

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
 Data File : VX038106.D
 Acq On : 05 Oct 2023 17:17
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Oct 17 04:35:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	135595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232184	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110825	50.815	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.620%
35) Dibromofluoromethane	5.385	113	86493	51.698	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.400%
50) Toluene-d8	8.653	98	332123	51.950	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.900%
62) 4-Bromofluorobenzene	11.079	95	127734	52.703	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	67358	51.464	ug/l	99
3) Chloromethane	1.307	50	63639	47.706	ug/l	99
4) Vinyl Chloride	1.374	62	79639	53.845	ug/l	97
5) Bromomethane	1.599	94	113008	58.318	ug/l	100
6) Chloroethane	1.679	64	68260	61.685	ug/l	99
7) Trichlorofluoromethane	1.886	101	170588	58.392	ug/l	99
8) Diethyl Ether	2.130	74	63565	58.340	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	64869	50.863	ug/l	98
10) Methyl Iodide	2.453	142	92853	50.600	ug/l	95
11) Tert butyl alcohol	2.965	59	120620	250.567	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	63456	51.150	ug/l	89
13) Acrolein	2.239	56	85355	275.297	ug/l	99
14) Allyl chloride	2.660	41	111636	50.309	ug/l	94
15) Acrylonitrile	3.062	53	255240	257.166	ug/l	100
16) Acetone	2.380	43	215228	236.457	ug/l	93
17) Carbon Disulfide	2.508	76	167218	46.767	ug/l	99
18) Methyl Acetate	2.703	43	202363	51.843	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	256666	51.948	ug/l	99
20) Methylene Chloride	2.788	84	81467	47.583	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	78171	50.892	ug/l	90
22) Diisopropyl ether	3.764	45	248708	53.478	ug/l	90
23) Vinyl Acetate	3.721	43	928490	272.242	ug/l	97
24) 1,1-Dichloroethane	3.611	63	144517	51.204	ug/l	99
25) 2-Butanone	4.556	43	375751	255.853	ug/l	93
26) 2,2-Dichloropropane	4.477	77	111887	50.776	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	95131	52.002	ug/l	92
28) Bromochloromethane	4.897	49	69081	54.220	ug/l	89
29) Tetrahydrofuran	5.007	42	249275	260.703	ug/l	89
30) Chloroform	5.093	83	167237	54.186	ug/l	98
31) Cyclohexane	5.477	56	123564	52.293	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	141507	53.529	ug/l	99
36) 1,1-Dichloropropene	5.696	75	118237	51.250	ug/l	99
37) Ethyl Acetate	4.715	43	144407	52.704	ug/l	98
38) Carbon Tetrachloride	5.678	117	120006	52.876	ug/l	96
39) Methylcyclohexane	7.385	83	139924	51.779	ug/l	93
40) Benzene	6.037	78	346746	53.736	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	72197	52.968	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	137358	53.278	ug/l	99
43) Isopropyl Acetate	6.342	43	221097	54.054	ug/l	97
44) Trichloroethene	7.123	130	88585	52.488	ug/l	98
45) 1,2-Dichloropropane	7.434	63	89778	53.756	ug/l	100
46) Dibromomethane	7.580	93	68815	53.126	ug/l	98
47) Bromodichloromethane	7.824	83	126378	54.844	ug/l	99
48) Methyl methacrylate	7.696	41	106401	54.490	ug/l	86
49) 1,4-Dioxane	7.659	88	49431	1027.292	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	759471	269.188	ug/l	98
52) Toluene	8.720	92	228515	54.364	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	139451	56.379	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	143763	55.321	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	95273	52.991	ug/l	95
56) Ethyl methacrylate	9.116	69	151902	55.105	ug/l	92
57) 1,3-Dichloropropane	9.311	76	157991	54.332	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	354444	261.950	ug/l	100
59) 2-Hexanone	9.433	43	610565	269.191	ug/l	96
60) Dibromochloromethane	9.525	129	99576	56.589	ug/l	99
61) 1,2-Dibromoethane	9.610	107	105957	54.497	ug/l	99
64) Tetrachloroethene	9.275	164	75570	51.352	ug/l	99
65) Chlorobenzene	10.079	112	245645	51.641	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	89854	55.861	ug/l	99
67) Ethyl Benzene	10.195	91	449479	52.937	ug/l	100
68) m/p-Xylenes	10.299	106	345737	105.308	ug/l	99
69) o-Xylene	10.640	106	169100	52.773	ug/l	99
70) Styrene	10.659	104	285020	54.620	ug/l	98
71) Bromoform	10.799	173	72615	48.740	ug/l #	99
73) Isopropylbenzene	10.963	105	443659	52.898	ug/l	99
74) N-amyl acetate	10.842	43	200269	55.917	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	165886	53.902	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	182383	64.149	ug/l	90
77) Bromobenzene	11.201	156	106346	51.936	ug/l	94
78) n-propylbenzene	11.305	91	543319	52.980	ug/l	99
79) 2-Chlorotoluene	11.366	91	315037	51.799	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	390178	53.923	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	47580	48.957	ug/l	93
82) 4-Chlorotoluene	11.457	91	378543	52.598	ug/l	99
83) tert-Butylbenzene	11.713	119	383486	54.239	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	390455	54.121	ug/l	99
85) sec-Butylbenzene	11.890	105	491233	53.635	ug/l	100
86) p-Isopropyltoluene	12.012	119	408299	54.033	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	211107	51.330	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	214976	51.199	ug/l	99
89) n-Butylbenzene	12.335	91	395876	52.604	ug/l	97
90) Hexachloroethane	12.536	117	68431	54.619	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	207272	52.430	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40575	54.530	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	135707	51.180	ug/l	96
94) Hexachlorobutadiene	13.725	225	53213	49.862	ug/l	99
95) Naphthalene	13.774	128	482036	52.203	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	132056	51.436	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

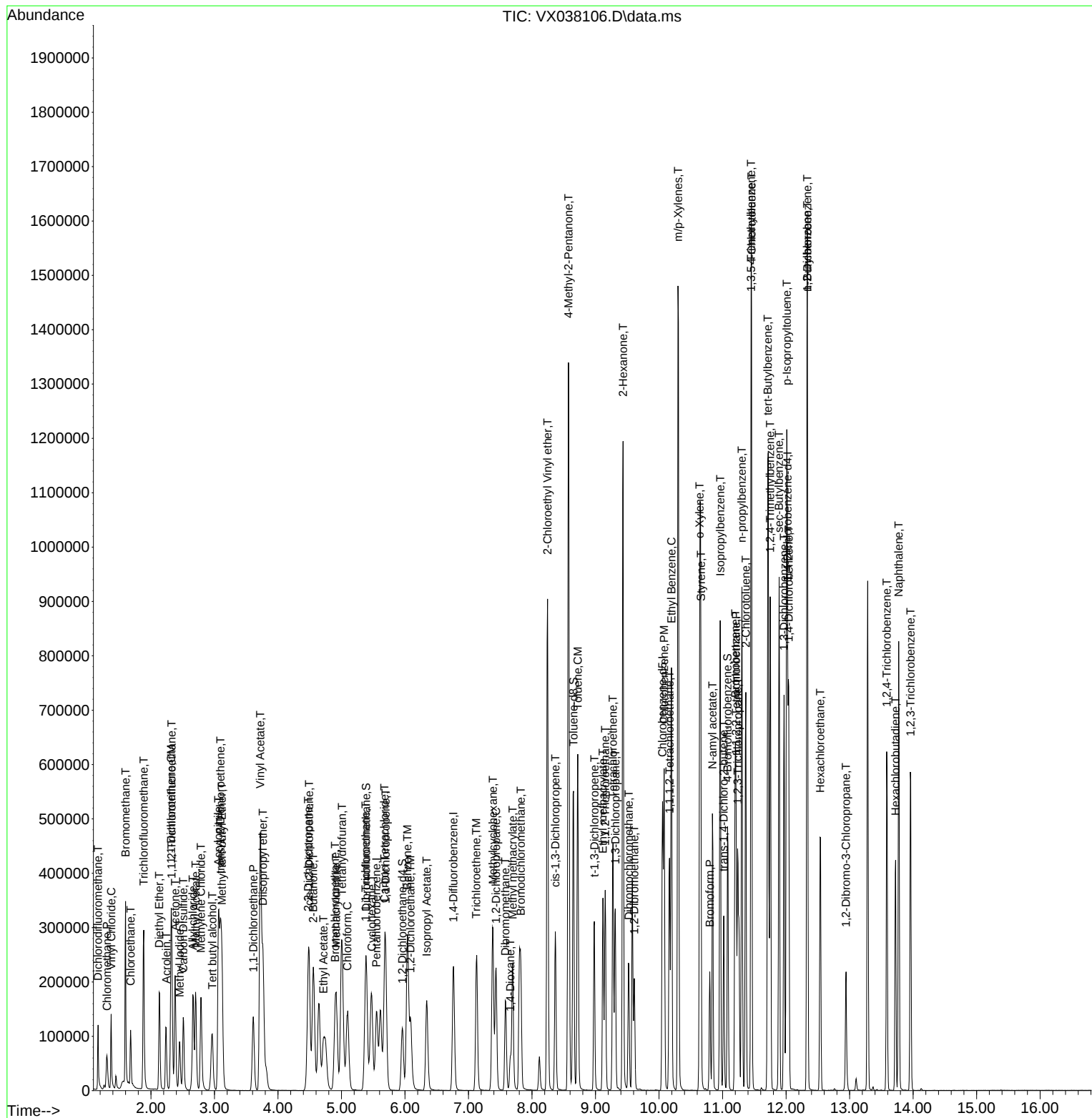
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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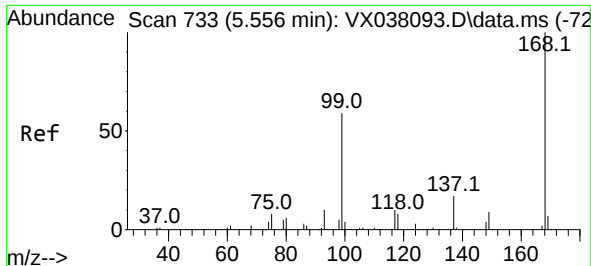
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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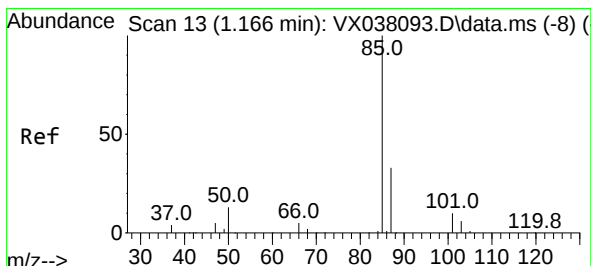
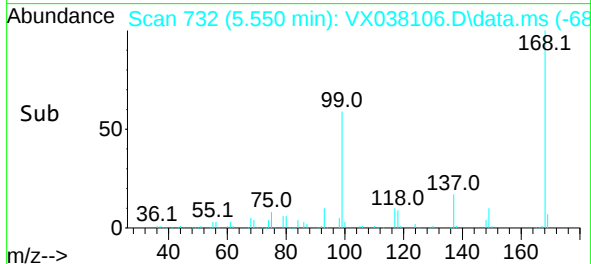
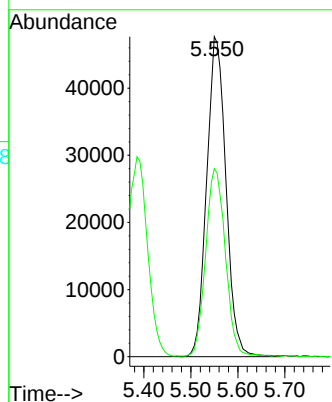
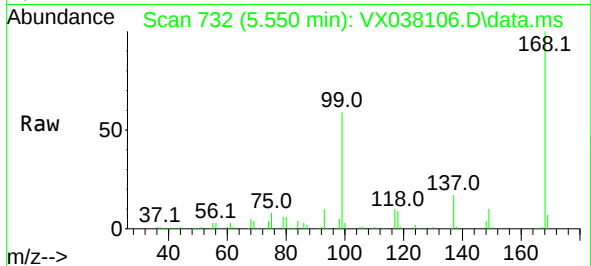




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038106.D
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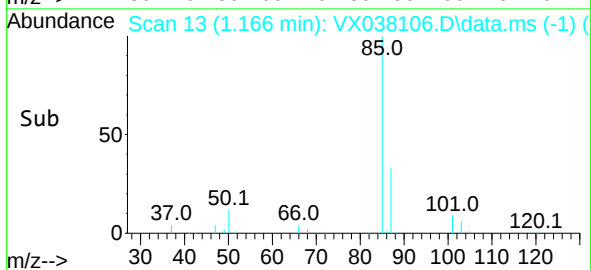
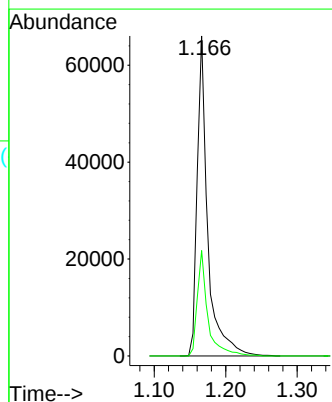
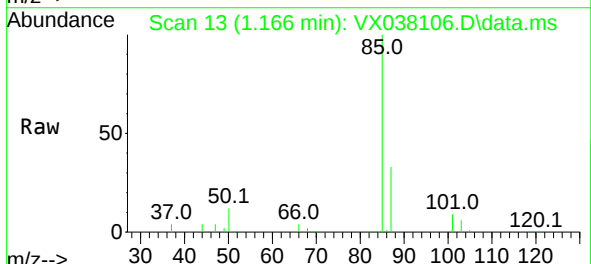
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

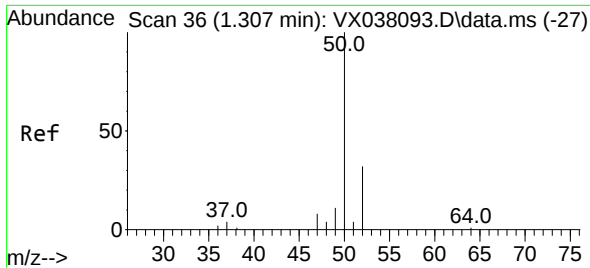
Tgt Ion:168 Resp: 135595
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 51.464 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 85 Resp: 67358
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.1

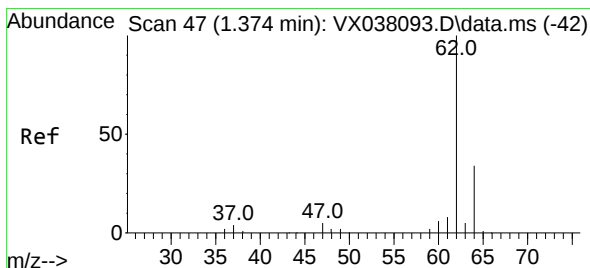
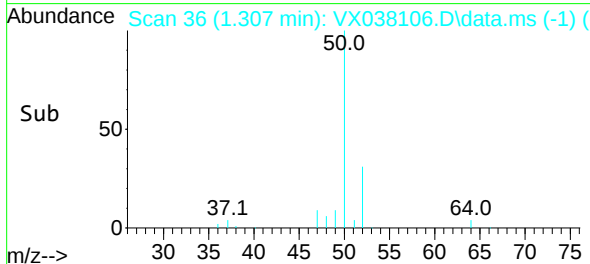
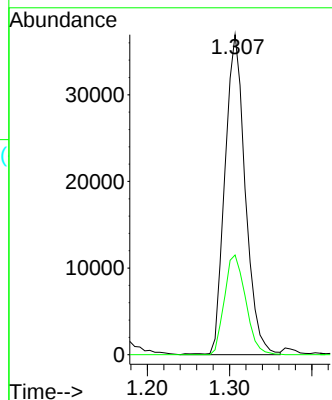
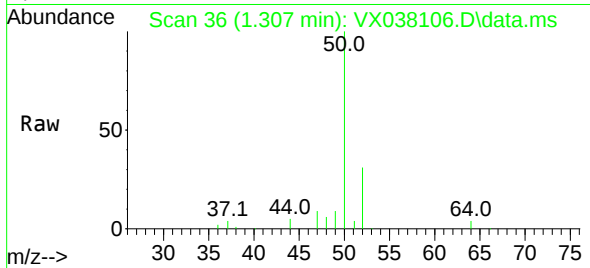




#3
Chloromethane
Concen: 47.706 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

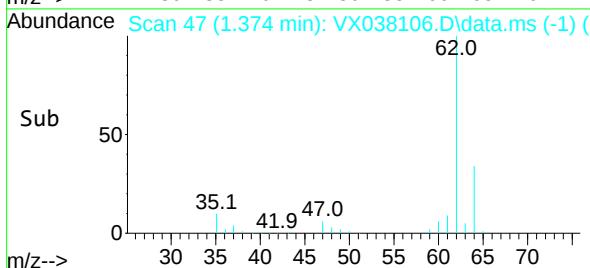
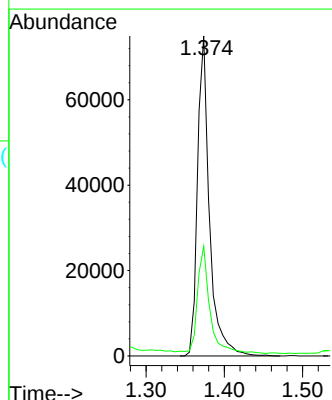
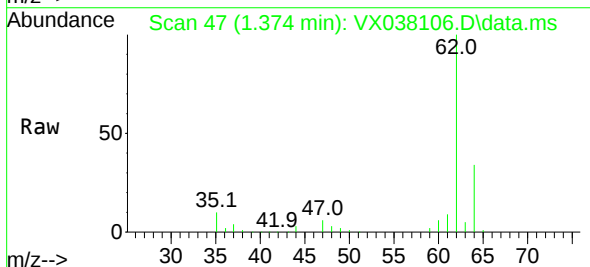
Instrument :
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ClientSampleId :
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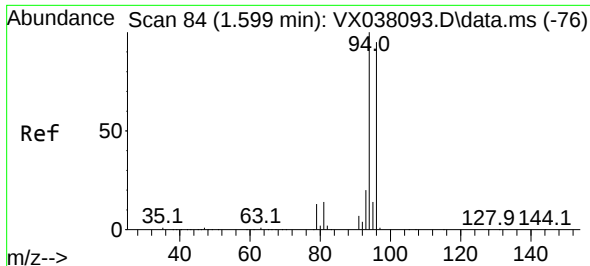
Tgt Ion: 50 Resp: 63639
Ion Ratio Lower Upper
50 100
52 31.1 25.5 38.3



#4
Vinyl Chloride
Concen: 53.845 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 62 Resp: 79639
Ion Ratio Lower Upper
62 100
64 33.5 25.4 38.0

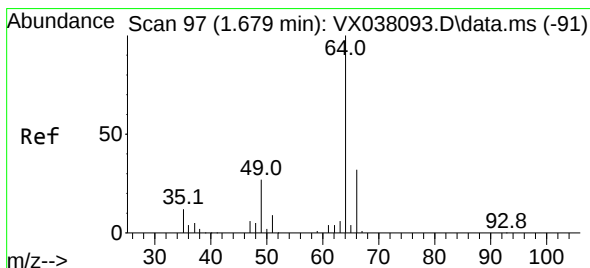
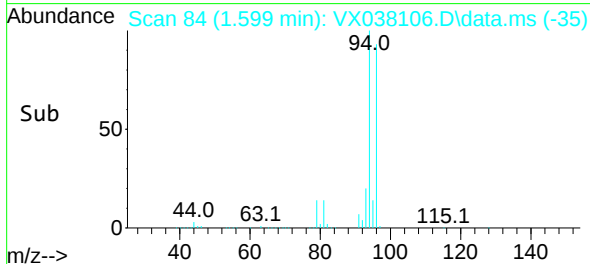
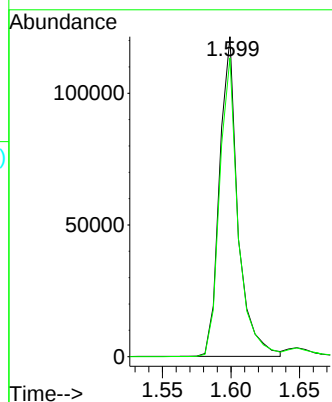
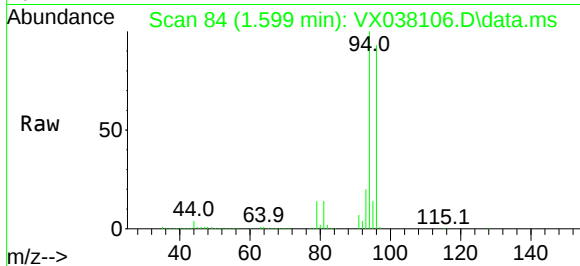




#5
Bromomethane
Concen: 58.318 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038106.D
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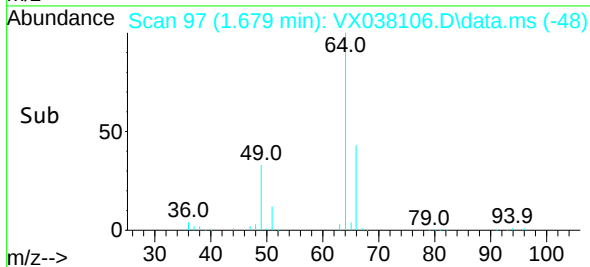
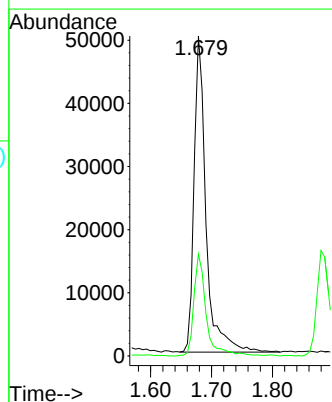
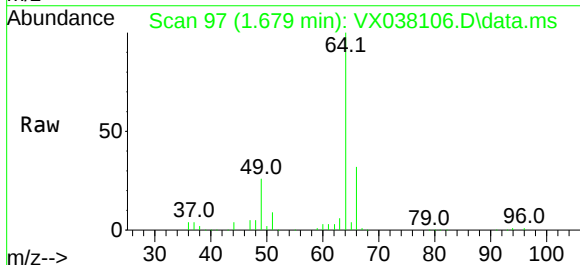
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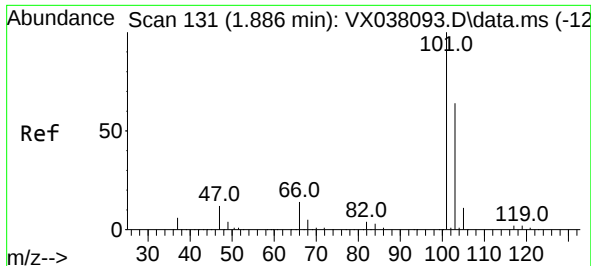
Tgt Ion: 94 Resp: 113008
Ion Ratio Lower Upper
94 100
96 93.4 74.6 111.8



#6
Chloroethane
Concen: 61.685 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 64 Resp: 68260
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7

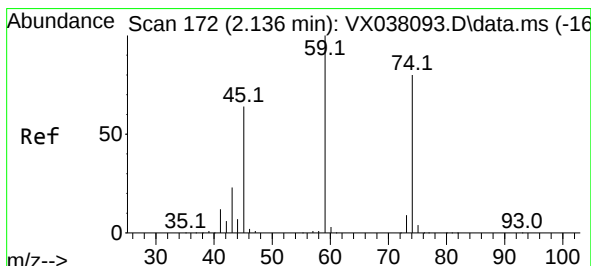
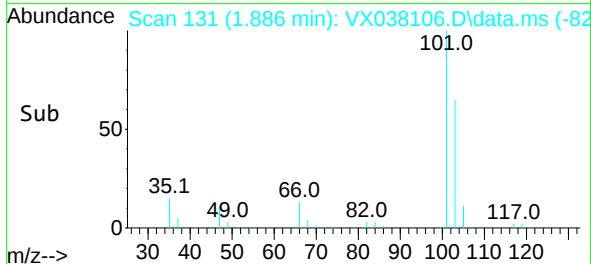
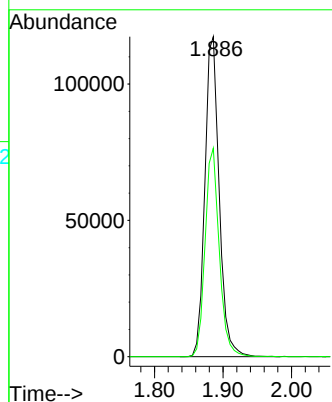
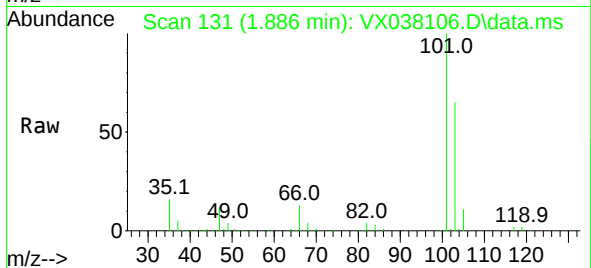




#7
 Trichlorofluoromethane
 Concen: 58.392 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038106.D
 Acq: 05 Oct 2023 17:17

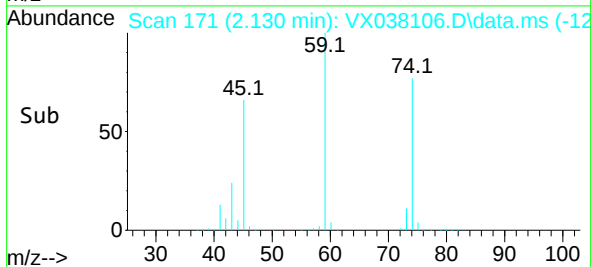
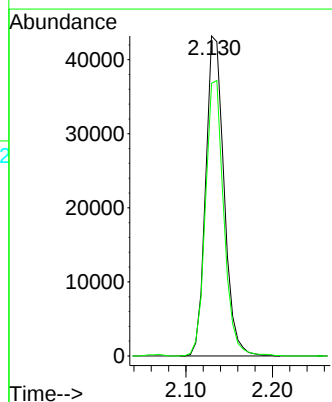
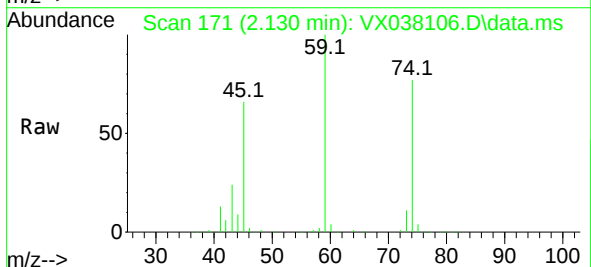
Instrument :
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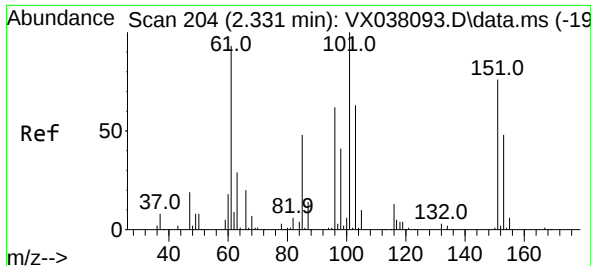
Tgt Ion:101 Resp: 170588
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.2



#8
 Diethyl Ether
 Concen: 58.340 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX038106.D
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Tgt Ion: 74 Resp: 63565
 Ion Ratio Lower Upper
 74 100
 45 86.1 53.3 159.8

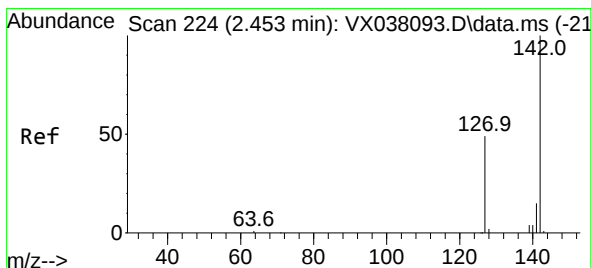
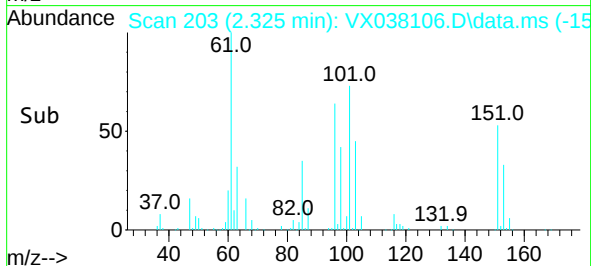
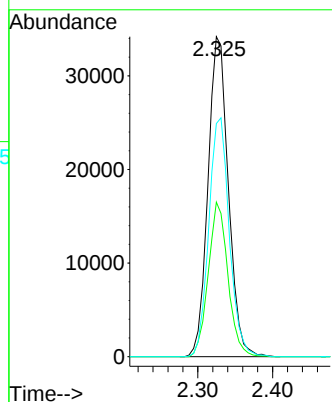
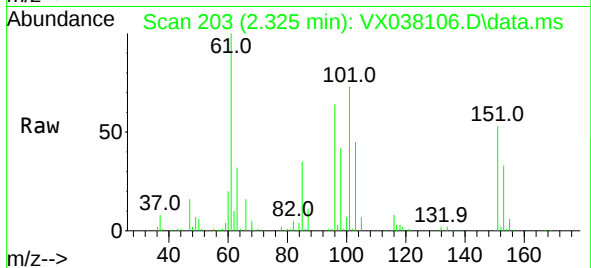




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.863 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

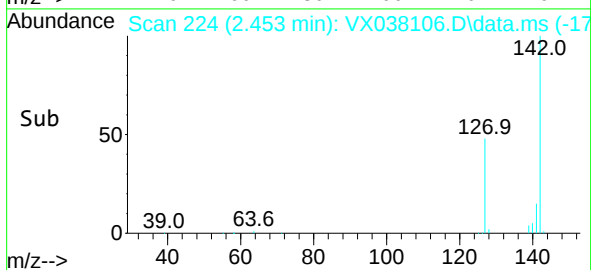
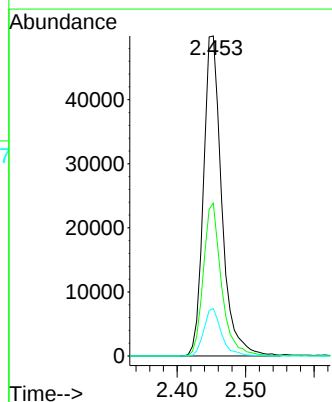
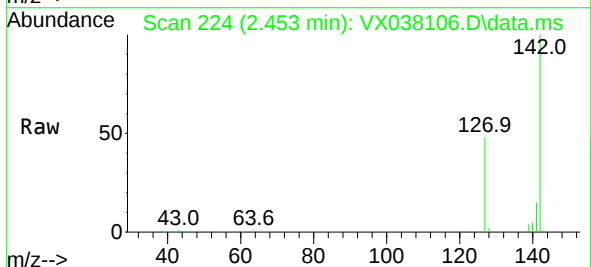
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

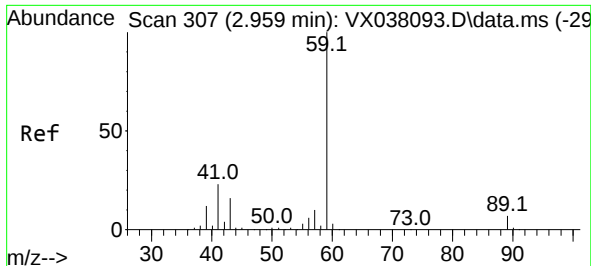
Tgt Ion:101 Resp: 64869
Ion Ratio Lower Upper
101 100
85 46.6 37.0 55.6
151 75.3 58.6 87.8



#10
Methyl Iodide
Concen: 50.600 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion:142 Resp: 92853
Ion Ratio Lower Upper
142 100
127 47.4 41.6 62.4
141 14.4 11.6 17.4

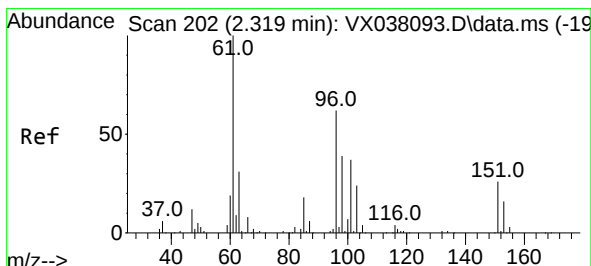
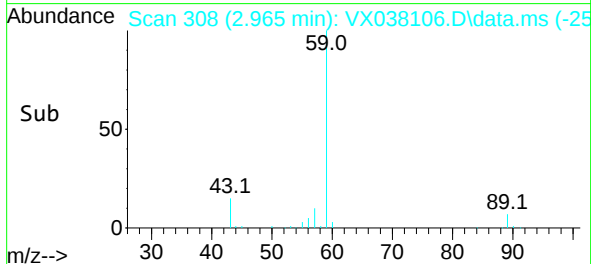
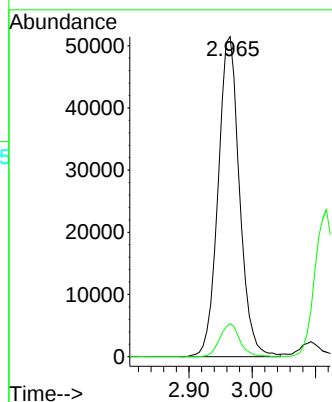
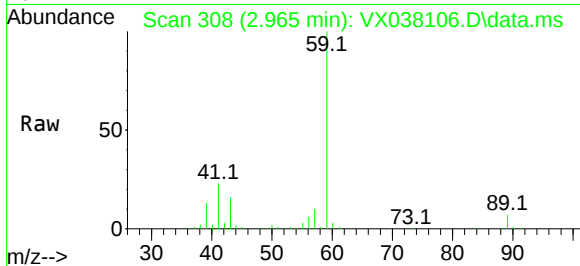




#11
Tert butyl alcohol
Concen: 250.567 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

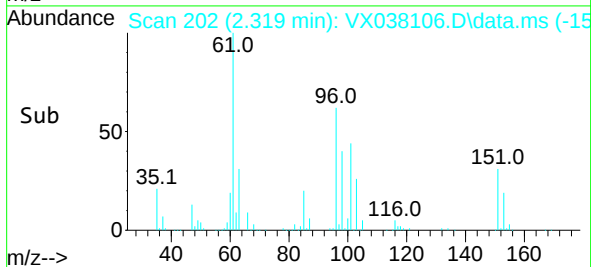
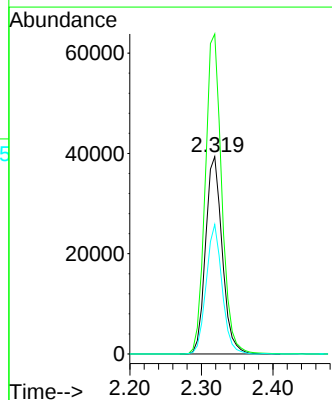
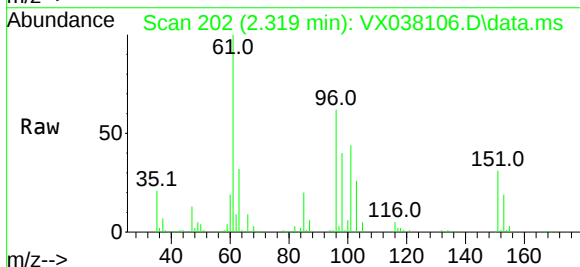
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

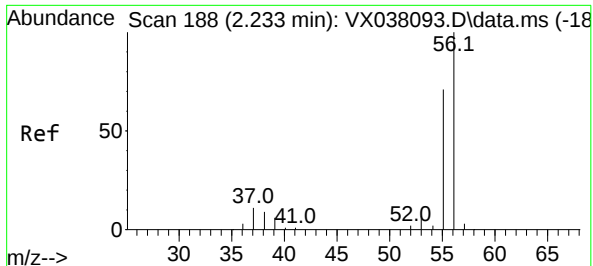
Tgt Ion: 59 Resp: 120620
Ion Ratio Lower Upper
59 100
57 9.6 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 51.150 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 96 Resp: 63456
Ion Ratio Lower Upper
96 100
61 162.2 144.6 216.8
98 65.7 50.4 75.6

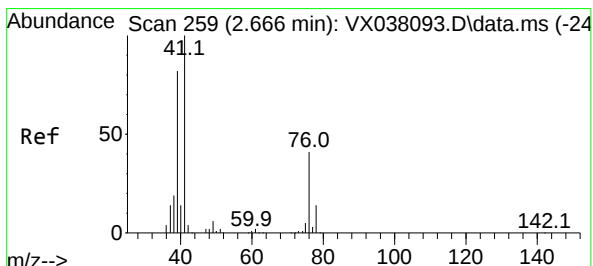
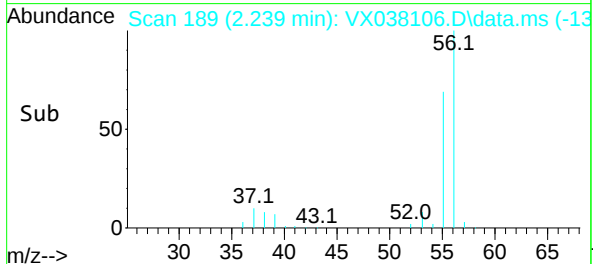
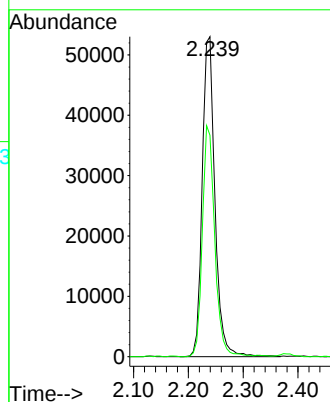
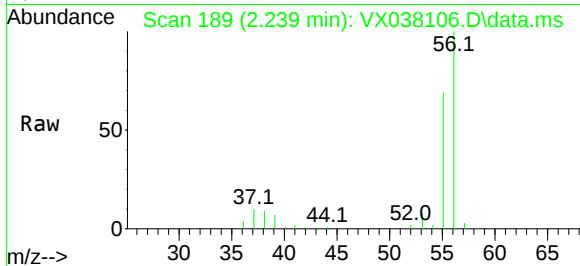




#13
Acrolein
Concen: 275.297 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

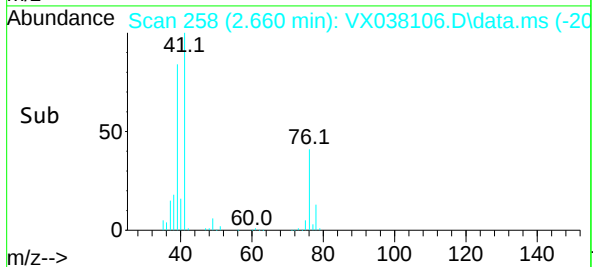
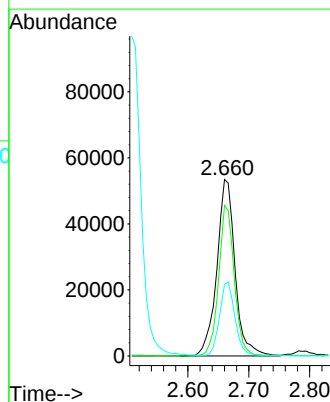
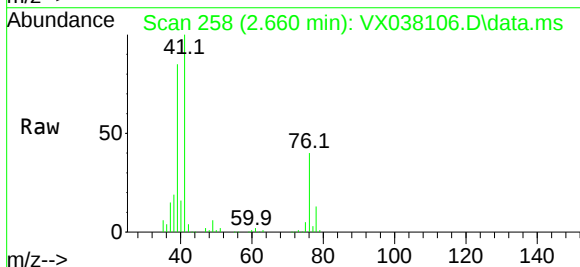
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

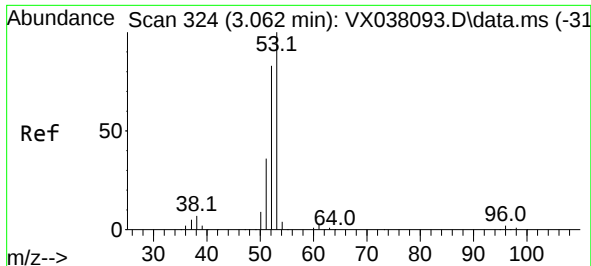
Tgt Ion: 56 Resp: 85355
Ion Ratio Lower Upper
56 100
55 70.5 57.1 85.7



#14
Allyl chloride
Concen: 50.309 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 41 Resp: 111636
Ion Ratio Lower Upper
41 100
39 73.3 55.8 83.6
76 35.7 24.3 36.5

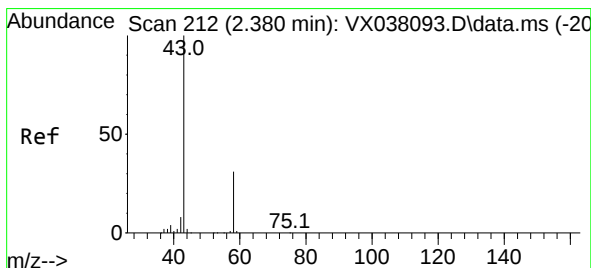
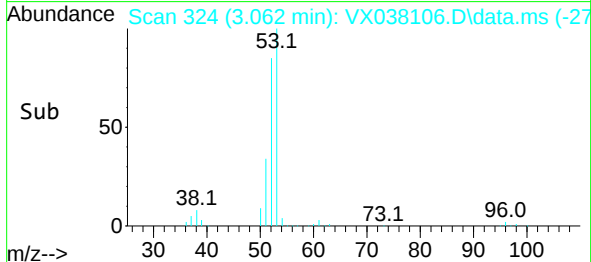
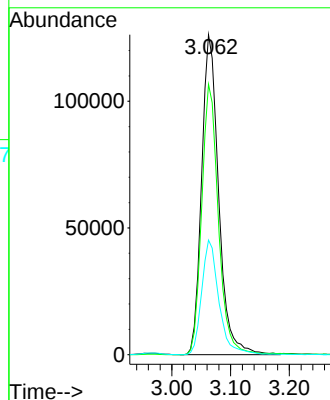
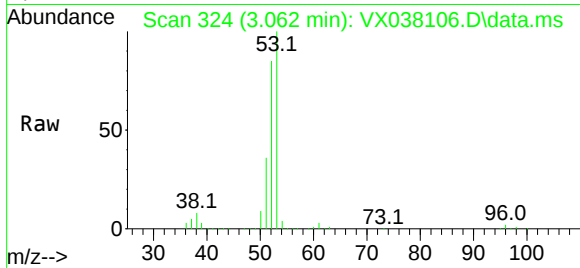




#15
Acrylonitrile
Concen: 257.166 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

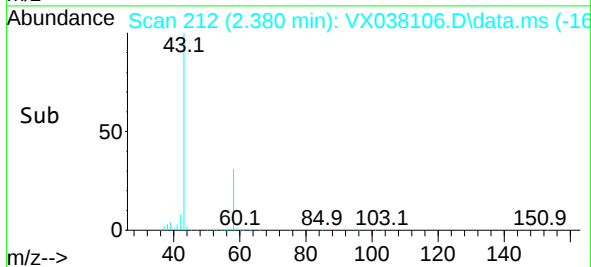
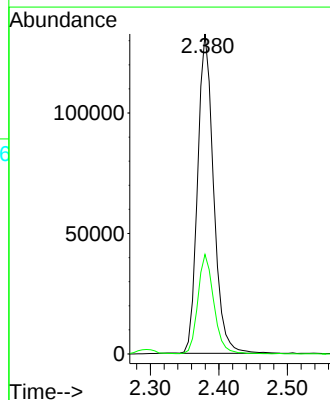
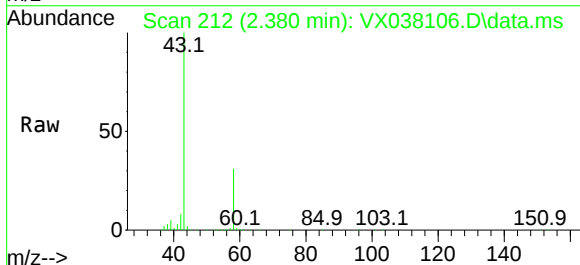
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

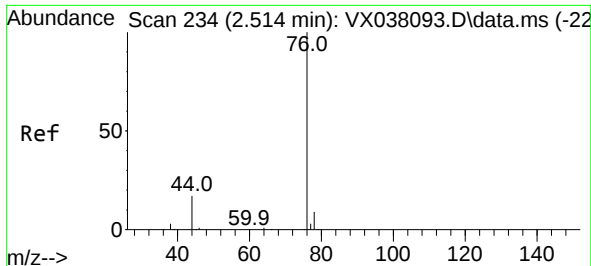
Tgt Ion: 53 Resp: 255240
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 36.3 29.8 44.6



#16
Acetone
Concen: 236.457 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 43 Resp: 215228
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9

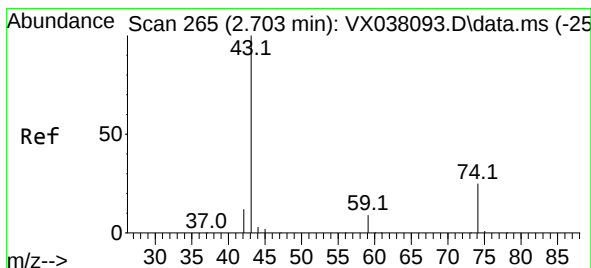
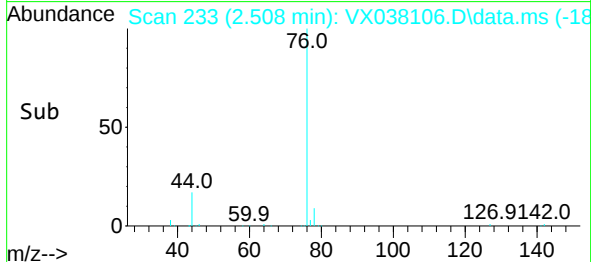
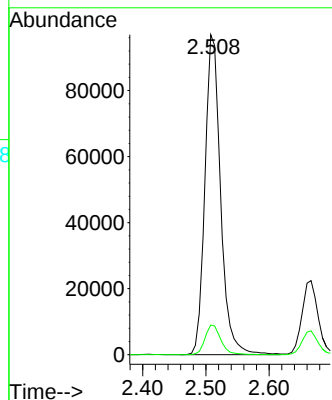
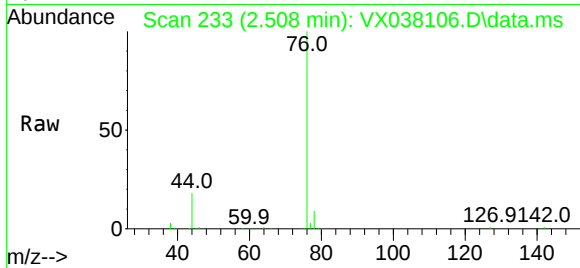




#17
Carbon Disulfide
Concen: 46.767 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

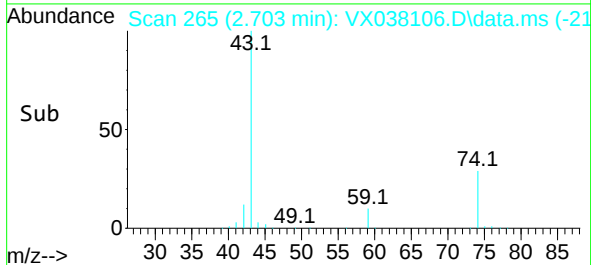
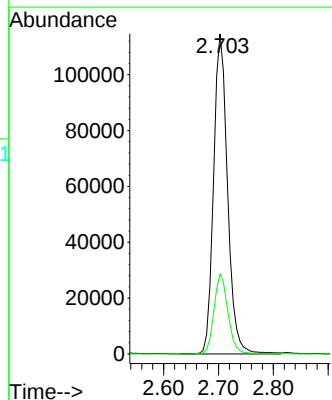
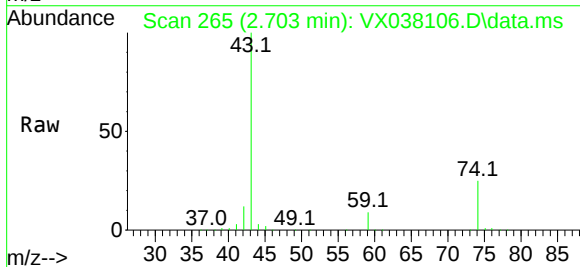
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

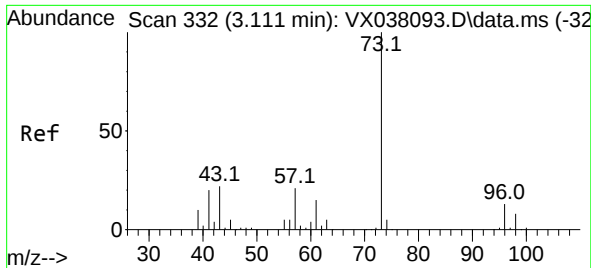
Tgt Ion: 76 Resp: 167218
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 51.843 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 43 Resp: 202363
Ion Ratio Lower Upper
43 100
74 25.0 17.8 26.8

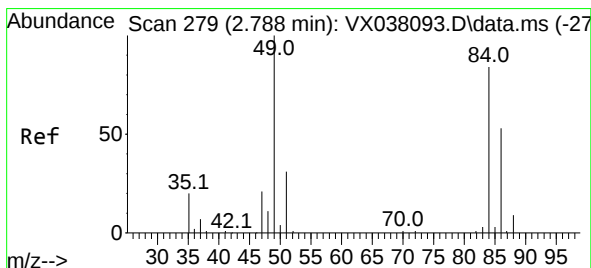
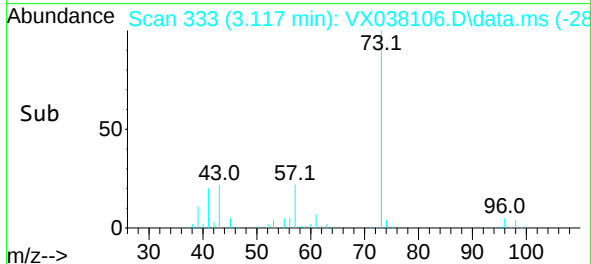
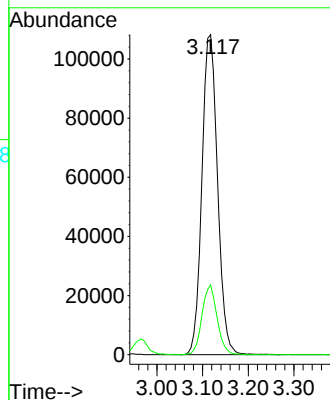
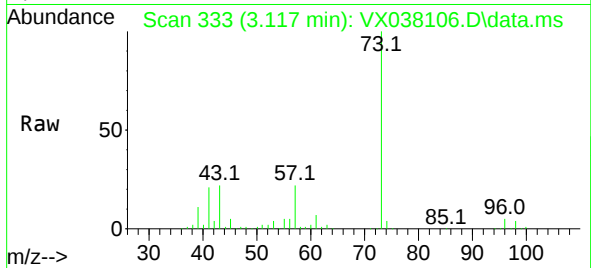




#19
Methyl tert-butyl Ether
Concen: 51.948 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

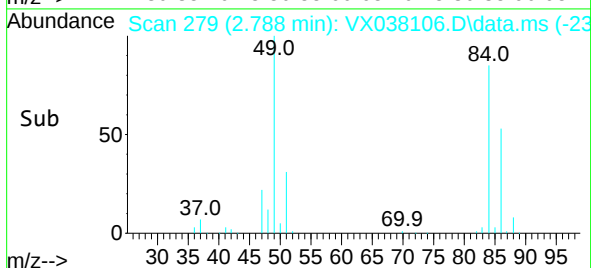
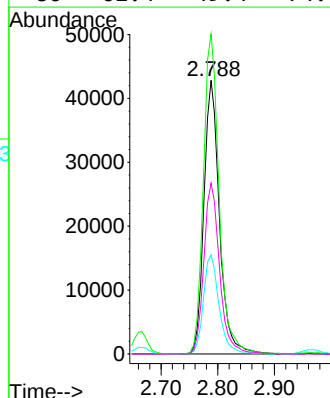
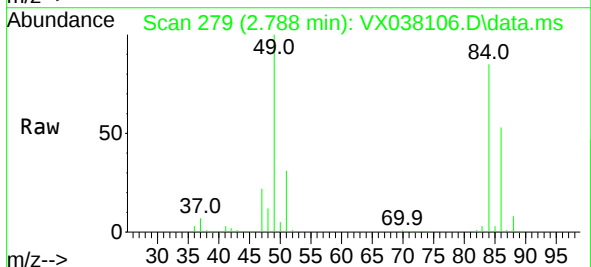
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

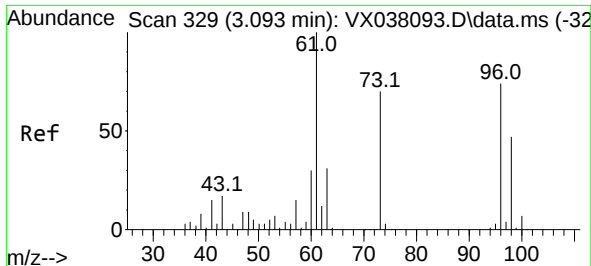
Tgt Ion: 73 Resp: 256666
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#20
Methylene Chloride
Concen: 47.583 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 84 Resp: 81467
Ion Ratio Lower Upper
84 100
49 117.0 103.6 155.4
51 36.2 33.8 50.6
86 62.4 49.4 74.0

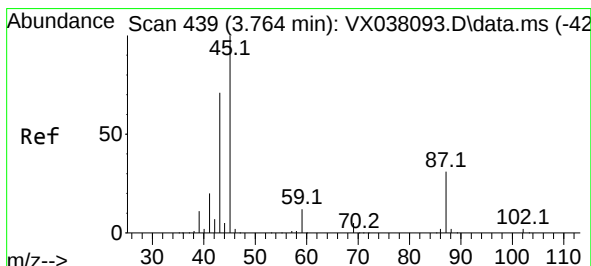
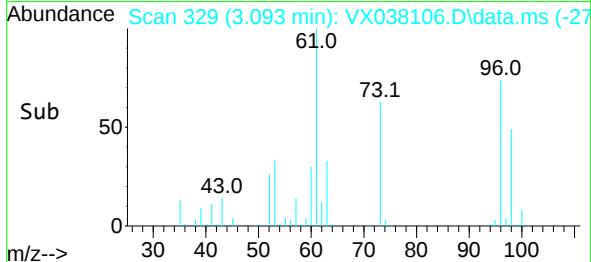
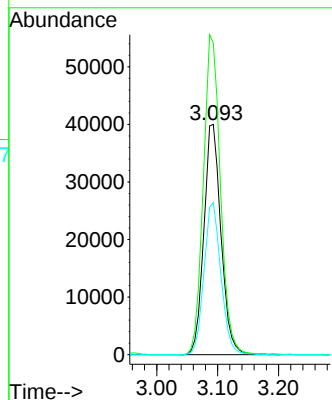
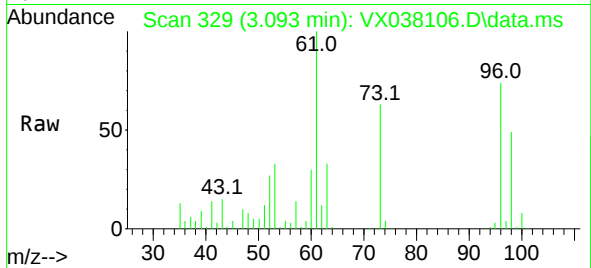




#21
trans-1,2-Dichloroethene
Concen: 50.892 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

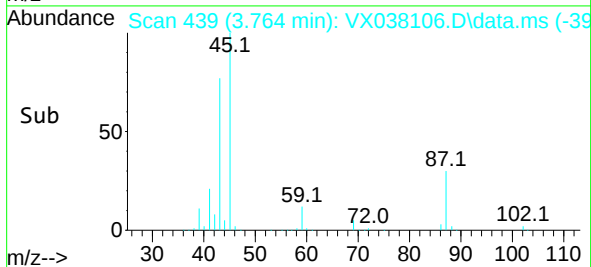
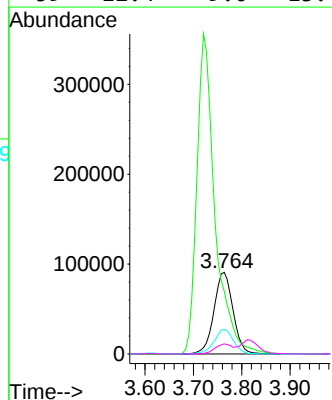
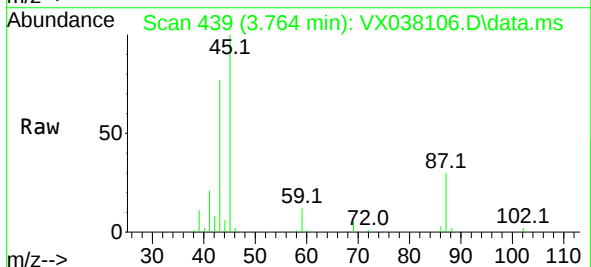
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

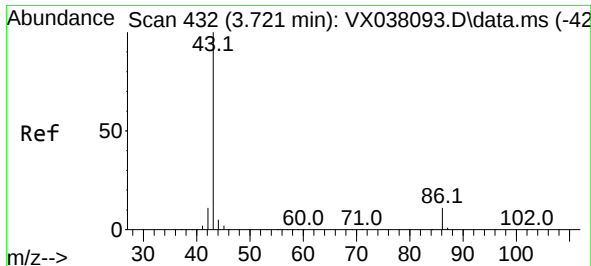
Tgt Ion: 96 Resp: 78171
Ion Ratio Lower Upper
96 100
61 135.2 119.2 178.8
98 66.0 48.7 73.1



#22
Diisopropyl ether
Concen: 53.478 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 45 Resp: 248708
Ion Ratio Lower Upper
45 100
43 76.8 69.7 104.5
87 30.1 20.8 31.2
59 12.4 9.0 13.4

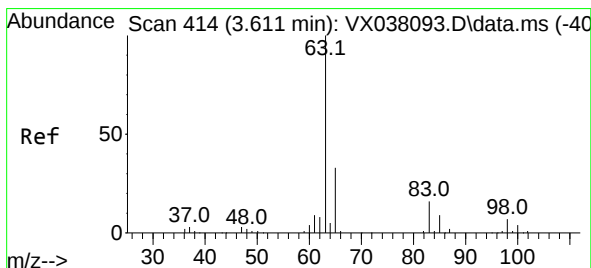
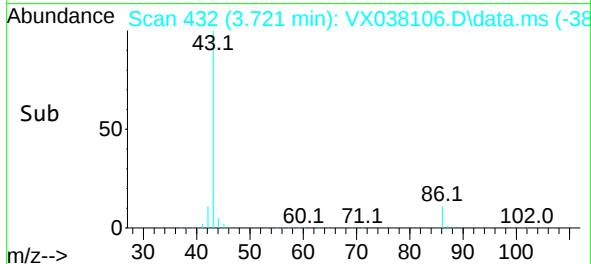
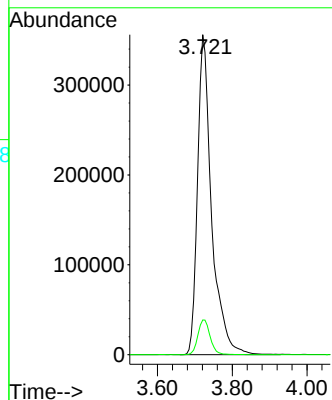
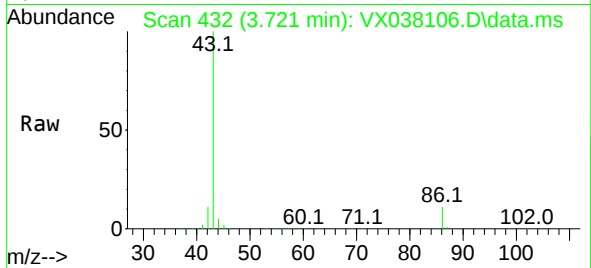




#23
 Vinyl Acetate
 Concen: 272.242 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038106.D
 Acq: 05 Oct 2023 17:17

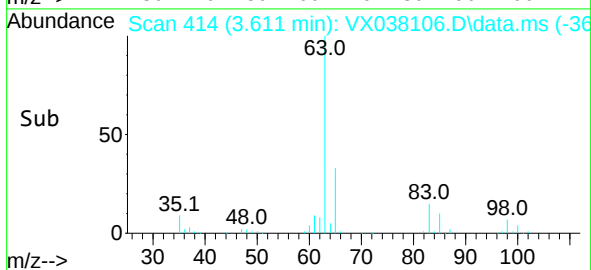
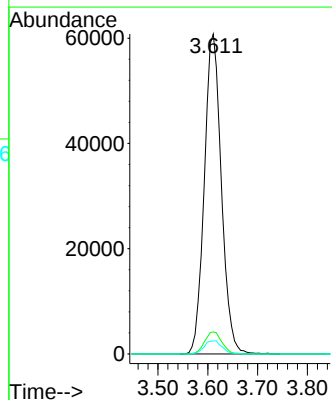
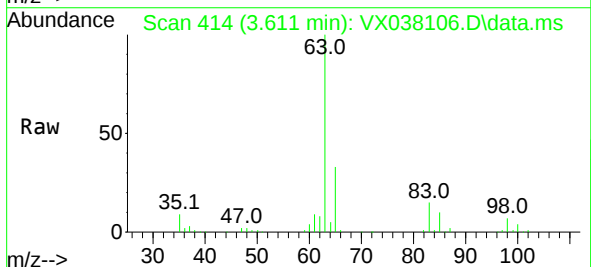
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

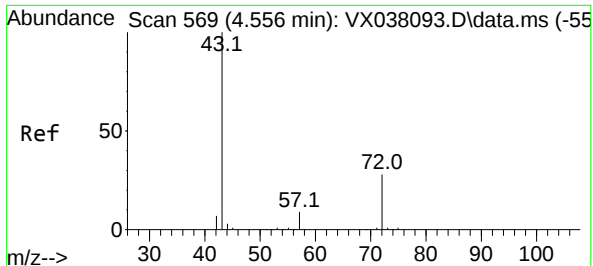
Tgt Ion: 43 Resp: 928490
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 51.204 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038106.D
 Acq: 05 Oct 2023 17:17

Tgt Ion: 63 Resp: 144517
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 255.853 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

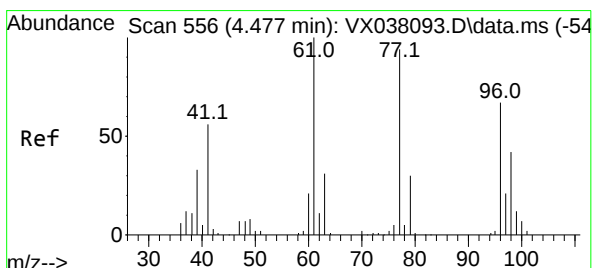
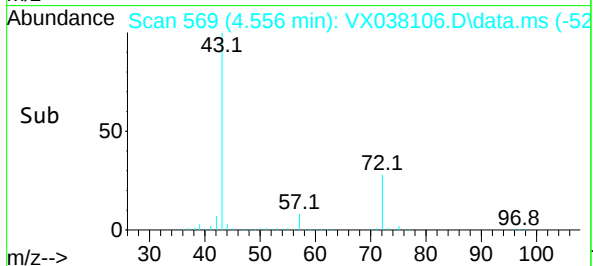
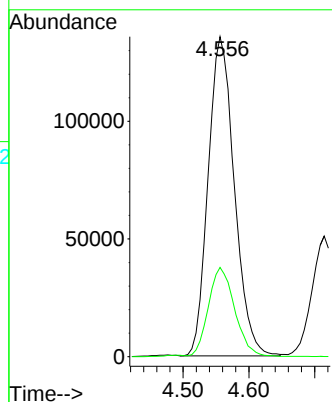
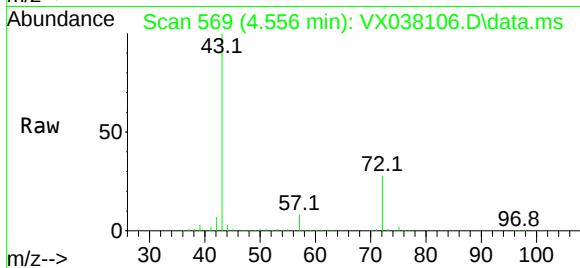
VSTDCCC050EC

Tgt Ion: 43 Resp: 375751

Ion Ratio Lower Upper

43 100

72 27.9 19.4 29.2



#26

2,2-Dichloropropane

Concen: 50.776 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX038106.D

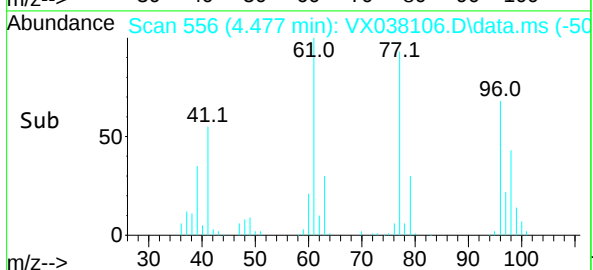
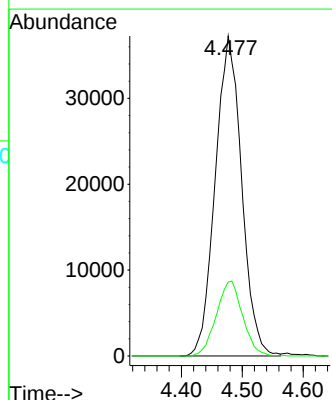
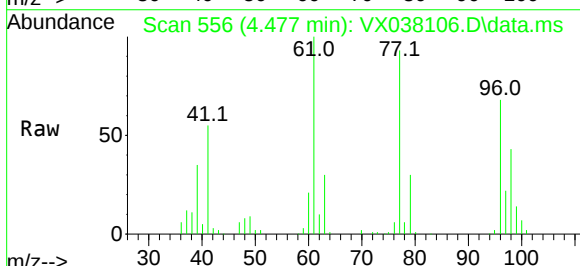
Acq: 05 Oct 2023 17:17

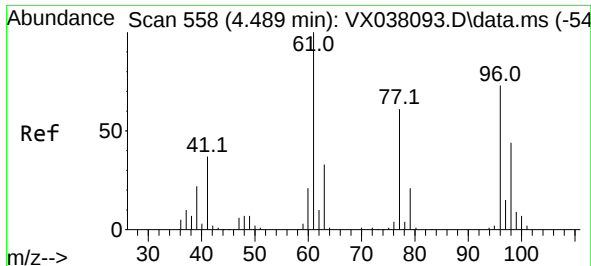
Tgt Ion: 77 Resp: 111887

Ion Ratio Lower Upper

77 100

97 23.3 10.8 32.3



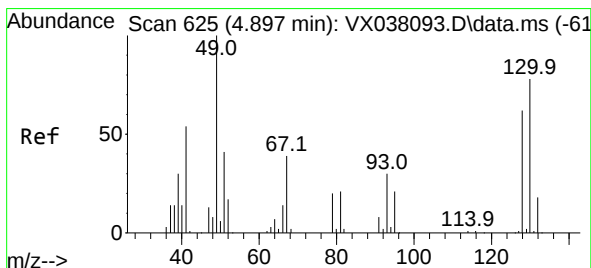
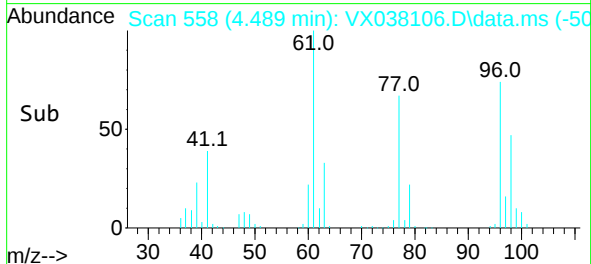
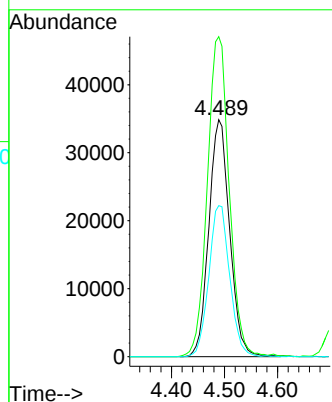
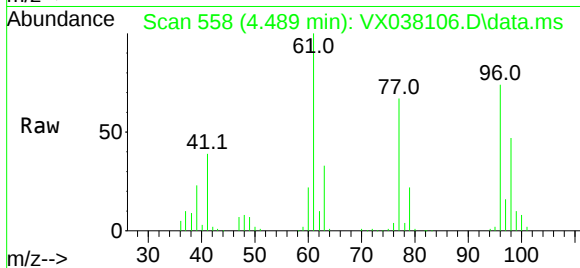


#27
 cis-1,2-Dichloroethene
 Concen: 52.002 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX038106.D
 Acq: 05 Oct 2023 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 95131

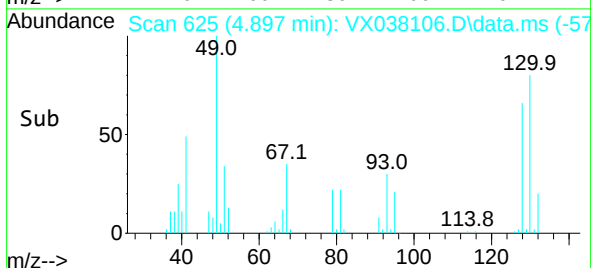
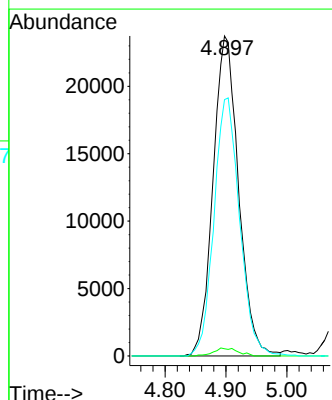
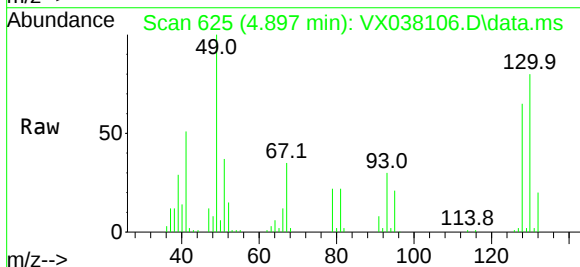
Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	312.2
98	63.9	0.0	129.0

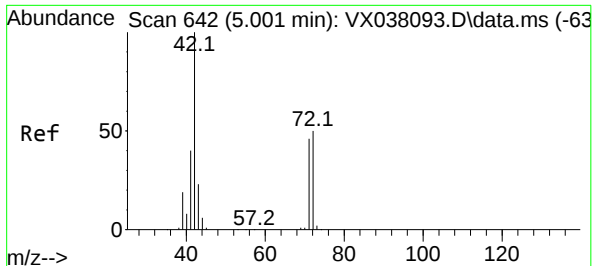


#28
 Bromochloromethane
 Concen: 54.220 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX038106.D
 Acq: 05 Oct 2023 17:17

Tgt Ion: 49 Resp: 69081

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.8
130	81.2	57.5	86.3





#29

Tetrahydrofuran

Concen: 260.703 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

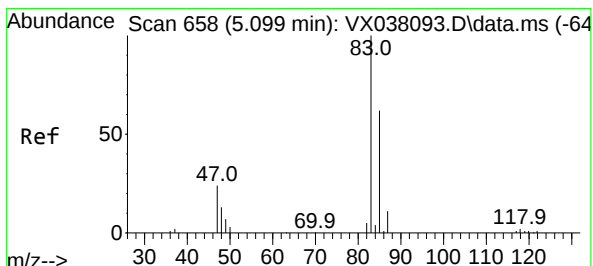
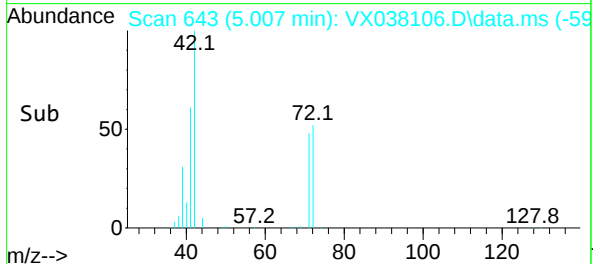
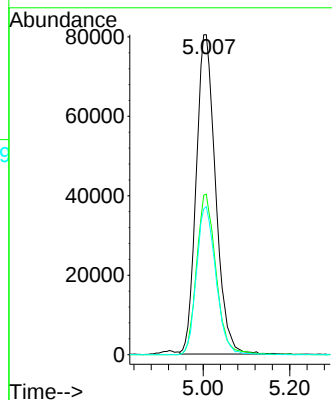
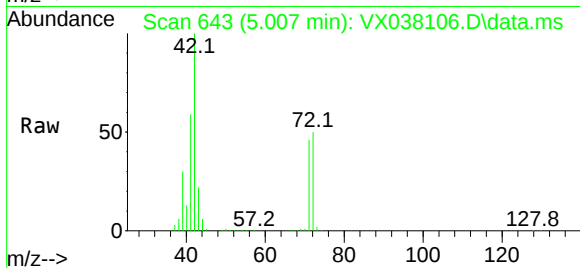
Tgt Ion: 42 Resp: 249275

Ion Ratio Lower Upper

42 100

72 50.3 34.2 51.4

71 46.6 32.2 48.2



#30

Chloroform

Concen: 54.186 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX038106.D

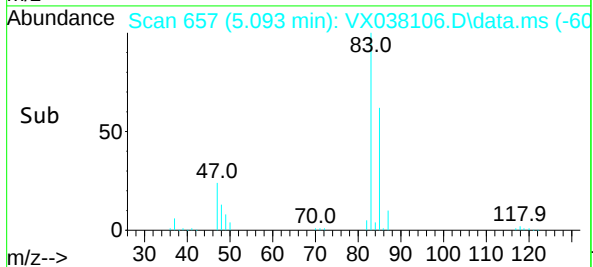
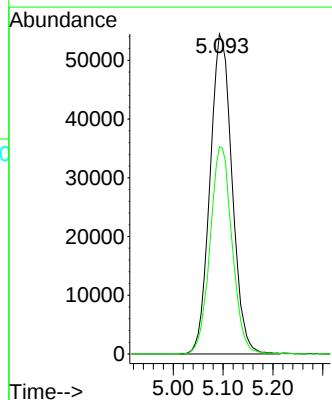
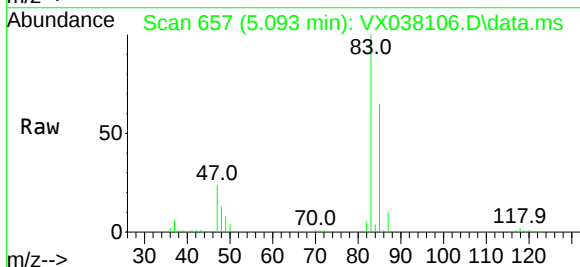
Acq: 05 Oct 2023 17:17

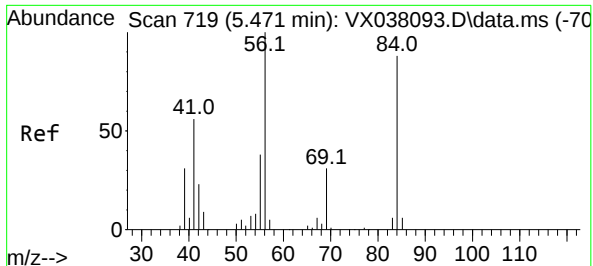
Tgt Ion: 83 Resp: 167237

Ion Ratio Lower Upper

83 100

85 64.8 50.3 75.5

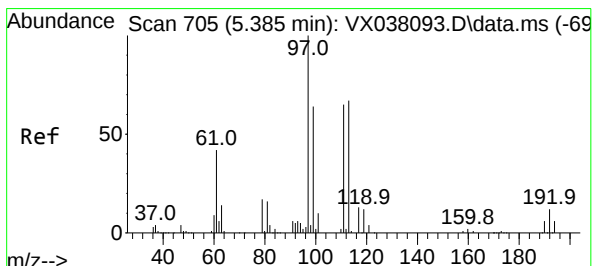
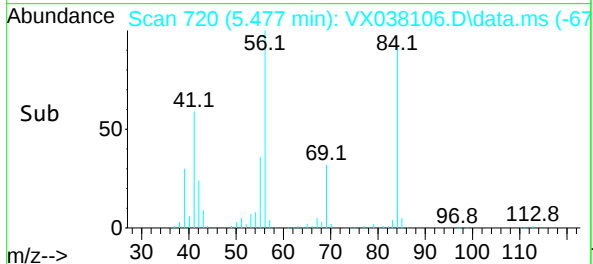
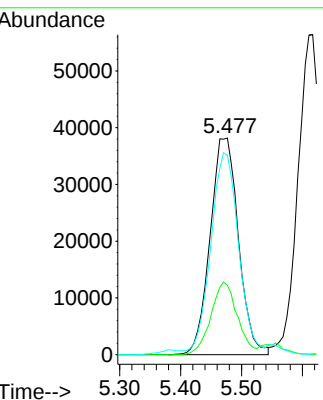
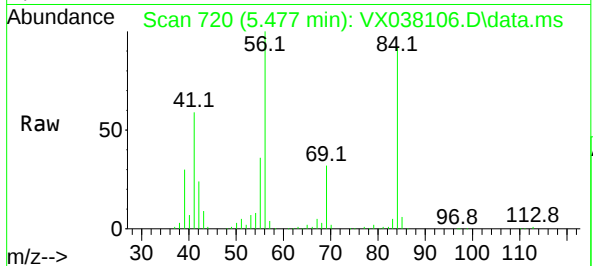




#31
Cyclohexane
Concen: 52.293 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

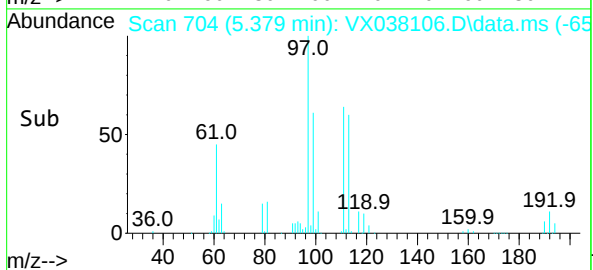
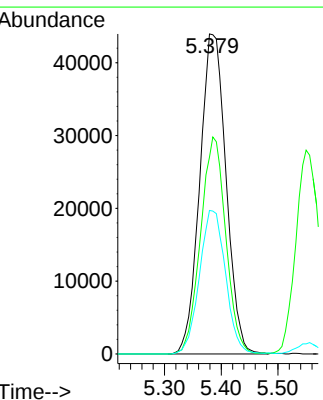
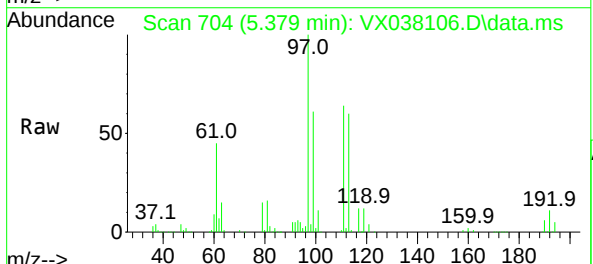
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

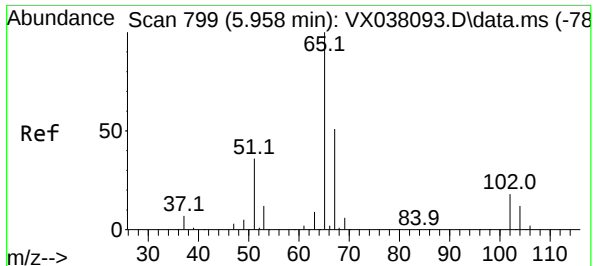
Tgt Ion: 56 Resp: 123564
Ion Ratio Lower Upper
56 100
69 31.9 23.4 35.2
84 89.8 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 53.529 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 97 Resp: 141507
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 44.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.815 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

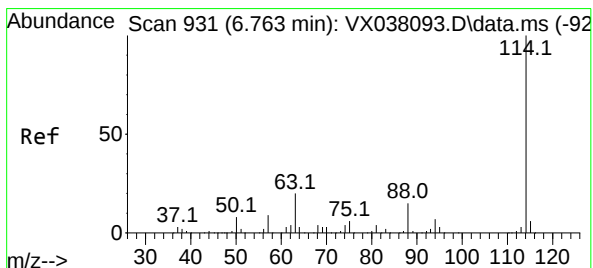
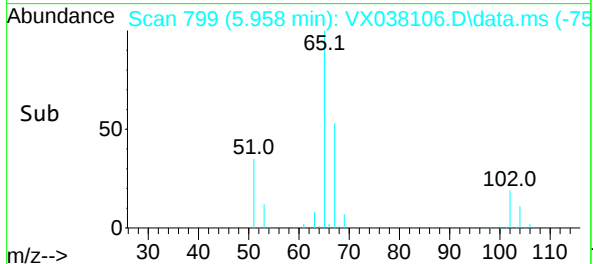
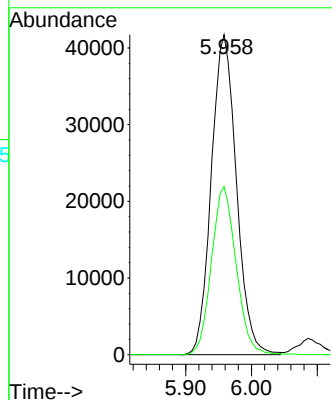
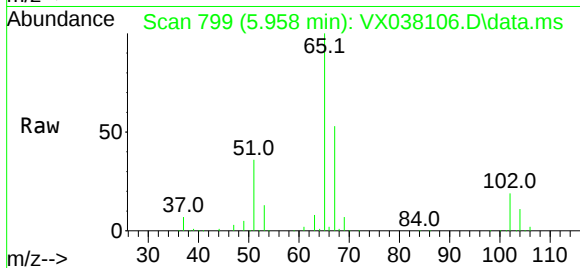
VSTDCCC050EC

Tgt Ion: 65 Resp: 110825

Ion Ratio Lower Upper

65 100

67 51.6 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: VX038106.D

Acq: 05 Oct 2023 17:17

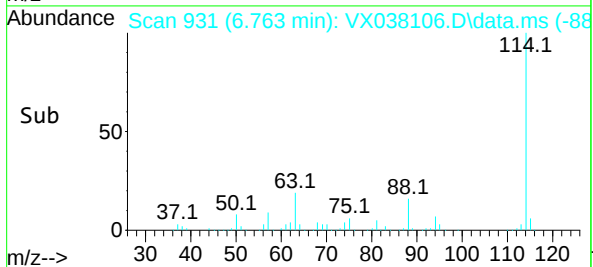
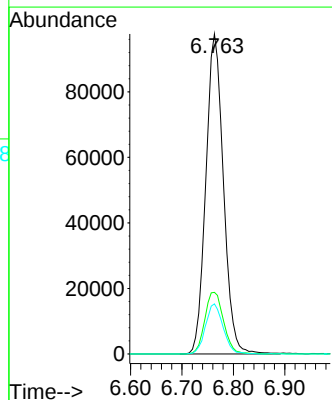
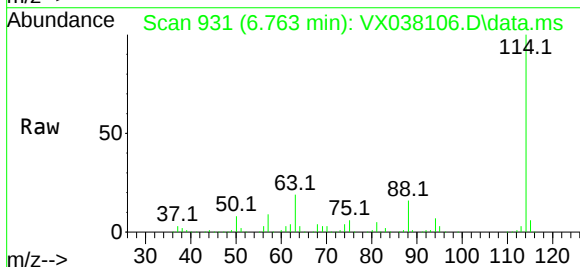
Tgt Ion: 114 Resp: 232184

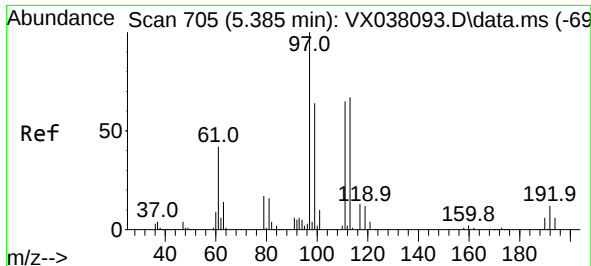
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

88 15.7 0.0 36.6

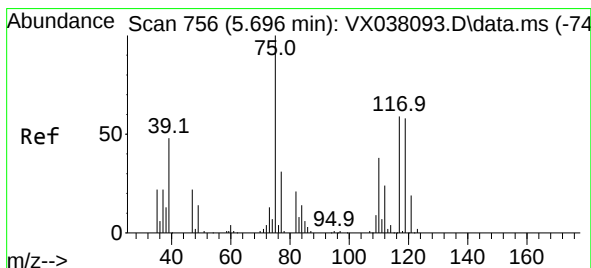
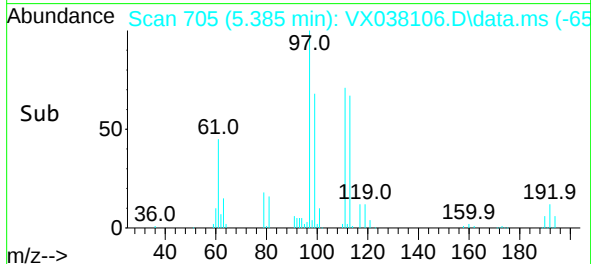
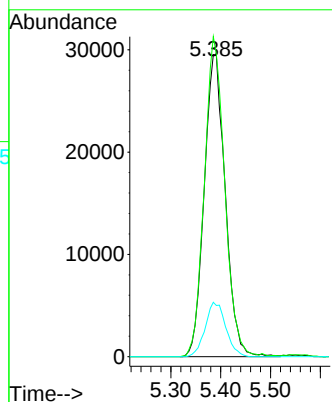
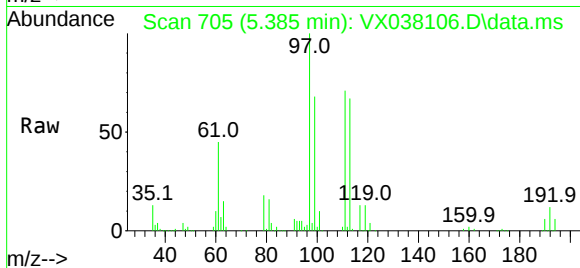




#35
Dibromofluoromethane
Concen: 51.698 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

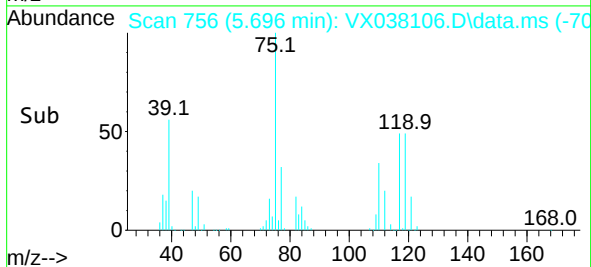
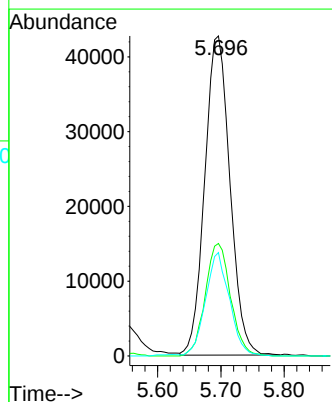
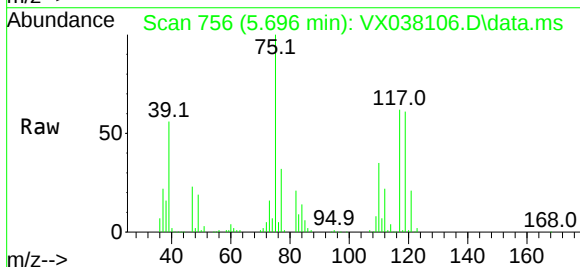
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

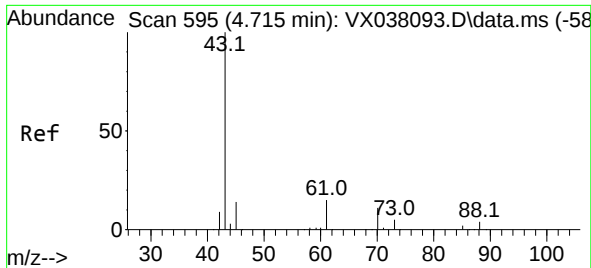
Tgt Ion:113 Resp: 86493
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 17.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 51.250 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 75 Resp: 118237
Ion Ratio Lower Upper
75 100
110 35.4 17.0 50.9
77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 52.704 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

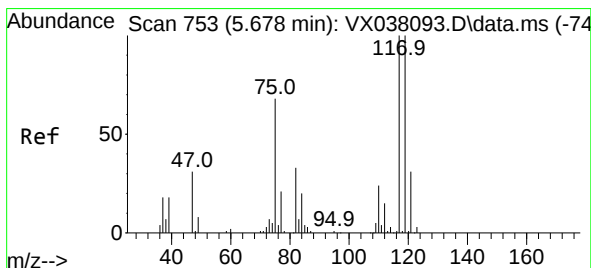
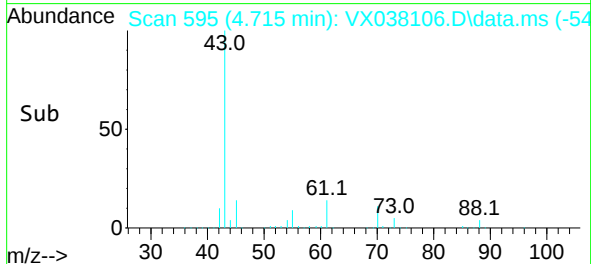
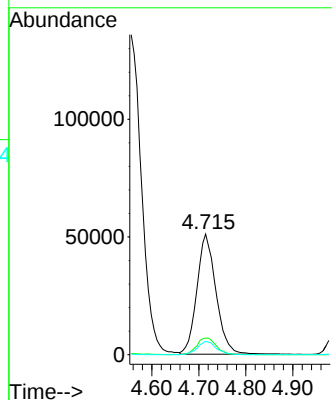
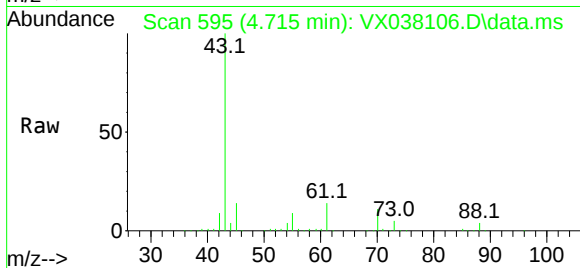
Tgt Ion: 43 Resp: 144407

Ion Ratio Lower Upper

43 100

61 14.5 10.6 16.0

70 10.7 8.3 12.5



#38

Carbon Tetrachloride

Concen: 52.876 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

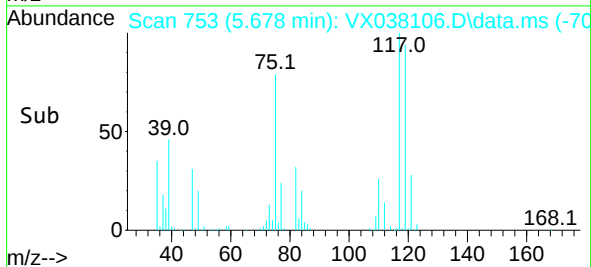
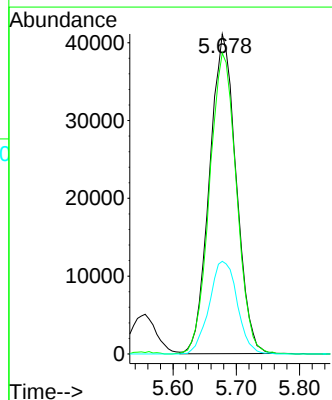
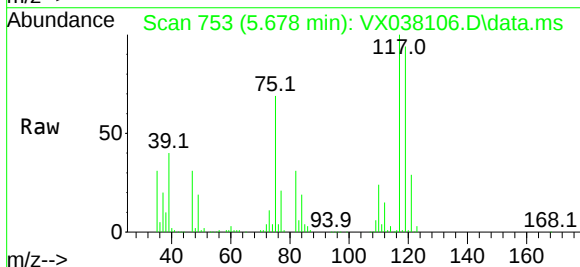
Tgt Ion: 117 Resp: 120006

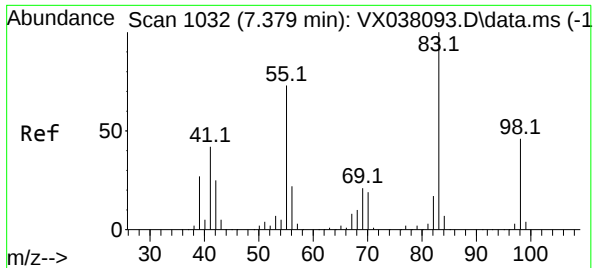
Ion Ratio Lower Upper

117 100

119 94.0 78.2 117.2

121 29.0 24.4 36.6

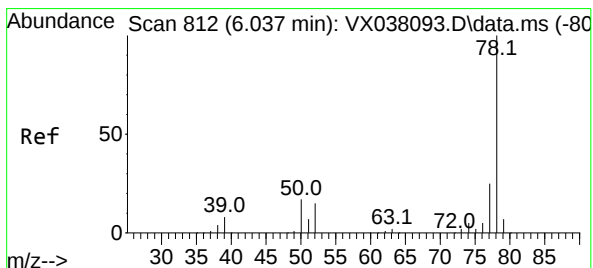
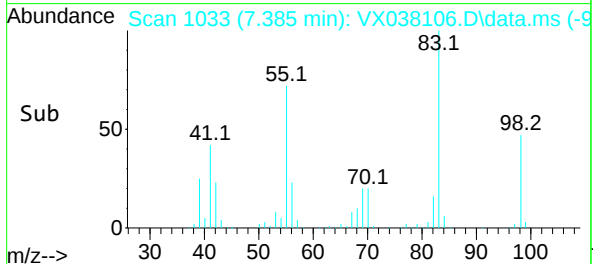
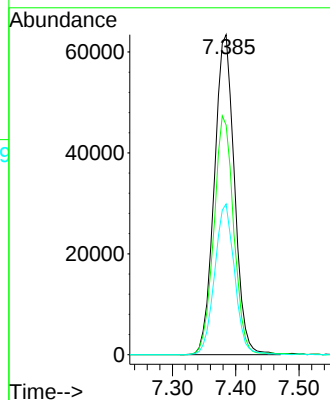
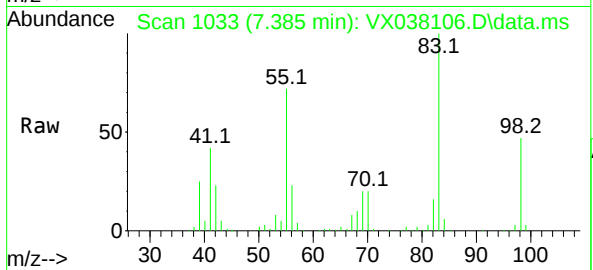




#39
Methylcyclohexane
Concen: 51.779 ug/l
RT: 7.385 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

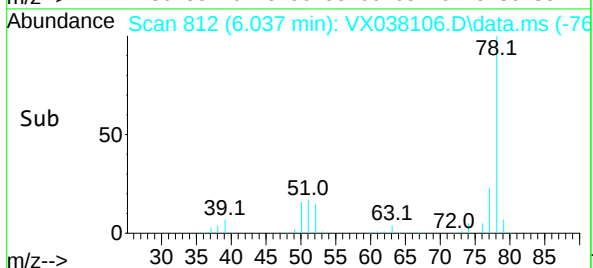
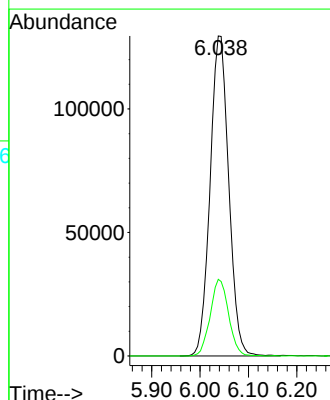
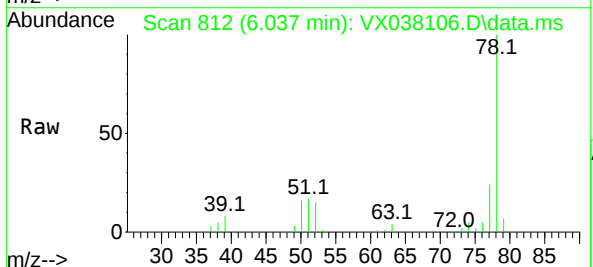
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

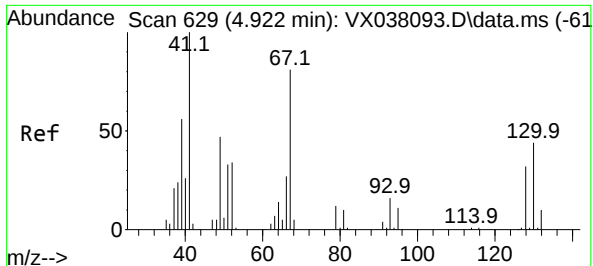
Tgt Ion: 83 Resp: 139924
Ion Ratio Lower Upper
83 100
55 71.8 64.6 97.0
98 47.1 36.7 55.1



#40
Benzene
Concen: 53.736 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 78 Resp: 346746
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

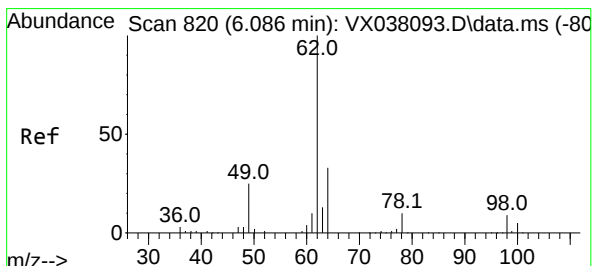
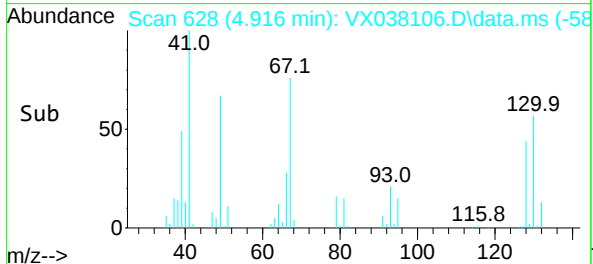
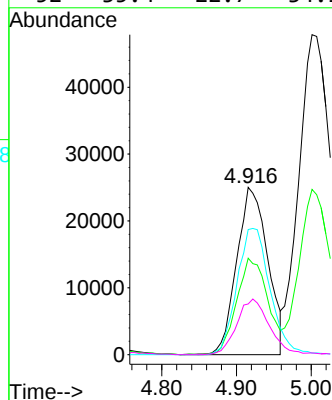
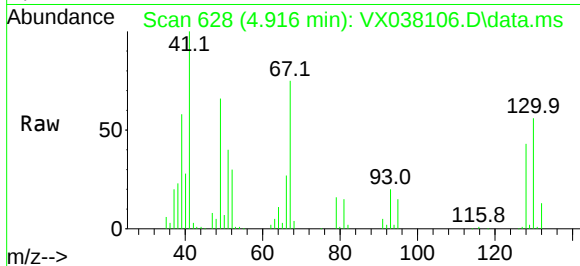




#41
Methacrylonitrile
Concen: 52.968 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

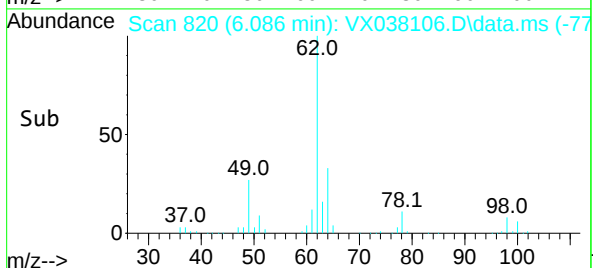
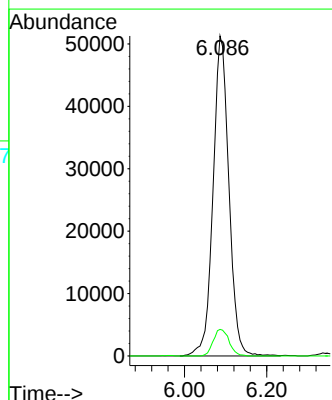
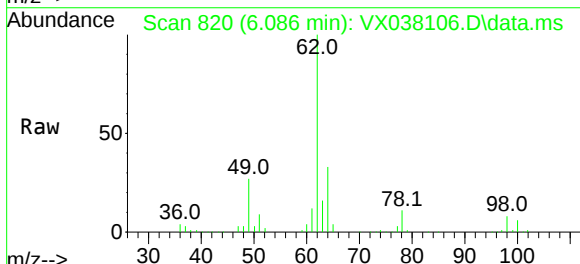
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

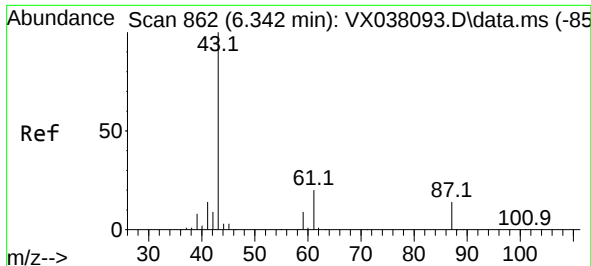
Tgt Ion: 41	Resp: 72197
Ion Ratio	Lower Upper
41 100	
39 57.6	45.2 67.8
67 80.6	52.6 78.8#
52 35.4	22.7 34.1#



#42
1,2-Dichloroethane
Concen: 53.278 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 62	Resp: 137358
Ion Ratio	Lower Upper
62 100	
98 8.3	0.0 16.0

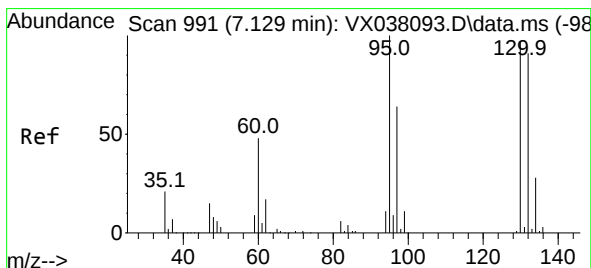
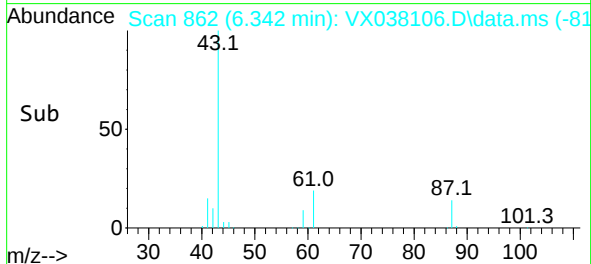
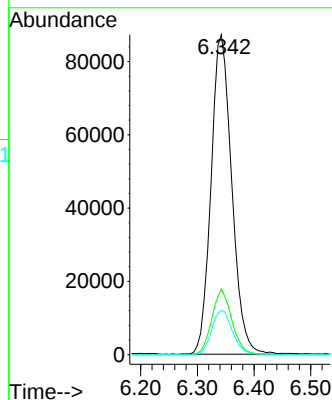
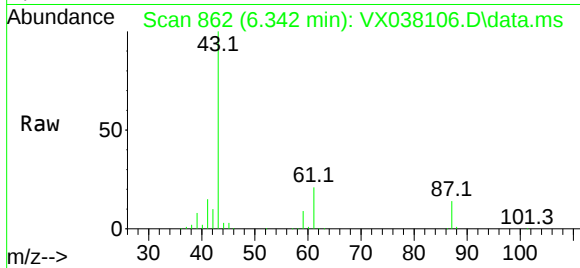




#43
Isopropyl Acetate
Concen: 54.054 ug/l
RT: 6.342 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

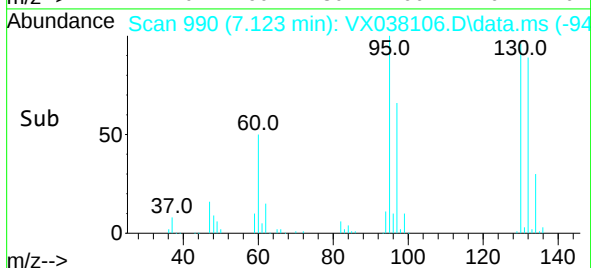
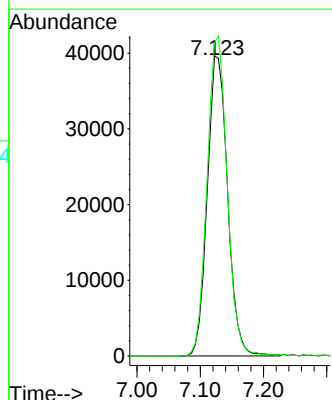
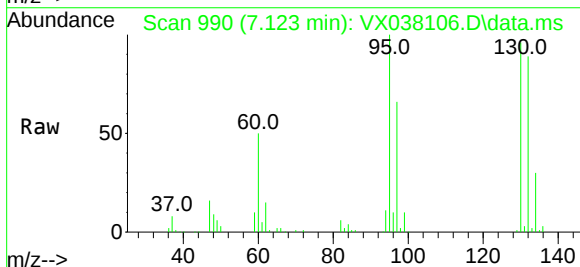
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

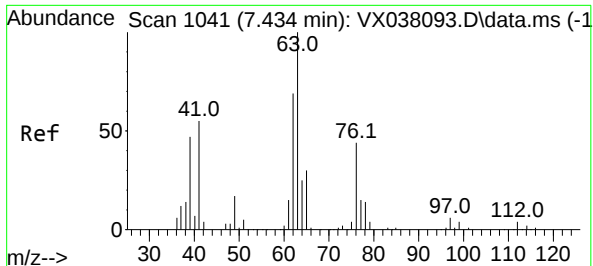
Tgt Ion: 43 Resp: 221097
Ion Ratio Lower Upper
43 100
61 19.9 15.2 22.8
87 14.0 9.8 14.6



#44
Trichloroethene
Concen: 52.488 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion:130 Resp: 88585
Ion Ratio Lower Upper
130 100
95 104.4 0.0 204.4





#45

1,2-Dichloropropane

Concen: 53.756 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

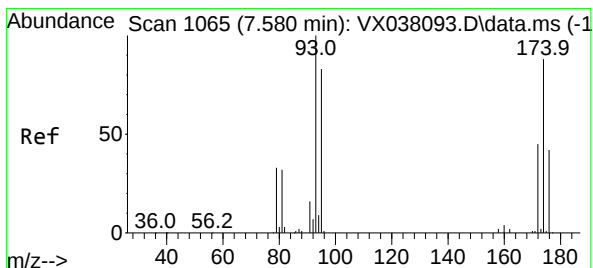
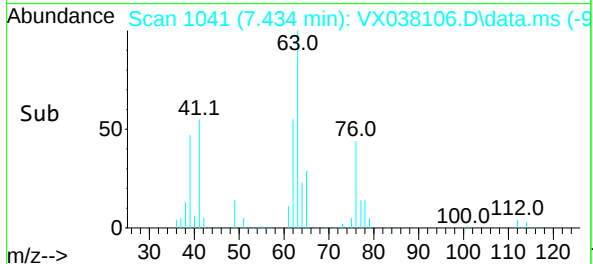
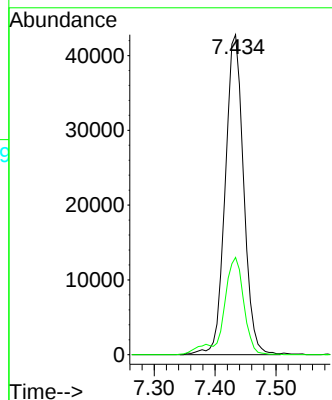
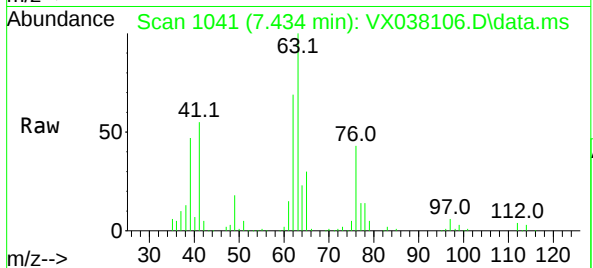
VSTDCCC050EC

Tgt Ion: 63 Resp: 89778

Ion Ratio Lower Upper

63 100

65 30.3 24.3 36.5



#46

Dibromomethane

Concen: 53.126 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

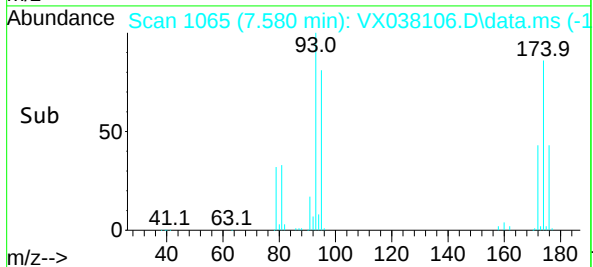
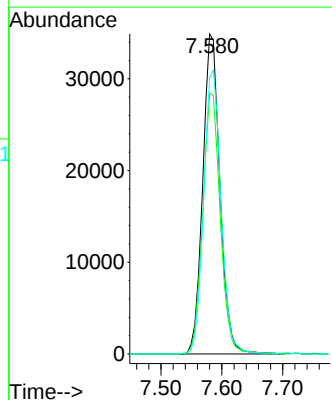
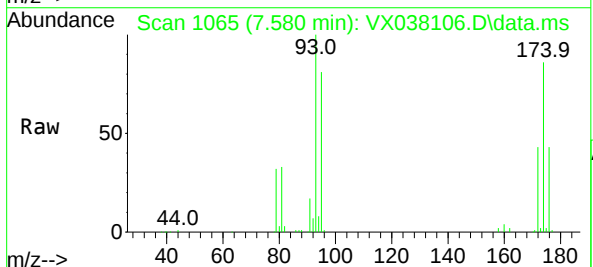
Tgt Ion: 93 Resp: 68815

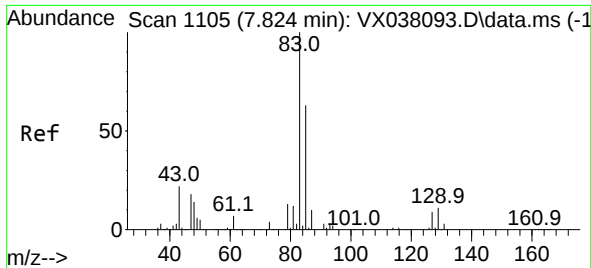
Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

174 89.2 69.4 104.0

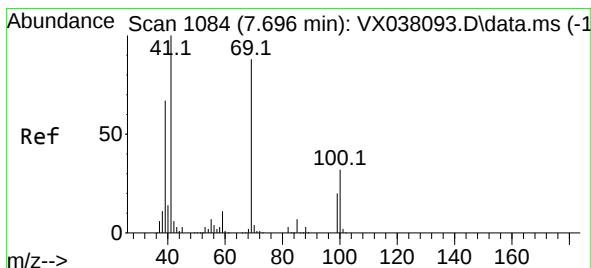
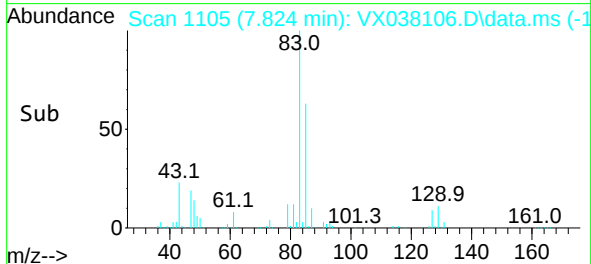
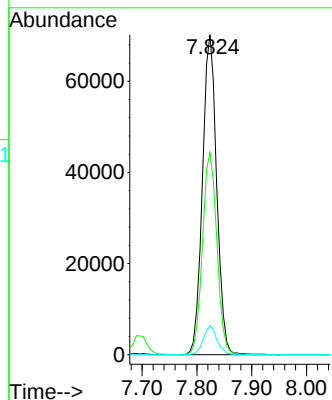
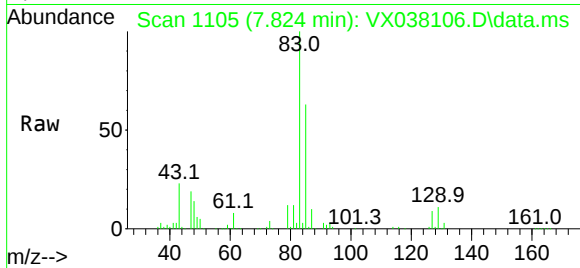




#47
Bromodichloromethane
Concen: 54.844 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

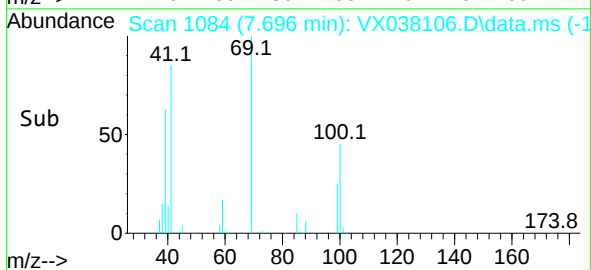
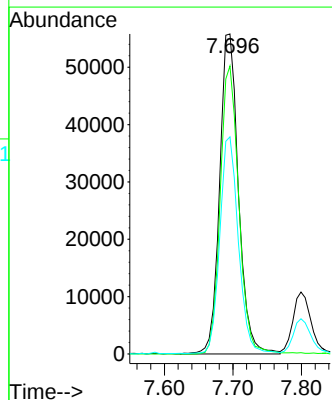
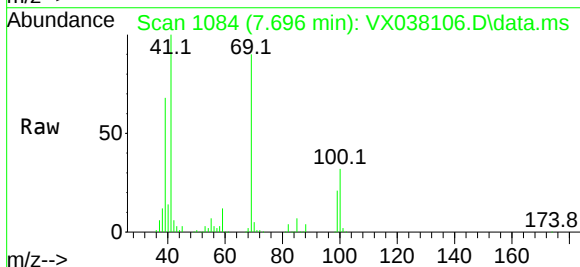
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

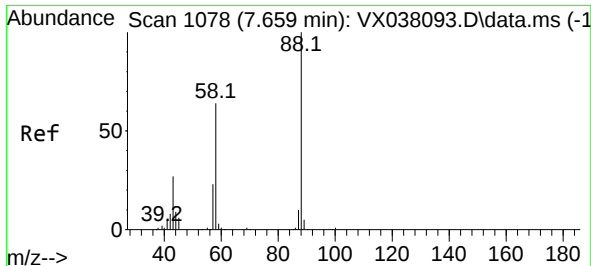
Tgt Ion: 83 Resp: 126378
Ion Ratio Lower Upper
83 100
85 63.2 49.8 74.6
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 54.490 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 41 Resp: 106401
Ion Ratio Lower Upper
41 100
69 88.7 59.2 88.8
39 66.5 47.7 71.5





#49

1,4-Dioxane

Concen: 1027.292 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

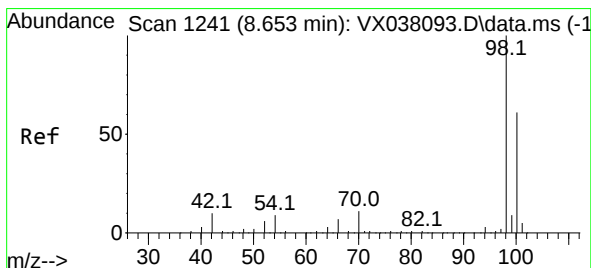
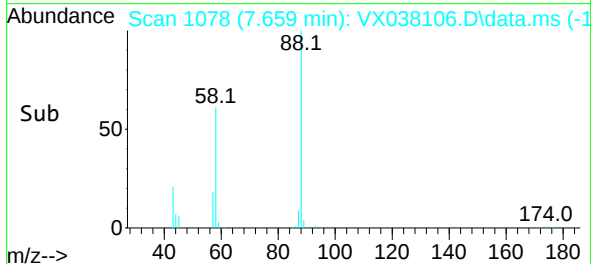
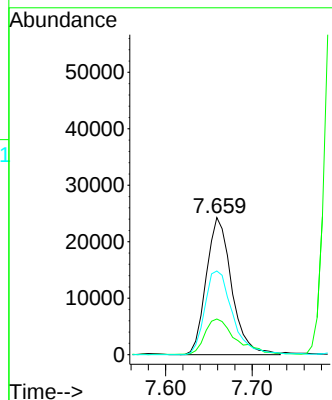
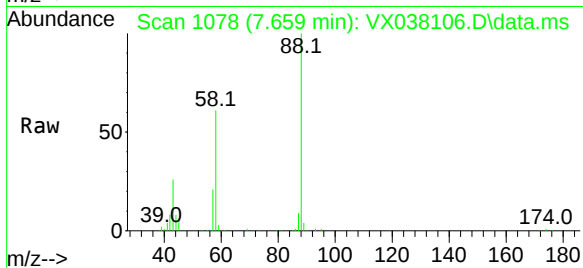
Tgt Ion: 88 Resp: 49431

Ion Ratio Lower Upper

88 100

43 31.3 0.0 0.0#

58 66.9 60.1 90.1



#50

Toluene-d8

Concen: 51.950 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX038106.D

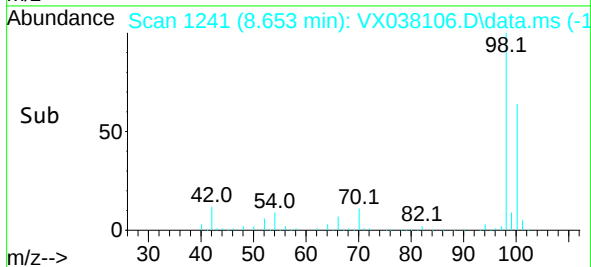
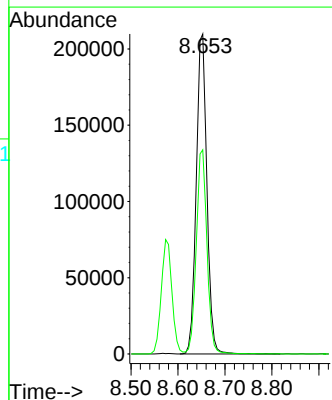
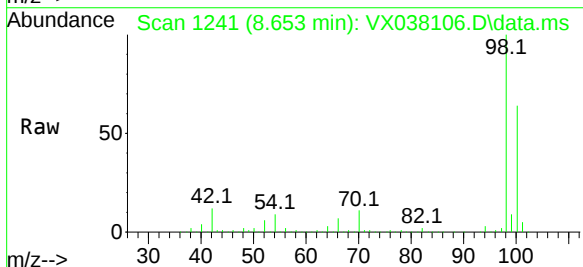
Acq: 05 Oct 2023 17:17

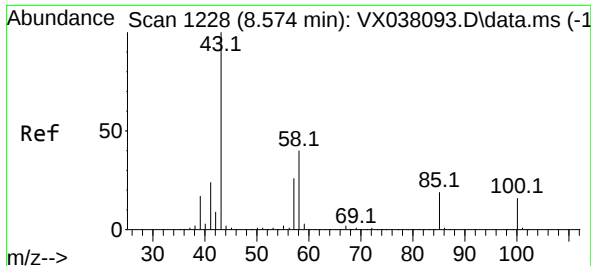
Tgt Ion: 98 Resp: 332123

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 269.188 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

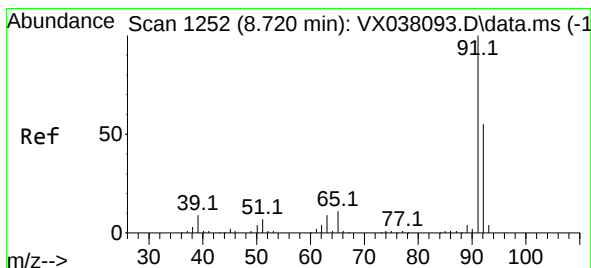
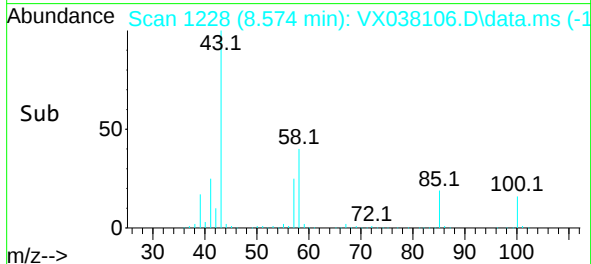
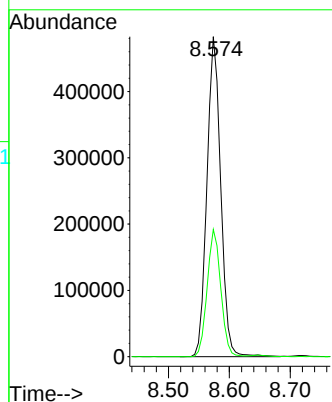
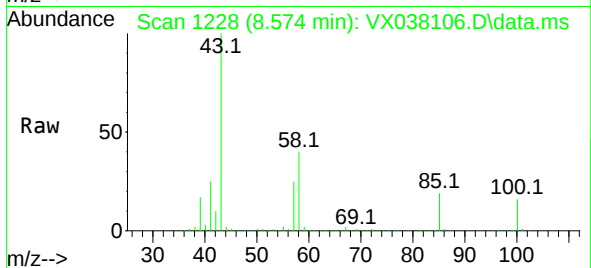
VSTDCCC050EC

Tgt Ion: 43 Resp: 759471

Ion Ratio Lower Upper

43 100

58 39.4 30.4 45.6



#52

Toluene

Concen: 54.364 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX038106.D

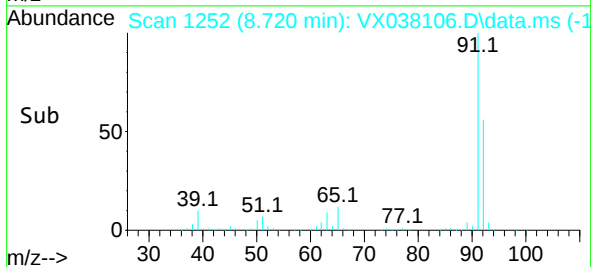
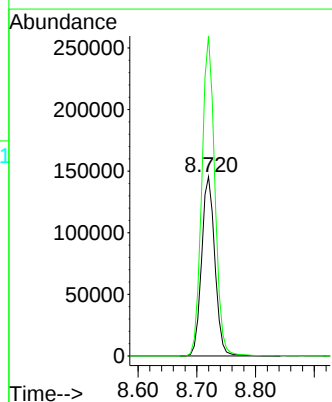
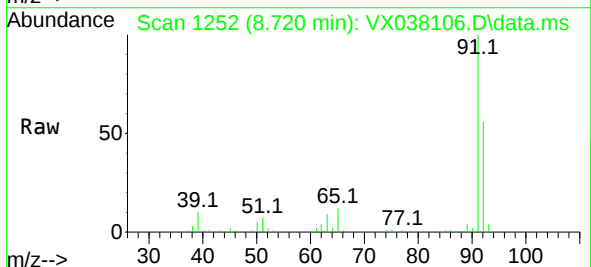
Acq: 05 Oct 2023 17:17

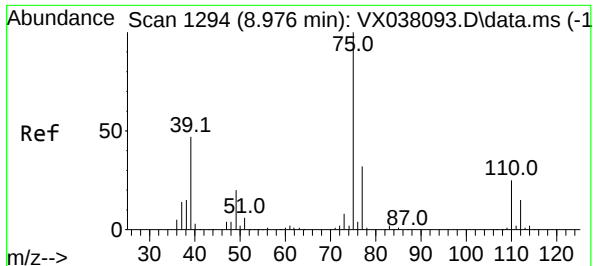
Tgt Ion: 92 Resp: 228515

Ion Ratio Lower Upper

92 100

91 175.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 56.379 ug/l

RT: 8.982 min Scan# 1294

Delta R.T. 0.006 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

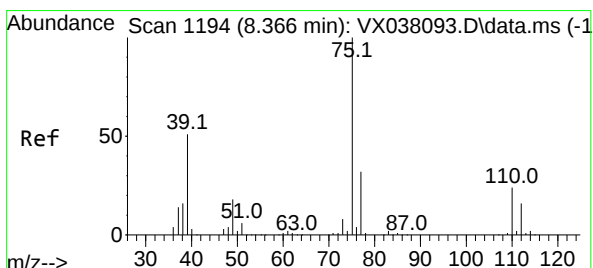
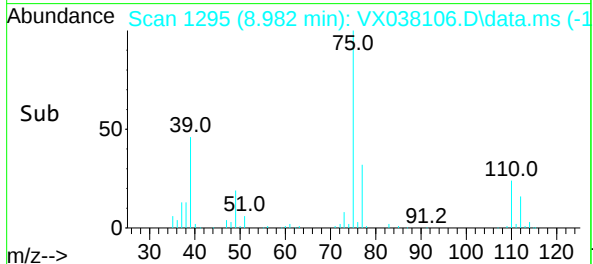
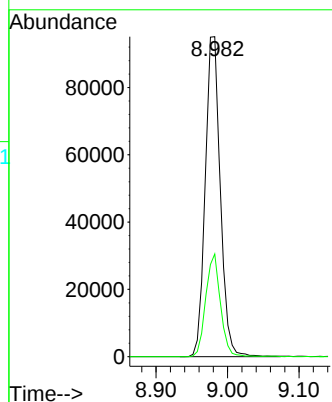
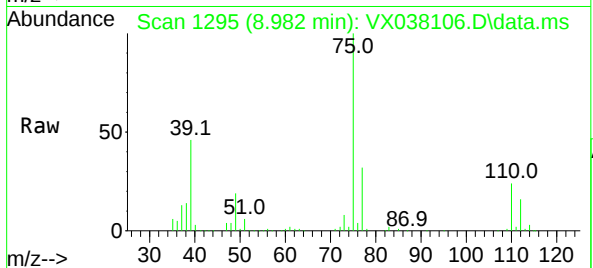
VSTDCCC050EC

Tgt Ion: 75 Resp: 139451

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 55.321 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

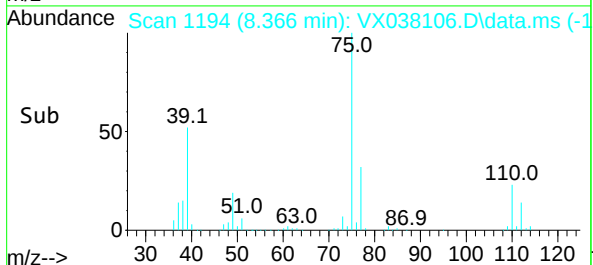
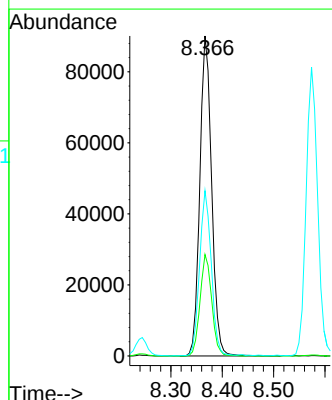
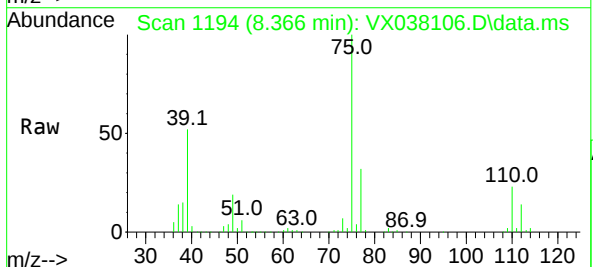
Tgt Ion: 75 Resp: 143763

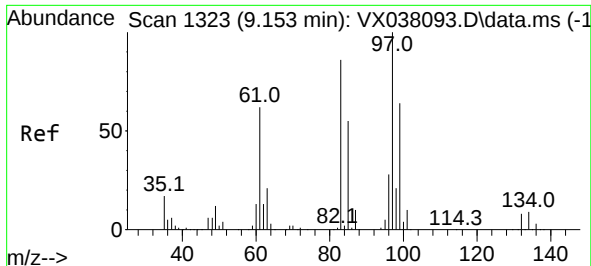
Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

39 51.6 46.7 70.1

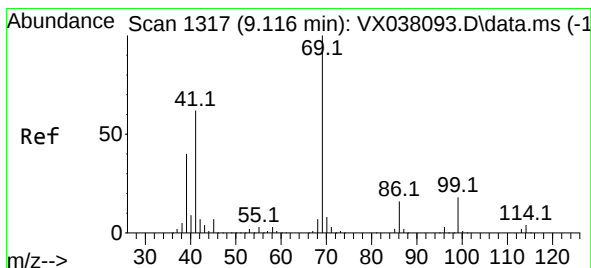
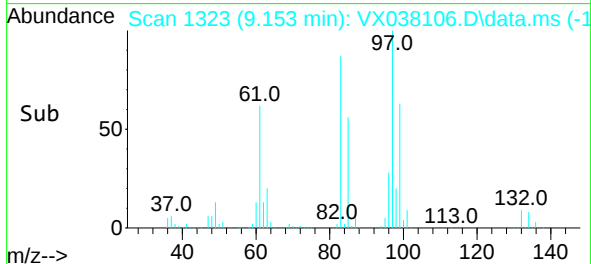
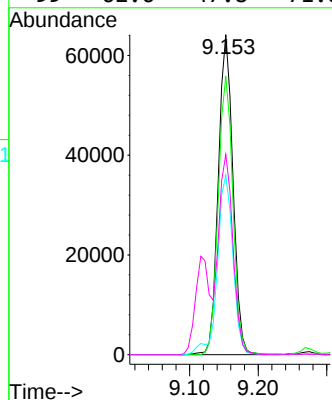
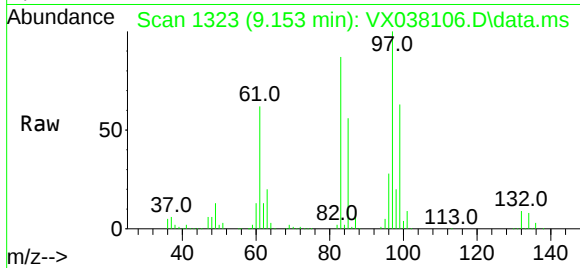




#55
1,1,2-Trichloroethane
Concen: 52.991 ug/l
RT: 9.153 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

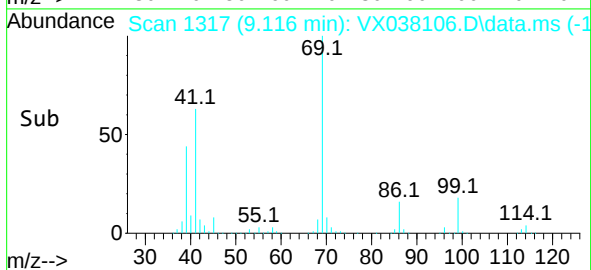
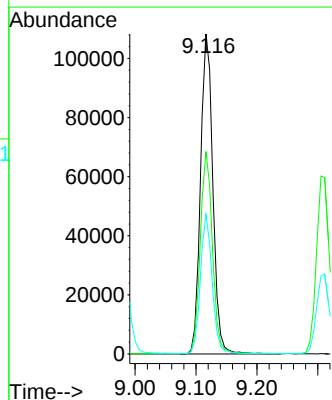
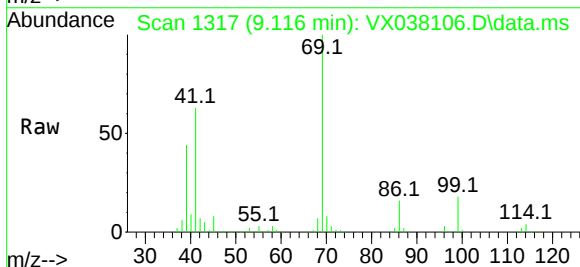
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

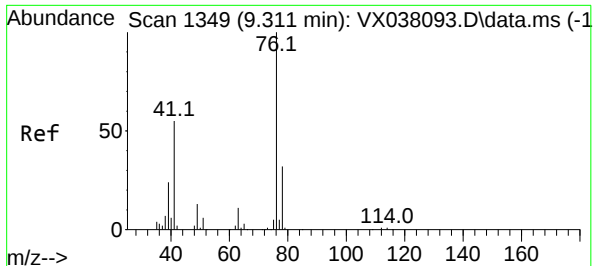
Tgt Ion: 97	Resp: 95273
Ion Ratio	Lower Upper
97 100	
83 87.0	65.8 98.8
85 56.0	41.6 62.4
99 62.6	47.8 71.8



#56
Ethyl methacrylate
Concen: 55.105 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 69	Resp: 151902
Ion Ratio	Lower Upper
69 100	
41 62.2	56.8 85.2
39 41.5	32.0 48.0





#57

1,3-Dichloropropane

Concen: 54.332 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

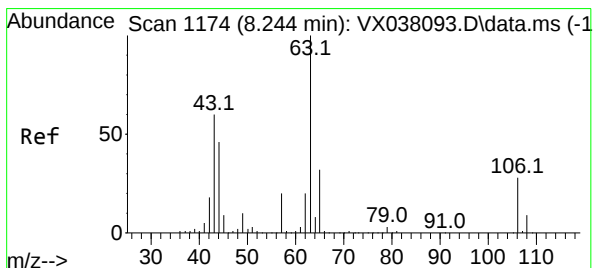
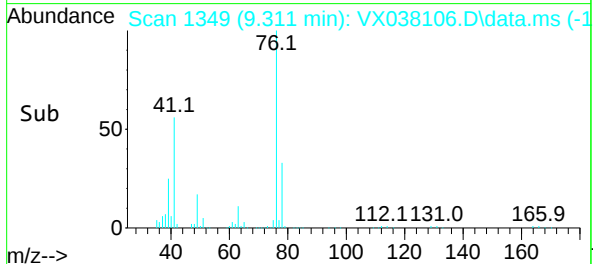
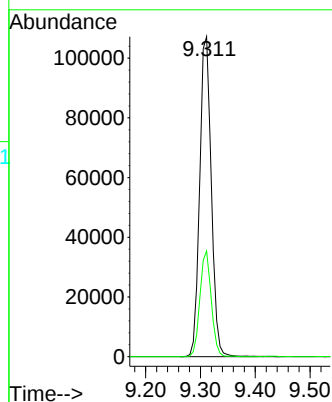
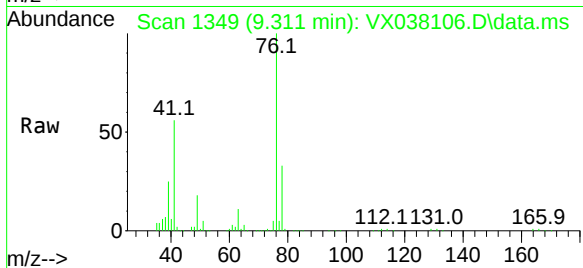
VSTDCCC050EC

Tgt Ion: 76 Resp: 157991

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 261.950 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038106.D

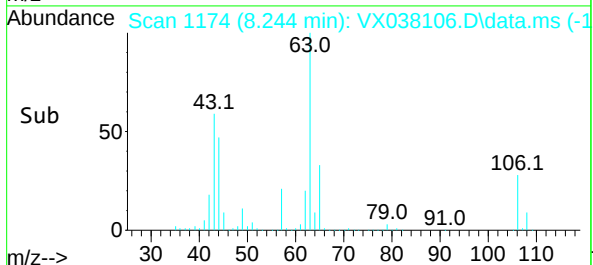
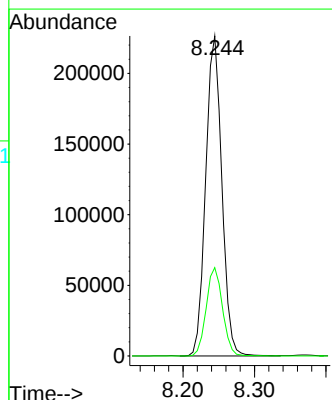
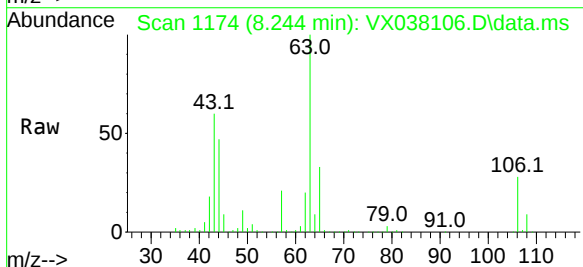
Acq: 05 Oct 2023 17:17

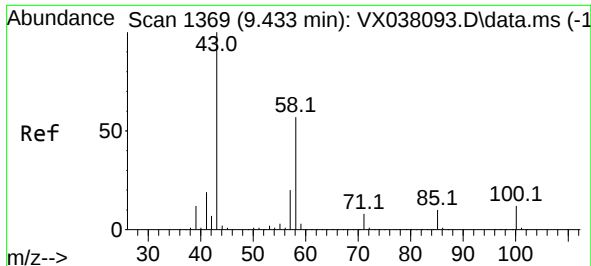
Tgt Ion: 63 Resp: 354444

Ion Ratio Lower Upper

63 100

106 27.9 22.5 33.7





#59

2-Hexanone

Concen: 269.191 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

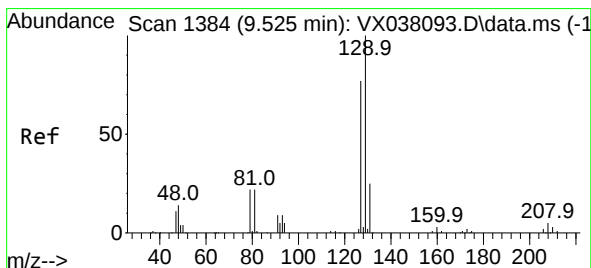
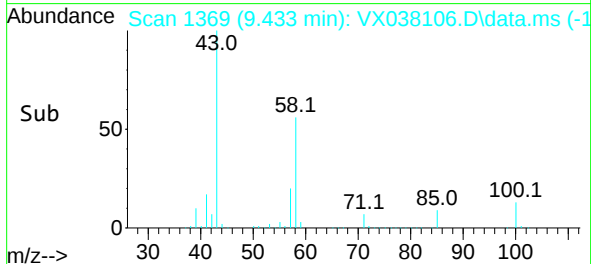
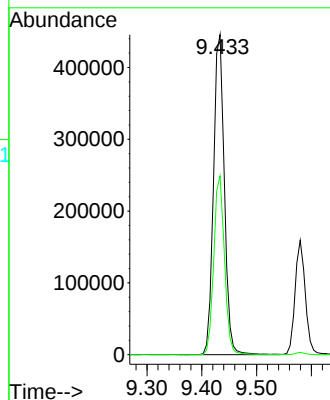
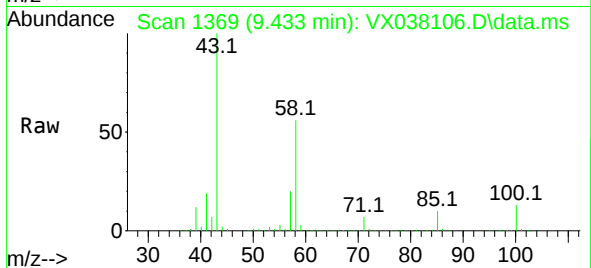
VSTDCCC050EC

Tgt Ion: 43 Resp: 610565

Ion Ratio Lower Upper

43 100

58 55.2 26.2 78.5



#60

Dibromochloromethane

Concen: 56.589 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX038106.D

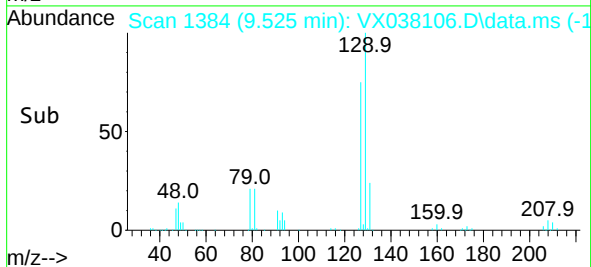
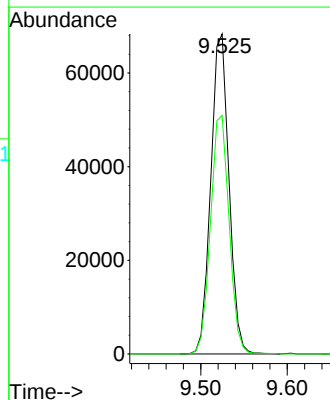
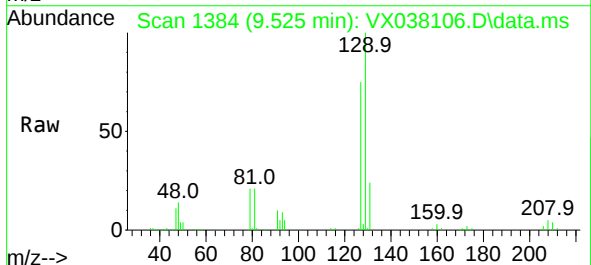
Acq: 05 Oct 2023 17:17

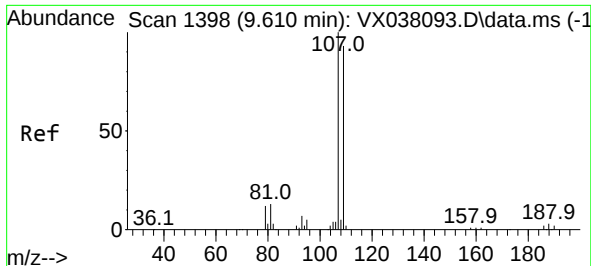
Tgt Ion: 129 Resp: 99576

Ion Ratio Lower Upper

129 100

127 76.5 38.8 116.4

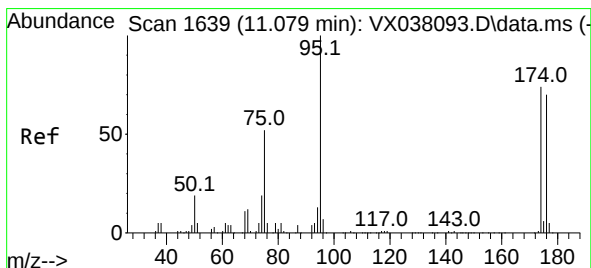
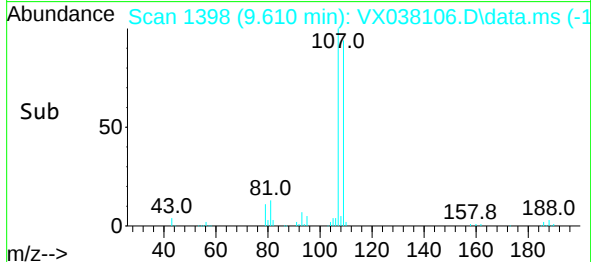
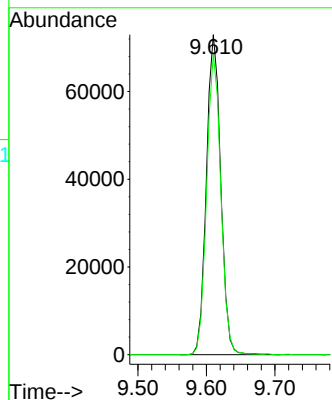
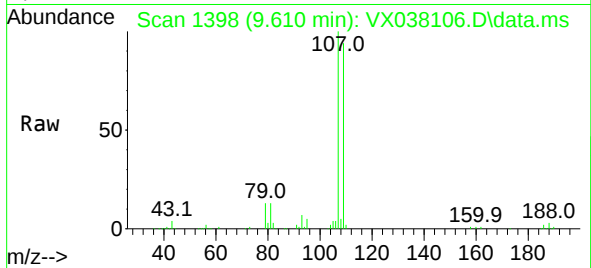




#61
1,2-Dibromoethane
Concen: 54.497 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

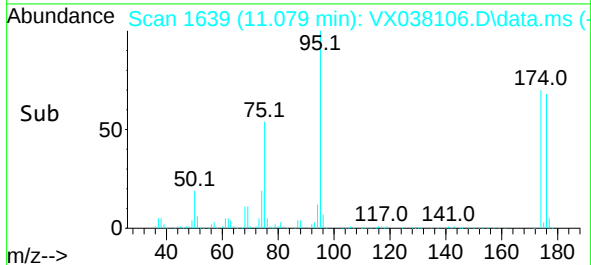
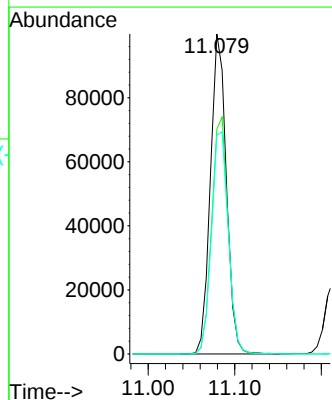
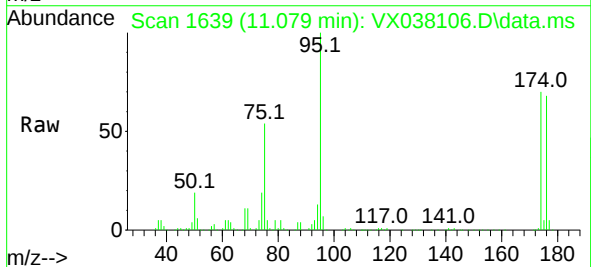
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

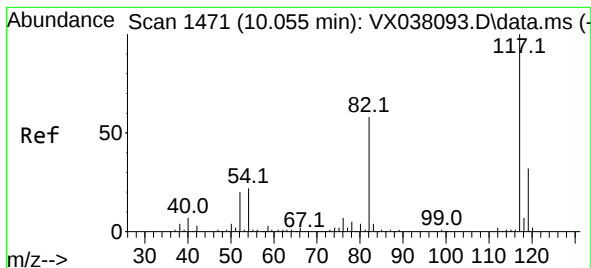
Tgt Ion:107 Resp: 105957
Ion Ratio Lower Upper
107 100
109 93.3 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 52.703 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 95 Resp: 127734
Ion Ratio Lower Upper
95 100
174 76.4 0.0 135.6
176 73.2 0.0 131.0

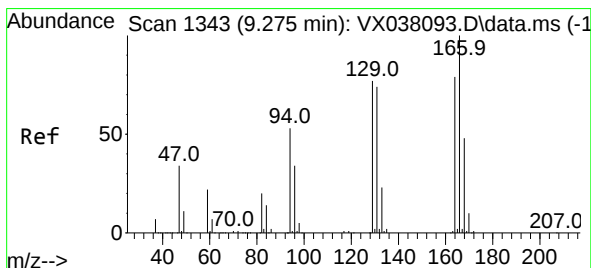
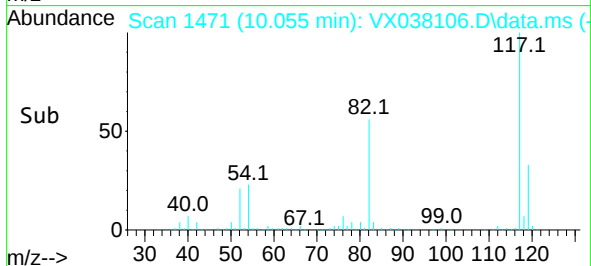
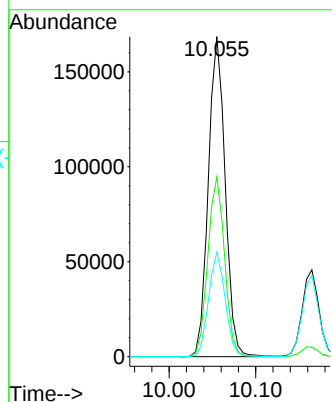
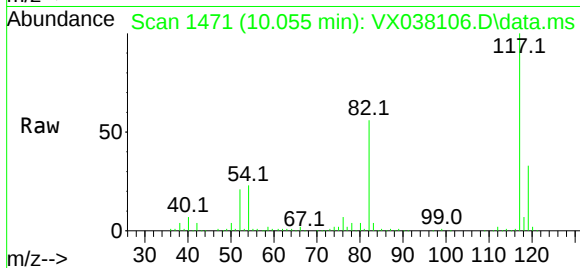




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

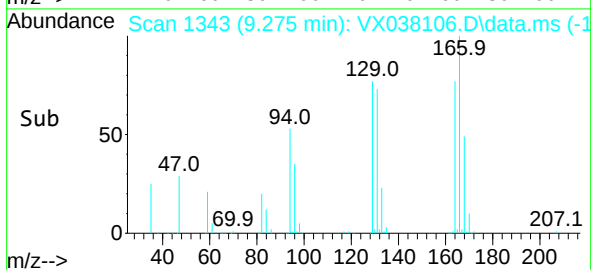
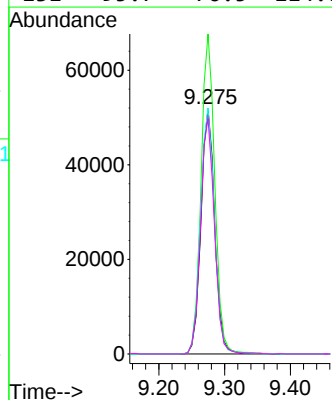
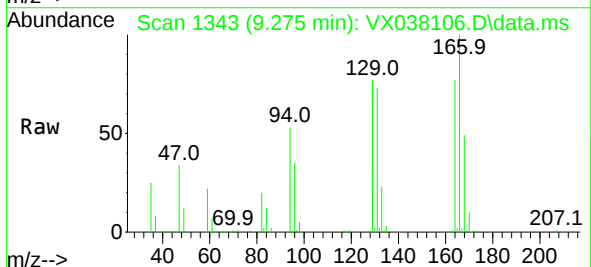
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

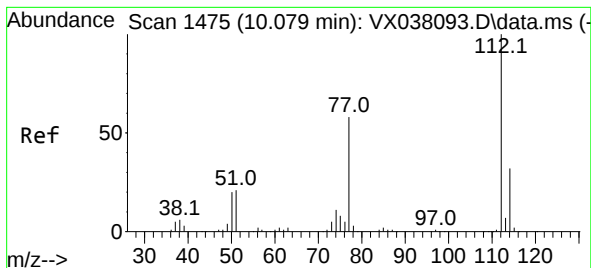
Tgt Ion:117 Resp: 227321
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 51.352 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion:164 Resp: 75570
Ion Ratio Lower Upper
164 100
166 130.3 102.7 154.1
129 100.1 80.4 120.6
131 95.7 76.5 114.7

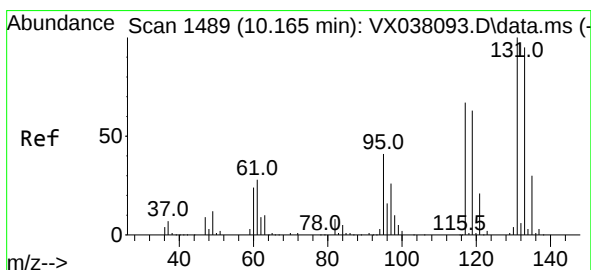
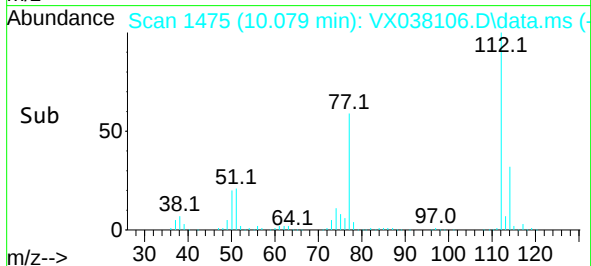
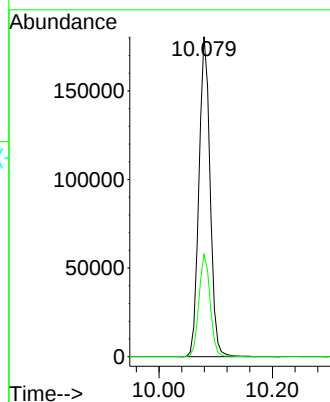
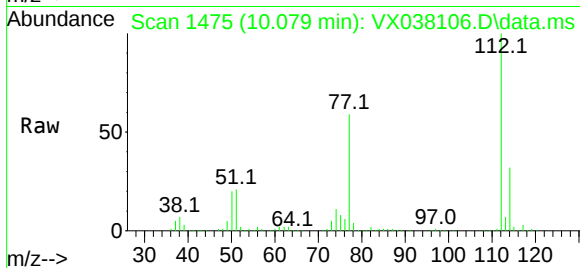




#65
Chlorobenzene
Concen: 51.641 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

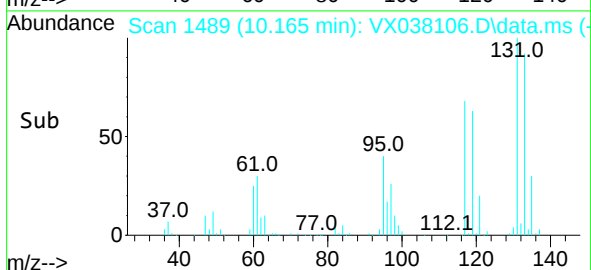
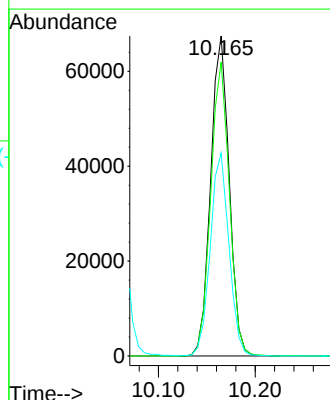
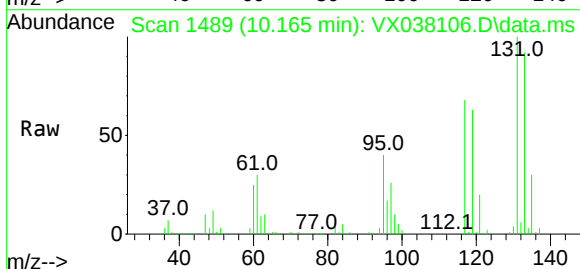
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

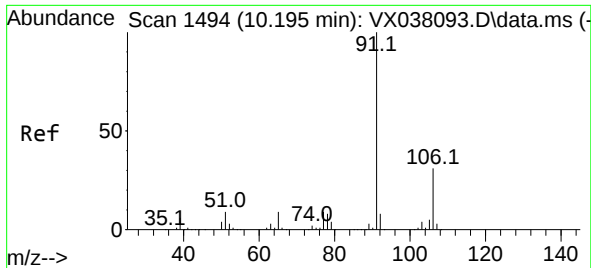
Tgt Ion:112 Resp: 245645
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 55.861 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion:131 Resp: 89854
Ion Ratio Lower Upper
131 100
133 92.5 47.1 141.4
119 64.1 32.2 96.6





#67

Ethyl Benzene

Concen: 52.937 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

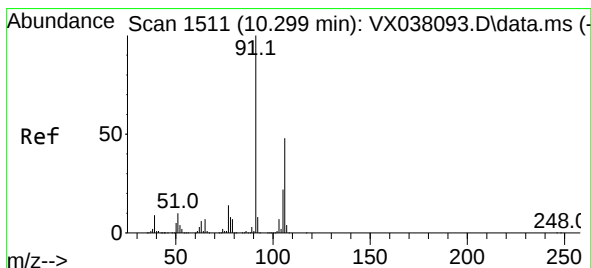
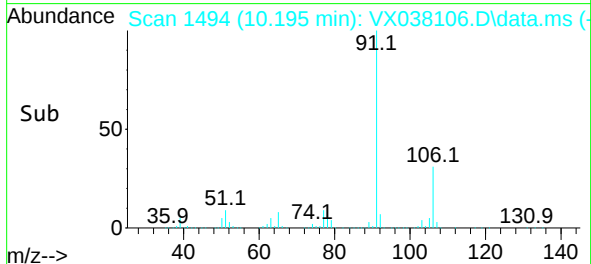
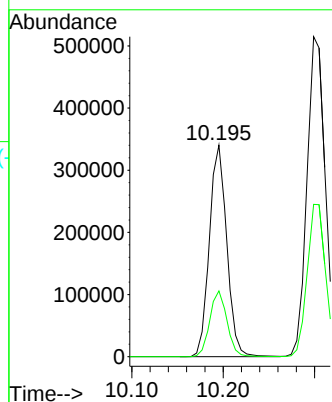
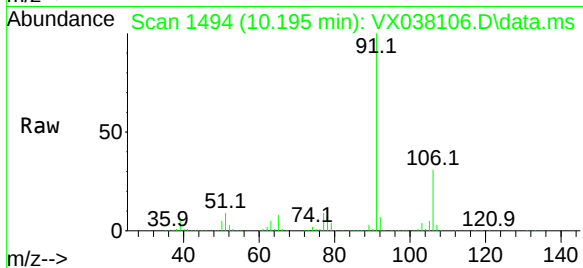
VSTDCCC050EC

Tgt Ion: 91 Resp: 449479

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3



#68

m/p-Xylenes

Concen: 105.308 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX038106.D

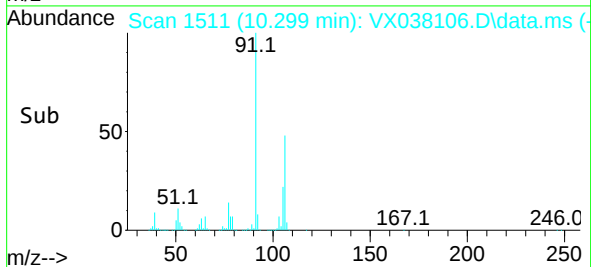
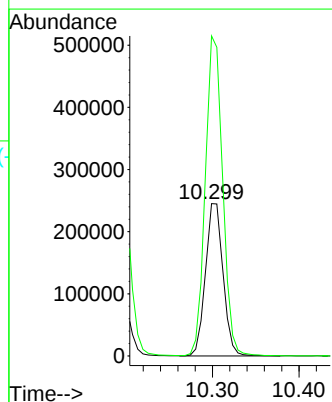
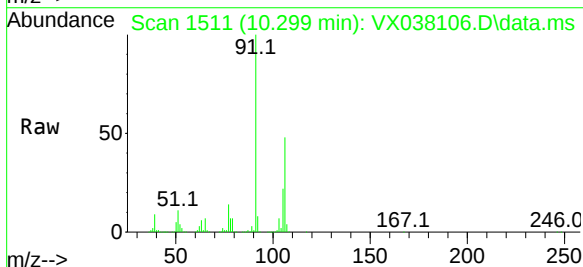
Acq: 05 Oct 2023 17:17

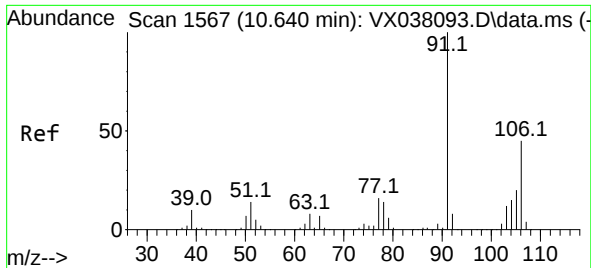
Tgt Ion: 106 Resp: 345737

Ion Ratio Lower Upper

106 100

91 208.2 165.5 248.3

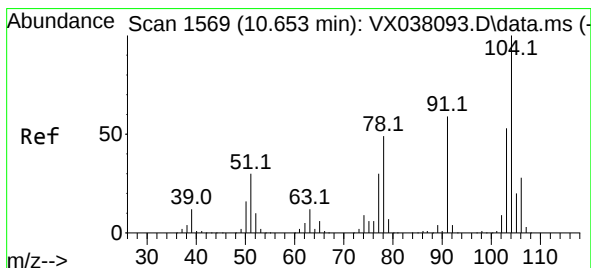
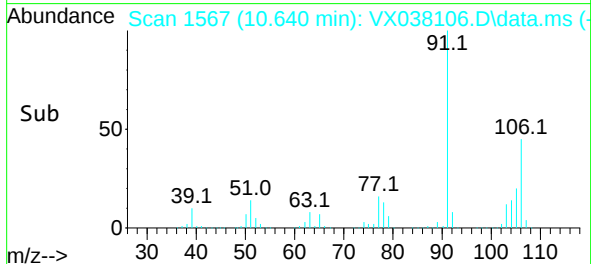
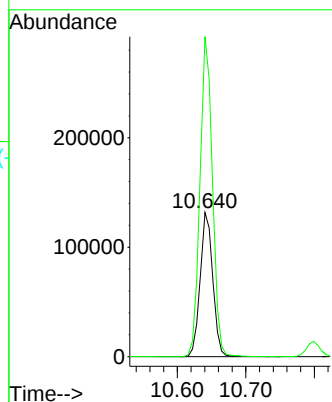
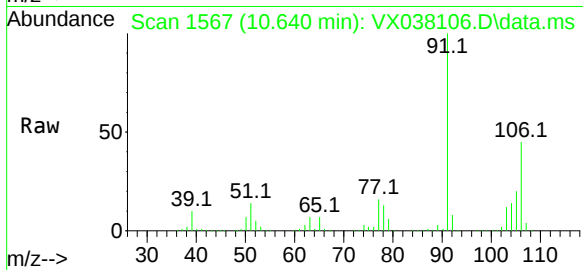




#69
o-Xylene
Concen: 52.773 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

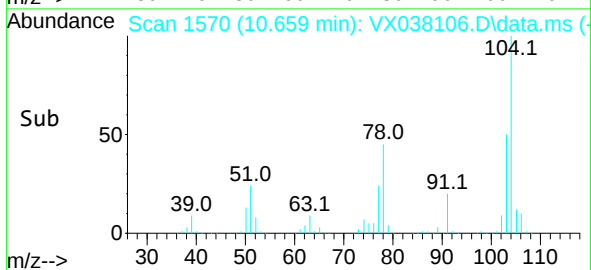
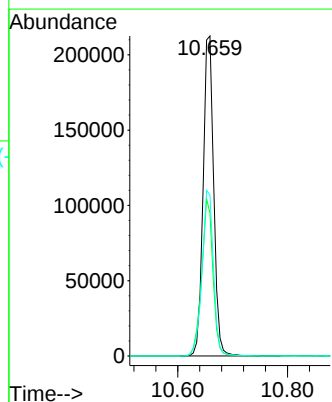
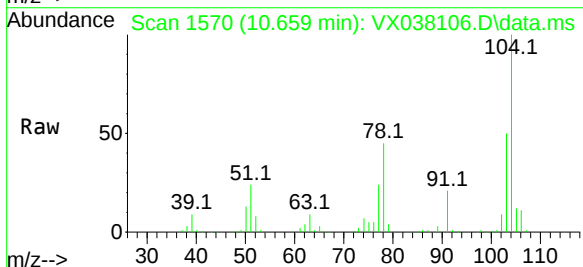
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

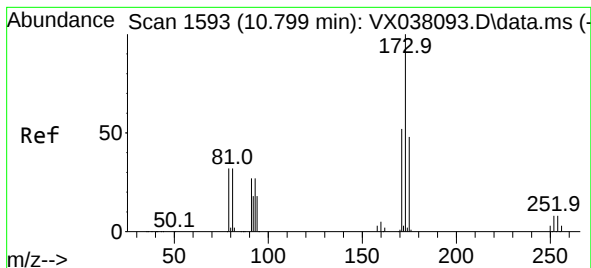
Tgt Ion:106 Resp: 169100
Ion Ratio Lower Upper
106 100
91 219.6 108.9 326.8



#70
Styrene
Concen: 54.620 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion:104 Resp: 285020
Ion Ratio Lower Upper
104 100
78 52.3 43.6 65.4
103 55.8 43.6 65.4





#71

Bromoform

Concen: 48.740 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

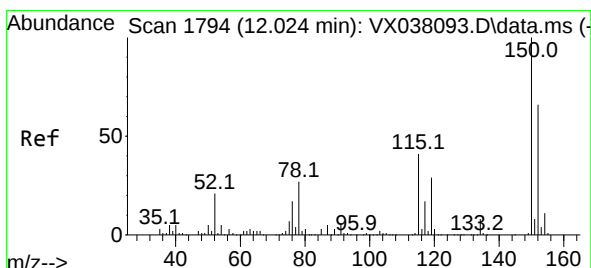
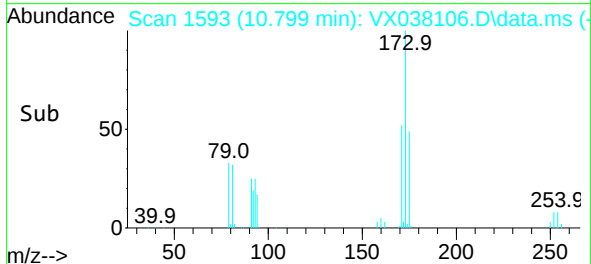
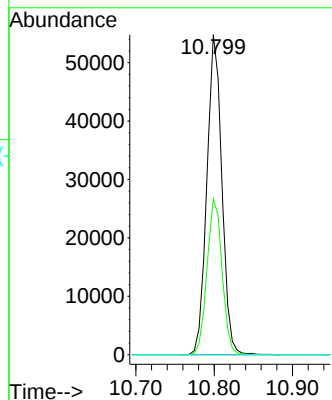
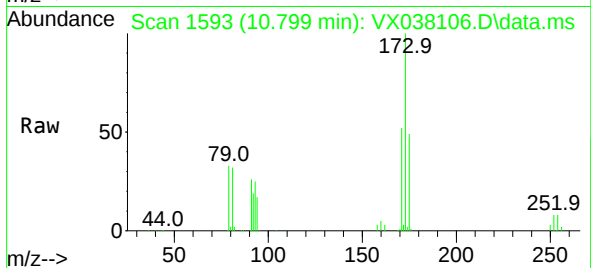
Tgt Ion:173 Resp: 72615

Ion Ratio Lower Upper

173 100

175 48.9 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. 0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

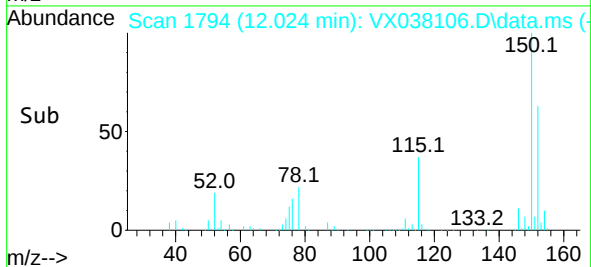
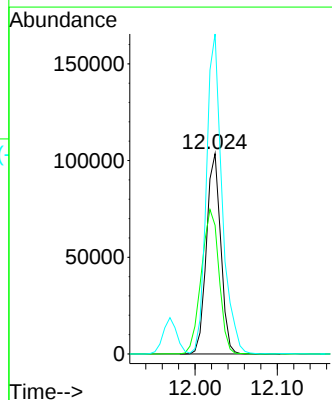
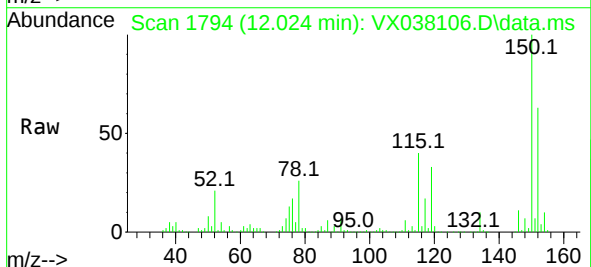
Tgt Ion:152 Resp: 125062

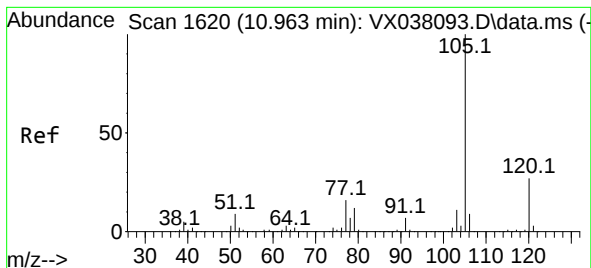
Ion Ratio Lower Upper

152 100

115 89.5 43.3 129.9

150 175.2 0.0 345.0





#73

Isopropylbenzene

Concen: 52.898 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

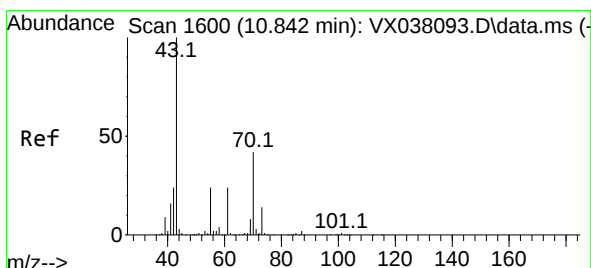
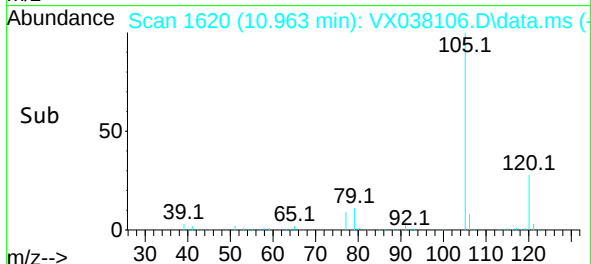
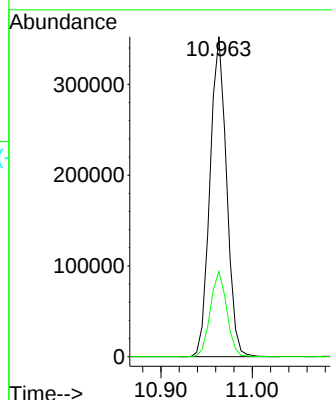
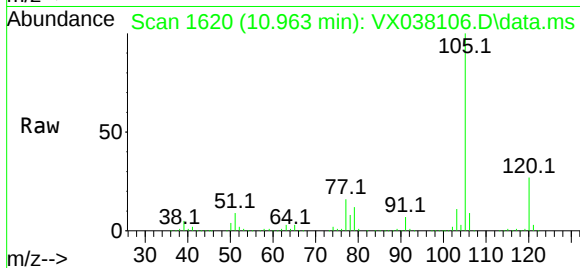
VSTDCCC050EC

Tgt Ion:105 Resp: 443659

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.6



#74

N-ethyl acetate

Concen: 55.917 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Tgt Ion: 43 Resp: 200269

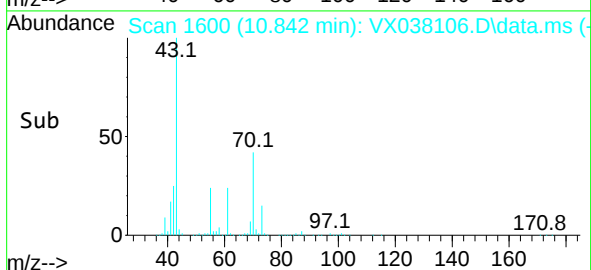
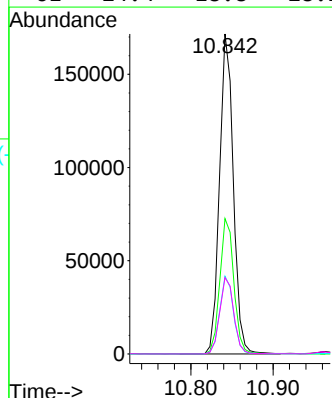
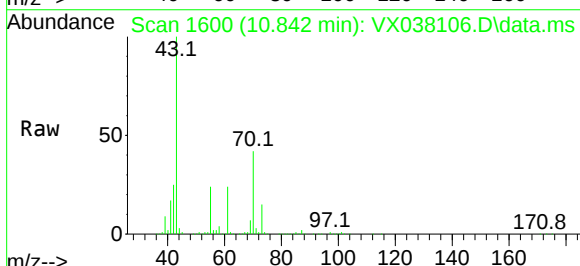
Ion Ratio Lower Upper

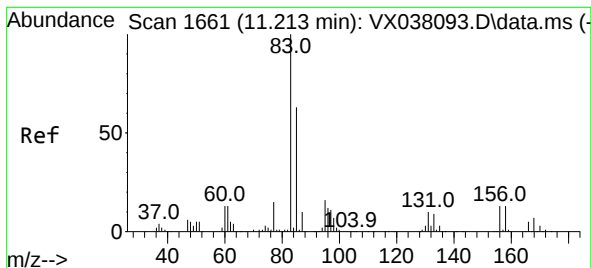
43 100

70 43.2 32.9 49.3

55 24.4 19.3 28.9

61 24.4 18.8 28.2

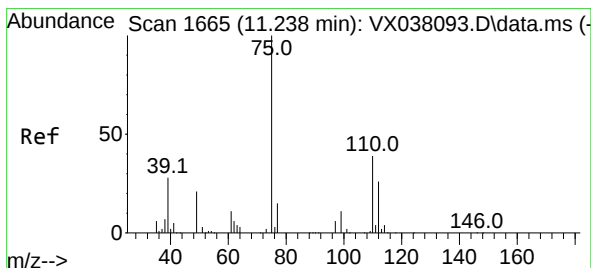
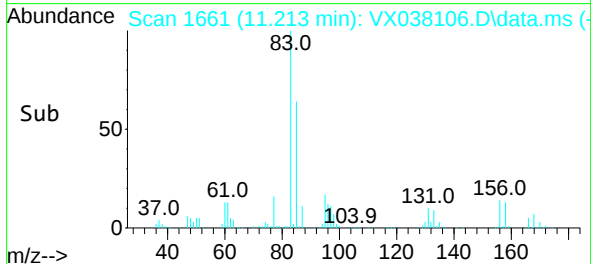
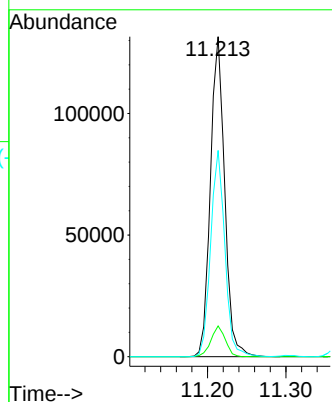
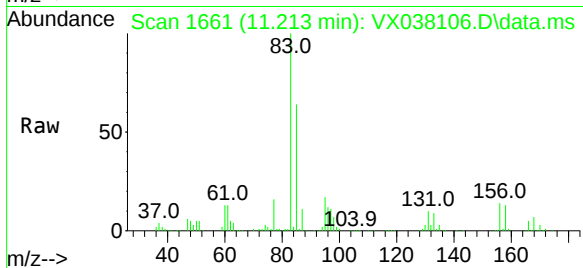




#75
1,1,2,2-Tetrachloroethane
Concen: 53.902 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

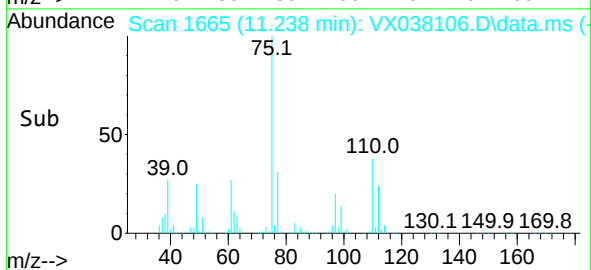
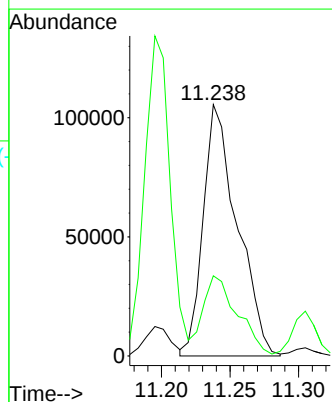
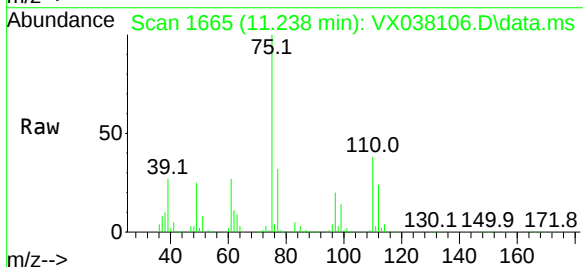
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

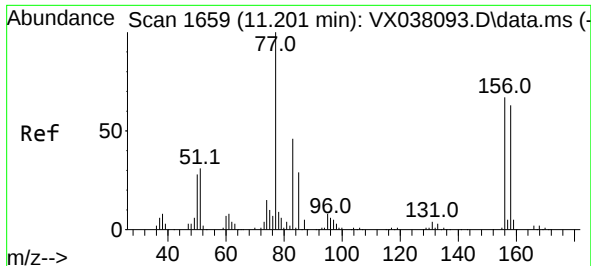
Tgt Ion: 83 Resp: 165886
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.8
85 64.4 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 64.149 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 75 Resp: 182383
Ion Ratio Lower Upper
75 100
77 32.5 19.1 57.5

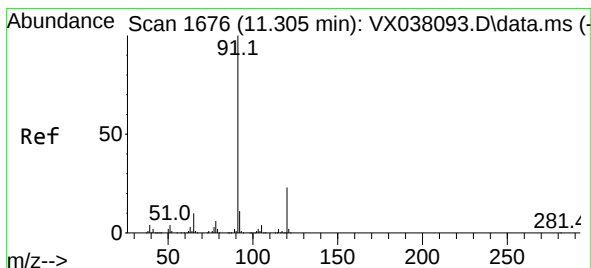
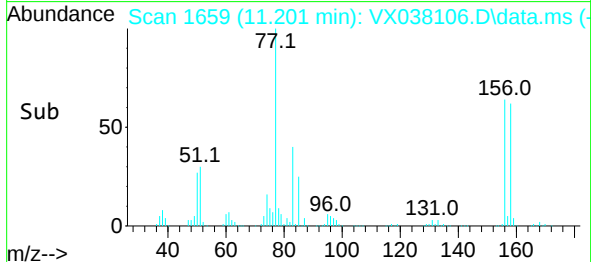
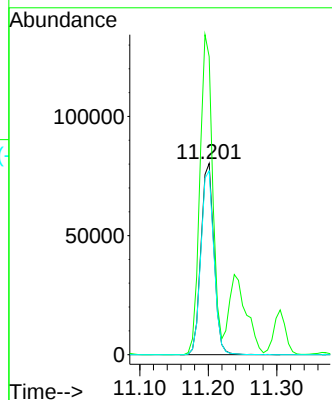
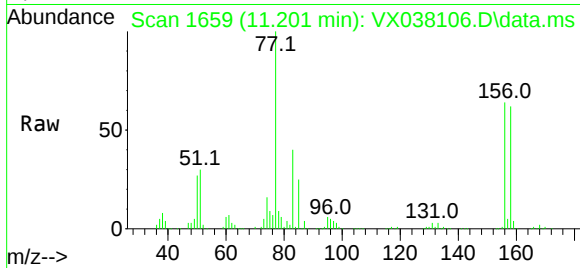




#77
Bromobenzene
Concen: 51.936 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

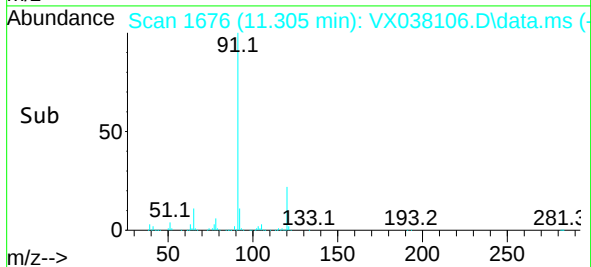
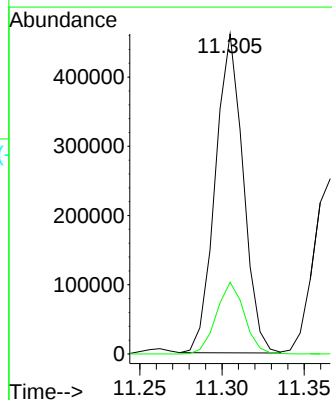
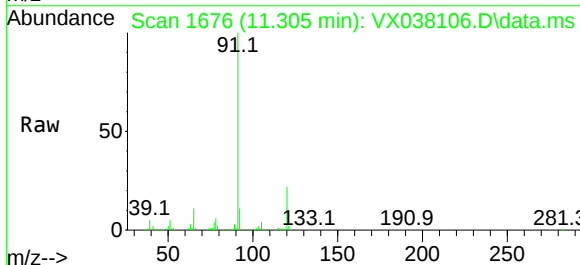
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

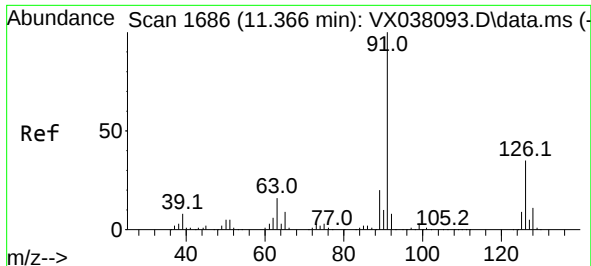
Tgt Ion:156 Resp: 106346
Ion Ratio Lower Upper
156 100
77 164.2 88.4 265.3
158 96.8 48.0 144.0



#78
n-propylbenzene
Concen: 52.980 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 91 Resp: 543319
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4

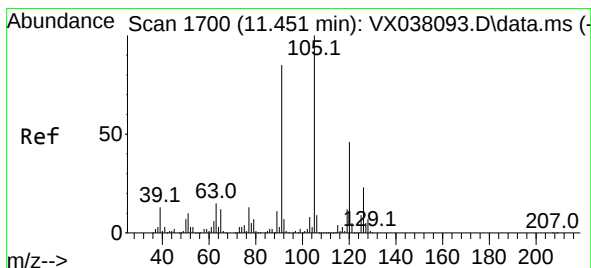
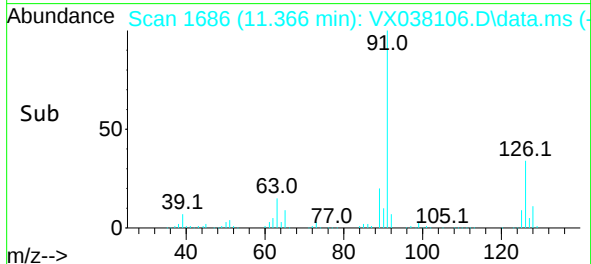
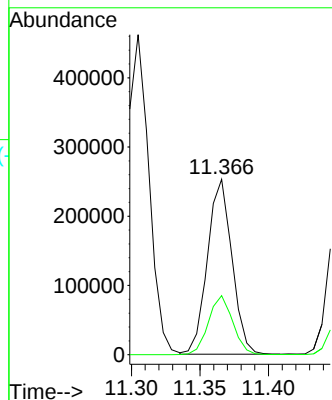
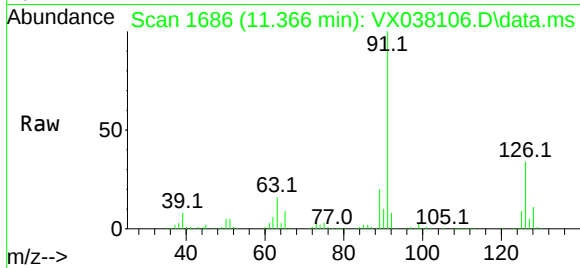




#79
2-Chlorotoluene
Concen: 51.799 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

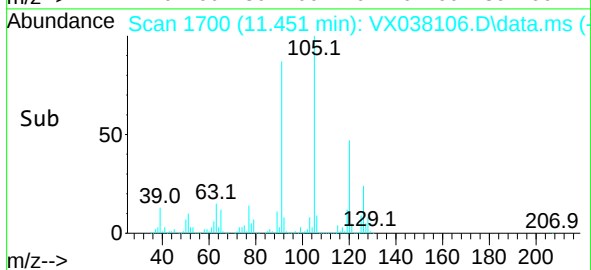
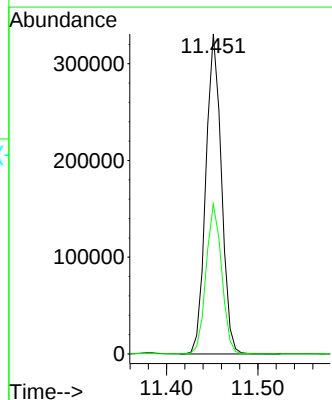
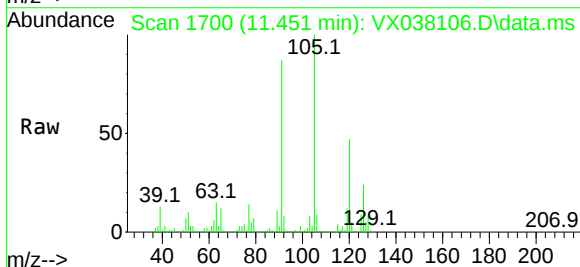
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

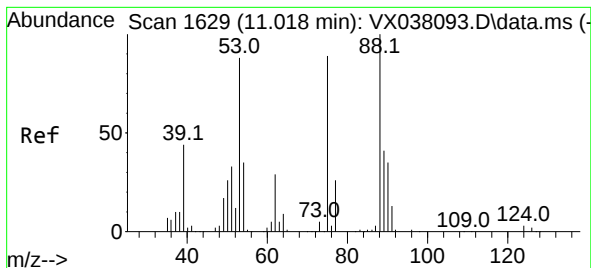
Tgt Ion: 91 Resp: 315037
Ion Ratio Lower Upper
91 100
126 33.5 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 53.923 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 105 Resp: 390178
Ion Ratio Lower Upper
105 100
120 47.0 24.1 72.3

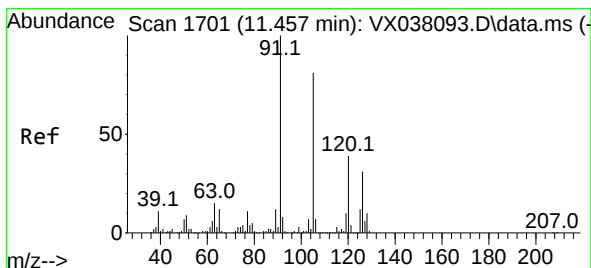
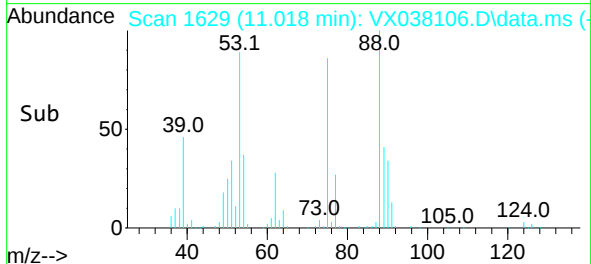
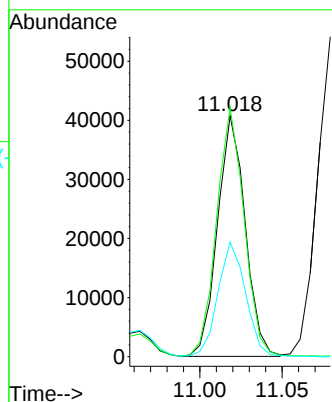
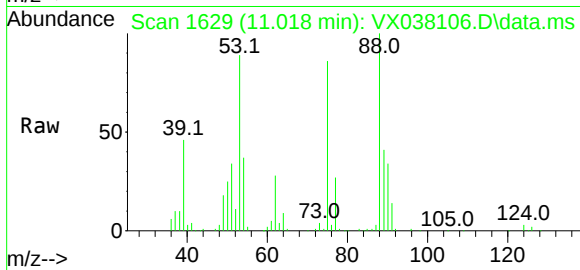




#81
trans-1,4-Dichloro-2-butene
Concen: 48.957 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

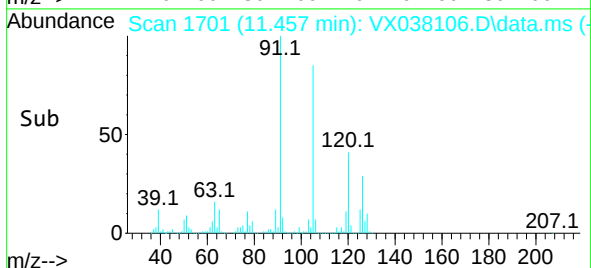
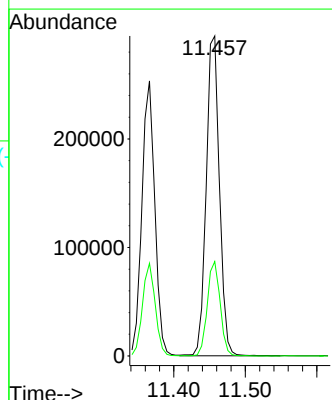
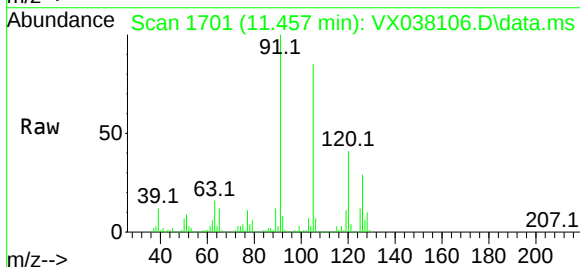
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

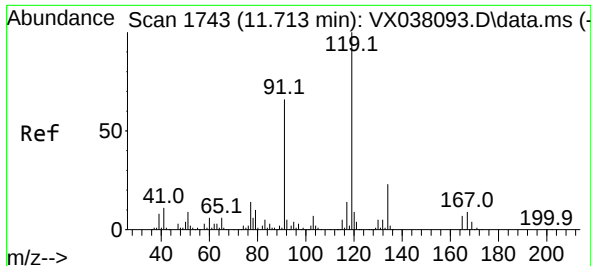
Tgt Ion: 75 Resp: 47580
Ion Ratio Lower Upper
75 100
53 102.9 90.5 135.7
89 47.8 36.9 55.3



#82
4-Chlorotoluene
Concen: 52.598 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion: 91 Resp: 378543
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6

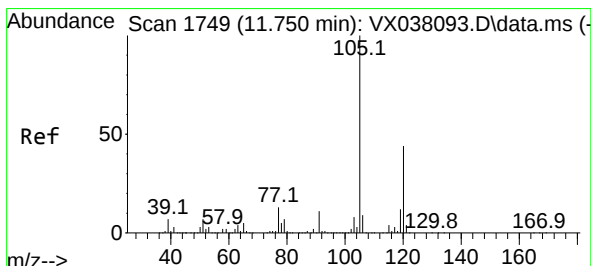
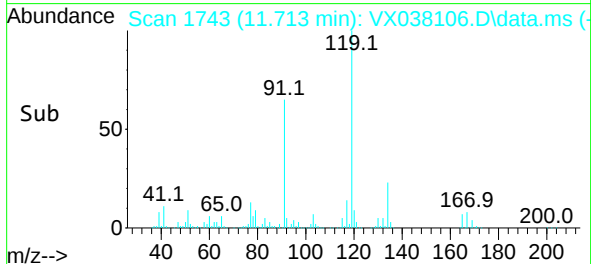
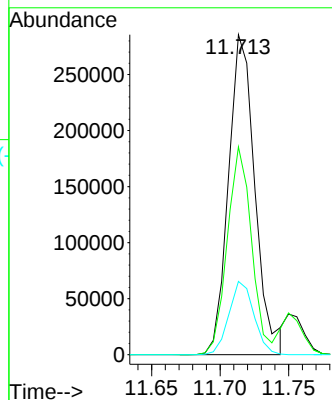
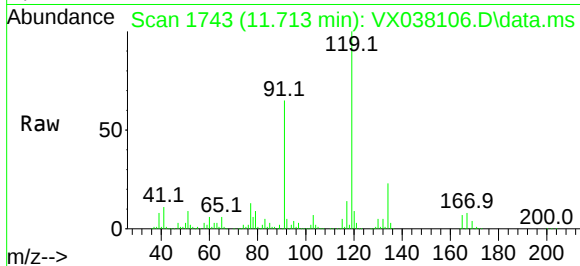




#83
tert-Butylbenzene
Concen: 54.239 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

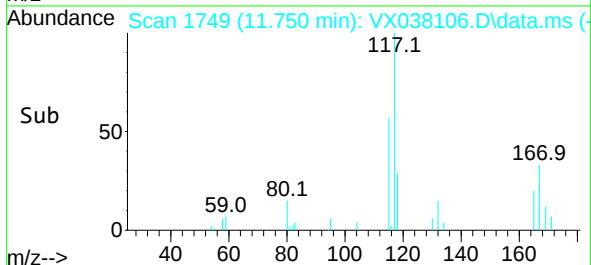
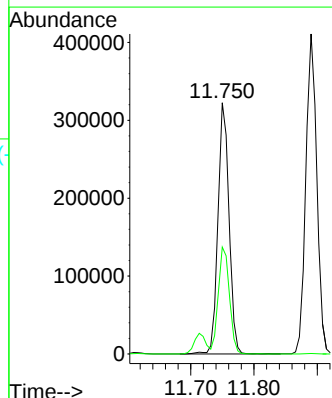
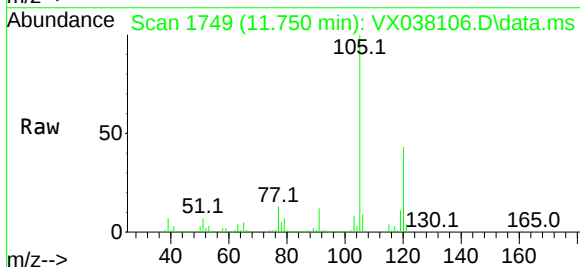
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

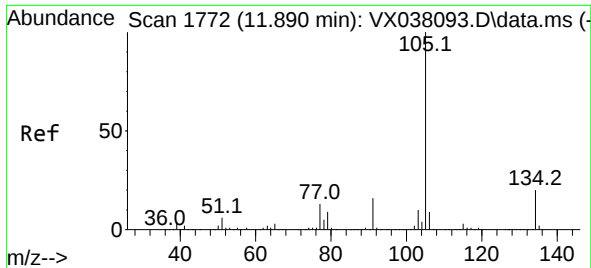
Tgt Ion:119 Resp: 383486
Ion Ratio Lower Upper
119 100
91 59.7 31.2 93.6
134 21.7 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 54.121 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion:105 Resp: 390455
Ion Ratio Lower Upper
105 100
120 42.7 21.2 63.6

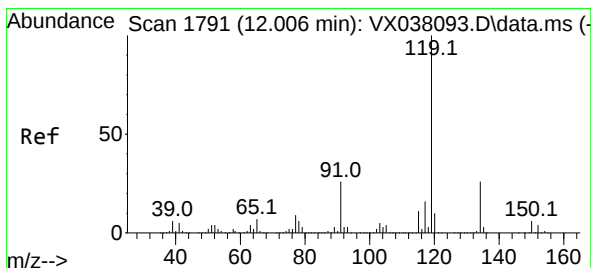
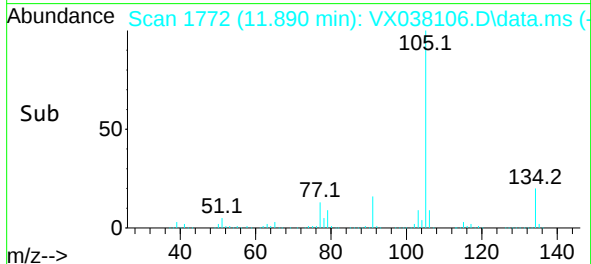
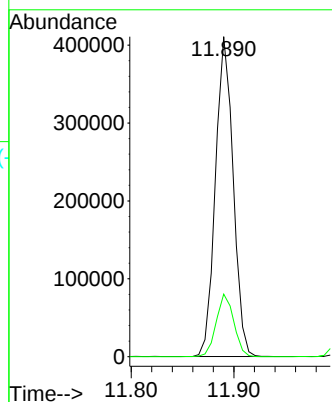
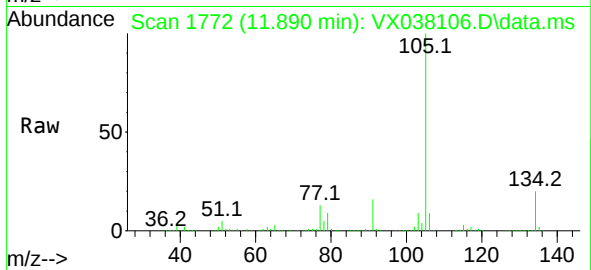




#85
sec-Butylbenzene
Concen: 53.635 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

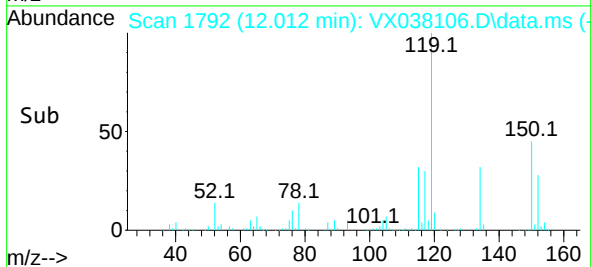
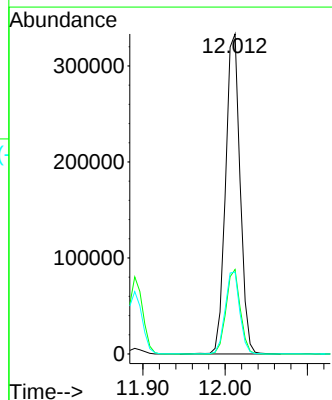
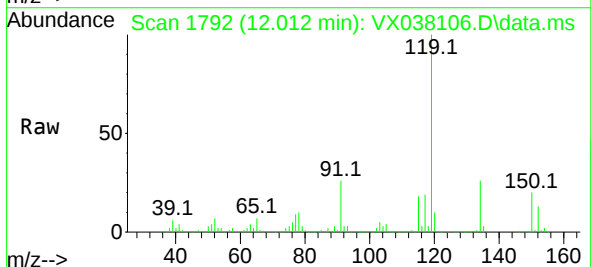
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

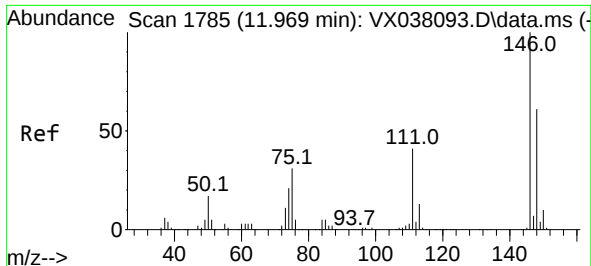
Tgt Ion:105 Resp: 491233
Ion Ratio Lower Upper
105 100
134 19.4 9.8 29.4



#86
p-Isopropyltoluene
Concen: 54.033 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX038106.D
Acq: 05 Oct 2023 17:17

Tgt Ion:119 Resp: 408299
Ion Ratio Lower Upper
119 100
134 25.9 12.8 38.3
91 25.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.330 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

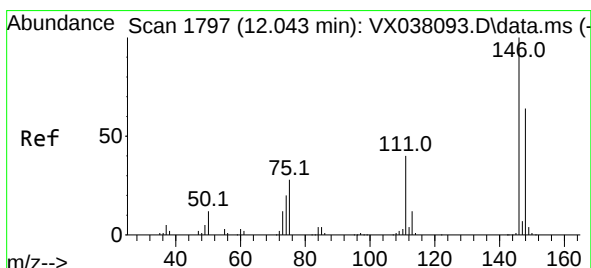
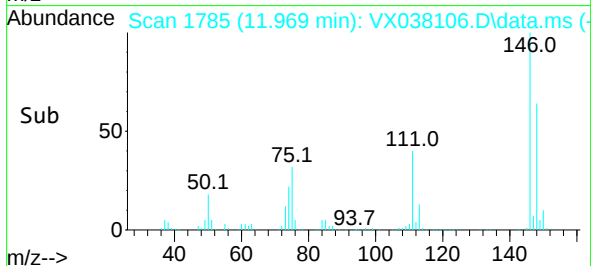
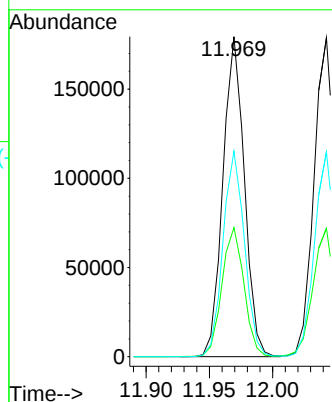
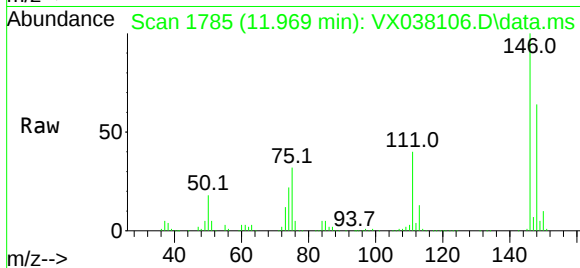
Tgt Ion:146 Resp: 211107

Ion Ratio Lower Upper

146 100

111 41.4 22.1 66.1

148 64.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 51.199 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

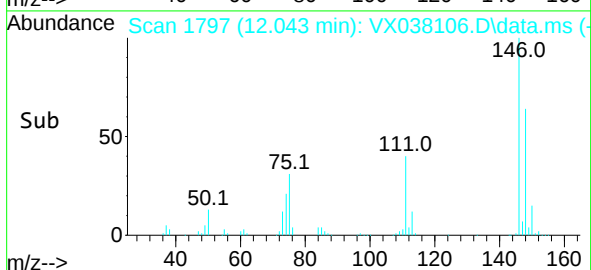
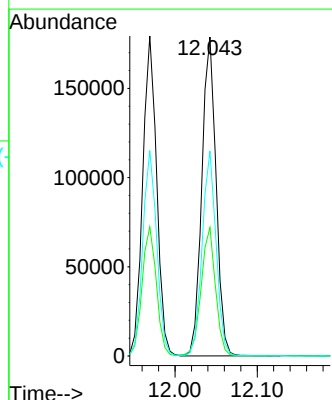
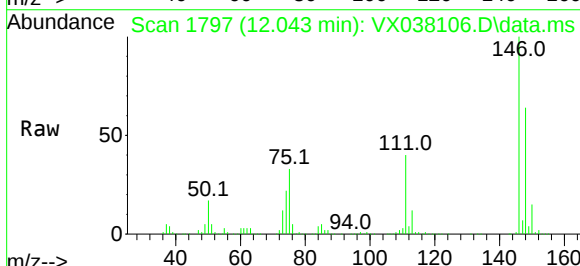
Tgt Ion:146 Resp: 214976

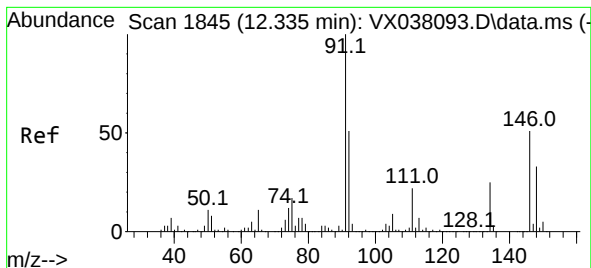
Ion Ratio Lower Upper

146 100

111 40.6 21.3 63.7

148 63.3 31.8 95.4





#89

n-Butylbenzene

Concen: 52.604 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

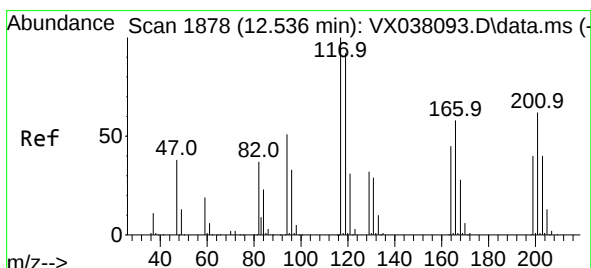
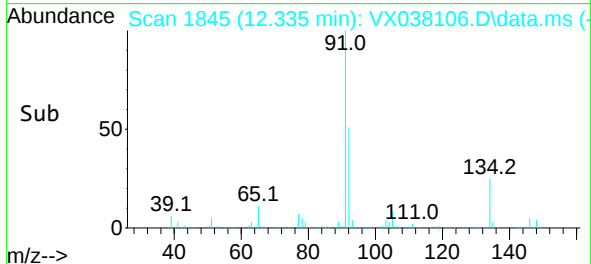
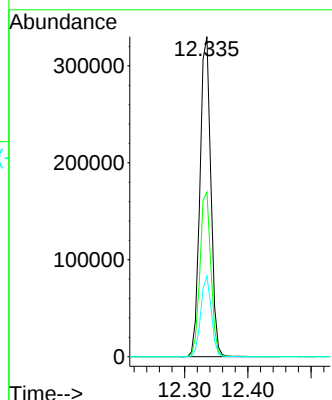
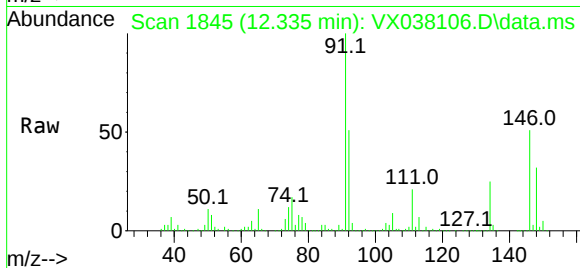
Tgt Ion: 91 Resp: 395876

Ion Ratio Lower Upper

91 100

92 51.8 27.4 82.0

134 24.5 12.6 37.8



#90

Hexachloroethane

Concen: 54.619 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038106.D

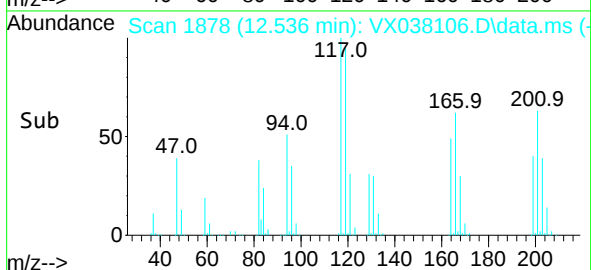
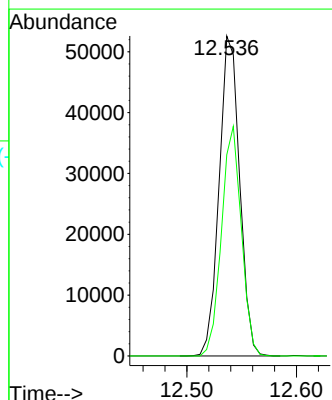
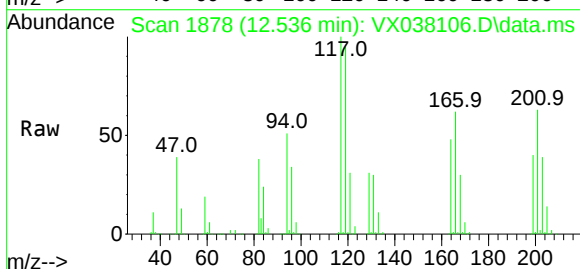
Acq: 05 Oct 2023 17:17

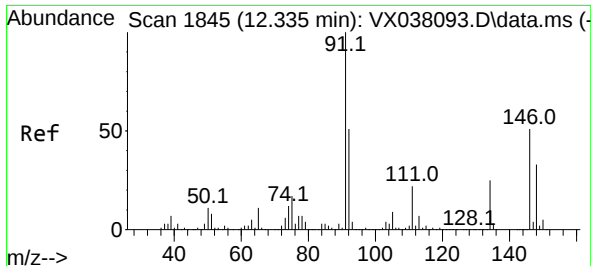
Tgt Ion: 117 Resp: 68431

Ion Ratio Lower Upper

117 100

201 69.4 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 52.430 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

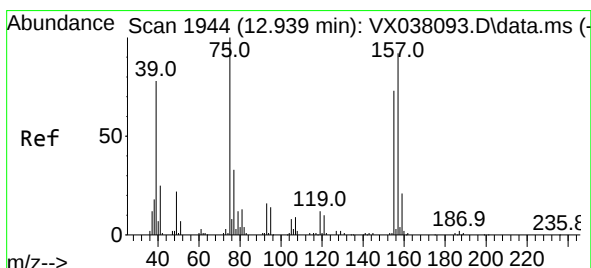
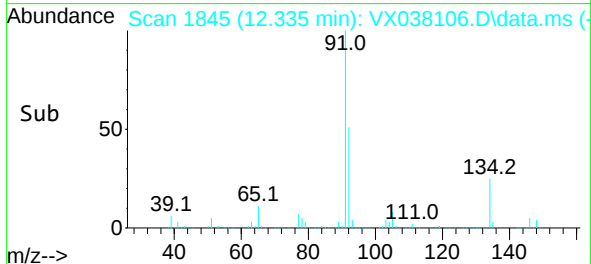
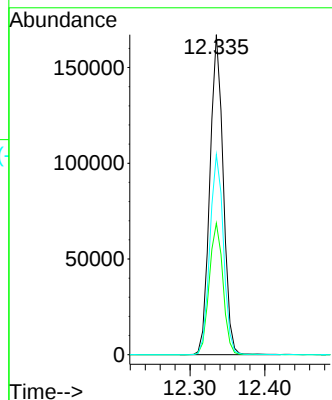
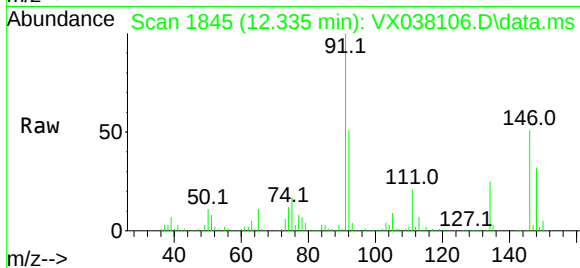
Tgt Ion:146 Resp: 207272

Ion Ratio Lower Upper

146 100

111 42.2 22.4 67.0

148 63.6 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.530 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

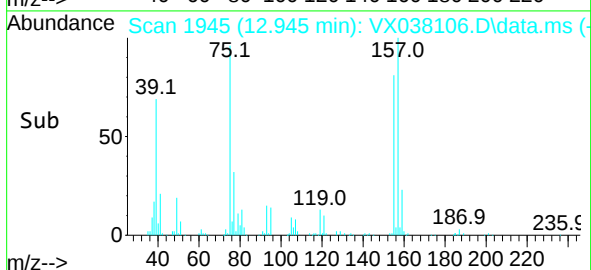
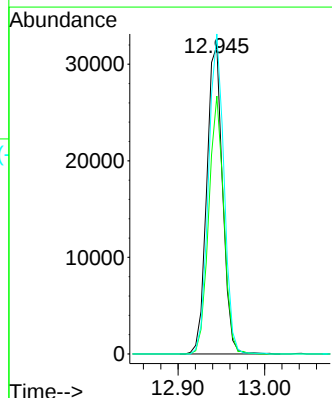
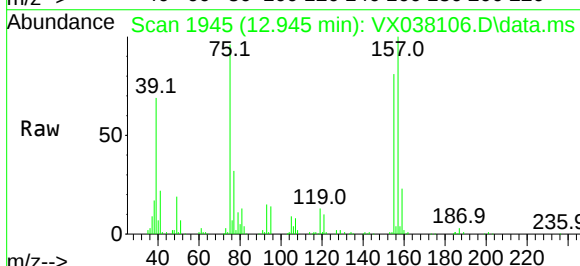
Tgt Ion: 75 Resp: 40575

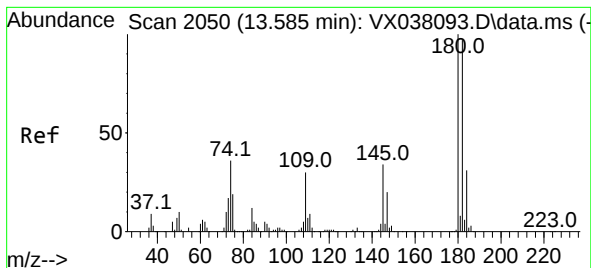
Ion Ratio Lower Upper

75 100

155 79.2 36.1 108.5

157 100.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.180 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

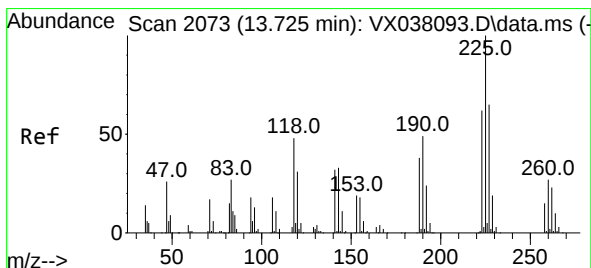
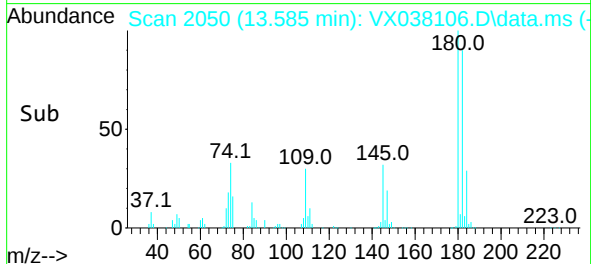
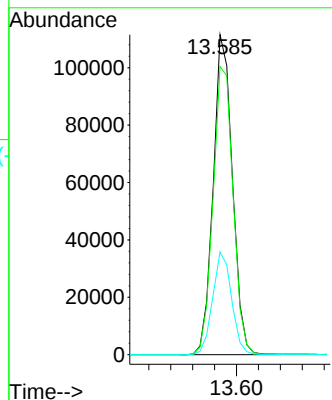
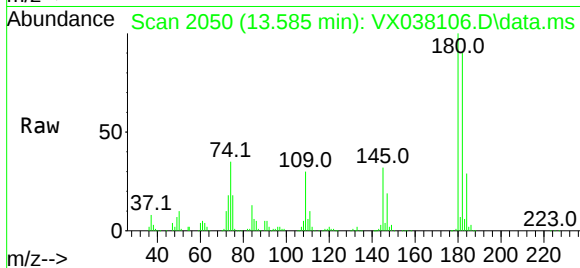
Tgt Ion:180 Resp: 135707

Ion Ratio Lower Upper

180 100

182 94.2 48.3 144.8

145 31.8 18.0 54.0



#94

Hexachlorobutadiene

Concen: 49.862 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

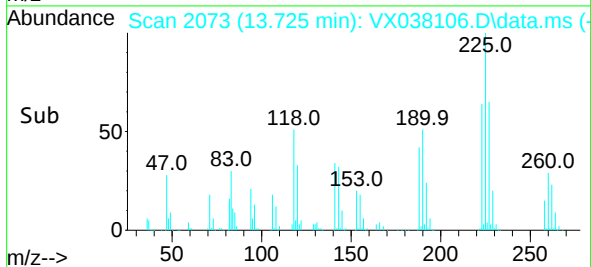
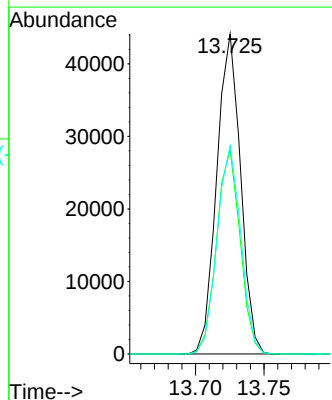
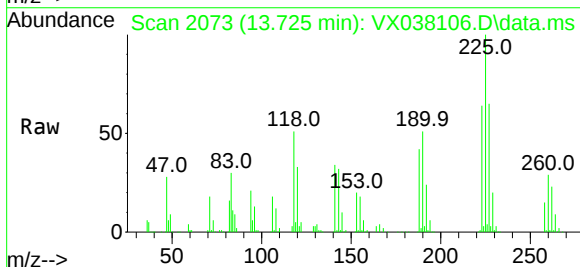
Tgt Ion:225 Resp: 53213

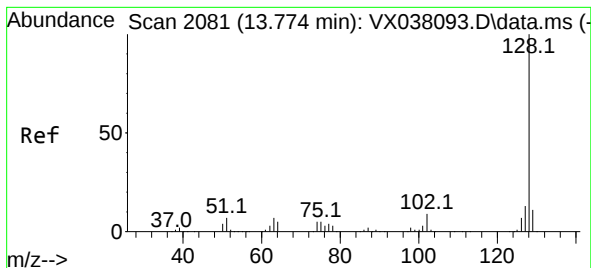
Ion Ratio Lower Upper

225 100

223 63.2 31.1 93.2

227 64.8 32.5 97.5





#95

Naphthalene

Concen: 52.203 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

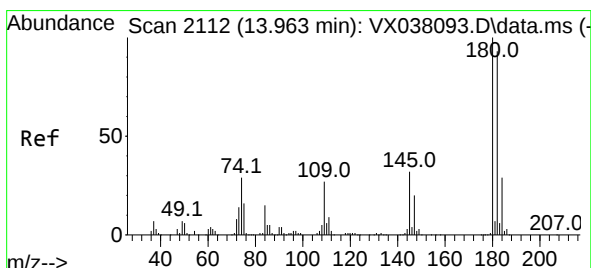
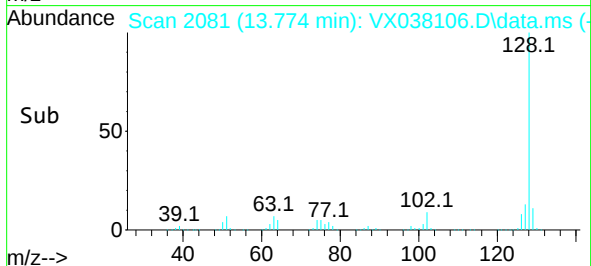
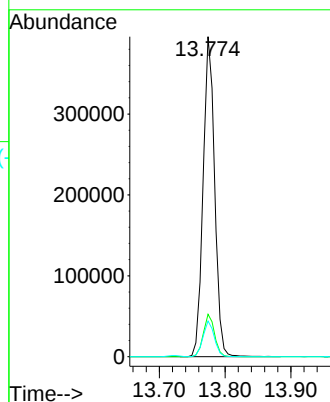
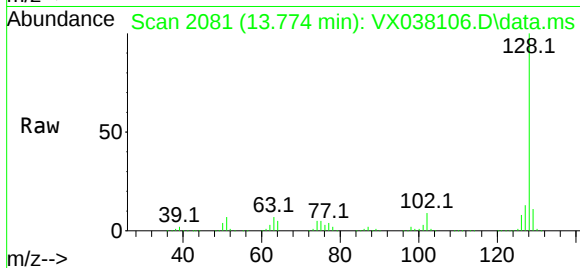
Tgt Ion:128 Resp: 482036

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 51.436 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038106.D

Acq: 05 Oct 2023 17:17

Tgt Ion:180 Resp: 132056

Ion Ratio Lower Upper

180 100

182 96.0 46.9 140.6

145 33.3 17.8 53.5

