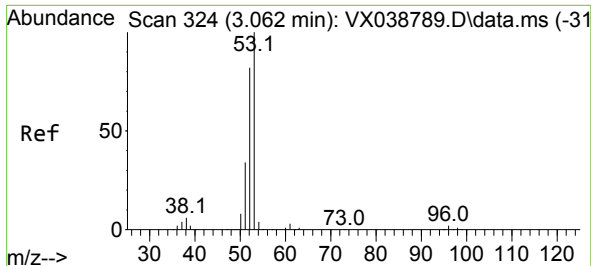
Tgt Ion: 56 Resp: 75072
Ion Ratio Lower Upper
56 100
55 70.7 57.1 85.7



#14
Allyl chloride
Concen: 48.094 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion: 41 Resp: 141467
Ion Ratio Lower Upper
41 100
39 62.1 55.8 83.6
76 32.6 24.3 36.5

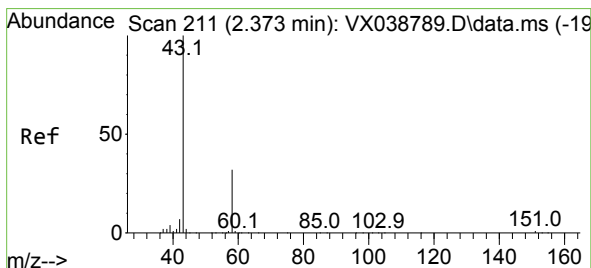
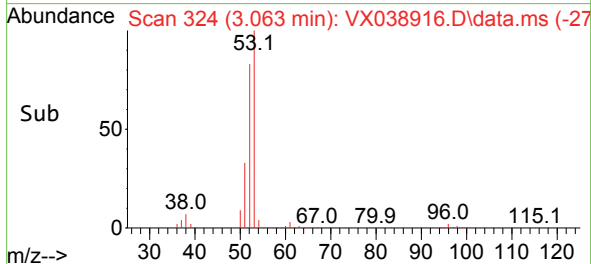
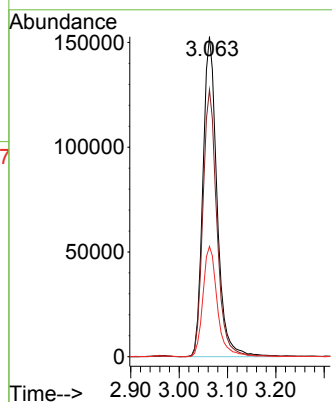
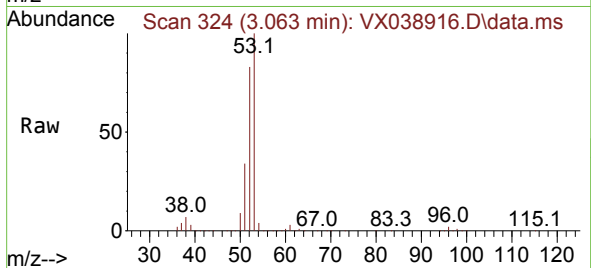




#15
Acrylonitrile
Concen: 277.909 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

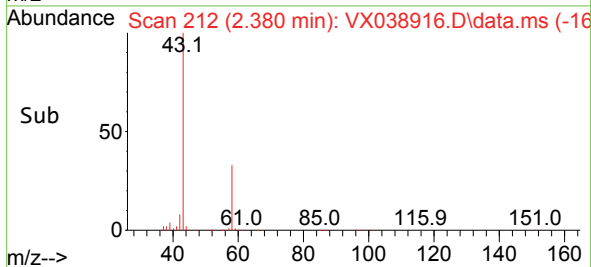
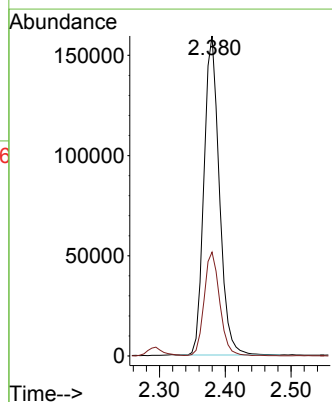
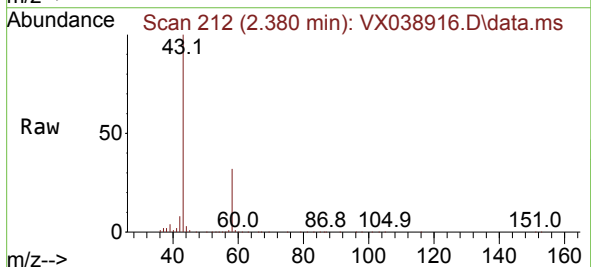
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

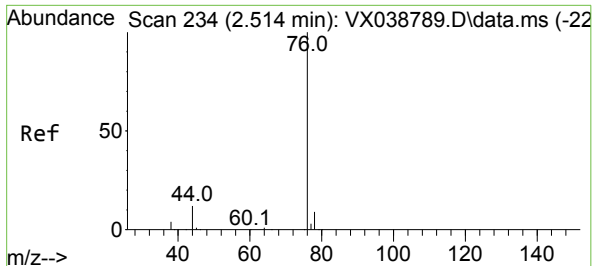
Tgt Ion: 53 Resp: 310214
Ion Ratio Lower Upper
53 100
52 82.6 66.0 99.0
51 35.2 29.8 44.6



#16
Acetone
Concen: 256.277 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion: 43 Resp: 259125
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9

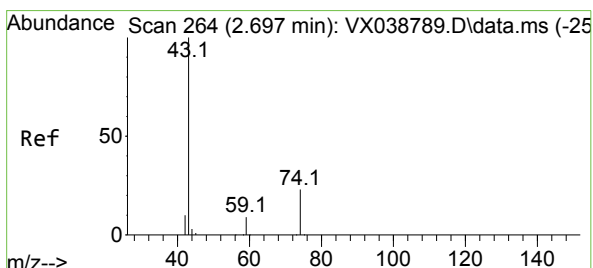
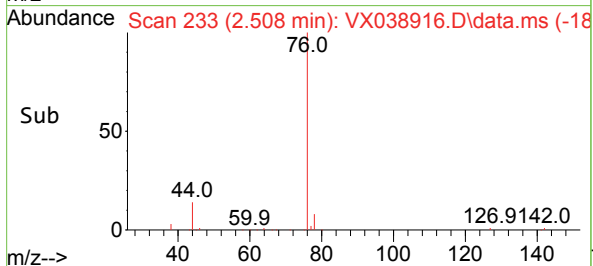
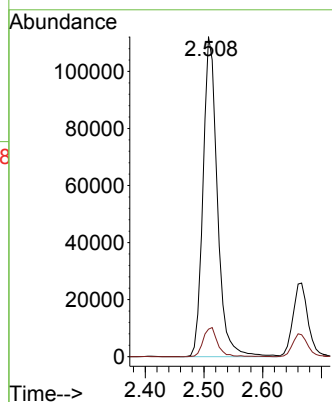
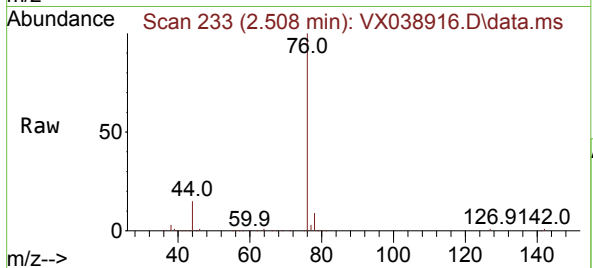




#17
Carbon Disulfide
Concen: 41.790 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

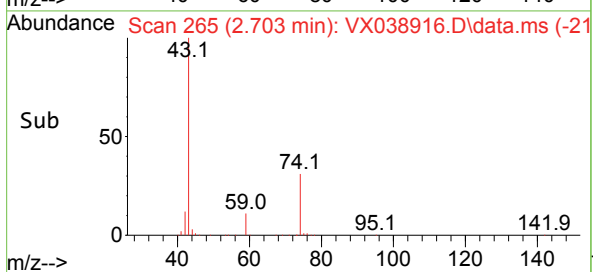
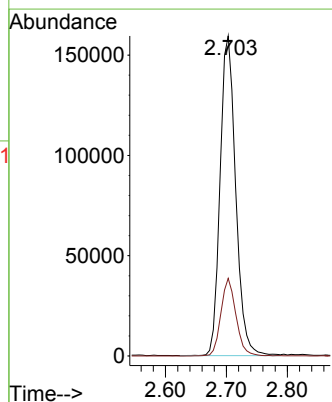
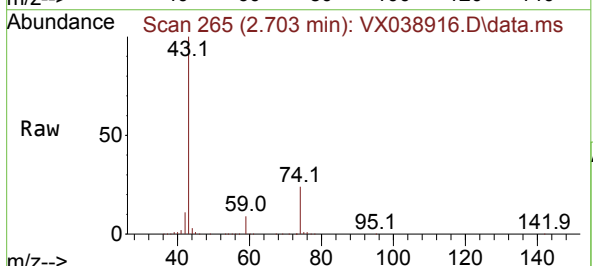
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

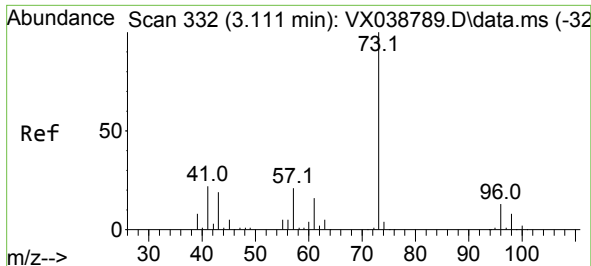
Tgt Ion: 76 Resp: 190183
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6



#18
Methyl Acetate
Concen: 58.892 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion: 43 Resp: 282838
Ion Ratio Lower Upper
43 100
74 23.5 17.8 26.8

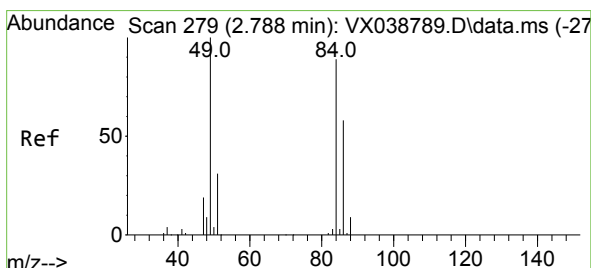
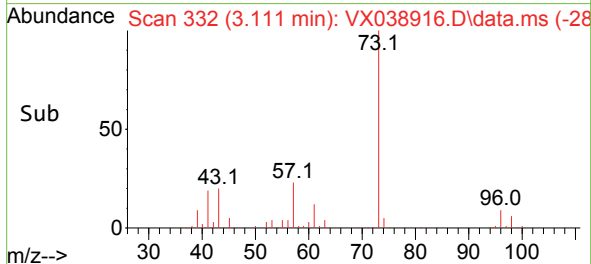
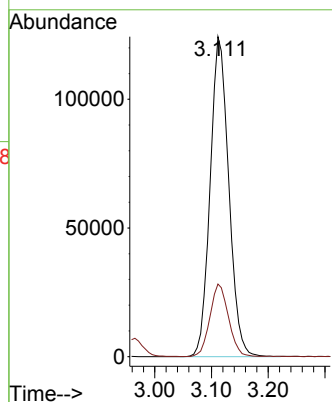
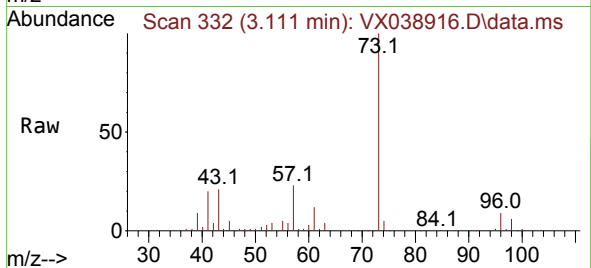




#19
Methyl tert-butyl Ether
Concen: 54.771 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

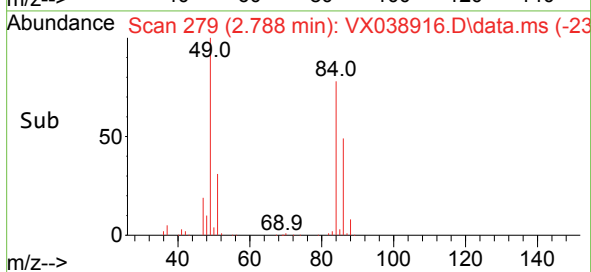
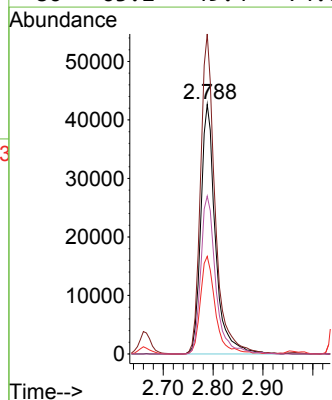
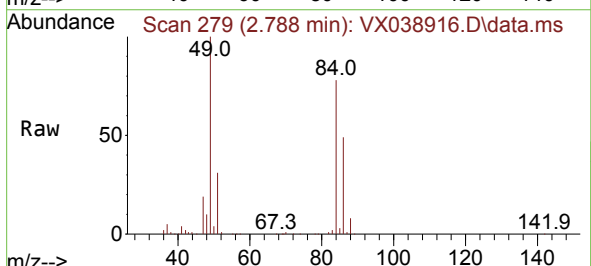
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

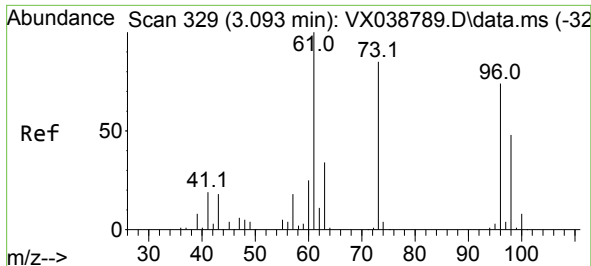
Tgt Ion: 73 Resp: 283024
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9



#20
Methylene Chloride
Concen: 47.668 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion: 84 Resp: 86883
Ion Ratio Lower Upper
84 100
49 128.2 103.6 155.4
51 39.1 33.8 50.6
86 63.2 49.4 74.0

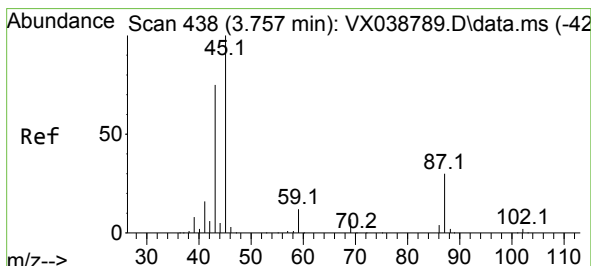
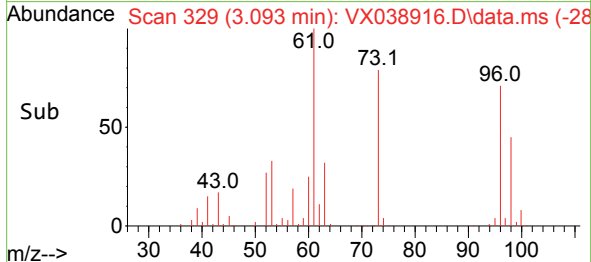
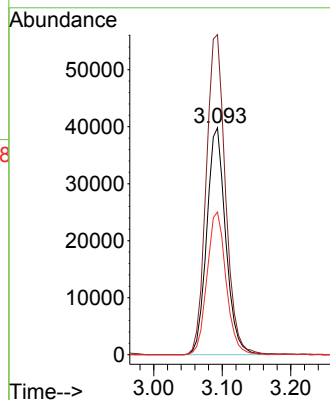
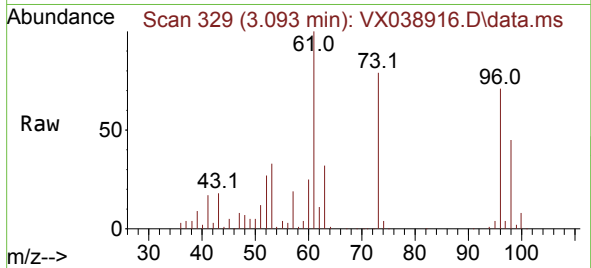




#21
trans-1,2-Dichloroethene
Concen: 47.305 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

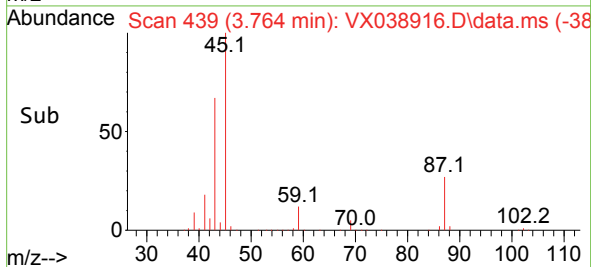
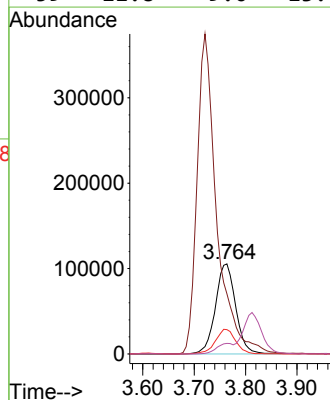
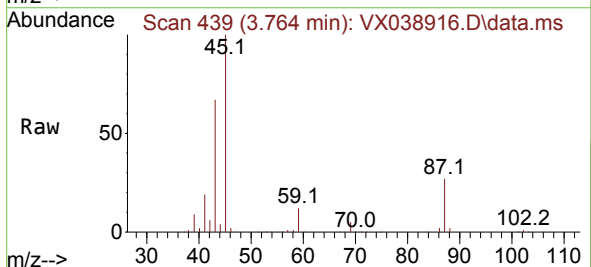
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

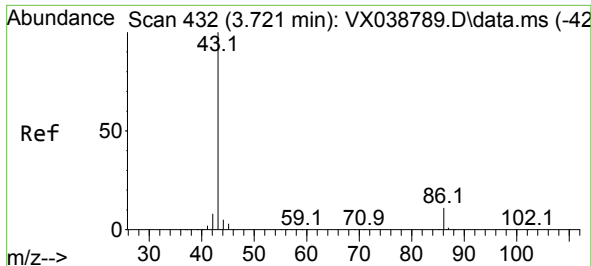
Tgt Ion: 96 Resp: 76684
Ion Ratio Lower Upper
96 100
61 141.1 119.2 178.8
98 62.9 48.7 73.1



#22
Diisopropyl ether
Concen: 53.438 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion: 45 Resp: 288362
Ion Ratio Lower Upper
45 100
43 66.5 69.7 104.5#
87 27.0 20.8 31.2
59 11.8 9.0 13.4

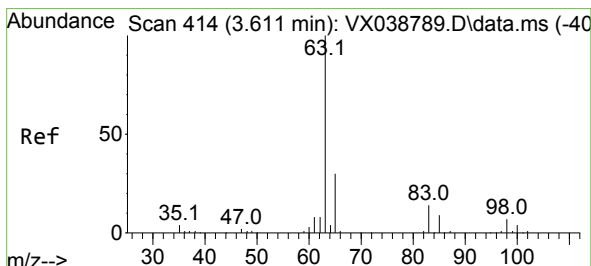
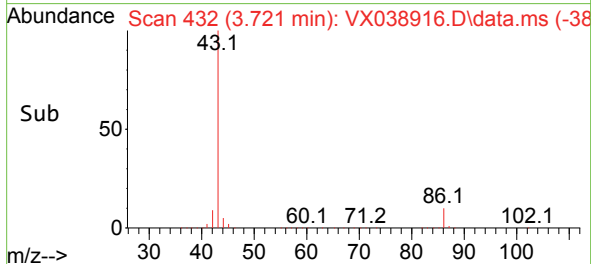
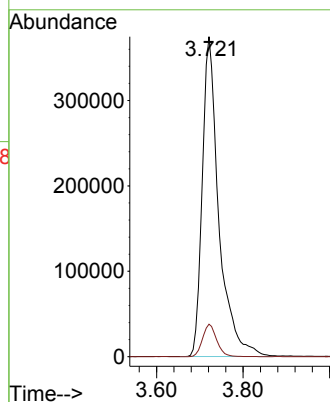
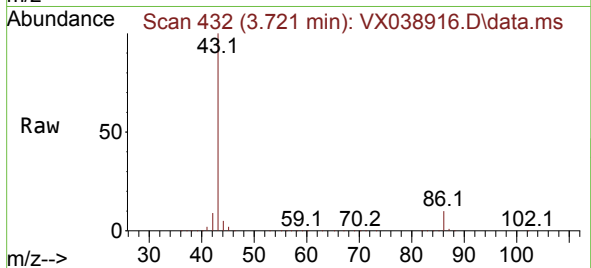




#23
Vinyl Acetate
Concen: 256.646 ug/l
RT: 3.721 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

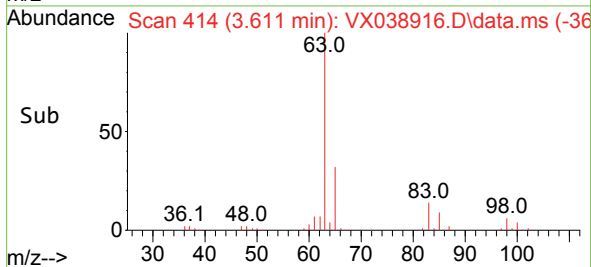
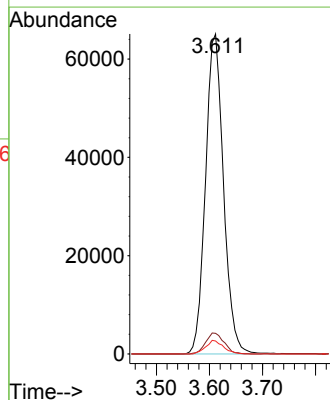
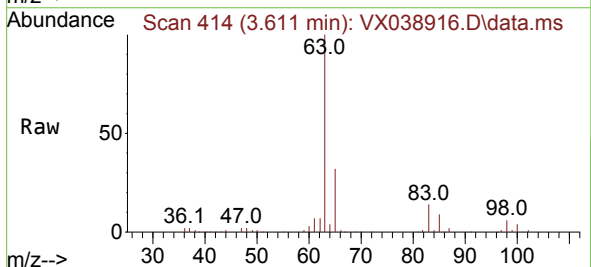
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

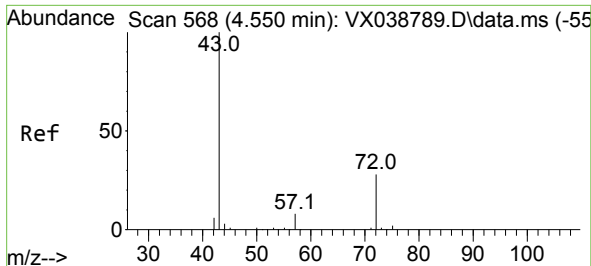
Tgt Ion: 43 Resp: 997422
Ion Ratio Lower Upper
43 100
86 10.2 7.8 11.8



#24
1,1-Dichloroethane
Concen: 50.916 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion: 63 Resp: 153645
Ion Ratio Lower Upper
63 100
98 6.4 3.3 9.8
100 4.0 2.1 6.5





#25

2-Butanone

Concen: 275.076 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

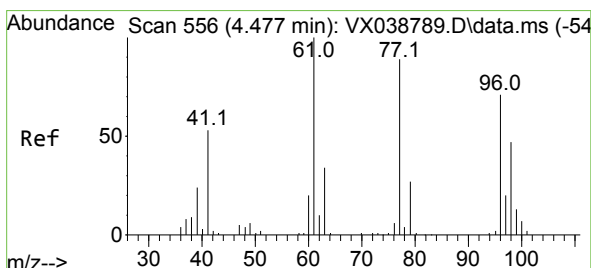
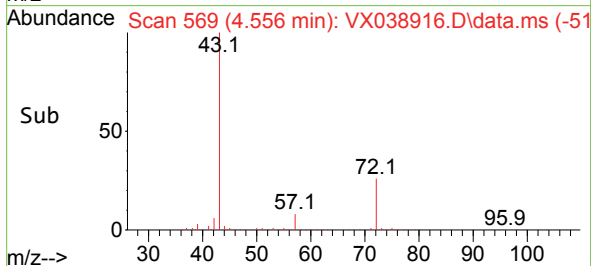
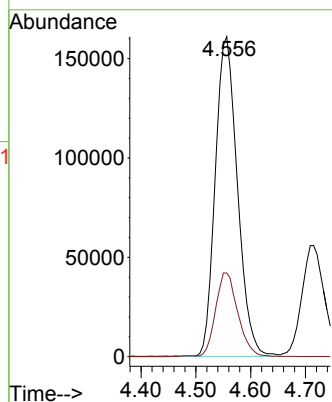
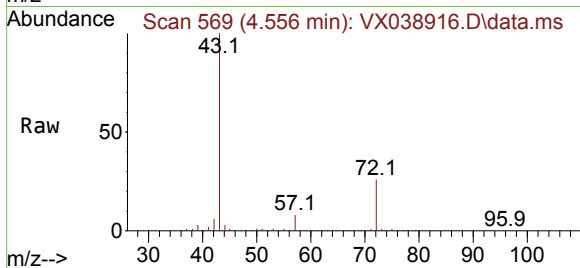
VSTDCCC050EC

Tgt Ion: 43 Resp: 451030

Ion Ratio Lower Upper

43 100

72 26.1 19.4 29.2



#26

2,2-Dichloropropane

Concen: 32.628 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX038916.D

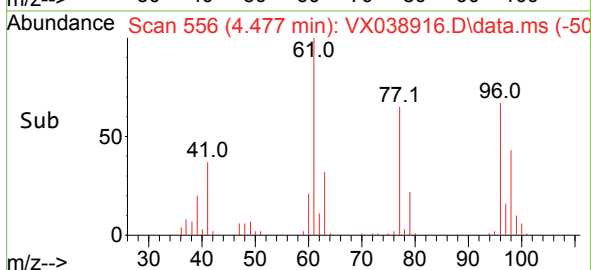
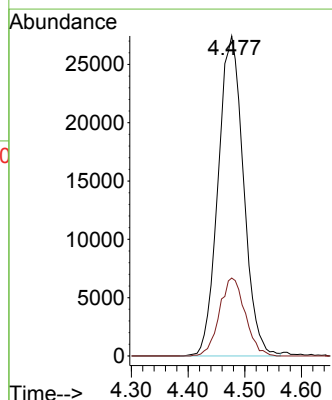
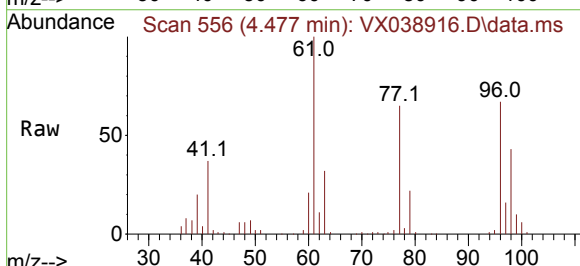
Acq: 18 Nov 2023 07:49

Tgt Ion: 77 Resp: 85405

Ion Ratio Lower Upper

77 100

97 24.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.193 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

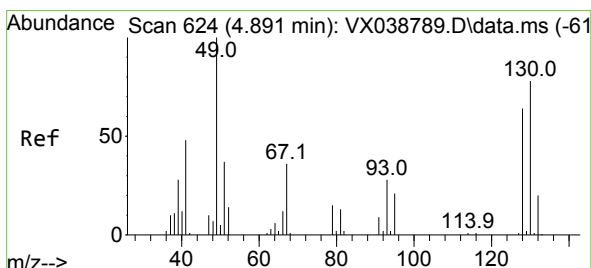
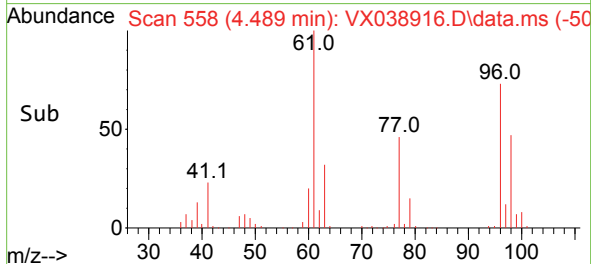
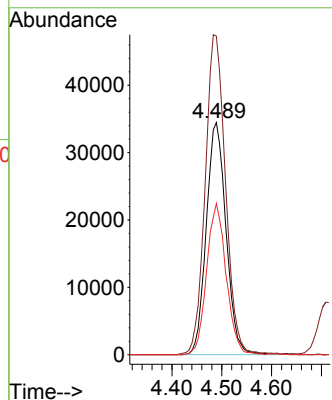
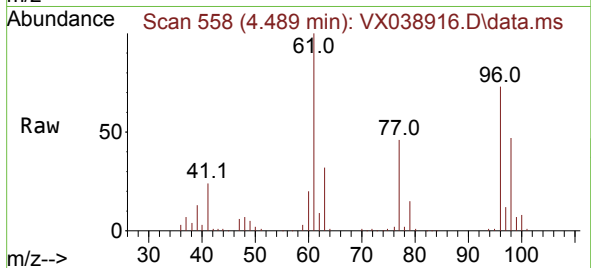
Tgt Ion: 96 Resp: 94843

Ion Ratio Lower Upper

96 100

61 142.1 0.0 312.2

98 64.3 0.0 129.0



#28

Bromochloromethane

Concen: 53.790 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.012 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

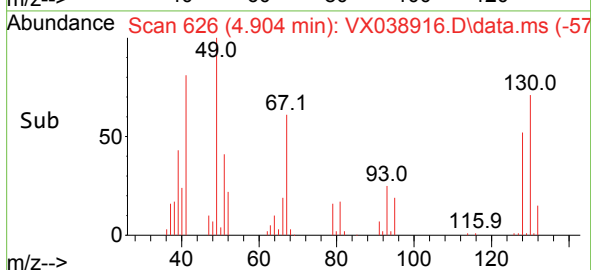
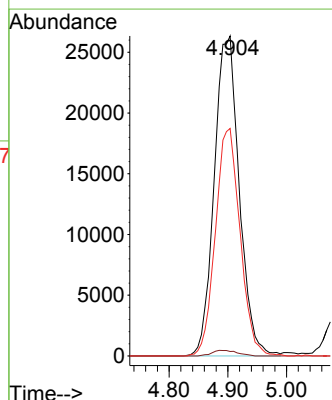
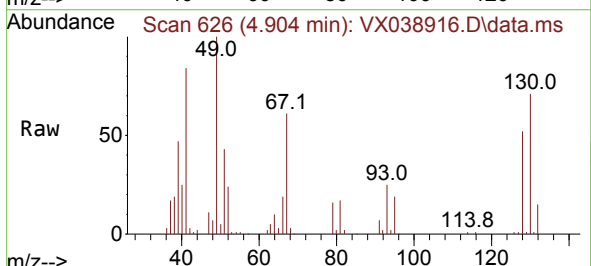
Tgt Ion: 49 Resp: 77932

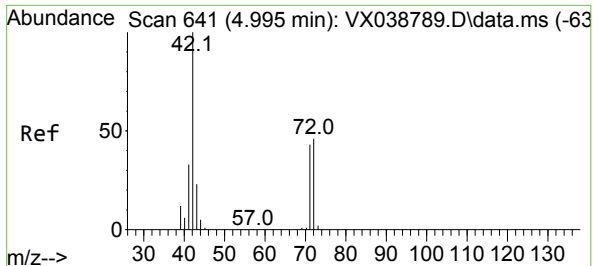
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 70.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 287.451 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

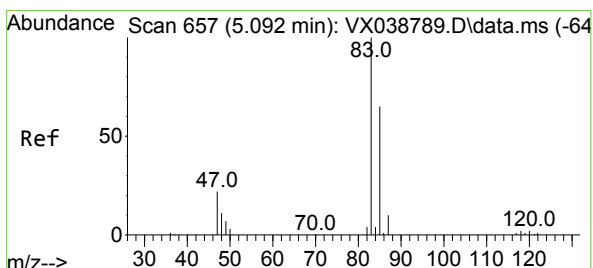
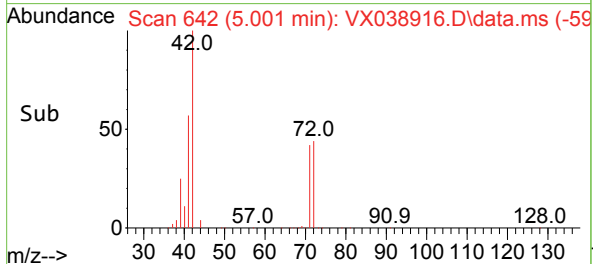
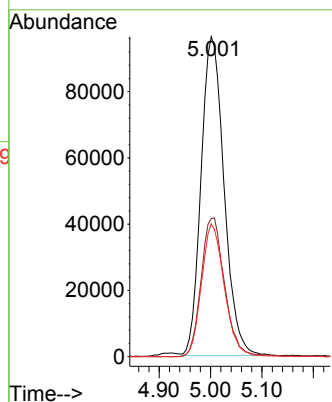
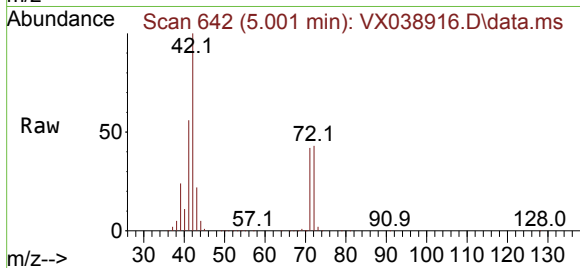
Tgt Ion: 42 Resp: 299262

Ion Ratio Lower Upper

42 100

72 44.4 34.2 51.4

71 41.3 32.2 48.2



#30

Chloroform

Concen: 52.908 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX038916.D

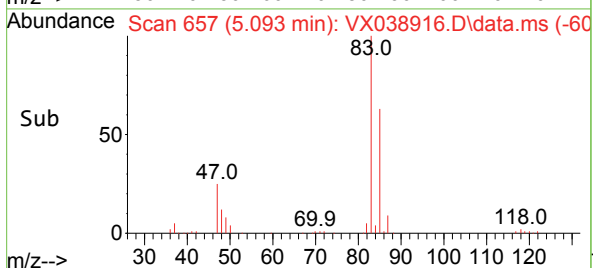
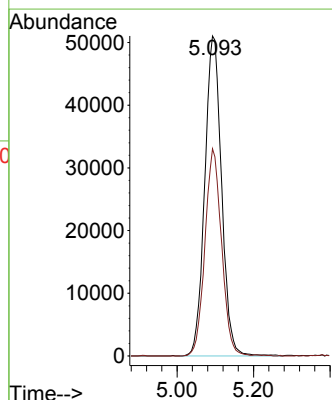
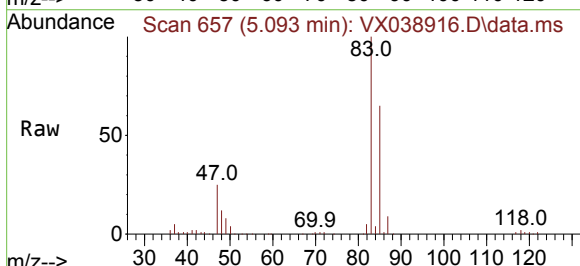
Acq: 18 Nov 2023 07:49

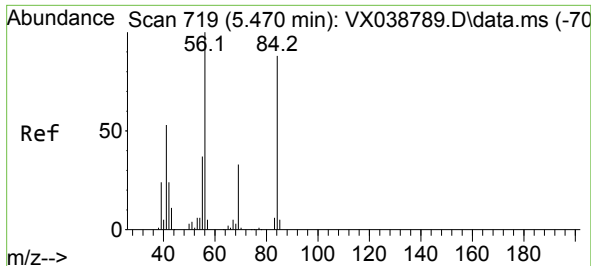
Tgt Ion: 83 Resp: 155898

Ion Ratio Lower Upper

83 100

85 64.7 50.3 75.5

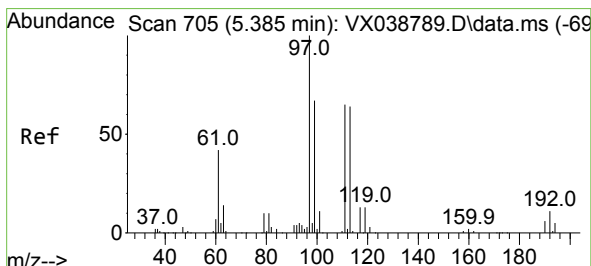
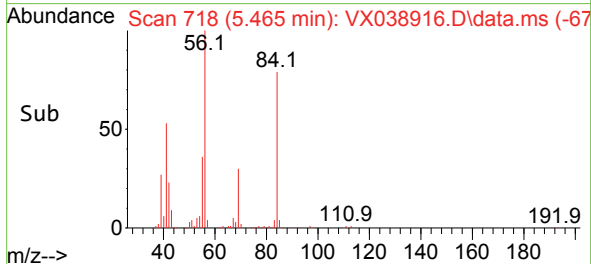
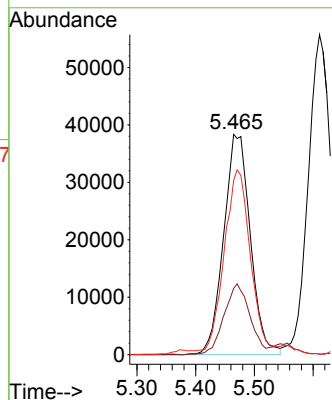
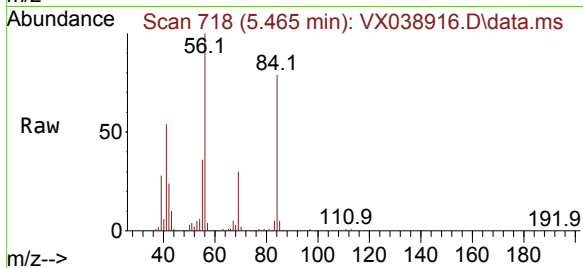




#31
Cyclohexane
Concen: 44.629 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

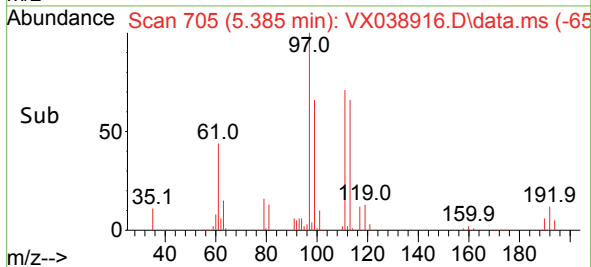
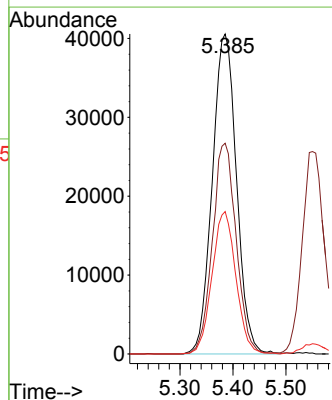
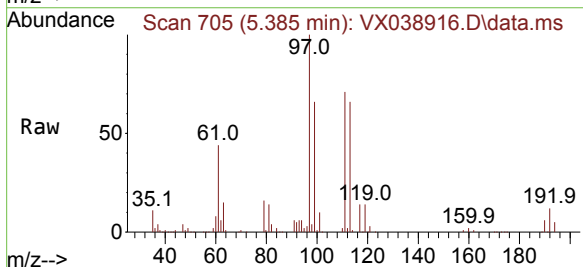
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 121025
Ion Ratio Lower Upper
56 100
69 30.1 23.4 35.2
84 76.9 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 50.381 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion: 97 Resp: 128584
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 44.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 53.532 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

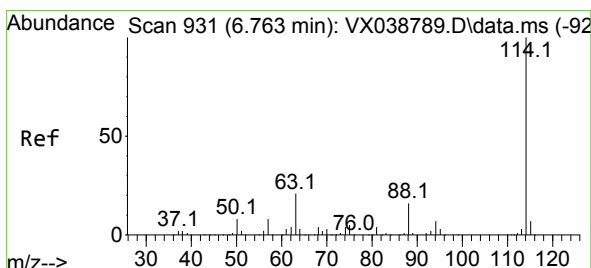
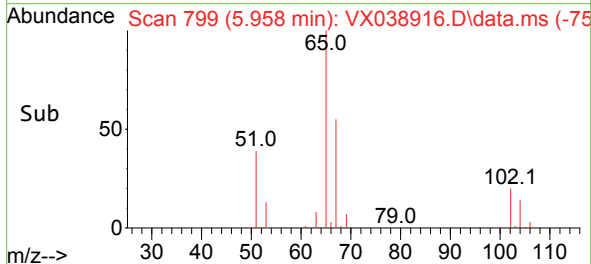
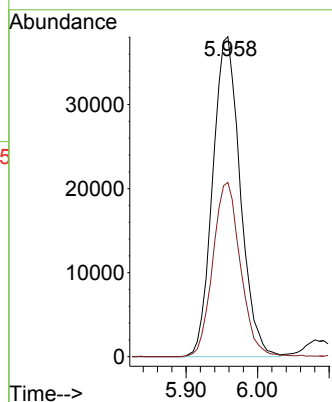
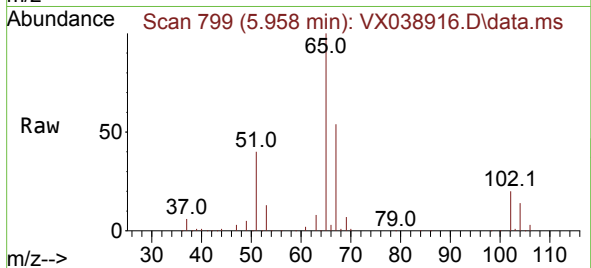
VSTDCCC050EC

Tgt Ion: 65 Resp: 101678

Ion Ratio Lower Upper

65 100

67 54.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

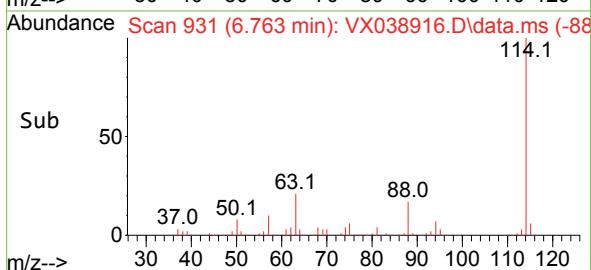
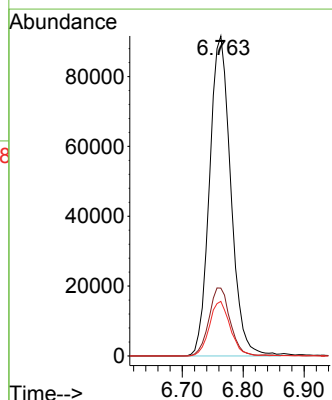
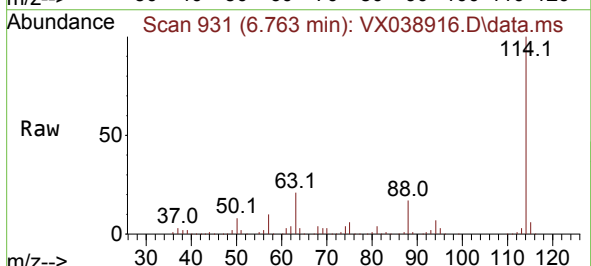
Tgt Ion: 114 Resp: 222275

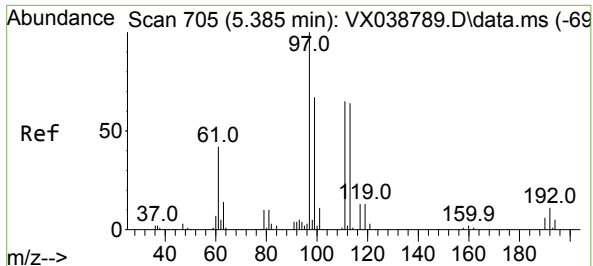
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

88 17.1 0.0 36.6

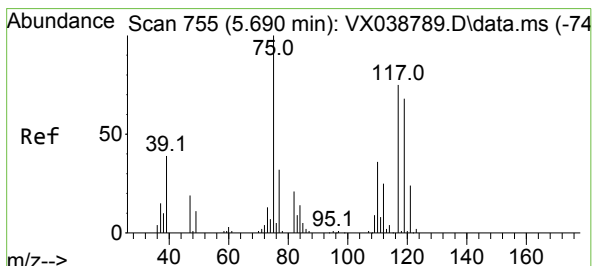
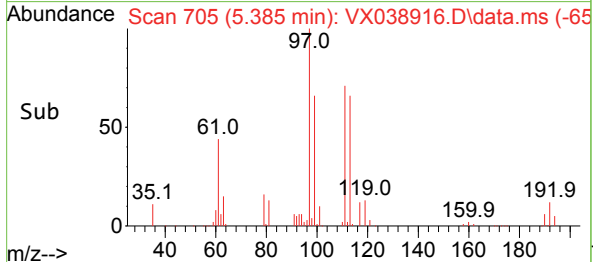
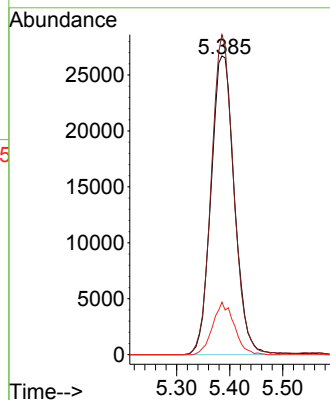
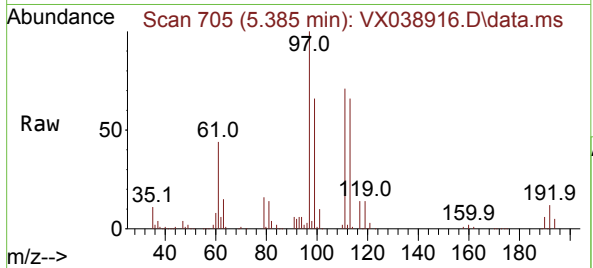




#35
Dibromofluoromethane
Concen: 50.952 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

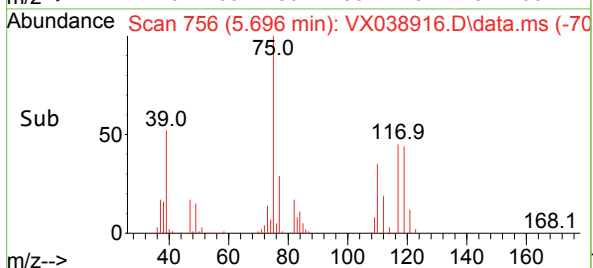
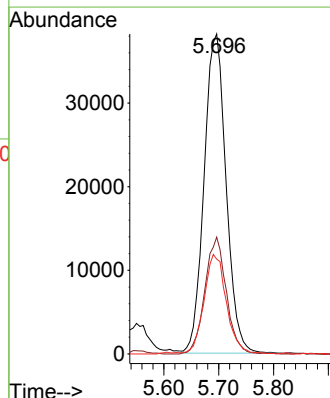
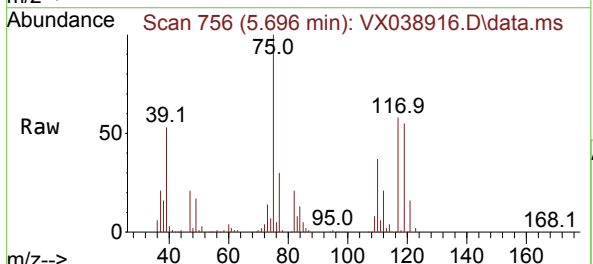
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

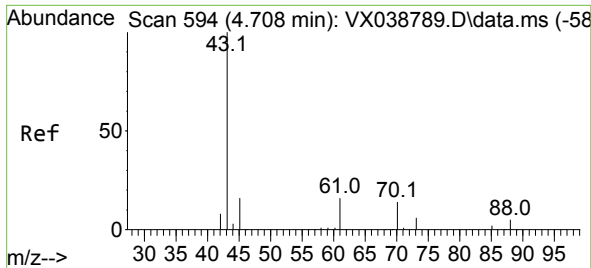
Tgt Ion:113 Resp: 81794
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 16.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 46.183 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion: 75 Resp: 106259
Ion Ratio Lower Upper
75 100
110 35.6 17.0 50.9
77 31.8 24.7 37.1





#37

Ethyl Acetate

Concen: 54.337 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

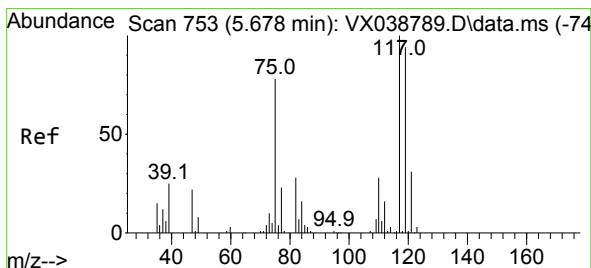
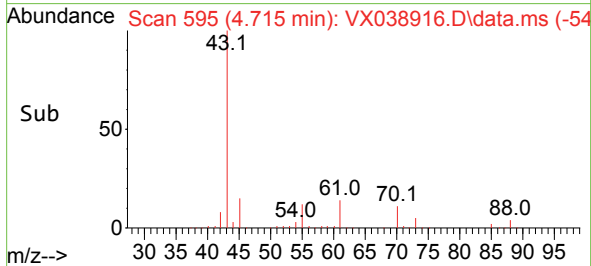
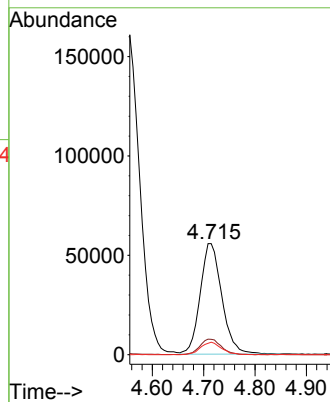
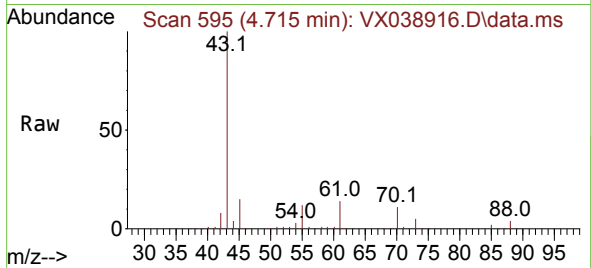
Tgt Ion: 43 Resp: 162880

Ion Ratio Lower Upper

43 100

61 14.1 10.6 16.0

70 10.9 8.3 12.5



#38

Carbon Tetrachloride

Concen: 50.184 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

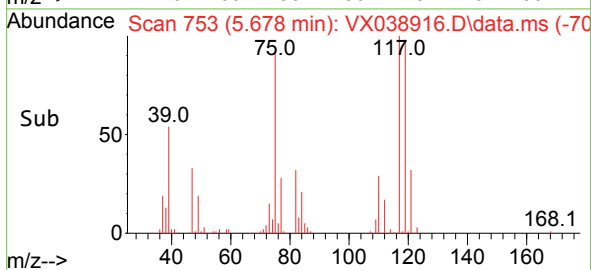
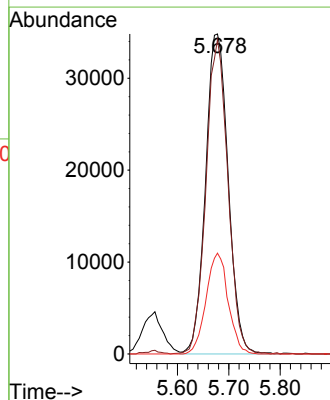
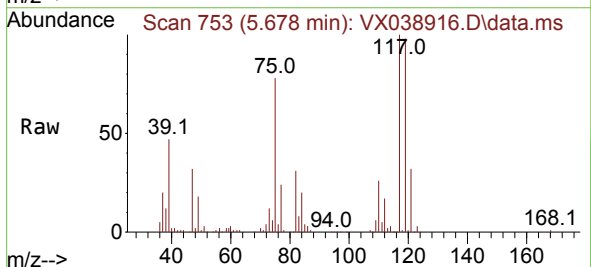
Tgt Ion: 117 Resp: 106714

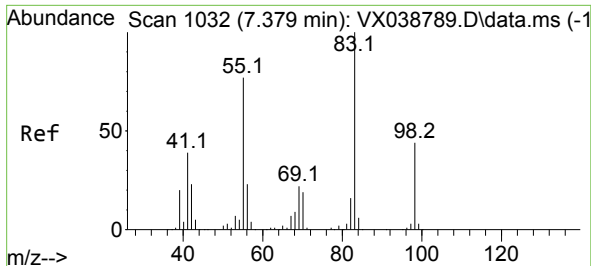
Ion Ratio Lower Upper

117 100

119 98.2 78.2 117.2

121 31.5 24.4 36.6





#39

Methylcyclohexane

Concen: 41.781 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

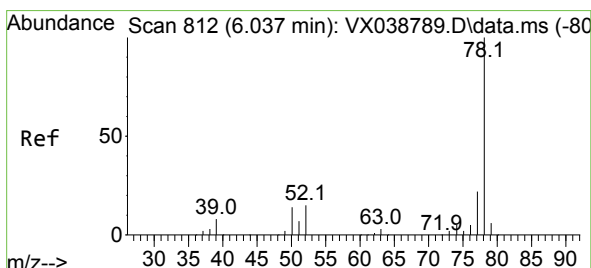
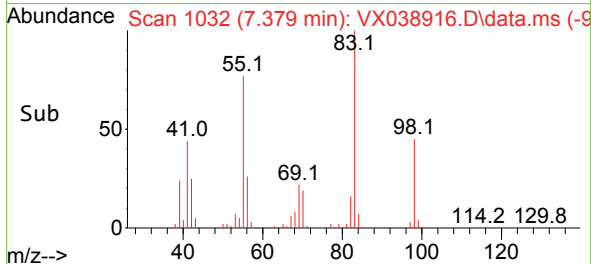
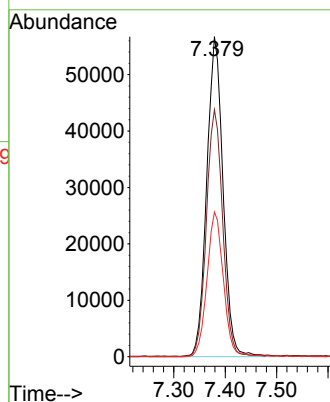
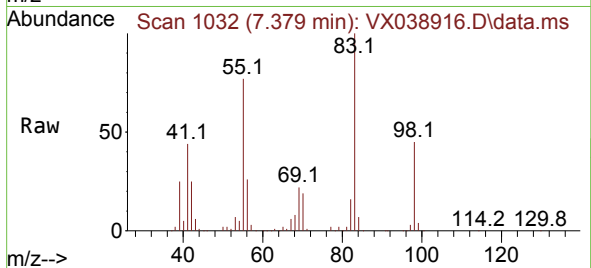
Tgt Ion: 83 Resp: 125390

Ion Ratio Lower Upper

83 100

55 77.1 64.6 97.0

98 45.2 36.7 55.1



#40

Benzene

Concen: 49.164 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038916.D

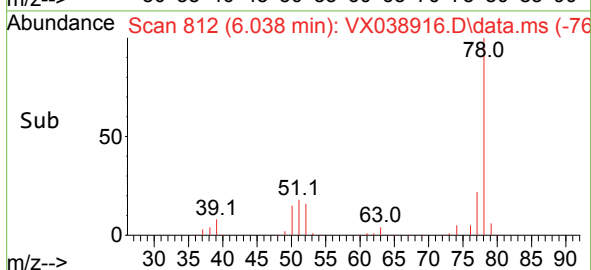
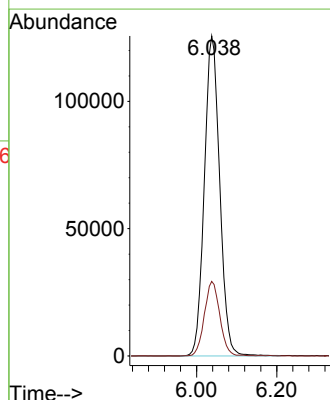
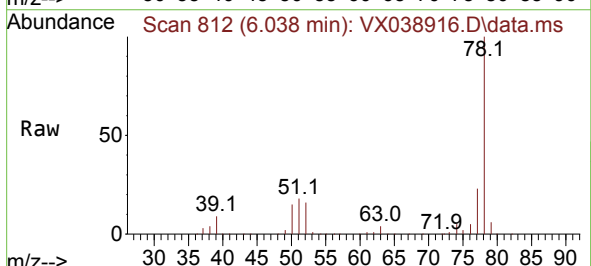
Acq: 18 Nov 2023 07:49

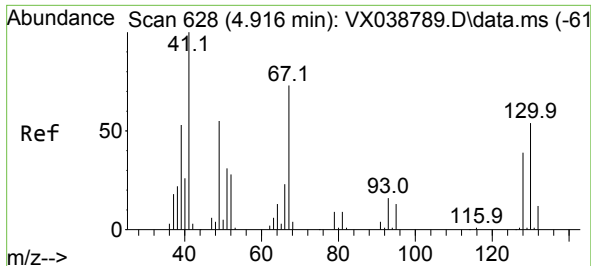
Tgt Ion: 78 Resp: 334565

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9

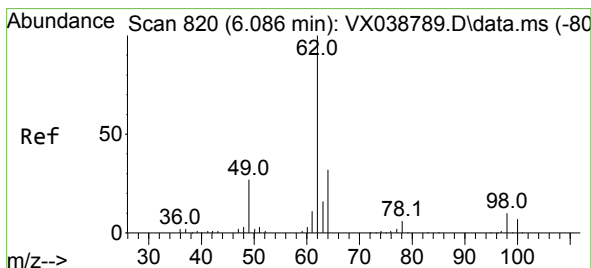
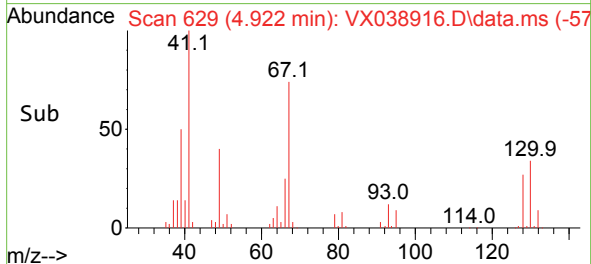
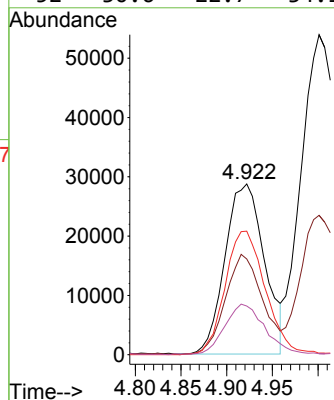
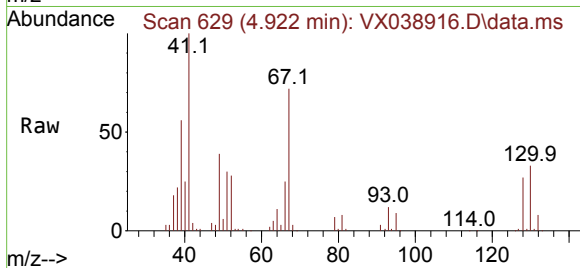




#41
Methacrylonitrile
Concen: 55.551 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

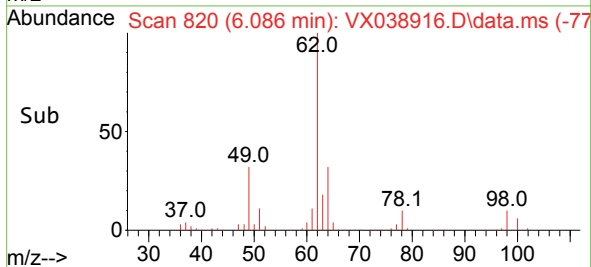
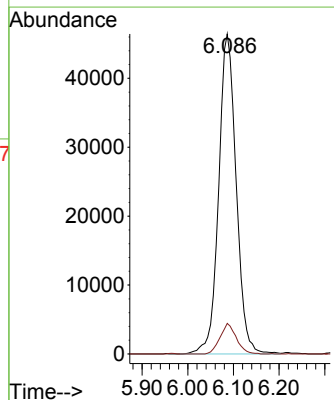
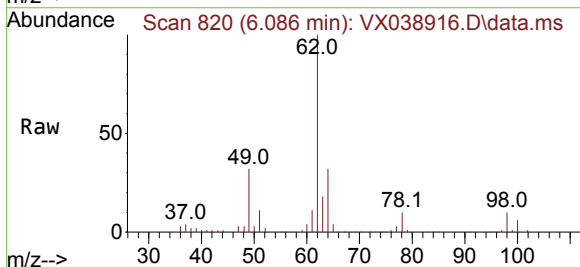
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

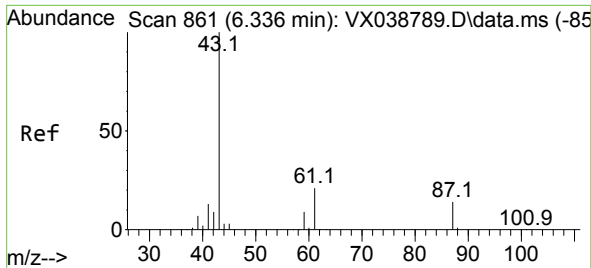
Tgt Ion:	41	Resp:	86365
Ion	Ratio	Lower	Upper
41	100		
39	55.7	45.2	67.8
67	74.4	52.6	78.8
52	30.6	22.7	34.1



#42
1,2-Dichloroethane
Concen: 54.898 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion:	62	Resp:	123774
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.0

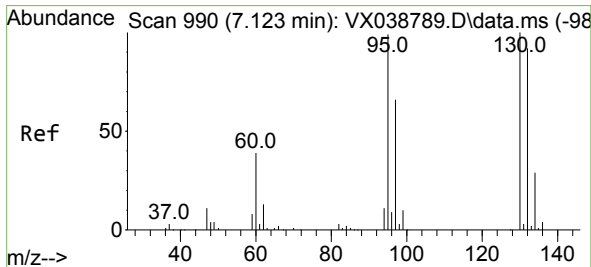
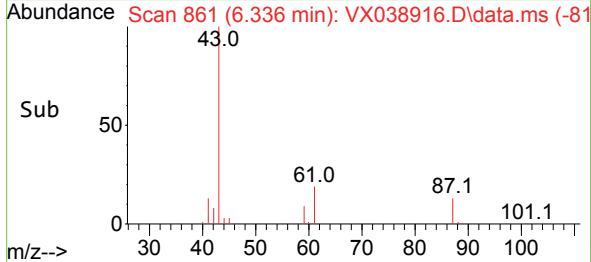
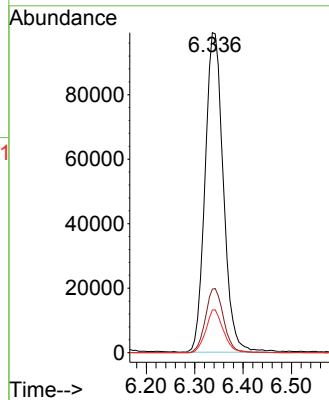
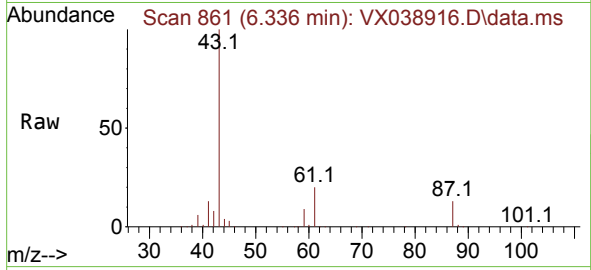




#43
Isopropyl Acetate
Concen: 54.297 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

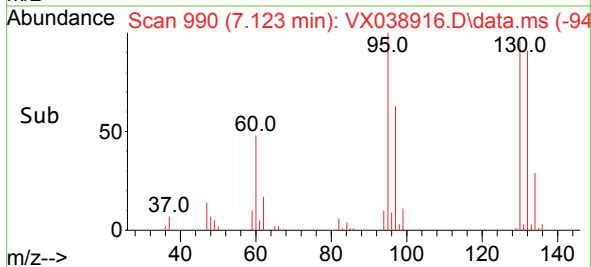
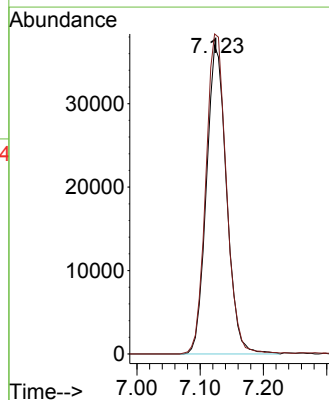
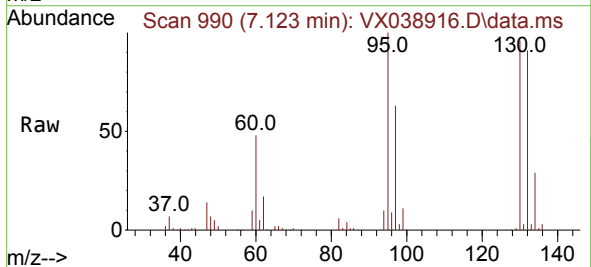
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

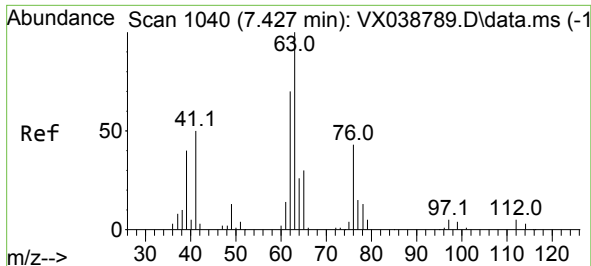
Tgt Ion: 43 Resp: 260113
Ion Ratio Lower Upper
43 100
61 20.0 15.2 22.8
87 12.9 9.8 14.6



#44
Trichloroethene
Concen: 49.474 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion:130 Resp: 81949
Ion Ratio Lower Upper
130 100
95 103.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.603 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

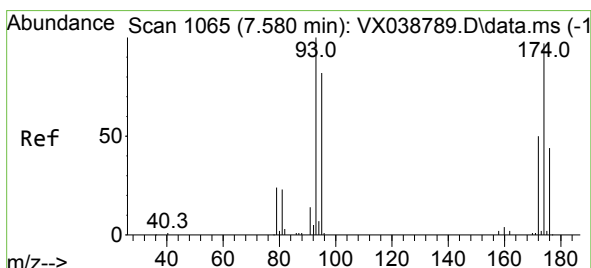
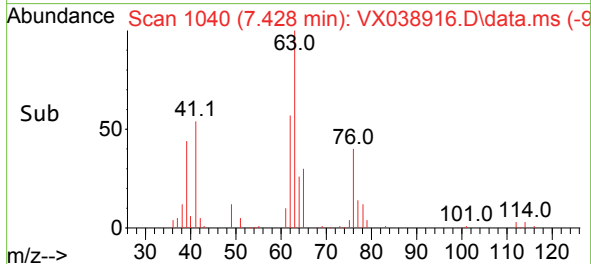
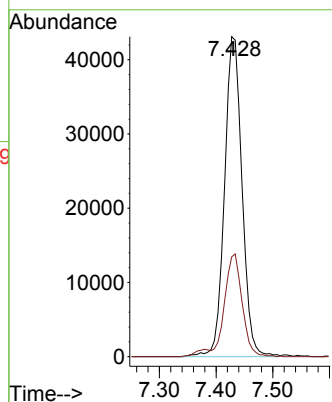
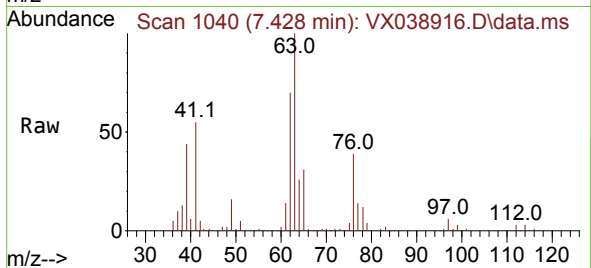
VSTDCCC050EC

Tgt Ion: 63 Resp: 92669

Ion Ratio Lower Upper

63 100

65 31.2 24.3 36.5



#46

Dibromomethane

Concen: 53.753 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

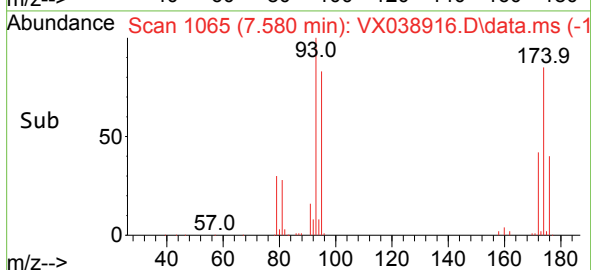
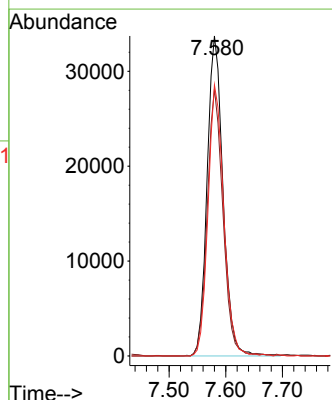
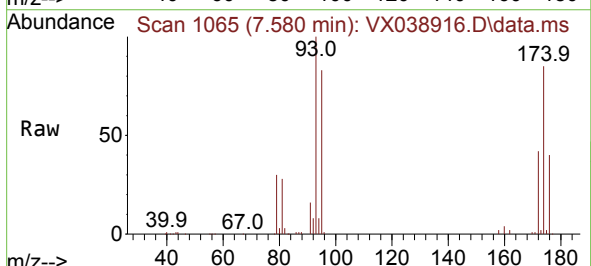
Tgt Ion: 93 Resp: 65646

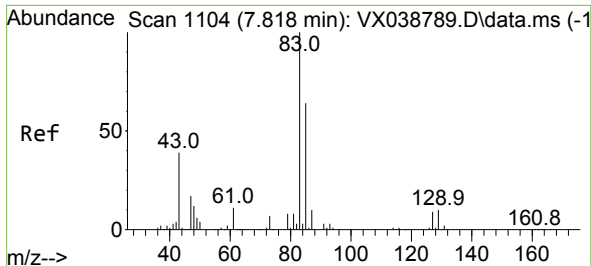
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 84.2 69.4 104.0

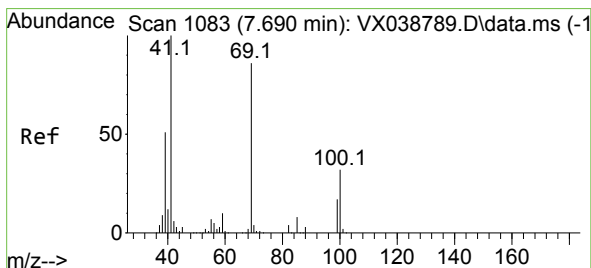
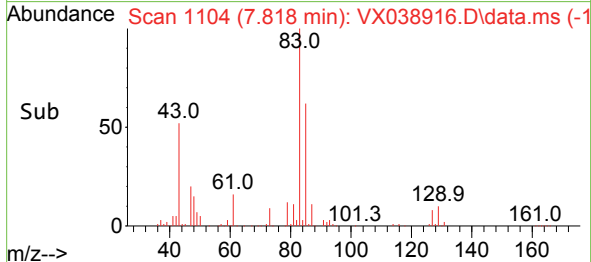
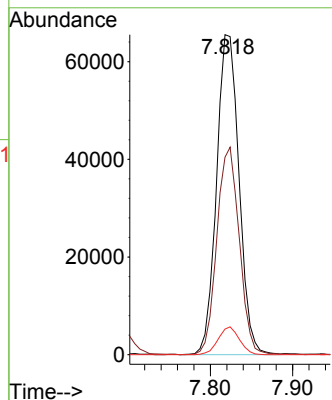
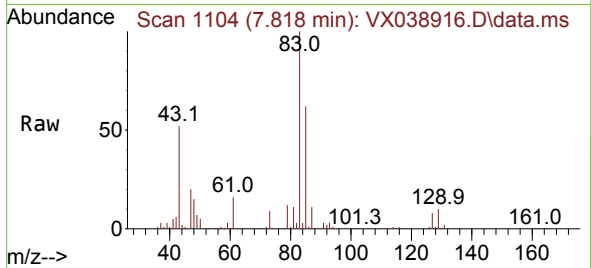




#47
Bromodichloromethane
Concen: 51.424 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

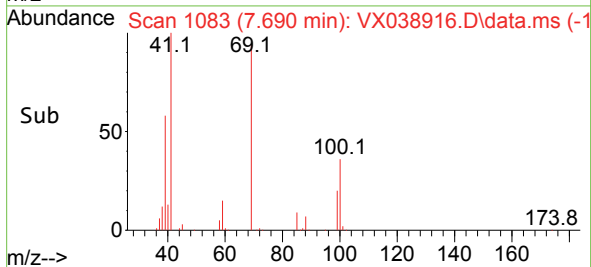
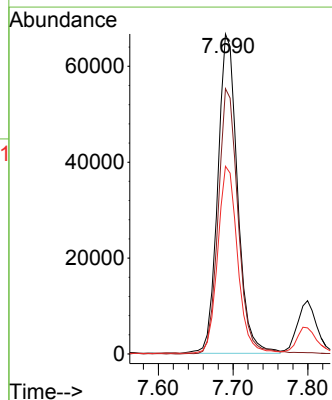
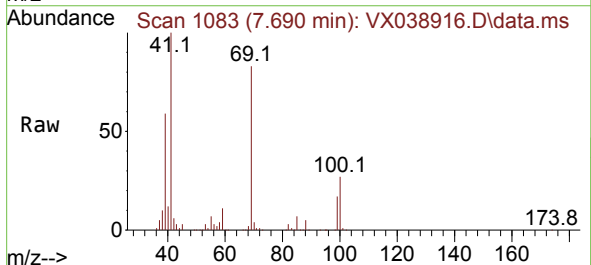
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

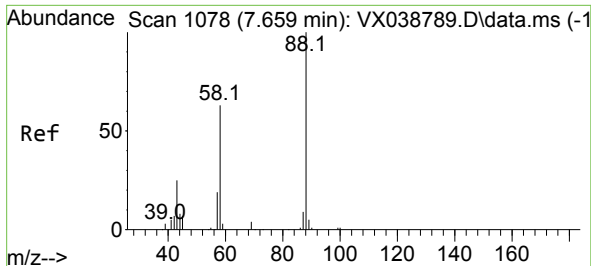
Tgt Ion: 83 Resp: 124647
Ion Ratio Lower Upper
83 100
85 61.7 49.8 74.6
127 8.0 7.1 10.7



#48
Methyl methacrylate
Concen: 52.598 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion: 41 Resp: 122255
Ion Ratio Lower Upper
41 100
69 84.0 59.2 88.8
39 59.1 47.7 71.5





#49

1,4-Dioxane

Concen: 1259.823 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

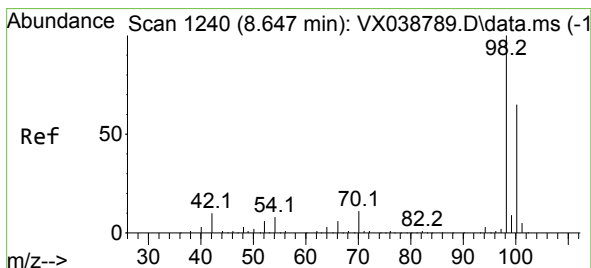
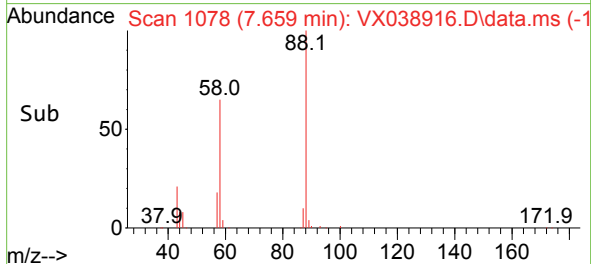
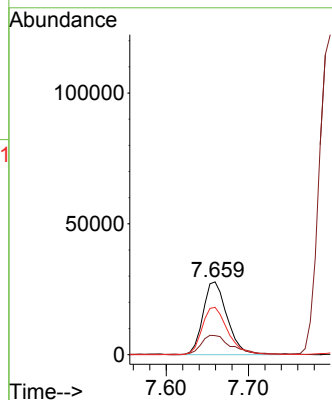
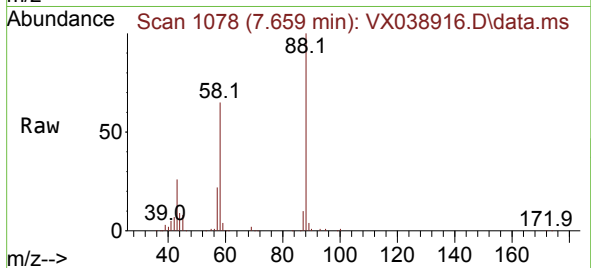
Tgt Ion: 88 Resp: 56651

Ion Ratio Lower Upper

88 100

43 32.7 0.0 0.0#

58 69.5 60.1 90.1



#50

Toluene-d8

Concen: 47.886 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038916.D

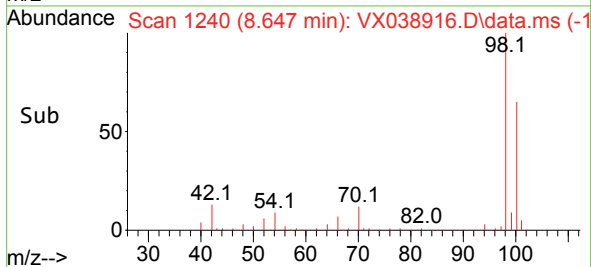
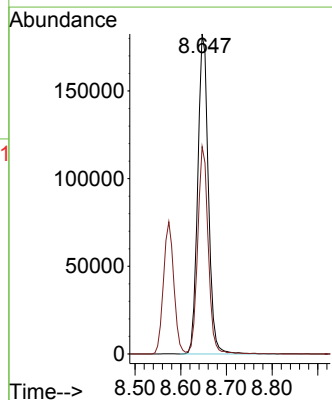
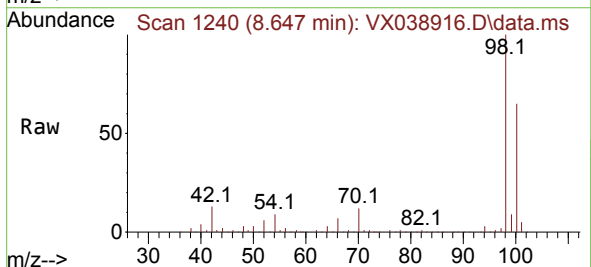
Acq: 18 Nov 2023 07:49

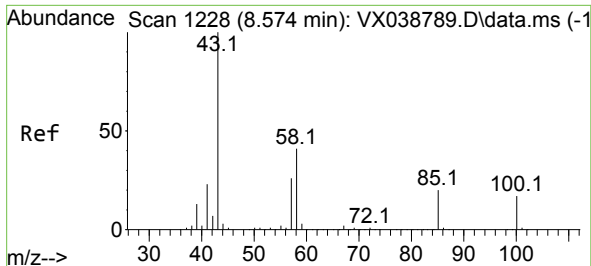
Tgt Ion: 98 Resp: 294116

Ion Ratio Lower Upper

98 100

100 63.8 53.1 79.7

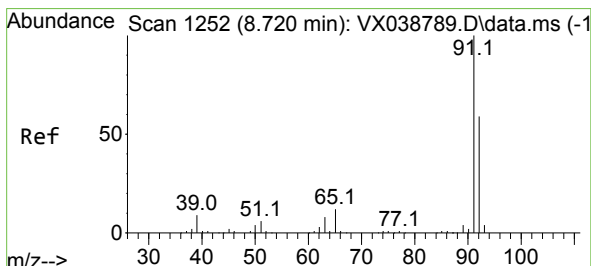
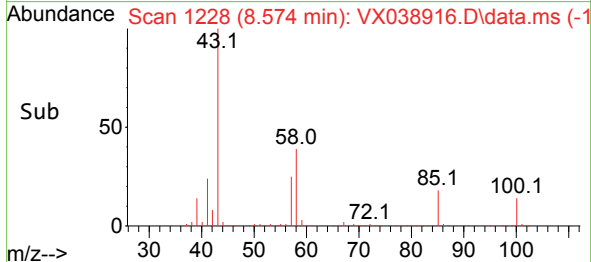
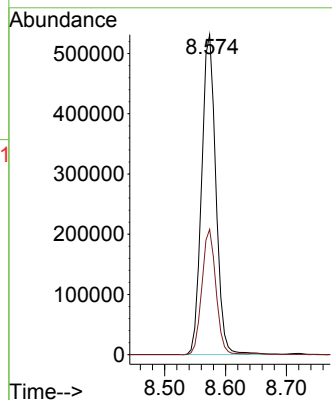
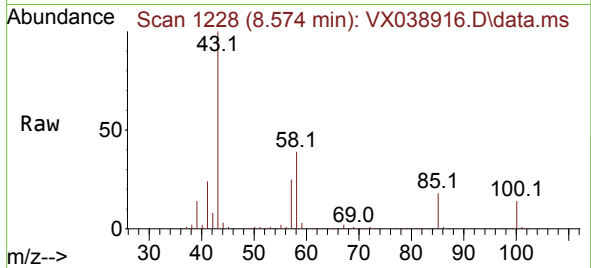




#51
4-Methyl-2-Pentanone
Concen: 282.523 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

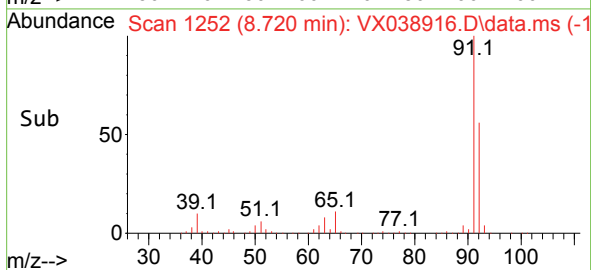
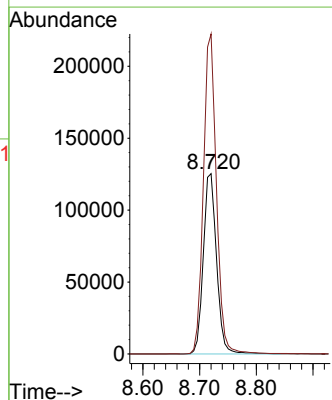
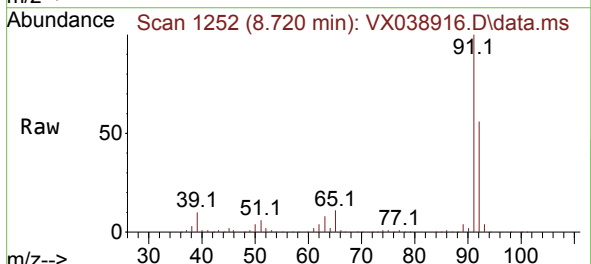
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

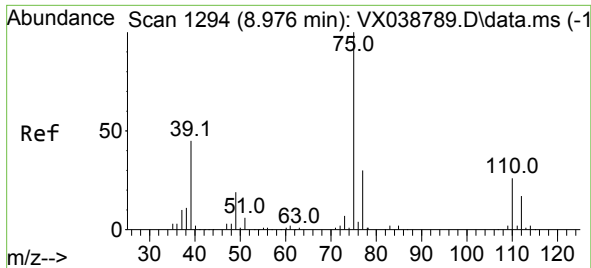
Tgt Ion: 43 Resp: 864932
Ion Ratio Lower Upper
43 100
58 38.6 30.4 45.6



#52
Toluene
Concen: 48.243 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion: 92 Resp: 203724
Ion Ratio Lower Upper
92 100
91 174.4 134.2 201.2

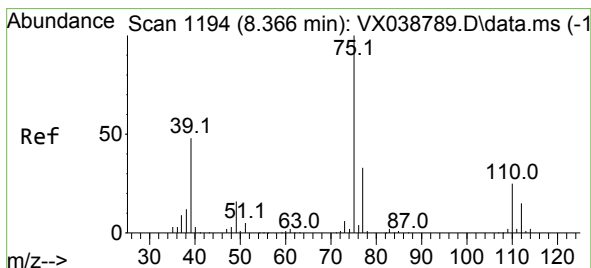
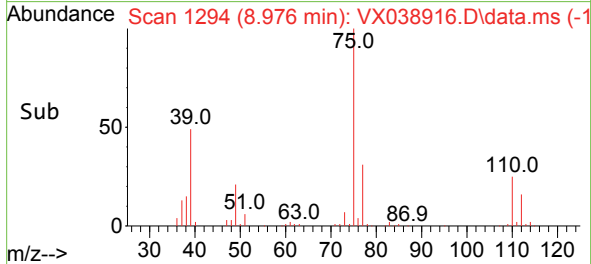
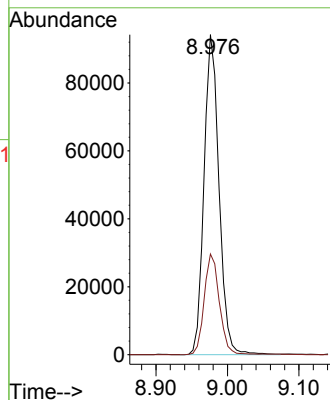
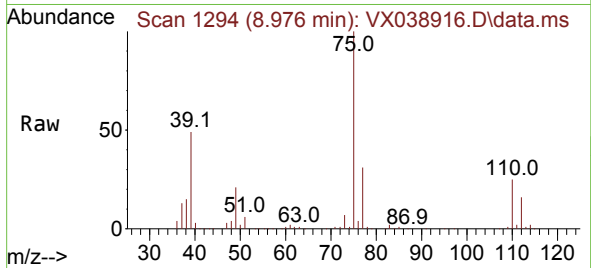




#53
 t-1,3-Dichloropropene
 Concen: 47.614 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX038916.D
 Acq: 18 Nov 2023 07:49

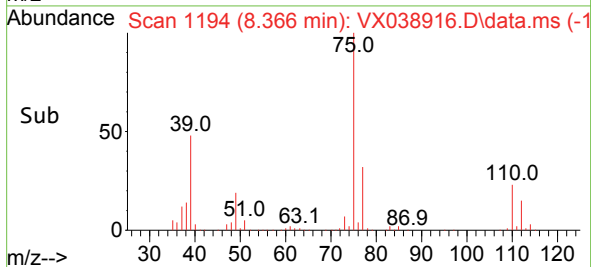
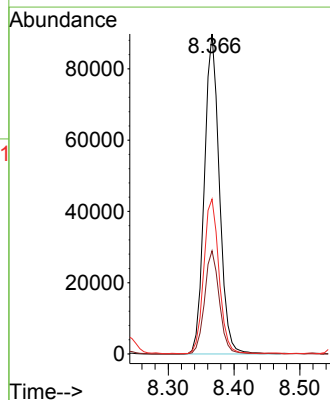
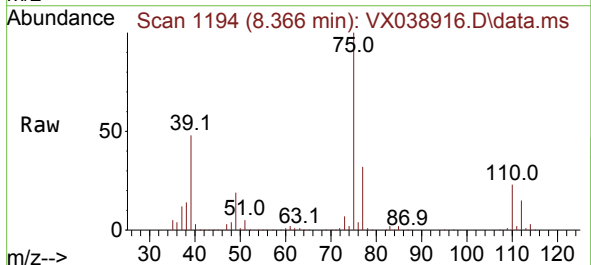
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

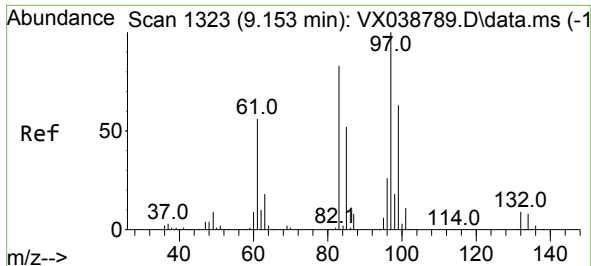
Tgt Ion: 75 Resp: 137152
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 47.894 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX038916.D
 Acq: 18 Nov 2023 07:49

Tgt Ion: 75 Resp: 142504
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.3 37.9
 39 48.3 46.7 70.1

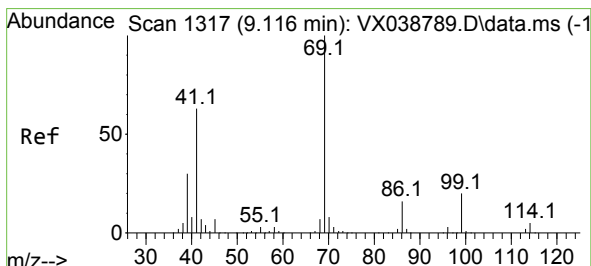
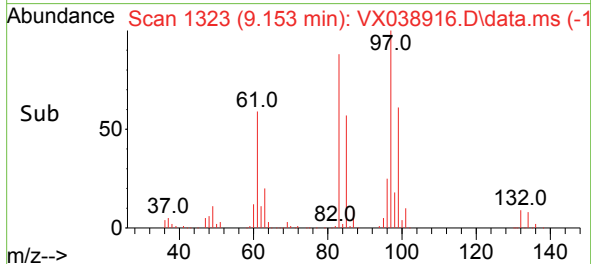
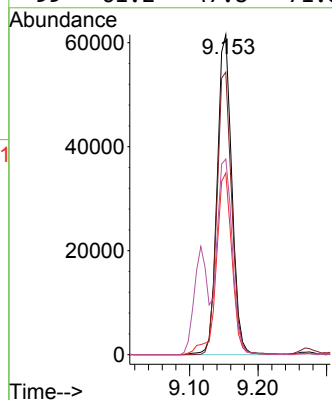
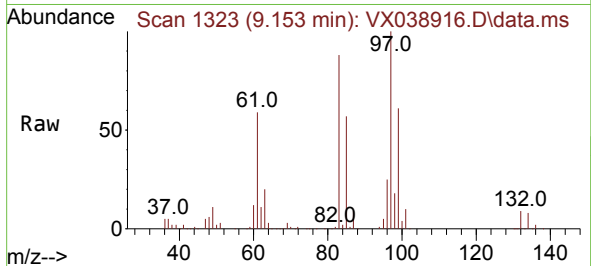




#55
1,1,2-Trichloroethane
Concen: 51.923 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

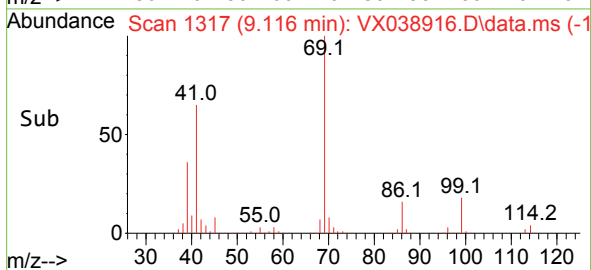
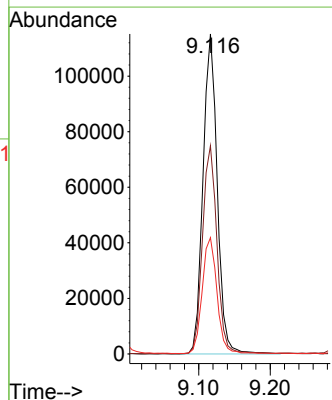
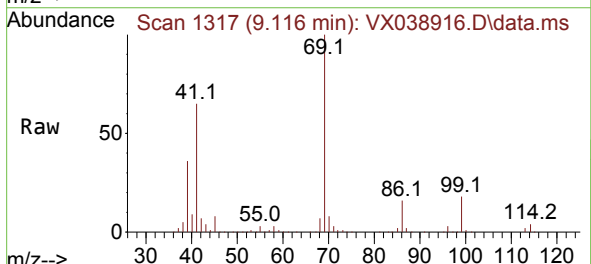
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

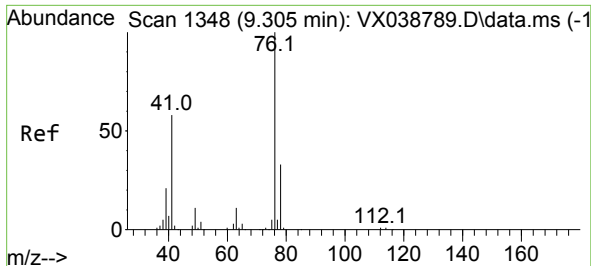
Tgt Ion:	97	Resp:	91490
Ion	Ratio	Lower	Upper
97	100		
83	88.3	65.8	98.8
85	56.8	41.6	62.4
99	61.2	47.8	71.8



#56
Ethyl methacrylate
Concen: 53.499 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion:	69	Resp:	159497
Ion	Ratio	Lower	Upper
69	100		
41	66.0	56.8	85.2
39	37.4	32.0	48.0





#57

1,3-Dichloropropane

Concen: 52.730 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

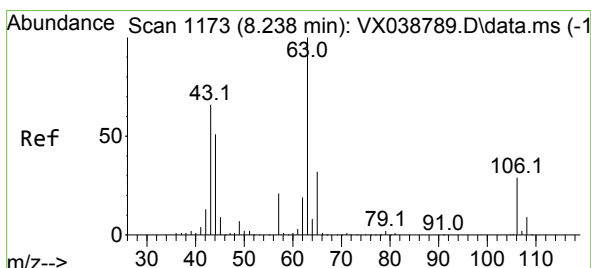
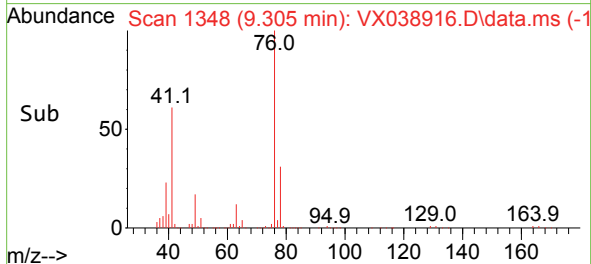
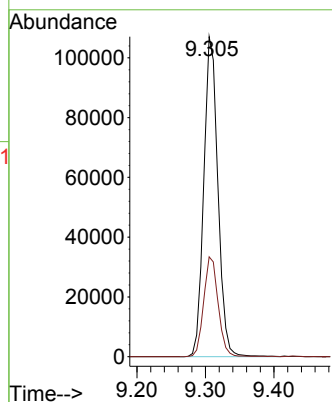
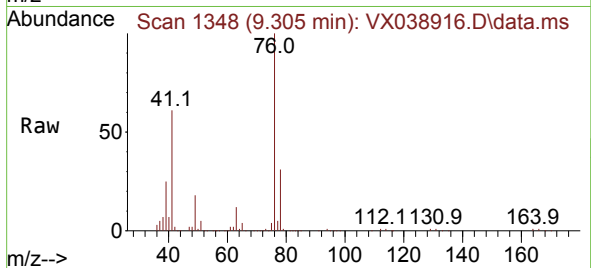
VSTDCCC050EC

Tgt Ion: 76 Resp: 153662

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 264.779 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX038916.D

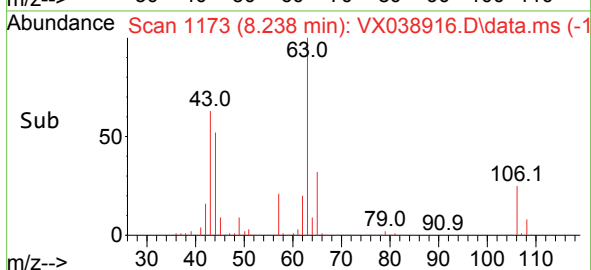
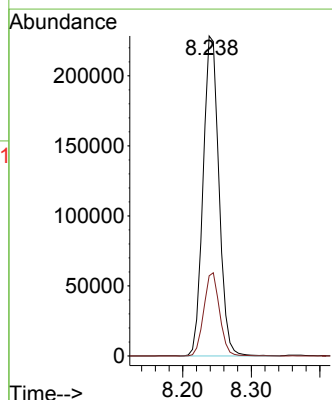
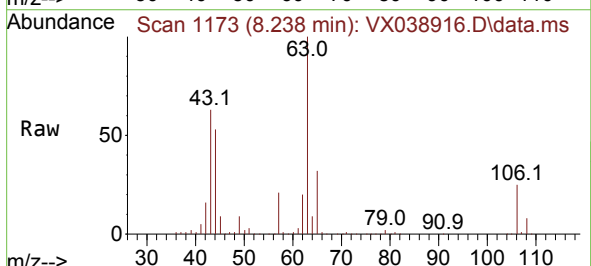
Acq: 18 Nov 2023 07:49

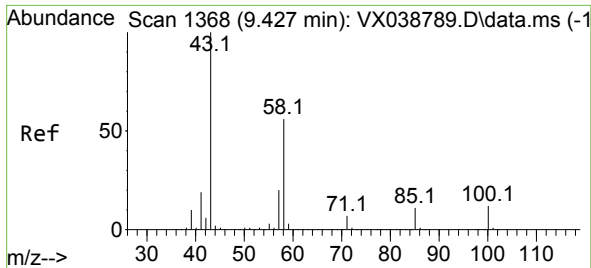
Tgt Ion: 63 Resp: 367727

Ion Ratio Lower Upper

63 100

106 25.9 22.5 33.7

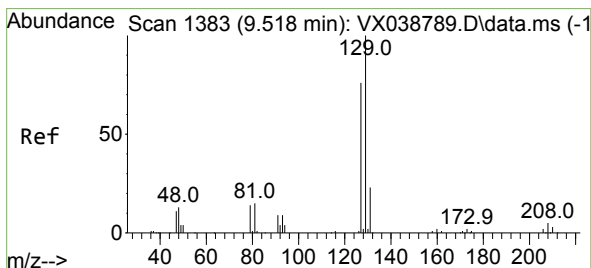
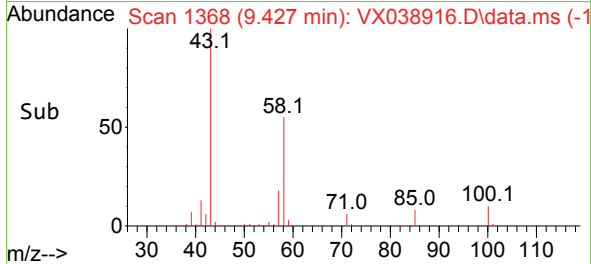
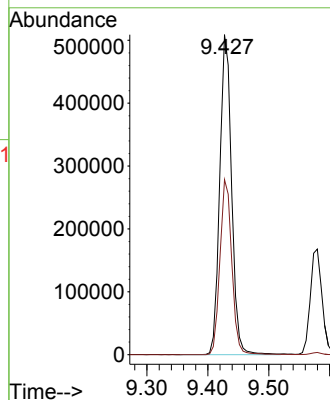
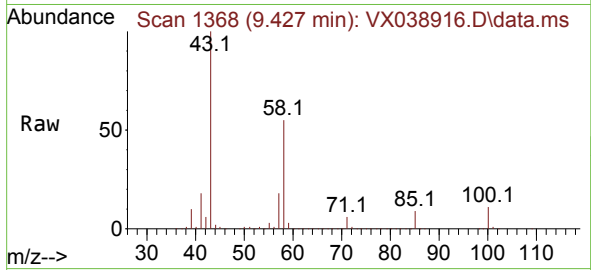




#59
2-Hexanone
Concen: 278.910 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

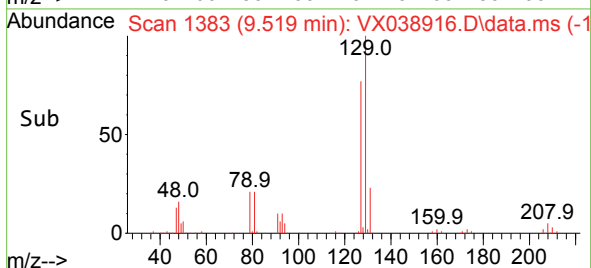
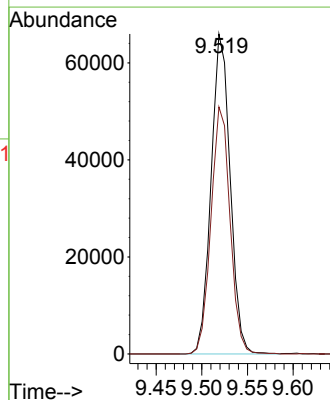
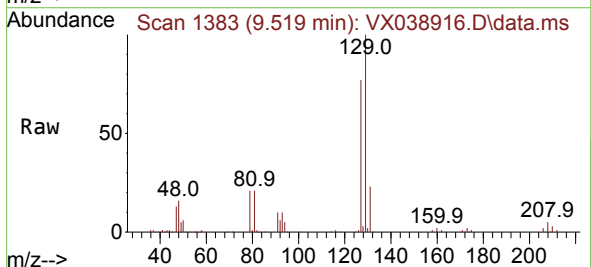
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

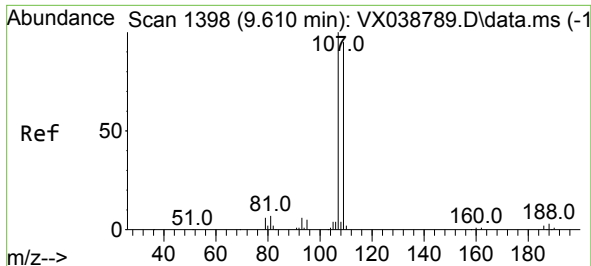
Tgt Ion: 43 Resp: 684399
Ion Ratio Lower Upper
43 100
58 54.9 26.2 78.5



#60
Dibromochloromethane
Concen: 53.320 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion: 129 Resp: 95530
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4

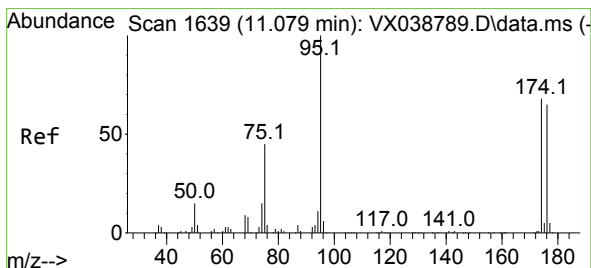
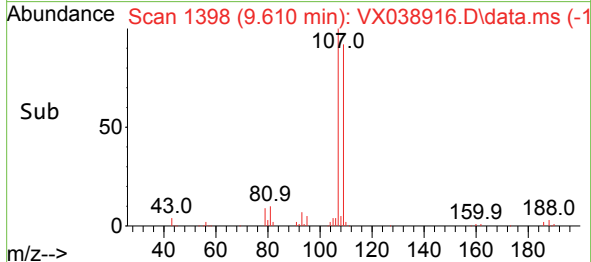
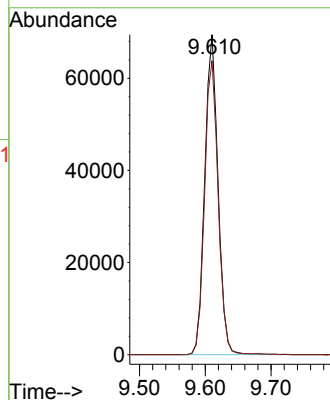
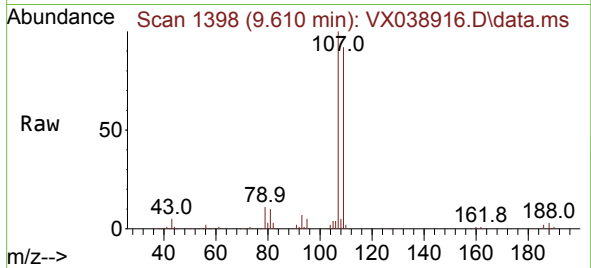




#61
1,2-Dibromoethane
Concen: 52.838 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

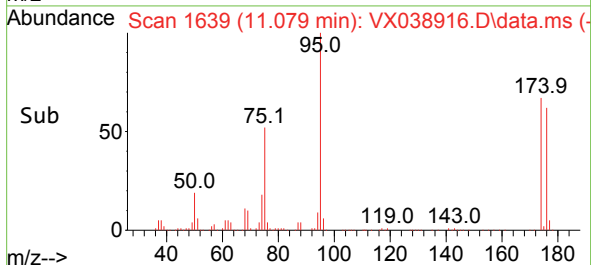
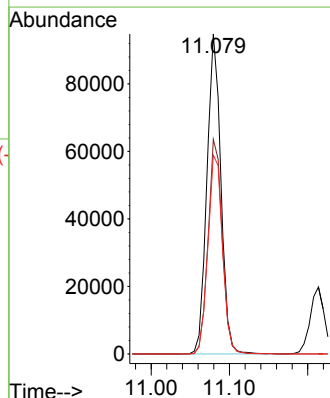
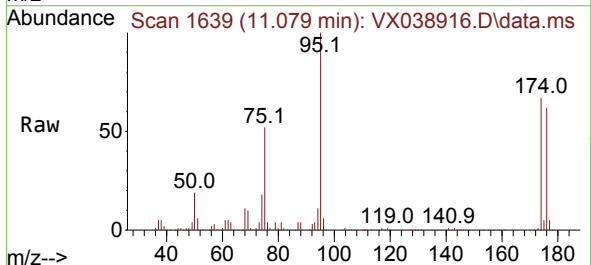
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

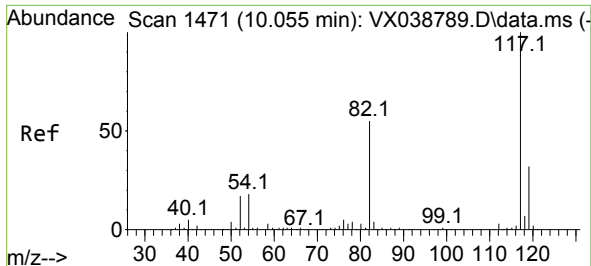
Tgt Ion:107 Resp: 97695
Ion Ratio Lower Upper
107 100
109 93.7 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 47.540 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion: 95 Resp: 116886
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.6
176 64.7 0.0 131.0

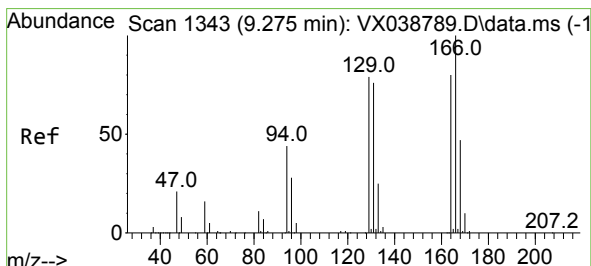
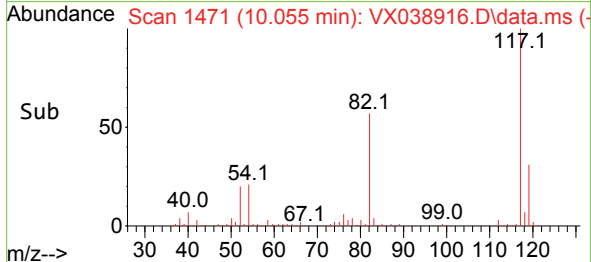
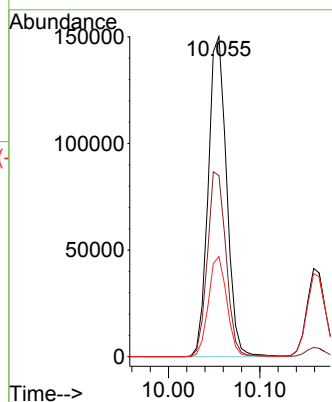
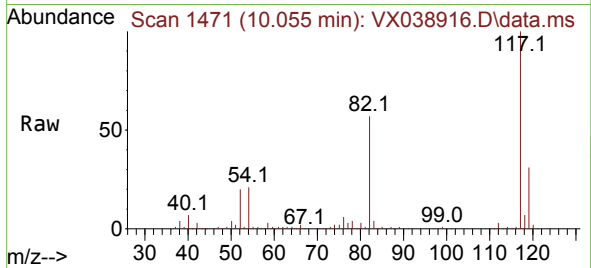




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

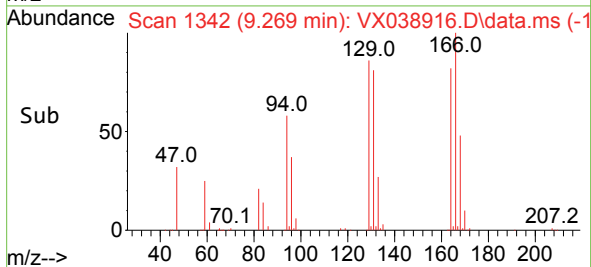
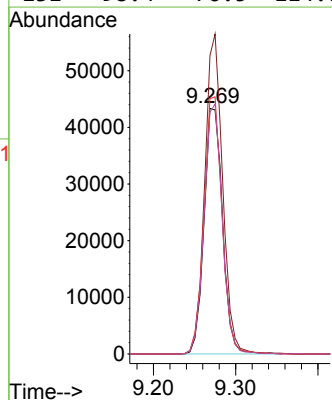
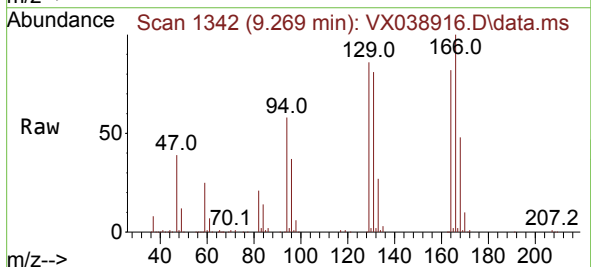
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

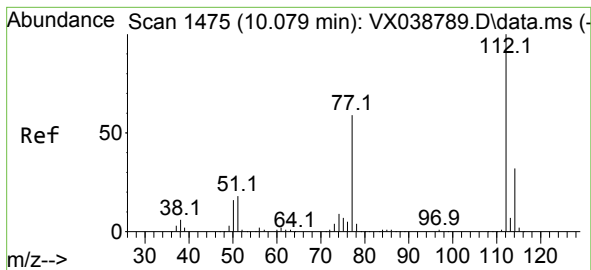
Tgt Ion:117 Resp: 209441
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 31.3 25.5 38.3



#64
Tetrachloroethene
Concen: 51.865 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion:164 Resp: 67520
Ion Ratio Lower Upper
164 100
166 121.4 102.7 154.1
129 103.9 80.4 120.6
131 98.4 76.5 114.7

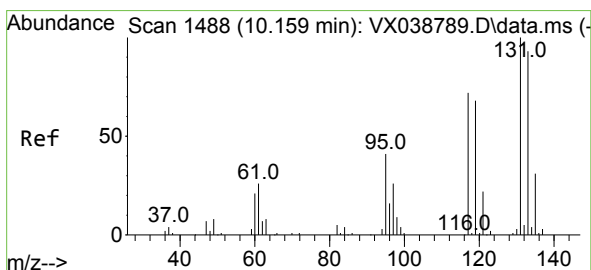
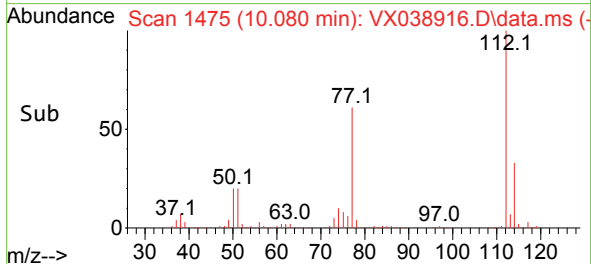
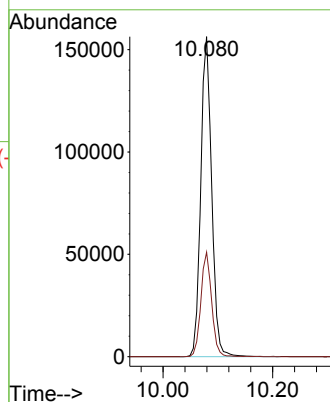
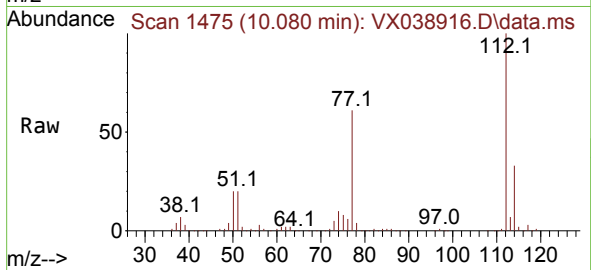




#65
Chlorobenzene
Concen: 47.940 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

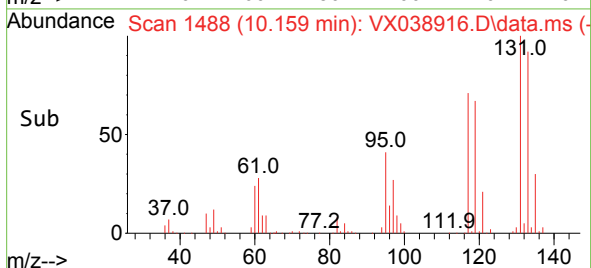
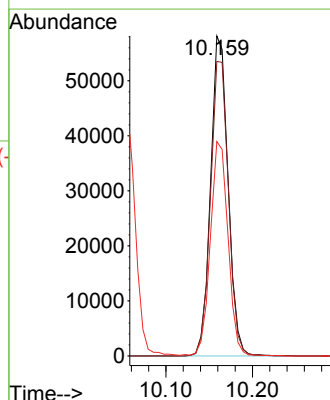
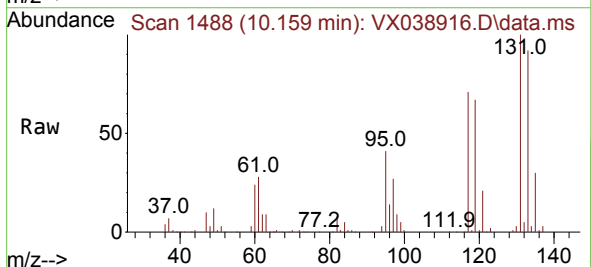
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

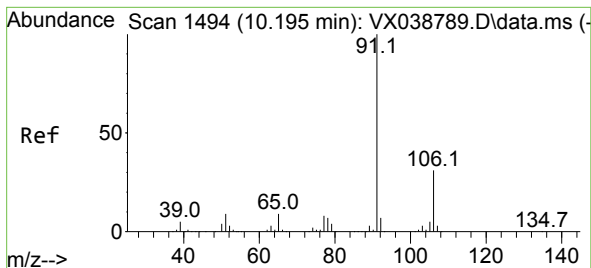
Tgt Ion:112 Resp: 216285
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.144 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion:131 Resp: 81378
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 68.0 32.2 96.6





#67

Ethyl Benzene

Concen: 47.443 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

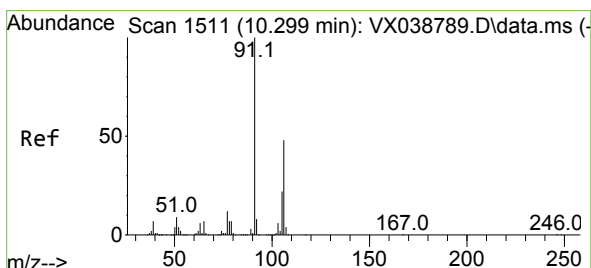
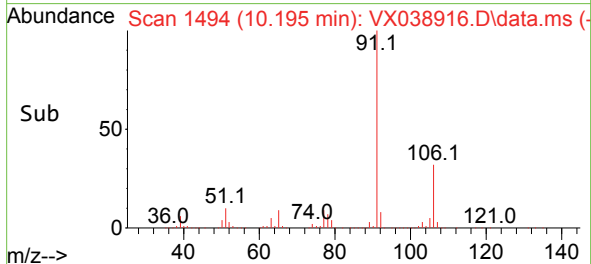
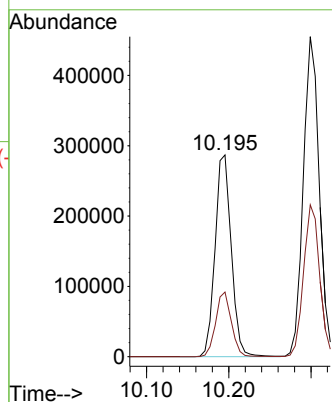
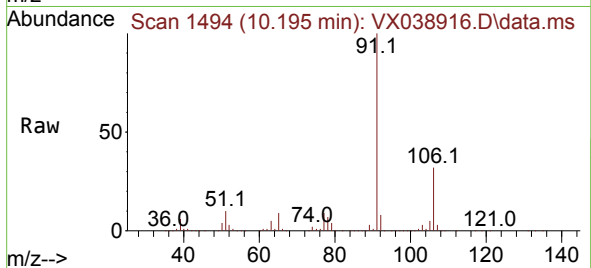
VSTDCCC050EC

Tgt Ion: 91 Resp: 393257

Ion Ratio Lower Upper

91 100

106 32.0 24.9 37.3



#68

m/p-Xylenes

Concen: 94.111 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038916.D

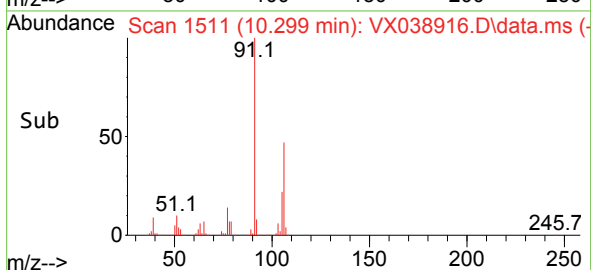
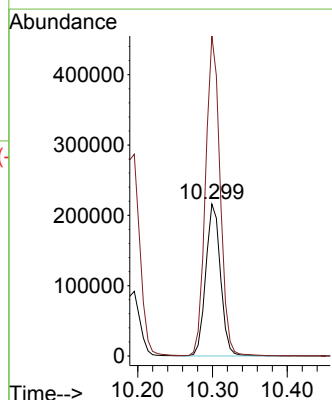
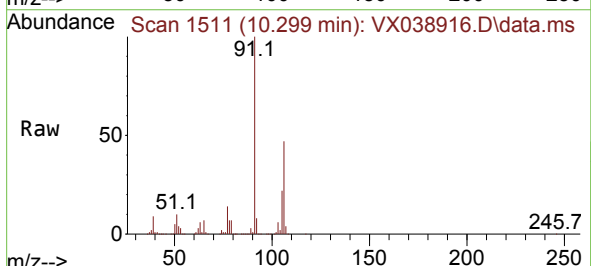
Acq: 18 Nov 2023 07:49

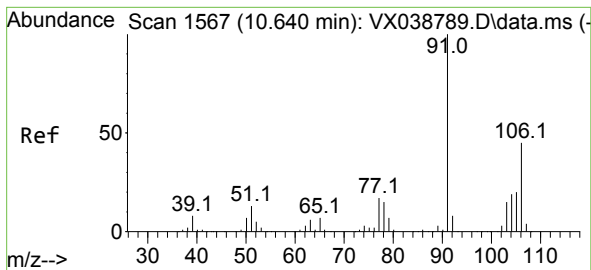
Tgt Ion: 106 Resp: 295086

Ion Ratio Lower Upper

106 100

91 209.0 165.5 248.3





#69

o-Xylene

Concen: 48.308 ug/l

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

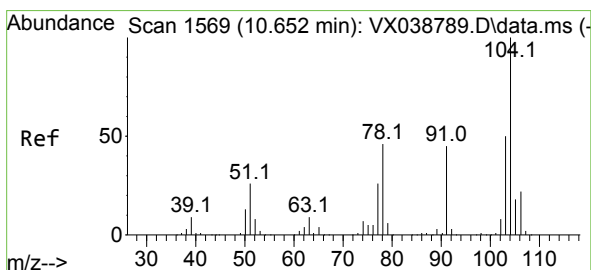
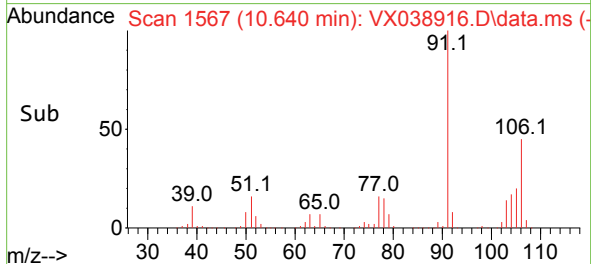
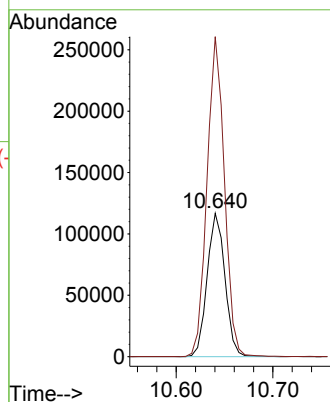
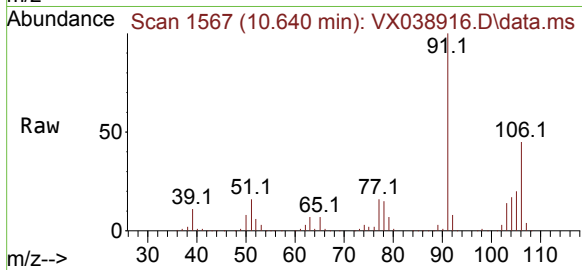
VSTDCCC050EC

Tgt Ion:106 Resp: 149879

Ion Ratio Lower Upper

106 100

91 217.9 108.9 326.8



#70

Styrene

Concen: 48.176 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

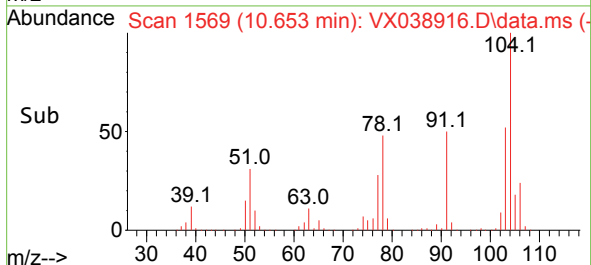
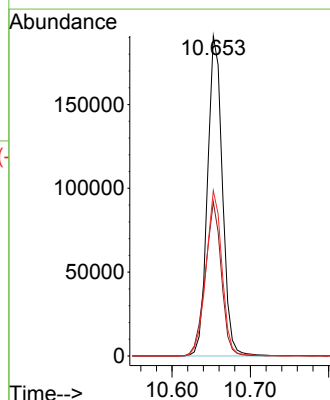
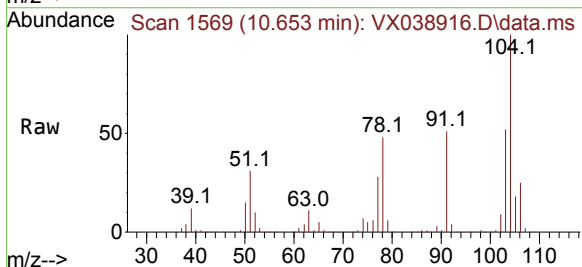
Tgt Ion:104 Resp: 252431

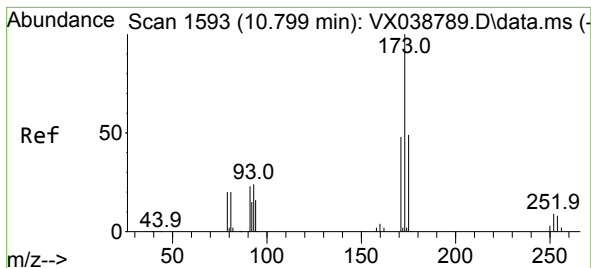
Ion Ratio Lower Upper

104 100

78 51.9 43.6 65.4

103 55.4 43.6 65.4





#71

Bromoform

Concen: 53.232 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

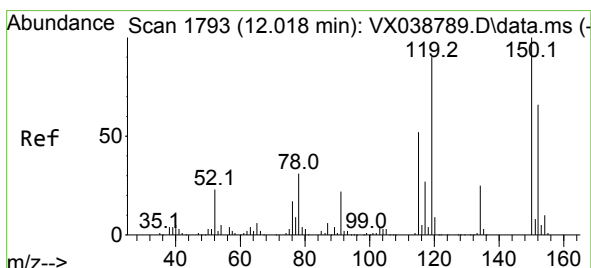
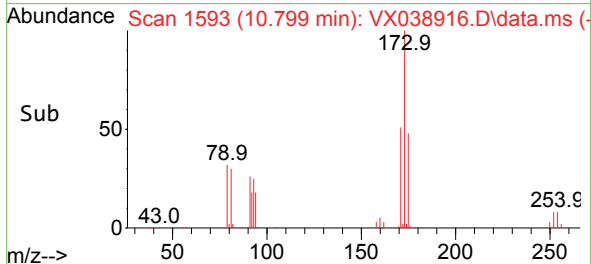
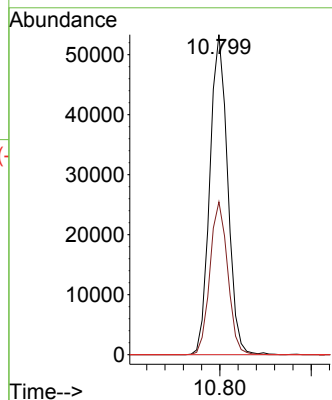
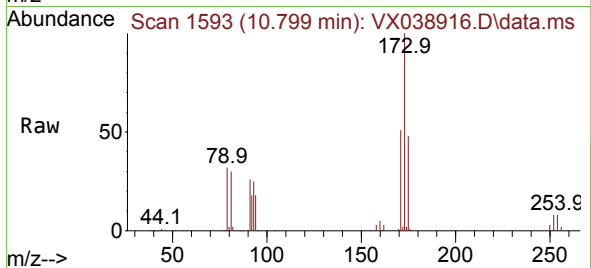
Tgt Ion:173 Resp: 72018

Ion Ratio Lower Upper

173 100

175 47.6 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

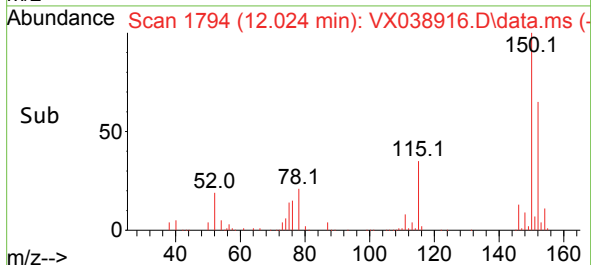
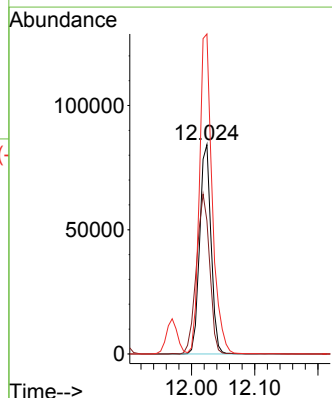
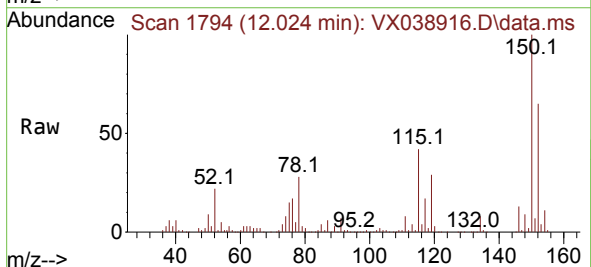
Tgt Ion:152 Resp: 105269

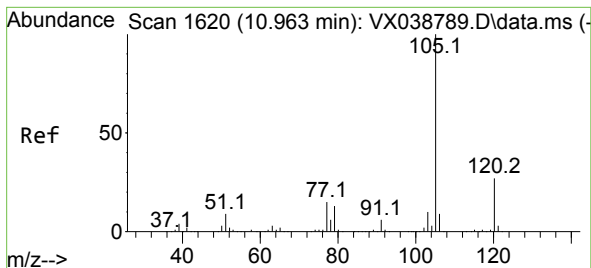
Ion Ratio Lower Upper

152 100

115 89.0 43.3 129.9

150 171.6 0.0 345.0





#73

Isopropylbenzene

Concen: 46.237 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

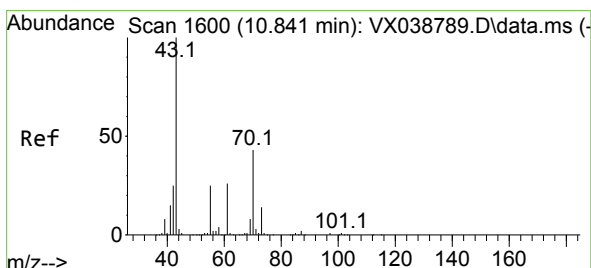
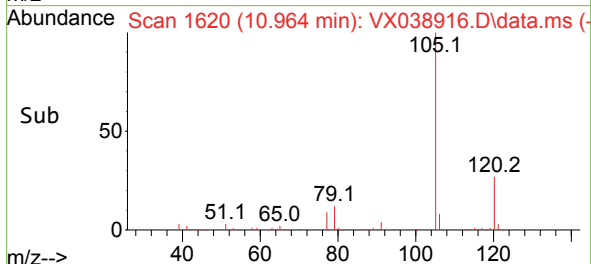
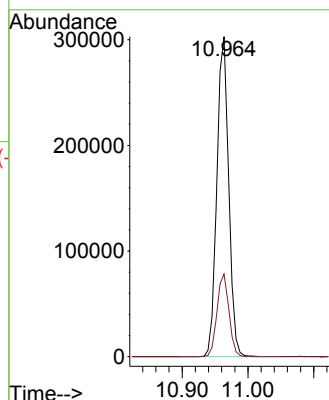
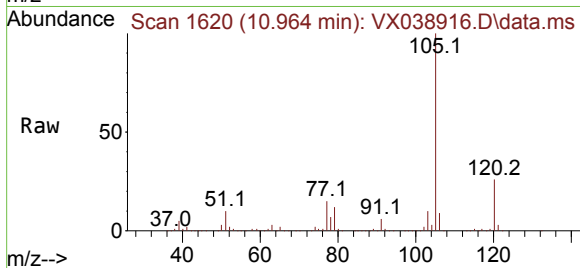
VSTDCCC050EC

Tgt Ion:105 Resp: 379233

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.6



#74

N-ethyl acetate

Concen: 50.915 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Tgt Ion: 43 Resp: 220753

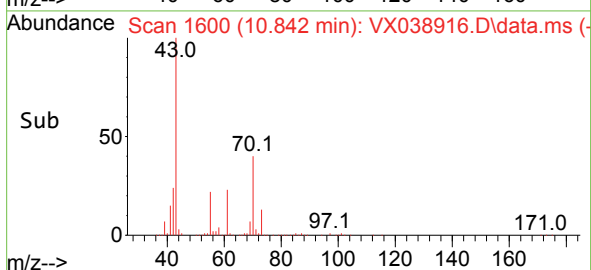
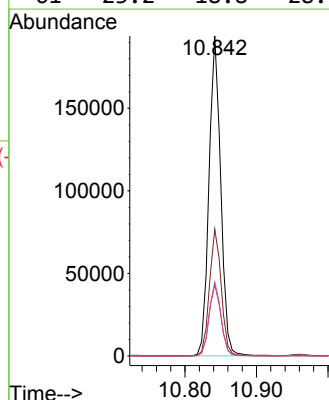
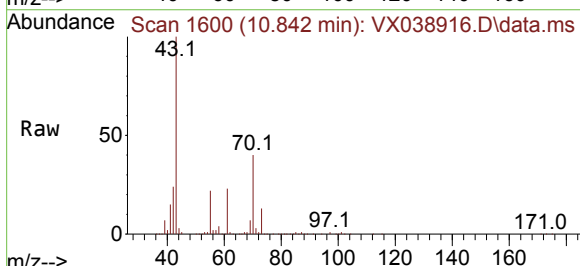
Ion Ratio Lower Upper

43 100

70 40.0 32.9 49.3

55 22.7 19.3 28.9

61 23.2 18.8 28.2





#75

1,1,2-Tetrachloroethane

Concen: 50.436 ug/l

RT: 11.214 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

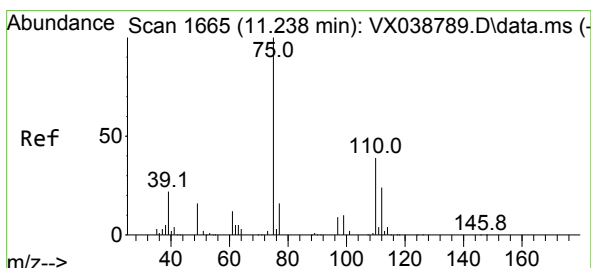
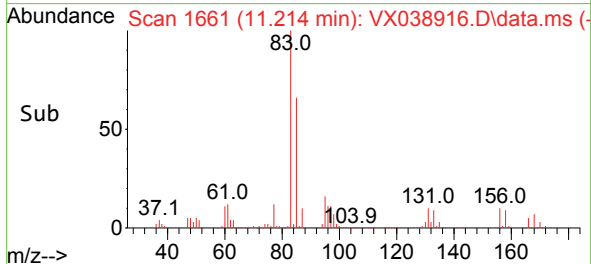
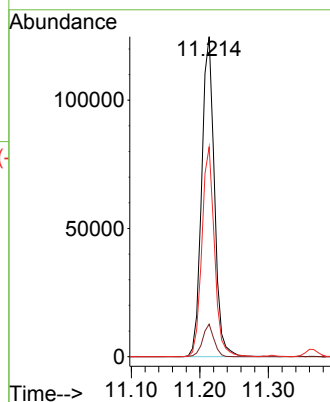
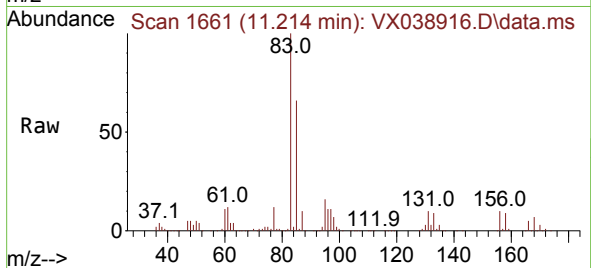
Tgt Ion: 83 Resp: 161483

Ion Ratio Lower Upper

83 100

131 9.2 5.3 15.8

85 65.0 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 68.616 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX038916.D

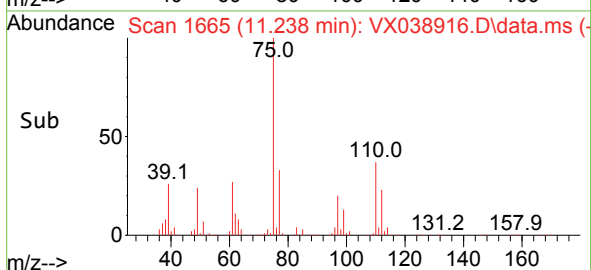
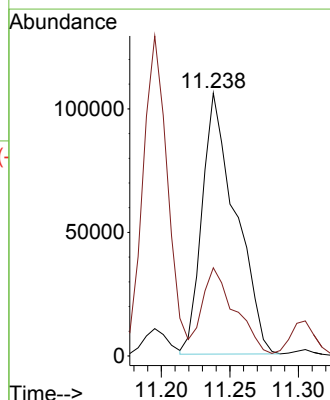
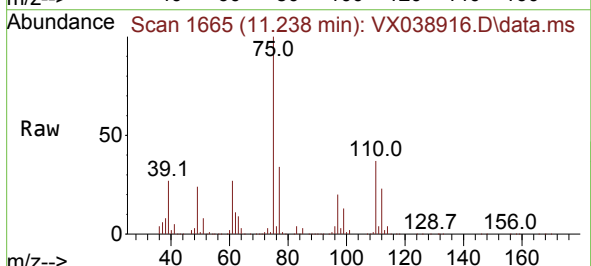
Acq: 18 Nov 2023 07:49

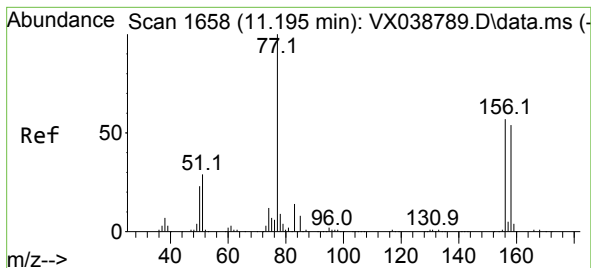
Tgt Ion: 75 Resp: 180216

Ion Ratio Lower Upper

75 100

77 33.4 19.1 57.5





#77

Bromobenzene

Concen: 48.138 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

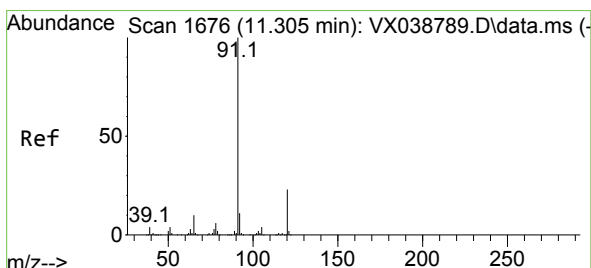
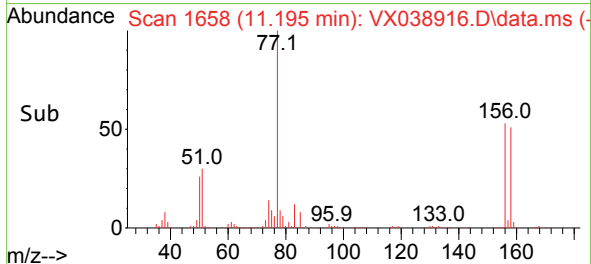
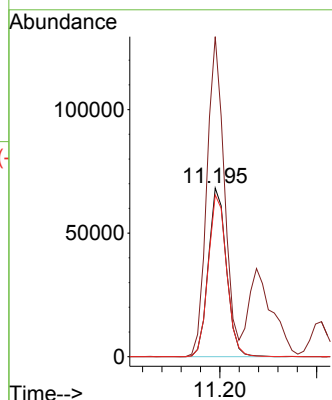
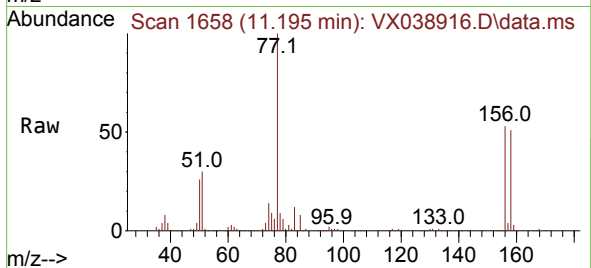
Tgt Ion:156 Resp: 88717

Ion Ratio Lower Upper

156 100

77 183.3 88.4 265.3

158 97.8 48.0 144.0



#78

n-propylbenzene

Concen: 45.717 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038916.D

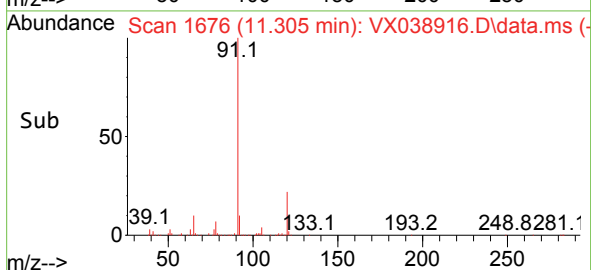
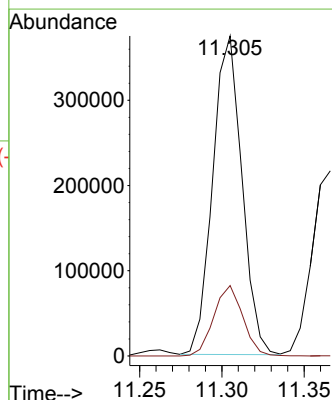
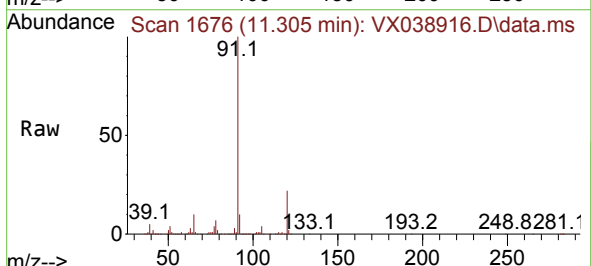
Acq: 18 Nov 2023 07:49

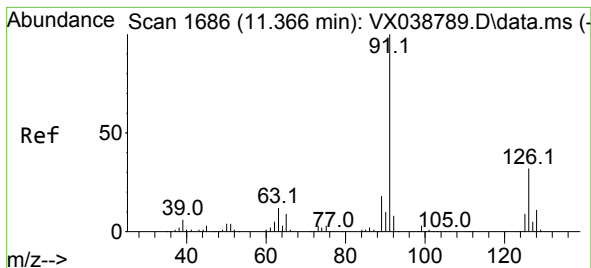
Tgt Ion: 91 Resp: 461550

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 45.723 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

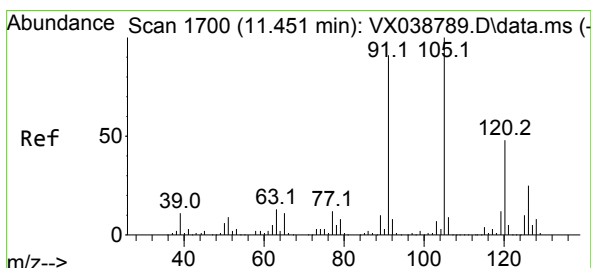
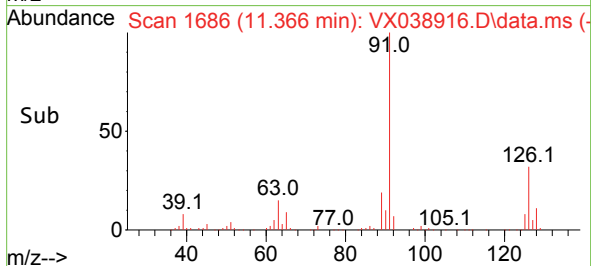
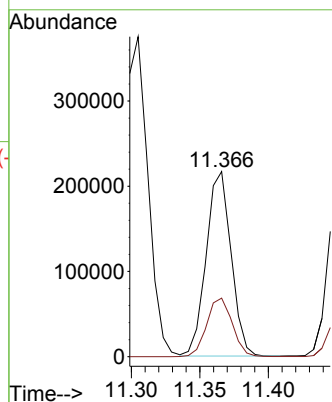
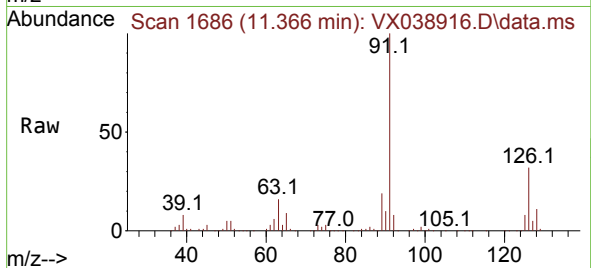
VSTDCCC050EC

Tgt Ion: 91 Resp: 273947

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 47.681 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038916.D

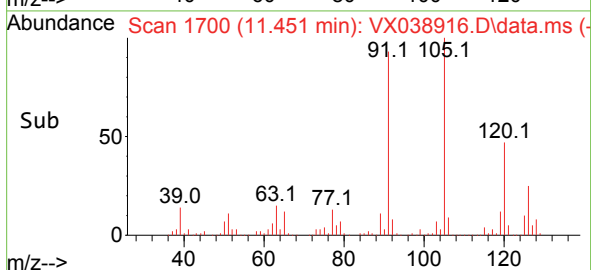
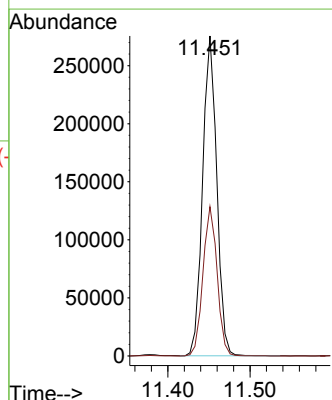
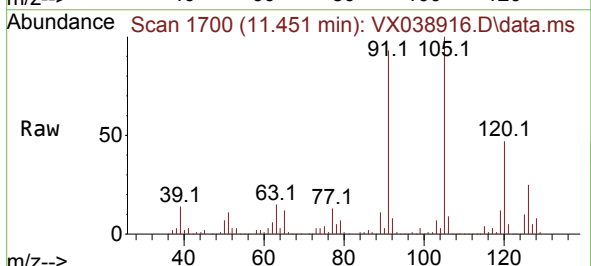
Acq: 18 Nov 2023 07:49

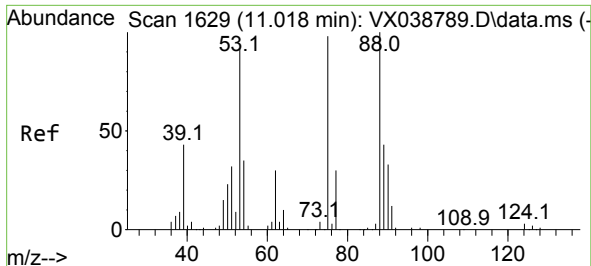
Tgt Ion:105 Resp: 328828

Ion Ratio Lower Upper

105 100

120 46.8 24.1 72.3

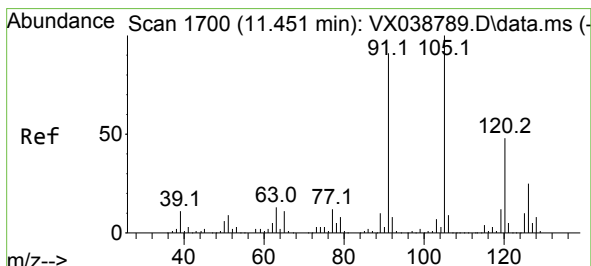
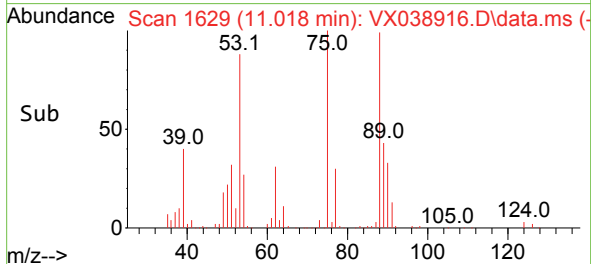
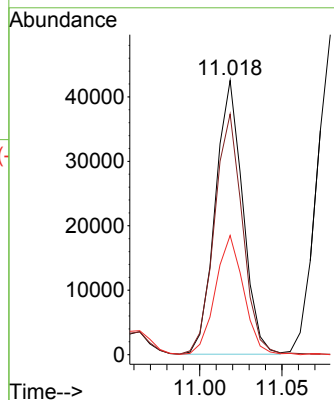
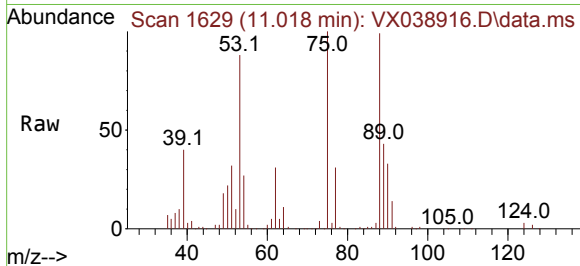




#81
trans-1,4-Dichloro-2-butene
Concen: 41.693 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

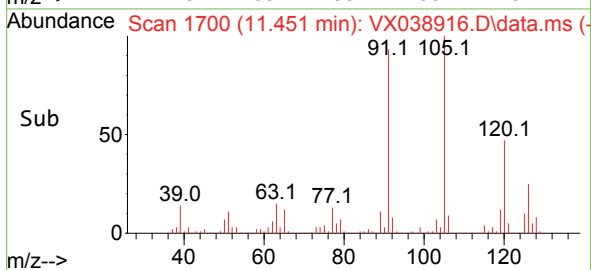
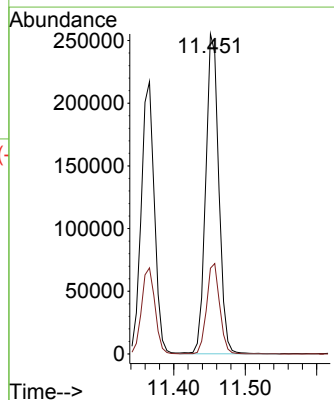
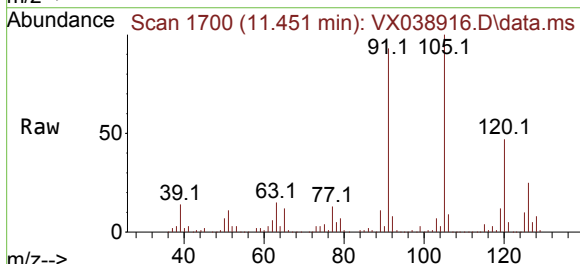
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

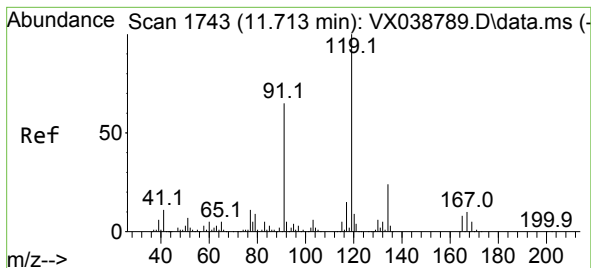
Tgt Ion: 75 Resp: 49369
Ion Ratio Lower Upper
75 100
53 89.6 90.5 135.7#
89 44.7 36.9 55.3



#82
4-Chlorotoluene
Concen: 46.866 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion: 91 Resp: 323770
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 45.809 ug/l

RT: 11.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

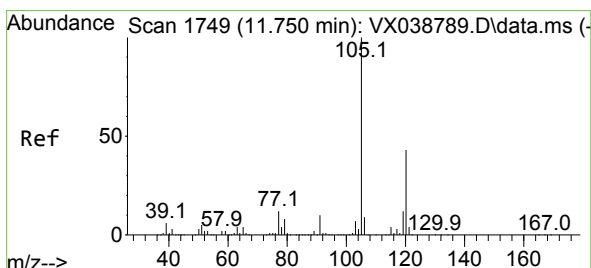
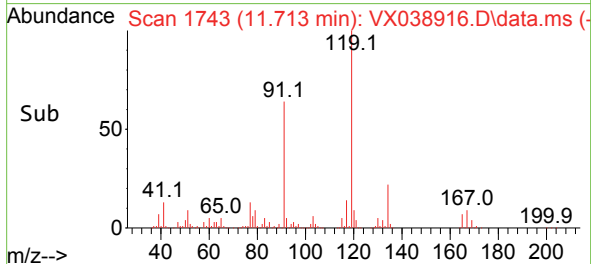
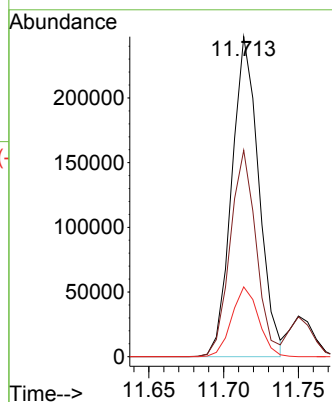
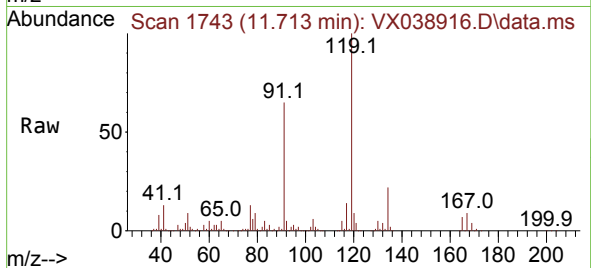
Tgt Ion:119 Resp: 311133

Ion Ratio Lower Upper

119 100

91 62.4 31.2 93.6

134 21.7 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 47.320 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038916.D

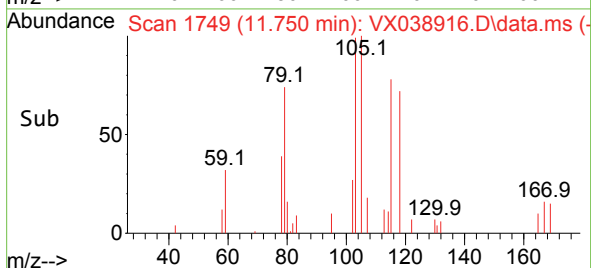
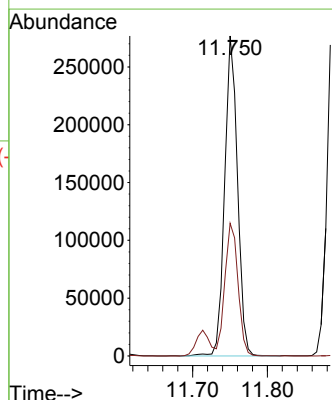
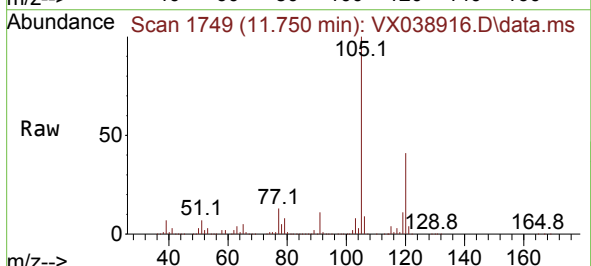
Acq: 18 Nov 2023 07:49

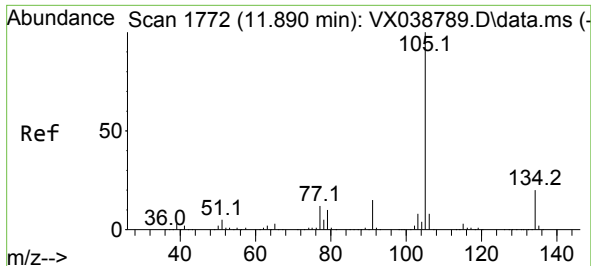
Tgt Ion:105 Resp: 330305

Ion Ratio Lower Upper

105 100

120 42.2 21.2 63.6

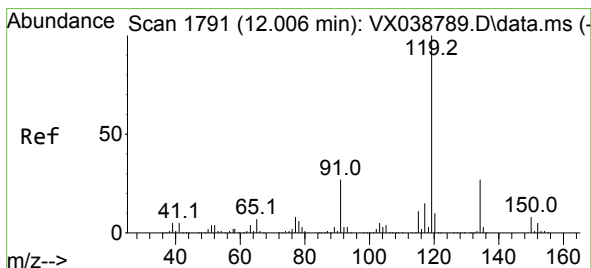
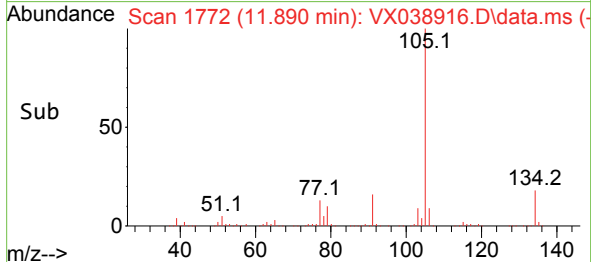
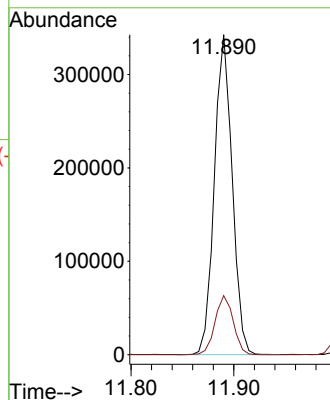
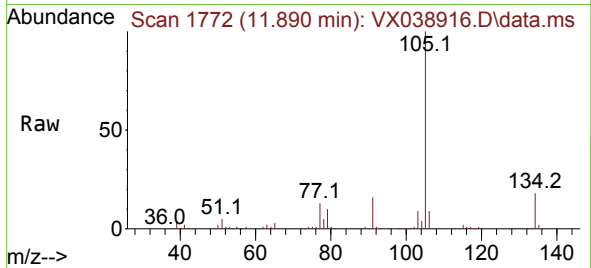




#85
 sec-Butylbenzene
 Concen: 46.240 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038916.D
 Acq: 18 Nov 2023 07:49

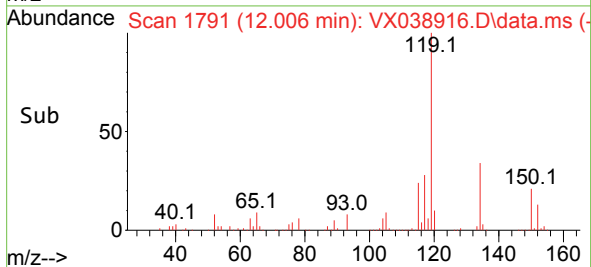
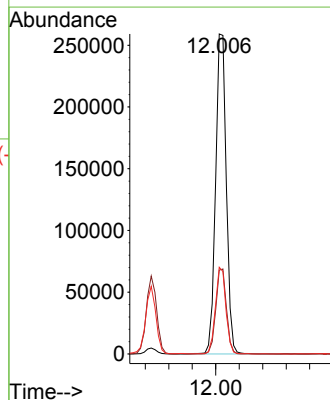
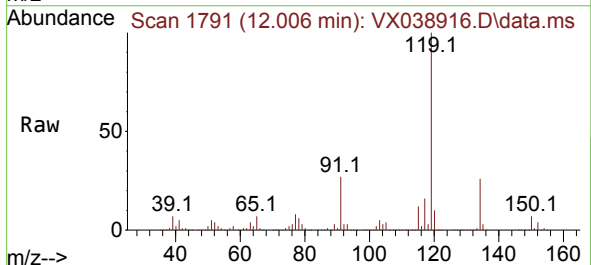
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

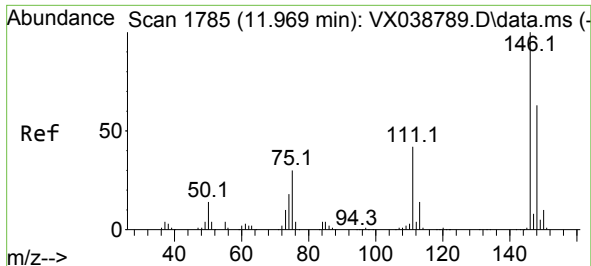
Tgt Ion:105 Resp: 410801
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 45.800 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038916.D
 Acq: 18 Nov 2023 07:49

Tgt Ion:119 Resp: 326634
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 26.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.574 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

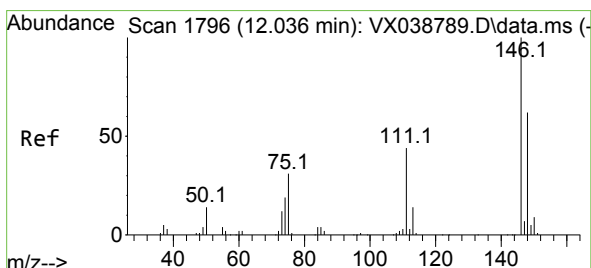
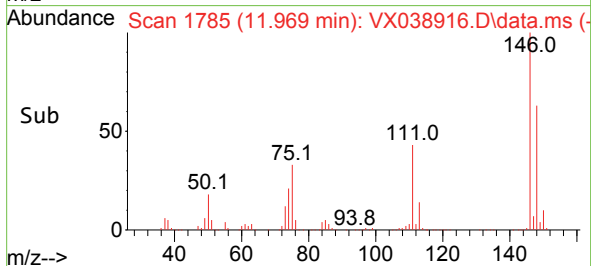
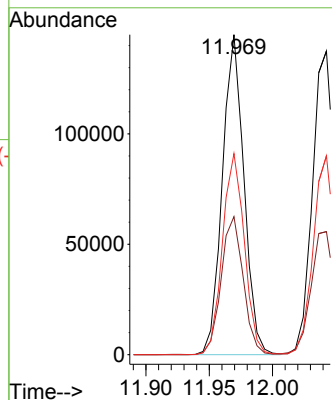
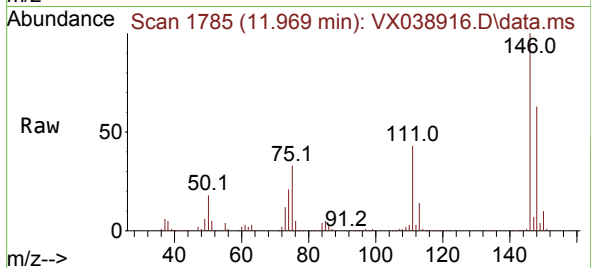
Tgt Ion:146 Resp: 171691

Ion Ratio Lower Upper

146 100

111 44.3 22.1 66.1

148 63.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 46.784 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

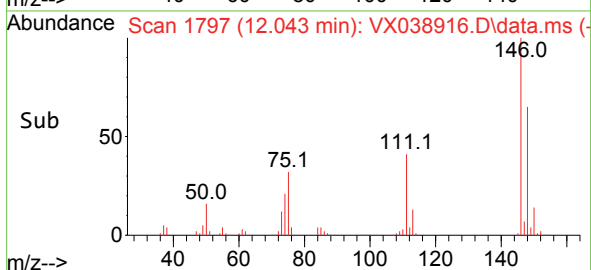
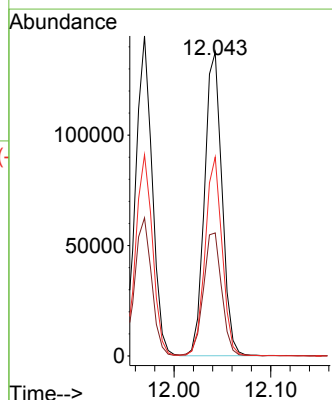
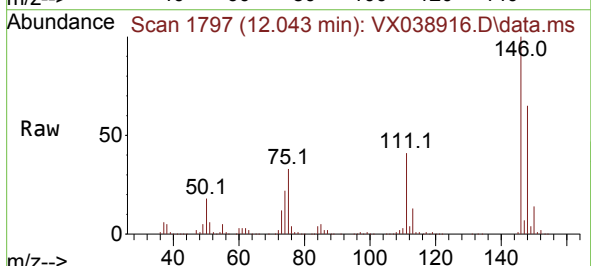
Tgt Ion:146 Resp: 172805

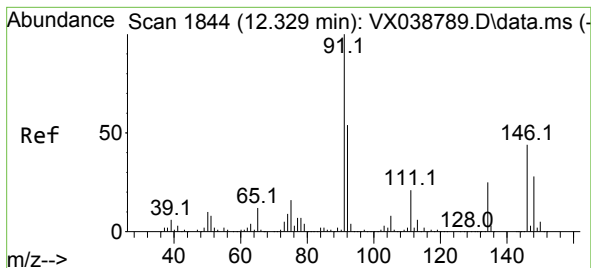
Ion Ratio Lower Upper

146 100

111 42.4 21.3 63.7

148 64.1 31.8 95.4

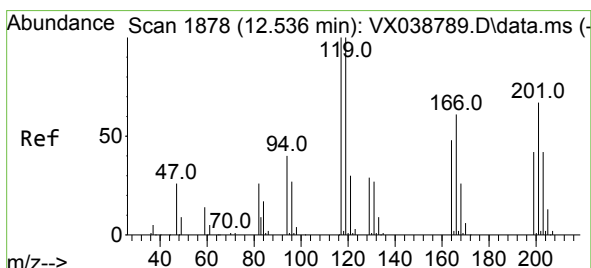
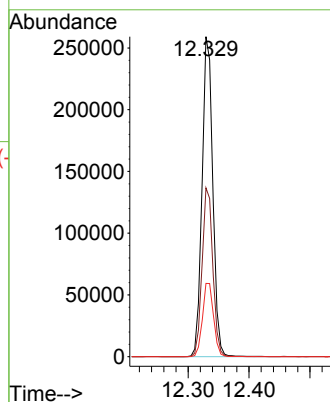
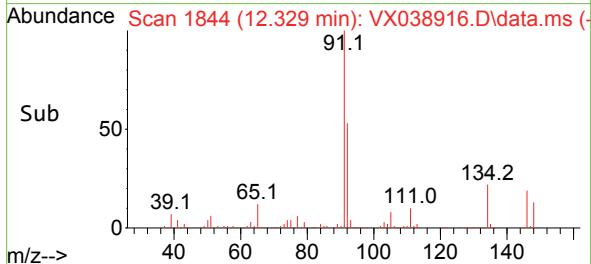
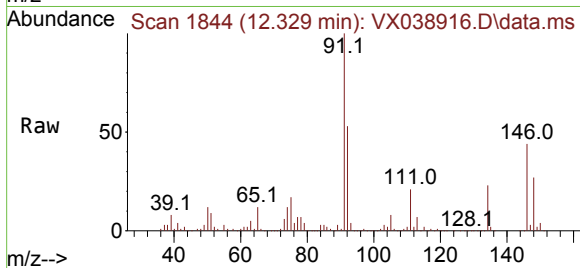




#89
n-Butylbenzene
Concen: 44.217 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

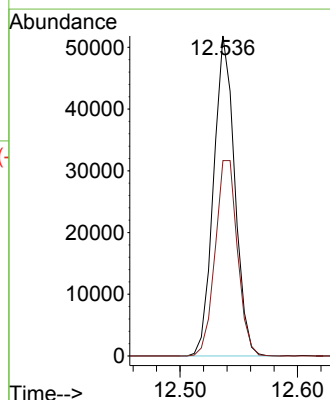
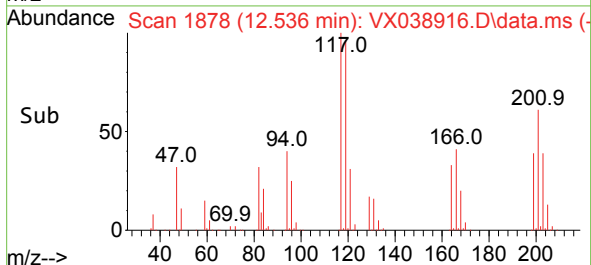
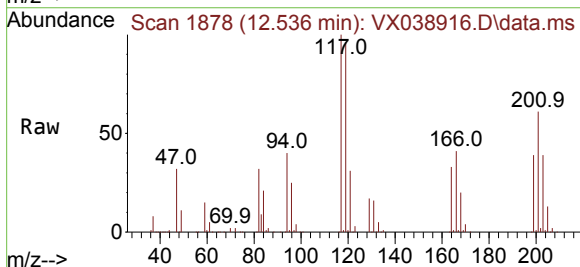
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

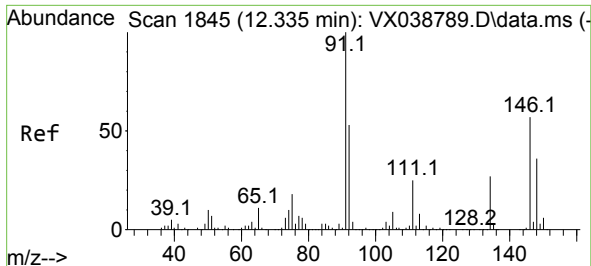
Tgt Ion: 91 Resp: 318165
Ion Ratio Lower Upper
91 100
92 52.8 27.4 82.0
134 23.7 12.6 37.8



#90
Hexachloroethane
Concen: 45.489 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038916.D
Acq: 18 Nov 2023 07:49

Tgt Ion: 117 Resp: 64785
Ion Ratio Lower Upper
117 100
201 64.5 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 49.211 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

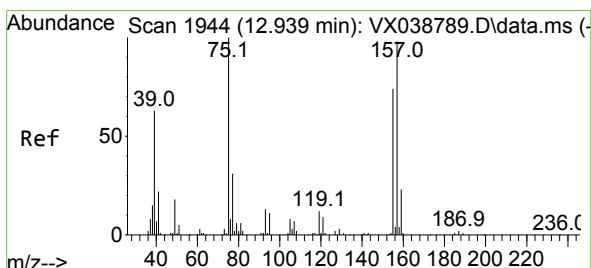
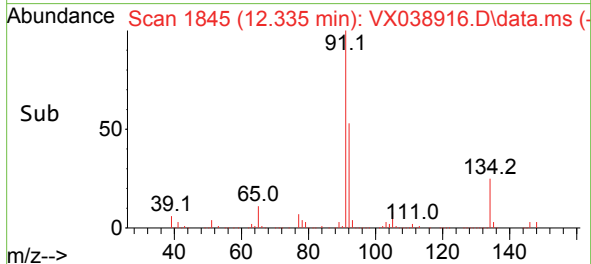
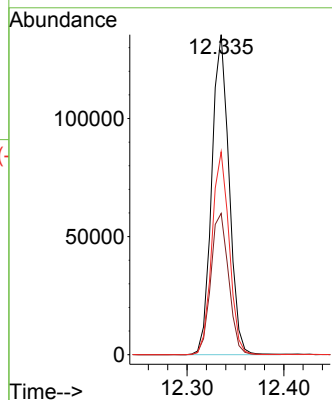
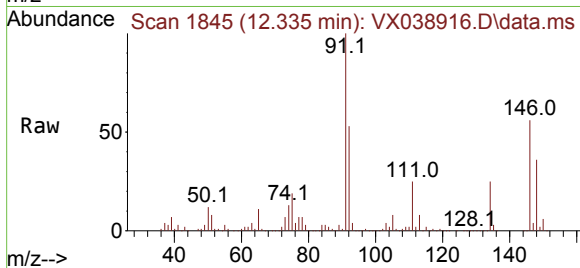
Tgt Ion:146 Resp: 168449

Ion Ratio Lower Upper

146 100

111 45.7 22.4 67.0

148 63.2 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.227 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

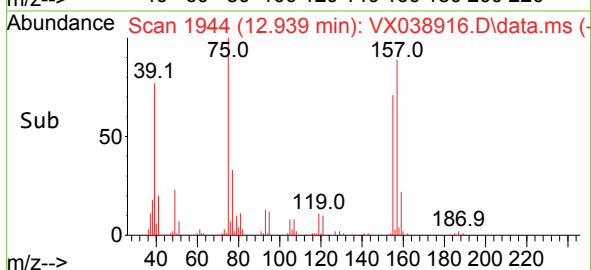
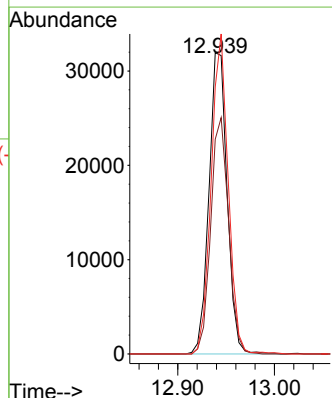
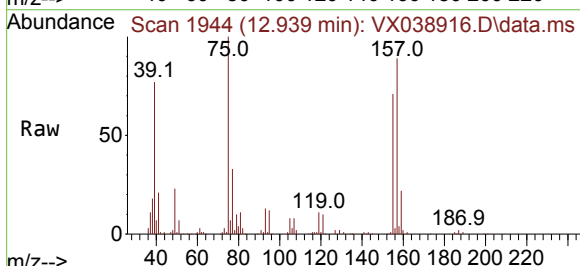
Tgt Ion: 75 Resp: 41753

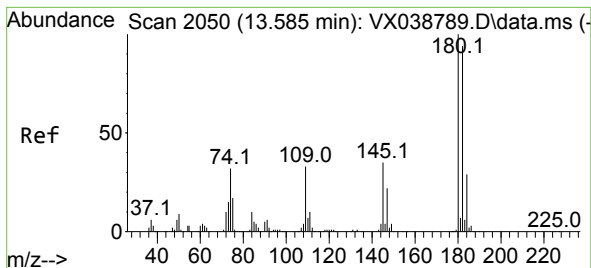
Ion Ratio Lower Upper

75 100

155 77.0 36.1 108.5

157 99.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 47.508 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

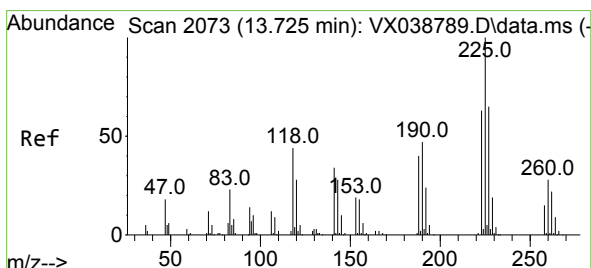
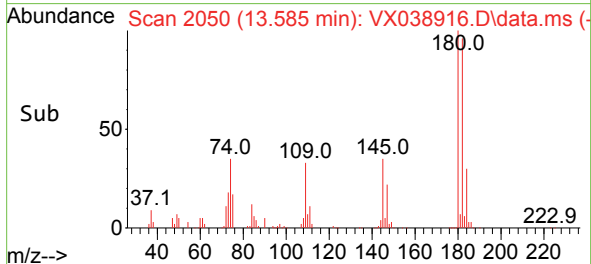
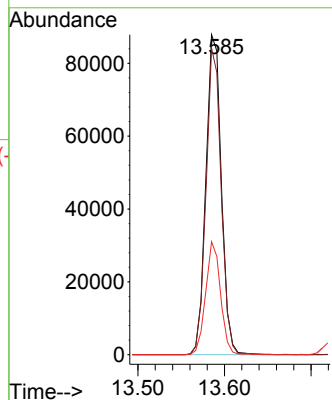
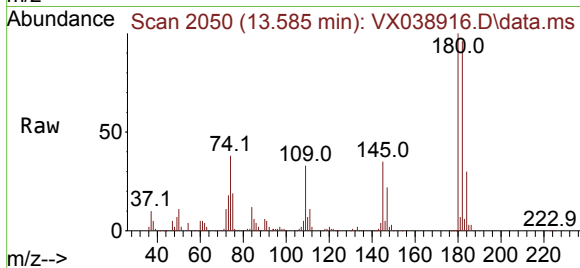
Tgt Ion:180 Resp: 108974

Ion Ratio Lower Upper

180 100

182 93.8 48.3 144.8

145 34.1 18.0 54.0



#94

Hexachlorobutadiene

Concen: 44.800 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

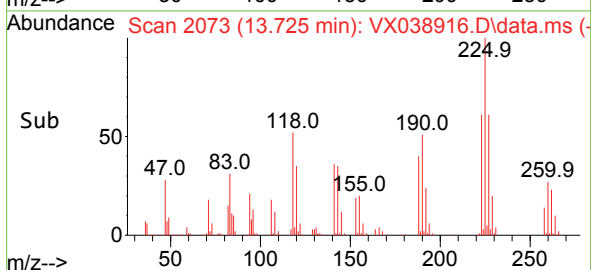
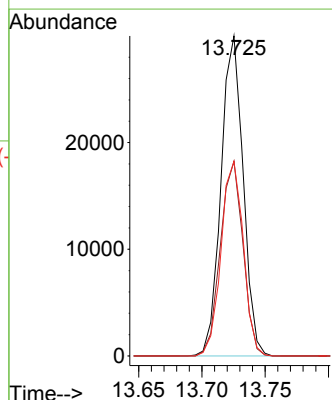
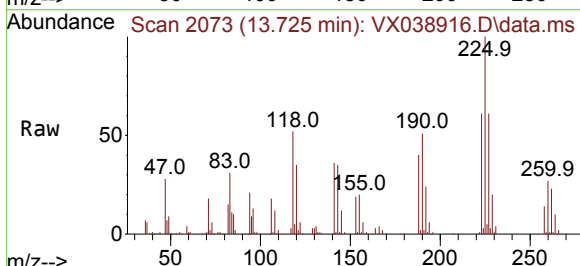
Tgt Ion:225 Resp: 36391

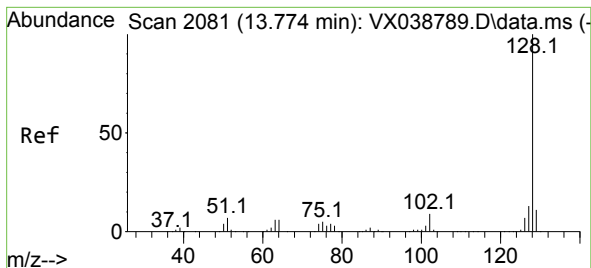
Ion Ratio Lower Upper

225 100

223 62.0 31.1 93.2

227 61.1 32.5 97.5





#95

Naphthalene

Concen: 50.360 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

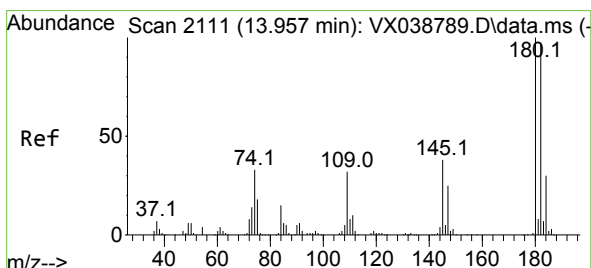
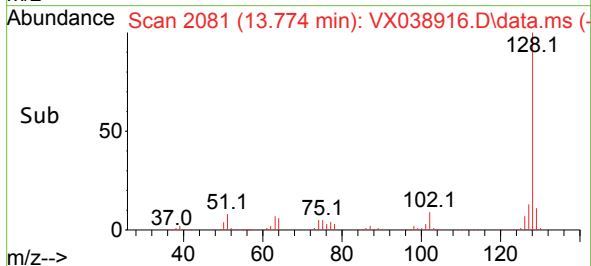
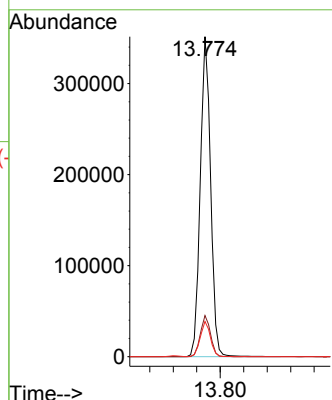
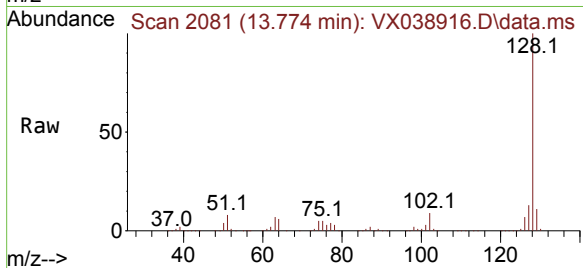
Tgt Ion:128 Resp: 430223

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.390 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX038916.D

Acq: 18 Nov 2023 07:49

Tgt Ion:180 Resp: 107393

Ion Ratio Lower Upper

180 100

182 94.0 46.9 140.6

145 35.9 17.8 53.5

