

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092223\
 Data File : VX037880.D
 Acq On : 22 Sep 2023 16:44
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Sep 23 01:28:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	224644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	367950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	148342	50.260	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.520%	
35) Dibromofluoromethane	5.379	113	128590	52.230	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.460%	
50) Toluene-d8	8.647	98	481921	52.682	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.360%	
62) 4-Bromofluorobenzene	11.079	95	188996	56.856	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.720%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	105729	44.653	ug/l	97
3) Chloromethane	1.294	50	107666	41.791	ug/l	100
4) Vinyl Chloride	1.374	62	124914	44.943	ug/l	100
5) Bromomethane	1.599	94	91458	45.964	ug/l	98
6) Chloroethane	1.685	64	87035	45.455	ug/l	99
7) Trichlorofluoromethane	1.886	101	219972	49.229	ug/l	100
8) Diethyl Ether	2.130	74	80174	46.312	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	110588	48.767	ug/l	97
10) Methyl Iodide	2.453	142	129322	43.093	ug/l	93
11) Tert butyl alcohol	2.953	59	123584	195.073	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	101162	46.159	ug/l	86
13) Acrolein	2.233	56	136224	217.656	ug/l	99
14) Allyl chloride	2.660	41	165680	45.390	ug/l #	96
15) Acrylonitrile	3.062	53	314942	223.591	ug/l	99
16) Acetone	2.373	43	292481	205.995	ug/l #	88
17) Carbon Disulfide	2.514	76	227155	41.340	ug/l	100
18) Methyl Acetate	2.697	43	230855	45.072	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	379451	47.066	ug/l	100
20) Methylene Chloride	2.788	84	123409	47.012	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	114829	47.185	ug/l	91
22) Diisopropyl ether	3.757	45	363022	47.746	ug/l #	88
23) Vinyl Acetate	3.715	43	1328982	237.635	ug/l	96
24) 1,1-Dichloroethane	3.605	63	214556	47.091	ug/l	99
25) 2-Butanone	4.550	43	435522	217.367	ug/l #	90
26) 2,2-Dichloropropane	4.471	77	177948	48.336	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	143085	47.959	ug/l	89
28) Bromochloromethane	4.891	49	100611	47.335	ug/l #	82
29) Tetrahydrofuran	4.995	42	272653	218.771	ug/l	89
30) Chloroform	5.092	83	238215	48.535	ug/l	97
31) Cyclohexane	5.470	56	178898	47.225	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	206439	49.675	ug/l	97
36) 1,1-Dichloropropene	5.690	75	167126	49.278	ug/l	97
37) Ethyl Acetate	4.708	43	169269	45.400	ug/l	96
38) Carbon Tetrachloride	5.678	117	174217	49.095	ug/l	98
39) Methylcyclohexane	7.379	83	210833	48.981	ug/l	93
40) Benzene	6.031	78	498896	47.836	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	88870	46.747	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	181502	48.150	ug/l	97
43) Isopropyl Acetate	6.336	43	278552	46.723	ug/l	96
44) Trichloroethene	7.123	130	136554	47.016	ug/l	97
45) 1,2-Dichloropropane	7.427	63	131651	48.608	ug/l	98
46) Dibromomethane	7.580	93	94913	48.716	ug/l	93
47) Bromodichloromethane	7.818	83	180915	50.420	ug/l	99
48) Methyl methacrylate	7.690	41	135691	47.611	ug/l #	88
49) 1,4-Dioxane	7.653	88	62157	831.900	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	878912	232.360	ug/l	95
52) Toluene	8.714	92	329187	48.976	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	196064	52.258	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	209993	50.573	ug/l #	88
55) 1,1,2-Trichloroethane	9.147	97	140683	49.644	ug/l	96
56) Ethyl methacrylate	9.116	69	208604	49.308	ug/l	91
57) 1,3-Dichloropropane	9.305	76	224382	48.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	456546	231.107	ug/l	98
59) 2-Hexanone	9.427	43	679754	230.809	ug/l	93
60) Dibromochloromethane	9.518	129	145645	51.591	ug/l	100
61) 1,2-Dibromoethane	9.610	107	149259	49.746	ug/l	99
64) Tetrachloroethene	9.275	164	117137	47.866	ug/l	97
65) Chlorobenzene	10.079	112	368224	47.574	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	136236	49.668	ug/l	99
67) Ethyl Benzene	10.195	91	658827	49.095	ug/l	99
68) m/p-Xylenes	10.299	106	515550	99.423	ug/l	96
69) o-Xylene	10.640	106	254547	48.953	ug/l	97
70) Styrene	10.652	104	427271	51.184	ug/l	95
71) Bromoform	10.799	173	109444	50.509	ug/l #	100
73) Isopropylbenzene	10.963	105	679817	45.093	ug/l	98
74) N-amyl acetate	10.841	43	265922	43.554	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	231192	43.604	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	206371m	43.421	ug/l	
77) Bromobenzene	11.195	156	168310	45.106	ug/l	88
78) n-propylbenzene	11.305	91	812949	47.747	ug/l	99
79) 2-Chlorotoluene	11.366	91	469133	44.688	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	593026	46.579	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	65633	44.236	ug/l	90
82) 4-Chlorotoluene	11.451	91	555596	47.010	ug/l	96
83) tert-Butylbenzene	11.713	119	588561	45.740	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	587644	46.391	ug/l	98
85) sec-Butylbenzene	11.890	105	763519	48.910	ug/l	100
86) p-Isopropyltoluene	12.006	119	646800	49.730	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	332972	47.870	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	338760	47.593	ug/l	97
89) n-Butylbenzene	12.329	91	613429	53.839	ug/l	97
90) Hexachloroethane	12.536	117	106519	48.337	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	330477	46.535	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	46937	44.410	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	226261	54.087	ug/l	97
94) Hexachlorobutadiene	13.725	225	101938	52.181	ug/l	99
95) Naphthalene	13.774	128	690772	48.825	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	215631	50.089	ug/l	97

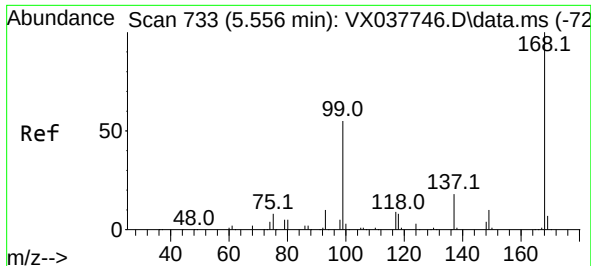
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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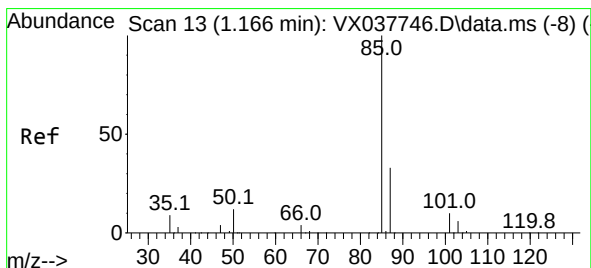
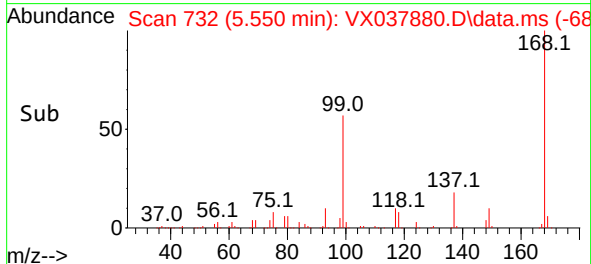
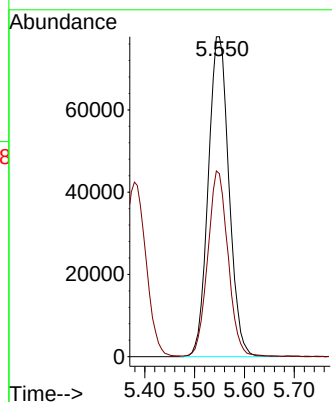
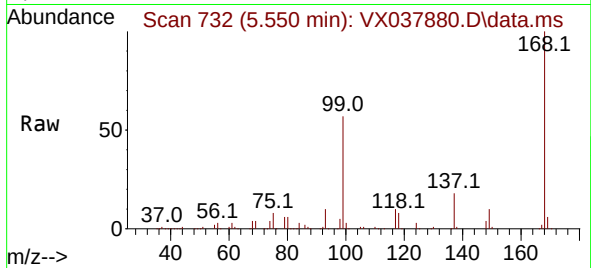
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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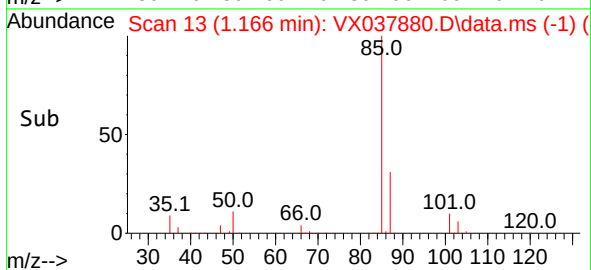
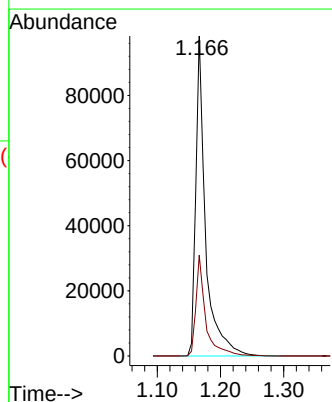
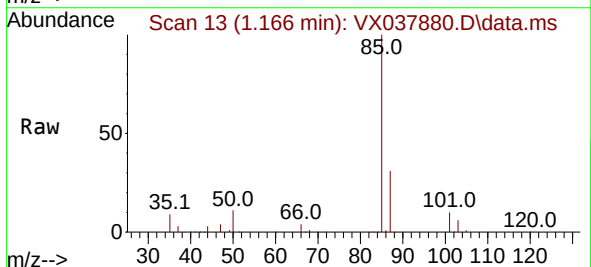
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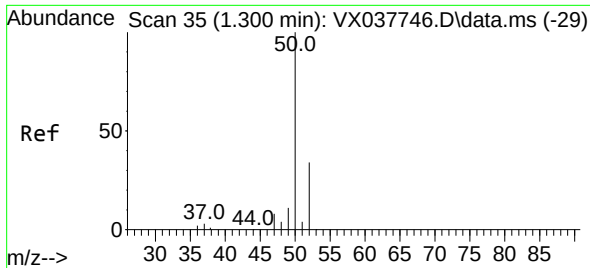
Tgt Ion:168 Resp: 224644
Ion Ratio Lower Upper
168 100
99 57.1 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 44.653 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 85 Resp: 105729
Ion Ratio Lower Upper
85 100
87 31.5 16.7 50.1

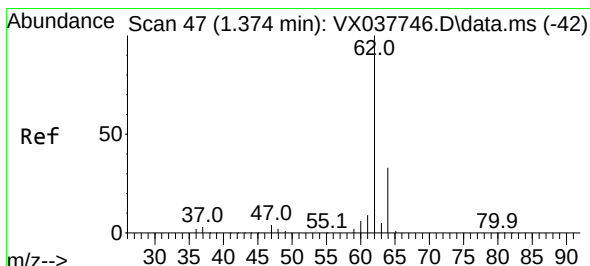
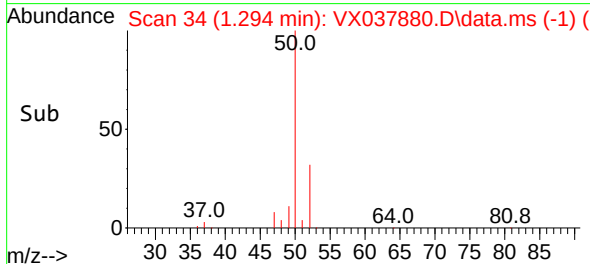
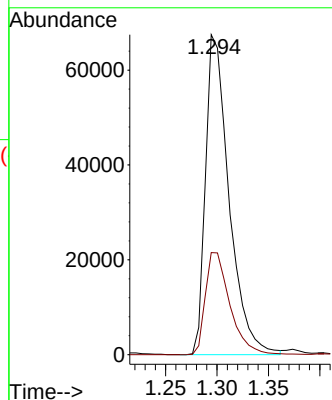
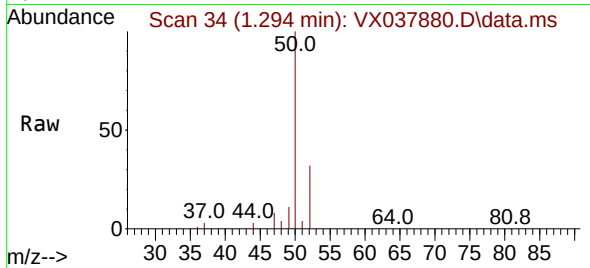




#3
Chloromethane
Concen: 41.791 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

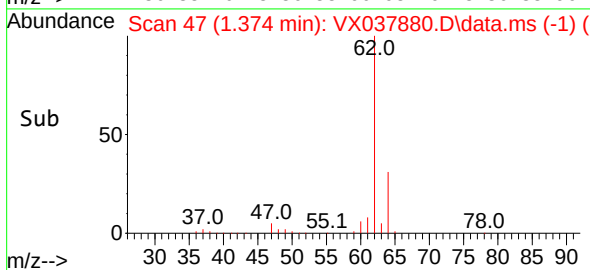
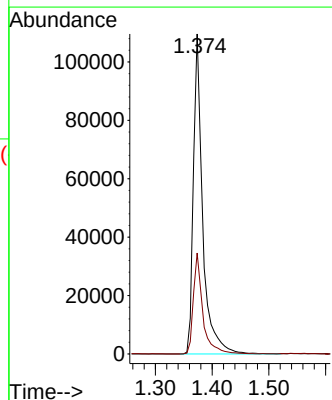
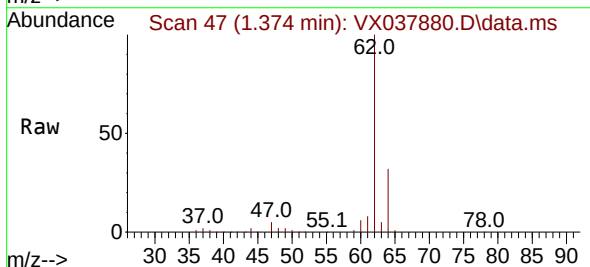
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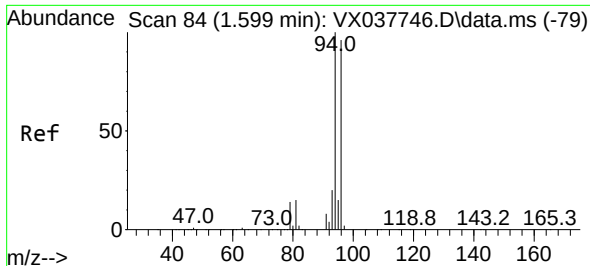
Tgt Ion: 50 Resp: 107666
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3



#4
Vinyl Chloride
Concen: 44.943 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 62 Resp: 124914
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0

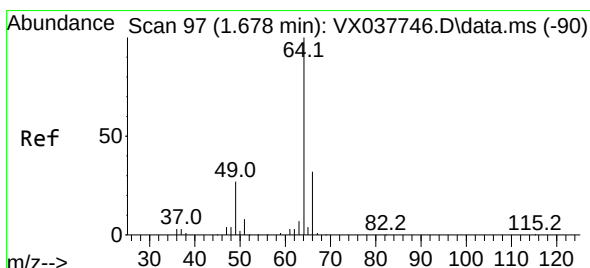
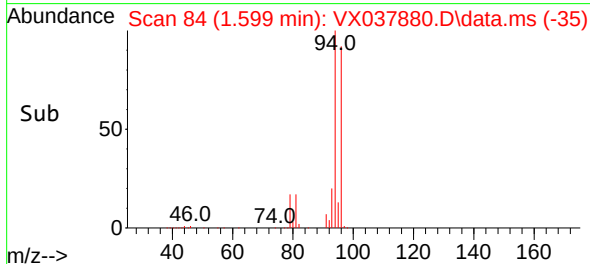
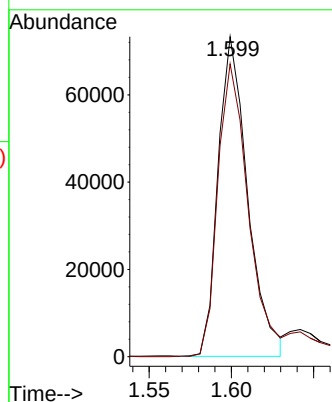
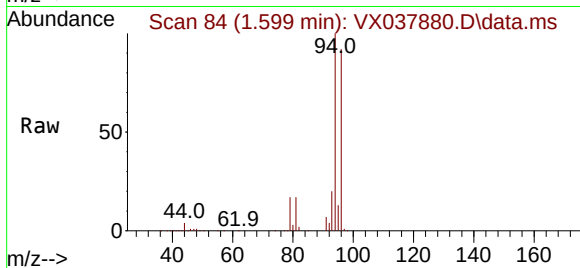




#5
Bromomethane
Concen: 45.964 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

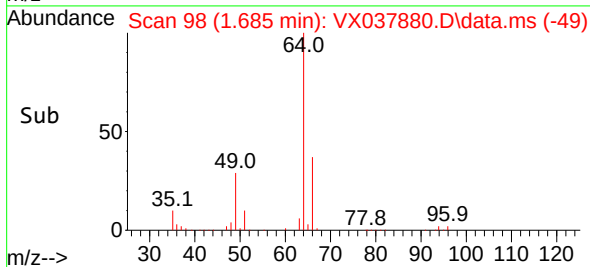
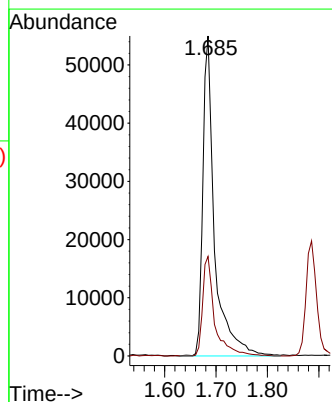
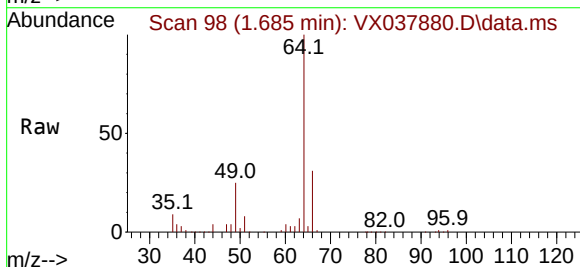
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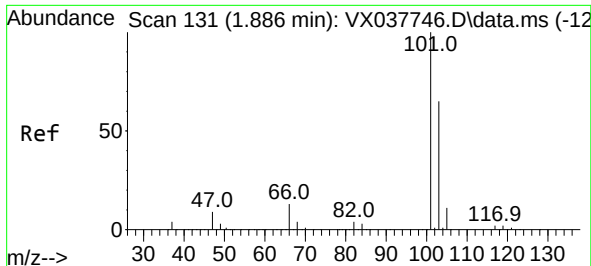
Tgt Ion: 94 Resp: 91458
Ion Ratio Lower Upper
94 100
96 91.5 74.6 111.8



#6
Chloroethane
Concen: 45.455 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 64 Resp: 87035
Ion Ratio Lower Upper
64 100
66 31.1 25.1 37.7

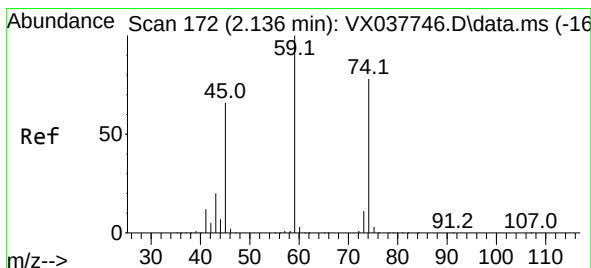
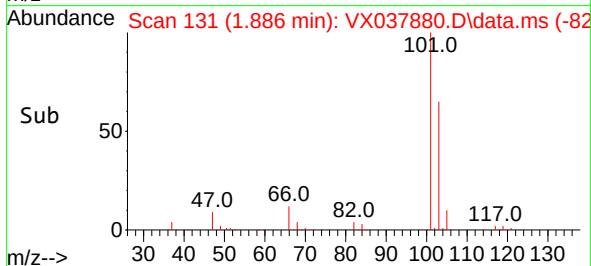
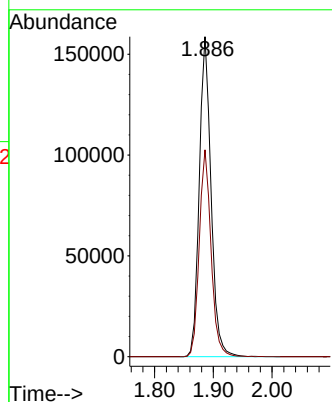
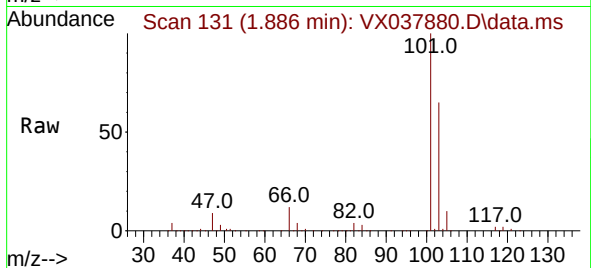




#7
Trichlorofluoromethane
Concen: 49.229 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037880.D
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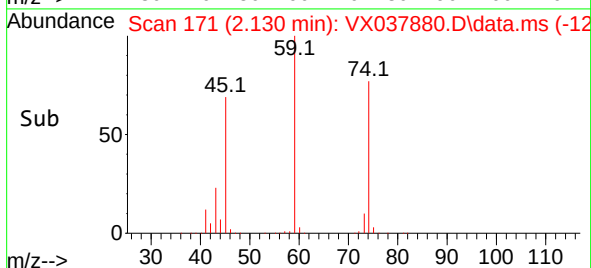
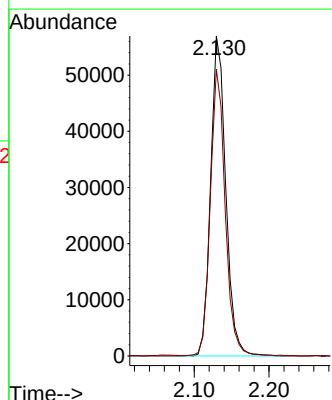
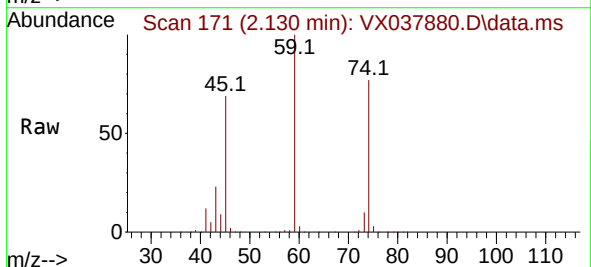
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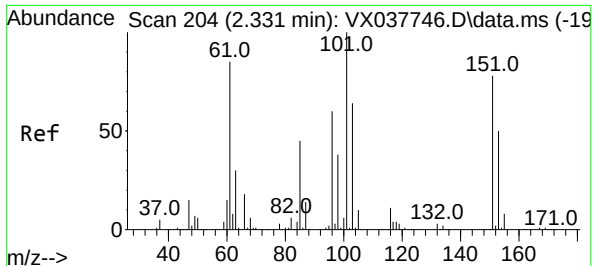
Tgt Ion:101 Resp: 219972
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2



#8
Diethyl Ether
Concen: 46.312 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 74 Resp: 80174
Ion Ratio Lower Upper
74 100
45 88.3 53.3 159.8

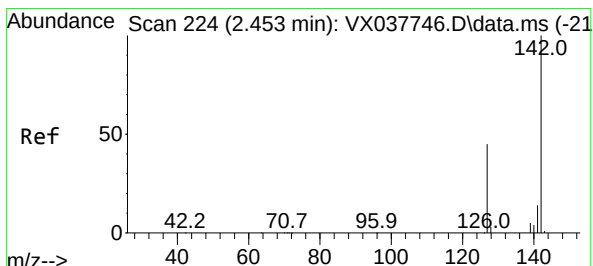
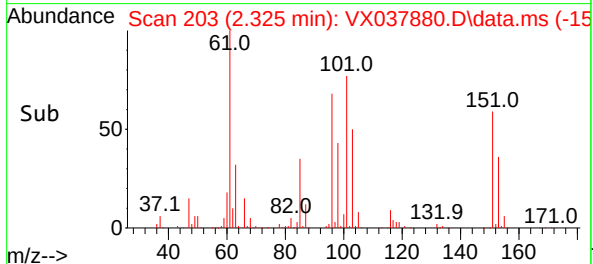
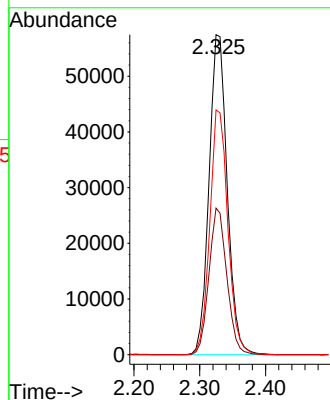
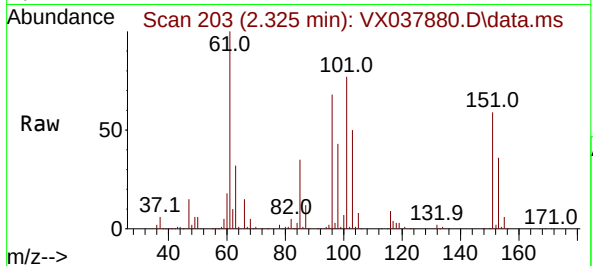




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.767 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
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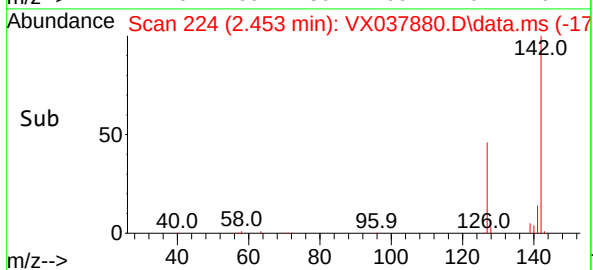
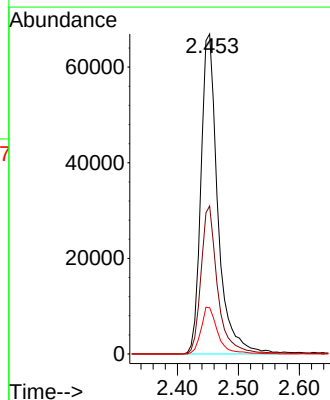
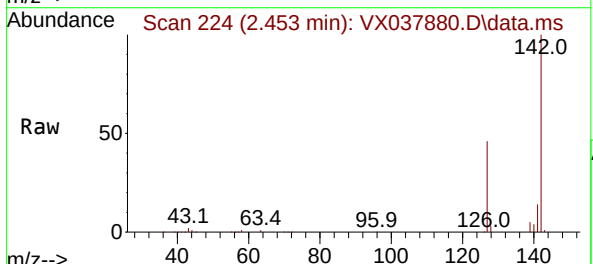
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ClientSampleId :
VSTDCCC050EC

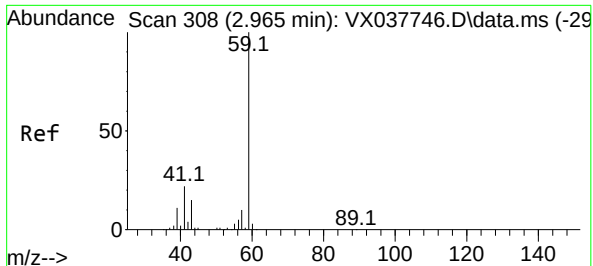
Tgt Ion:101 Resp: 110588
Ion Ratio Lower Upper
101 100
85 45.0 37.0 55.6
151 76.1 58.6 87.8



#10
Methyl Iodide
Concen: 43.093 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion:142 Resp: 129322
Ion Ratio Lower Upper
142 100
127 45.7 41.6 62.4
141 14.5 11.6 17.4

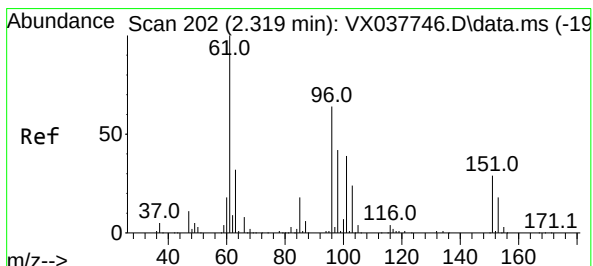
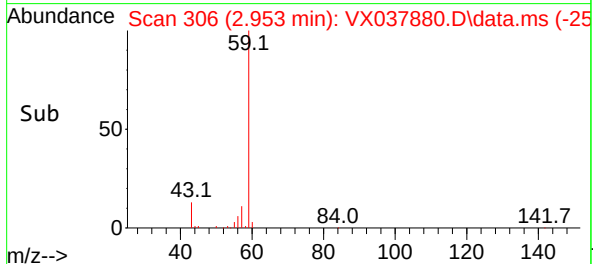
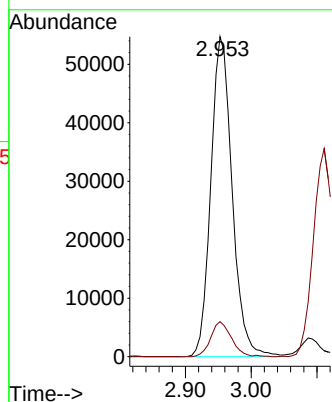
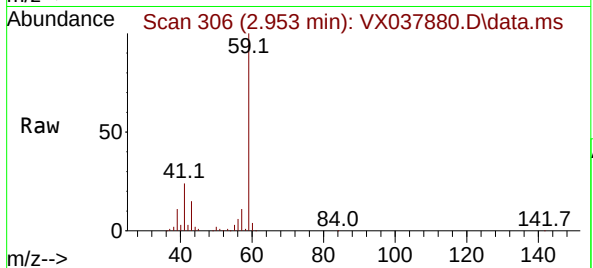




#11
Tert butyl alcohol
Concen: 195.073 ug/l
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

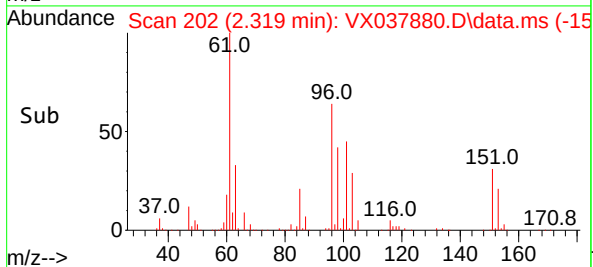
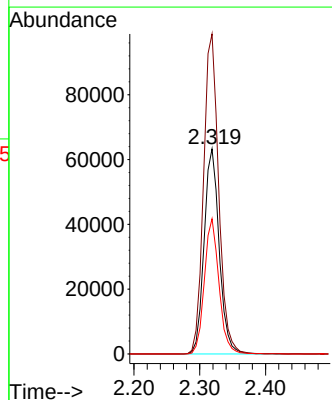
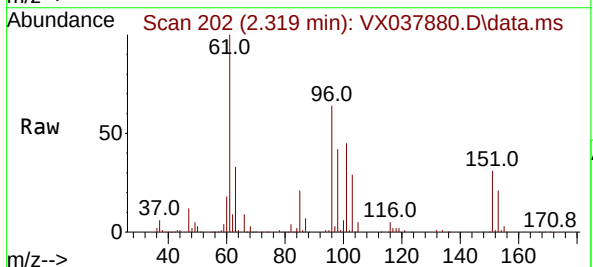
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

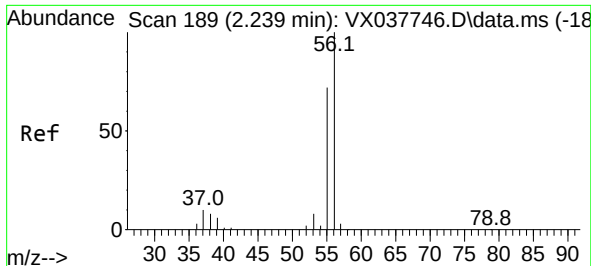
Tgt Ion: 59 Resp: 123584
Ion Ratio Lower Upper
59 100
57 10.7 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 46.159 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 96 Resp: 101162
Ion Ratio Lower Upper
96 100
61 156.0 144.6 216.8
98 65.9 50.4 75.6





#13

Acrolein

Concen: 217.656 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

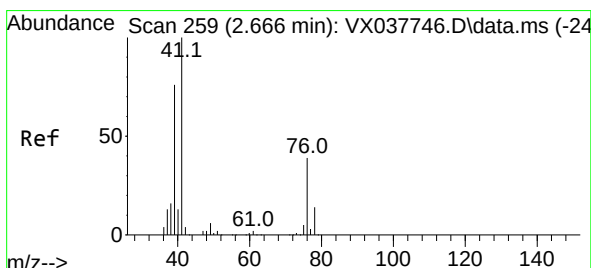
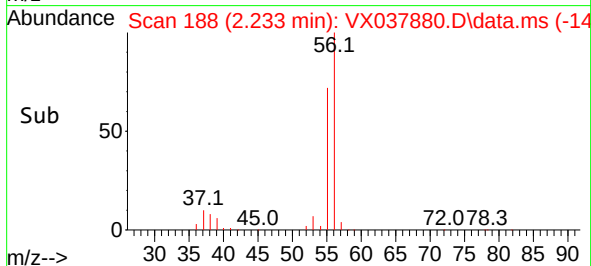
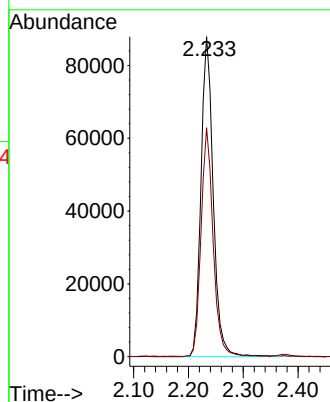
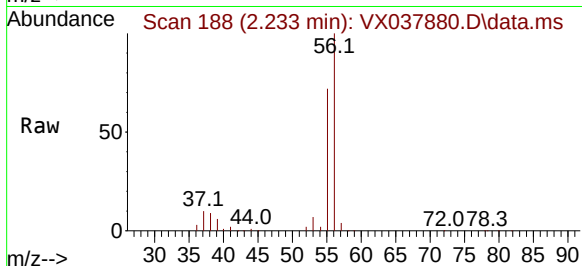
VSTDCCC050EC

Tgt Ion: 56 Resp: 136224

Ion Ratio Lower Upper

56 100

55 70.7 57.1 85.7



#14

Allyl chloride

Concen: 45.390 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

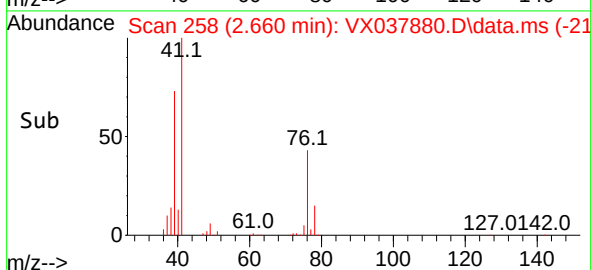
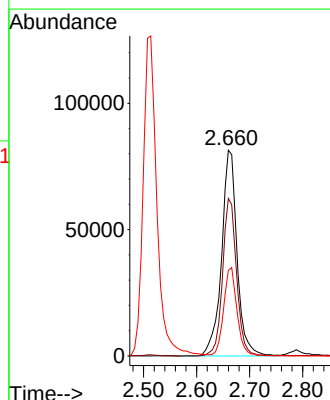
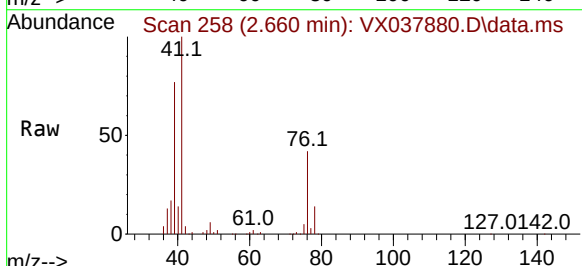
Tgt Ion: 41 Resp: 165680

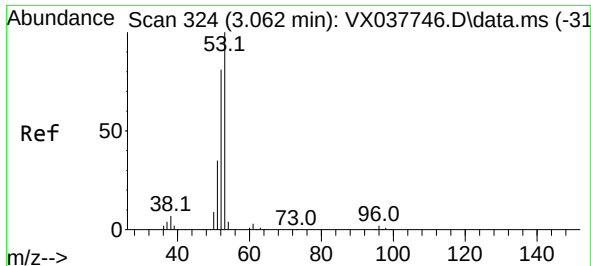
Ion Ratio Lower Upper

41 100

39 69.0 55.8 83.6

76 37.0 24.3 36.5#

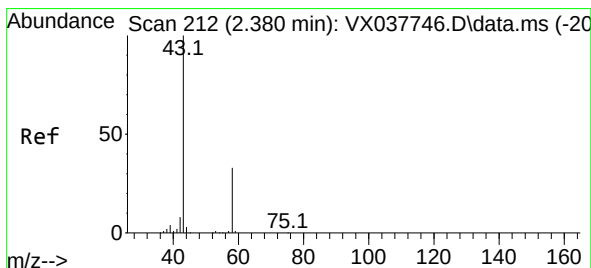
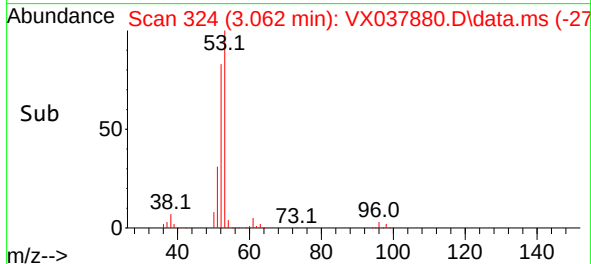
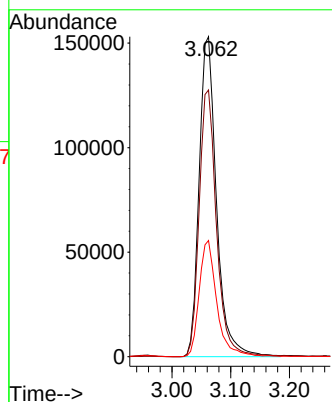
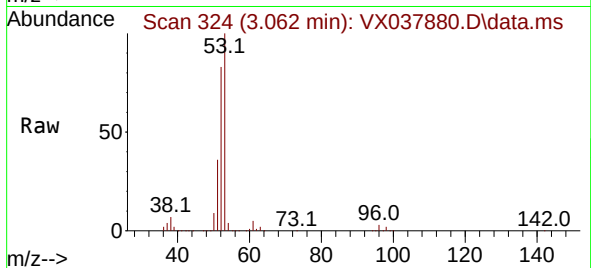




#15
Acrylonitrile
Concen: 223.591 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

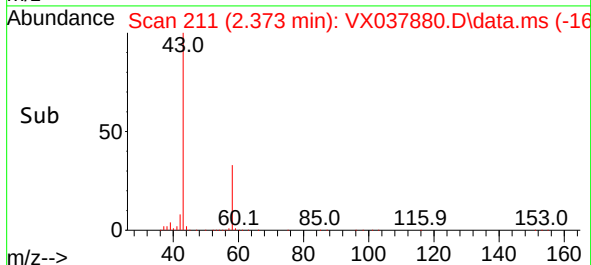
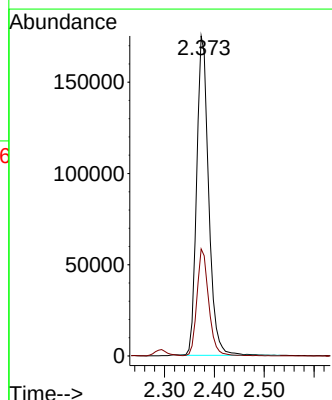
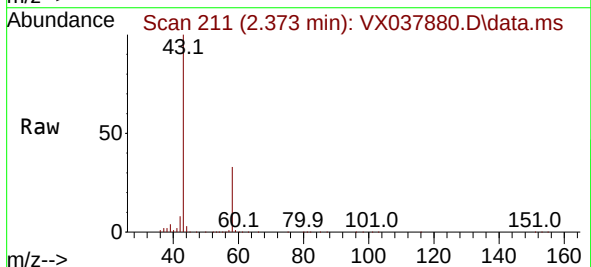
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

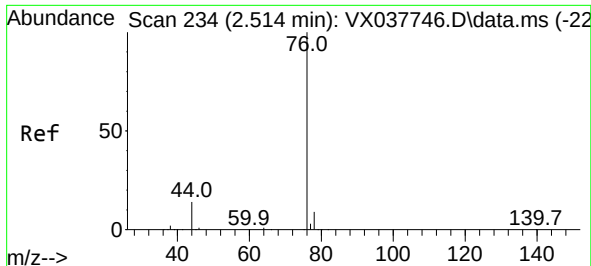
Tgt Ion: 53 Resp: 314942
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 37.0 29.8 44.6



#16
Acetone
Concen: 205.995 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 43 Resp: 292481
Ion Ratio Lower Upper
43 100
58 33.4 21.9 32.9#

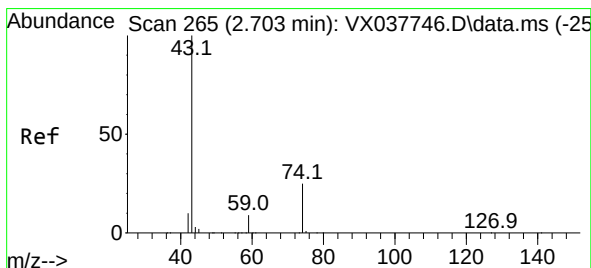
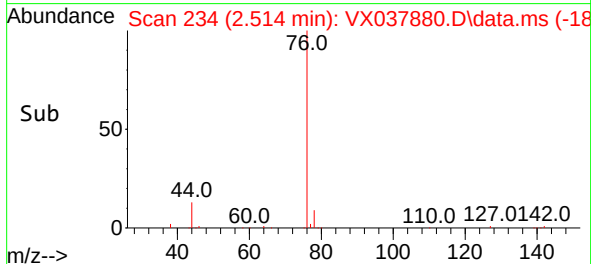
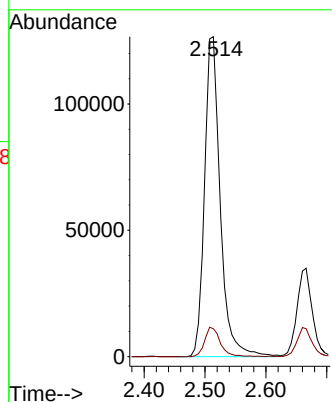
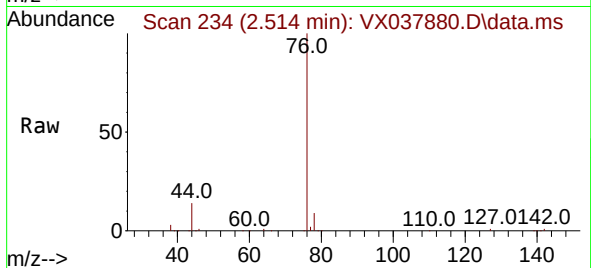




#17
Carbon Disulfide
Concen: 41.340 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

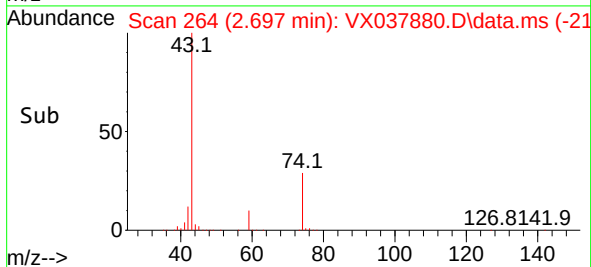
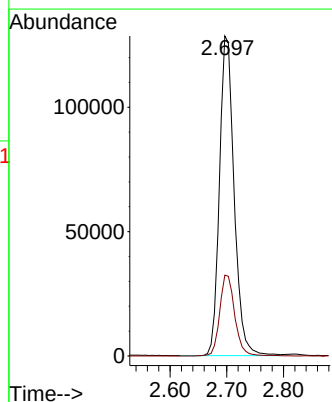
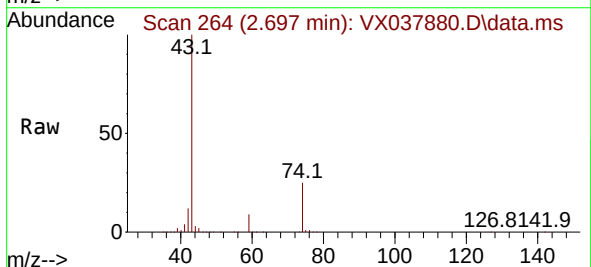
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

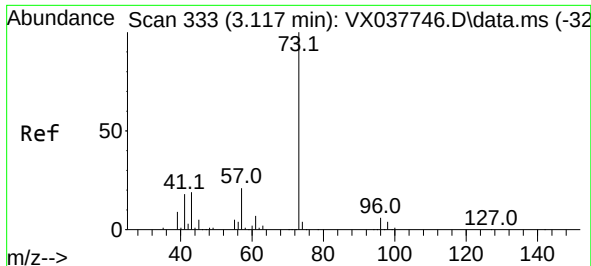
Tgt Ion: 76 Resp: 227155
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 45.072 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 43 Resp: 230855
Ion Ratio Lower Upper
43 100
74 26.0 17.8 26.8

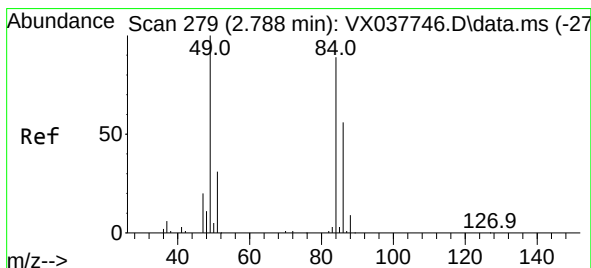
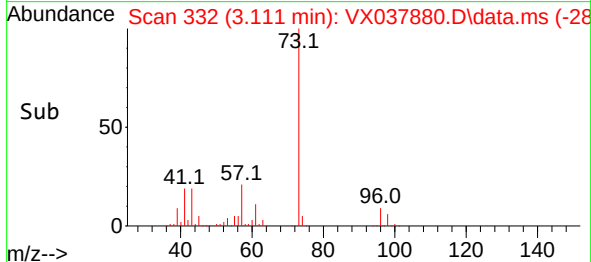
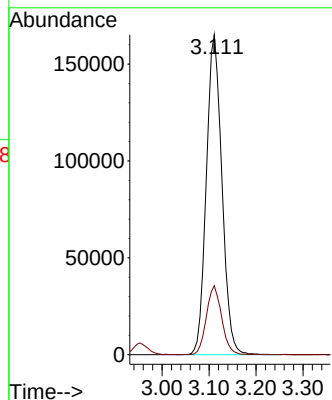
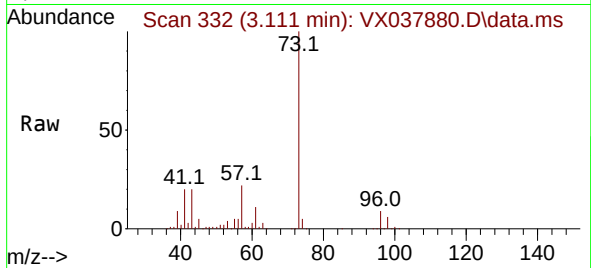




#19
Methyl tert-butyl Ether
Concen: 47.066 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

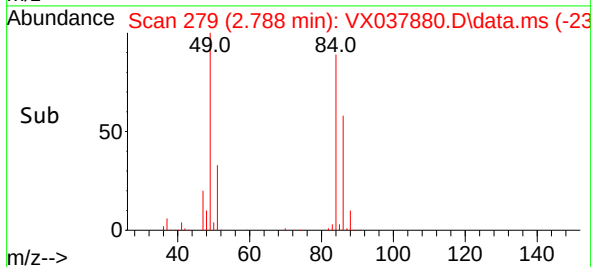
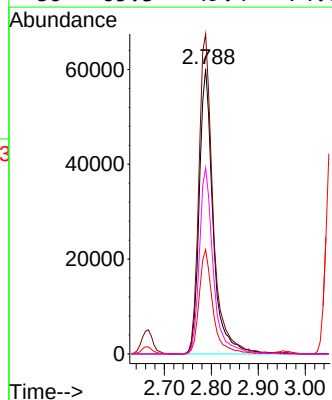
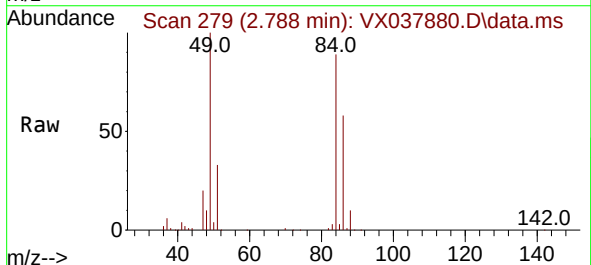
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

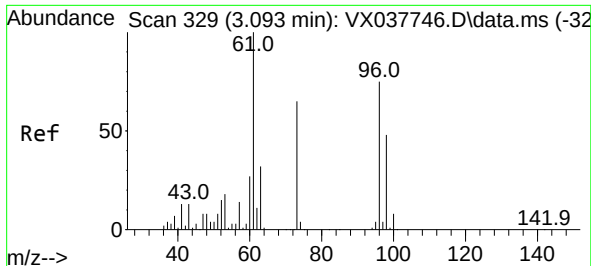
Tgt Ion: 73 Resp: 379451
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 47.012 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 84 Resp: 123409
Ion Ratio Lower Upper
84 100
49 112.2 103.6 155.4
51 36.6 33.8 50.6
86 65.3 49.4 74.0

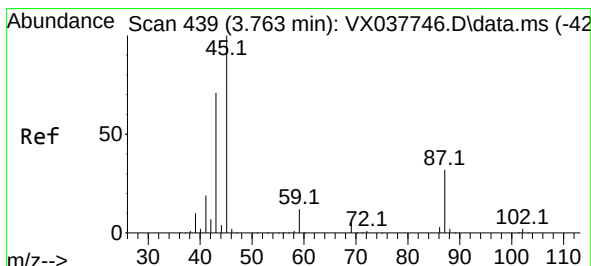
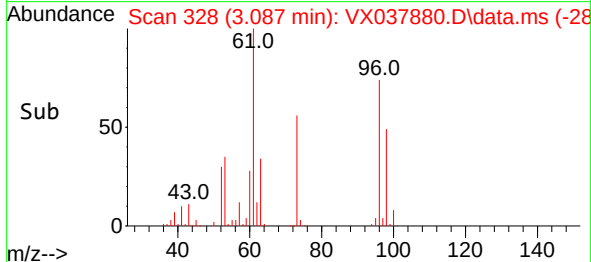
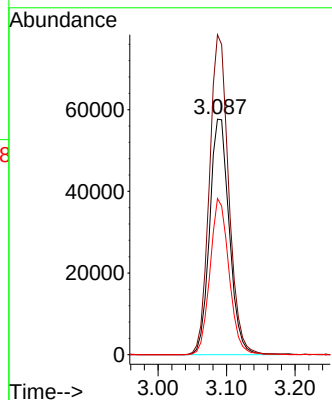
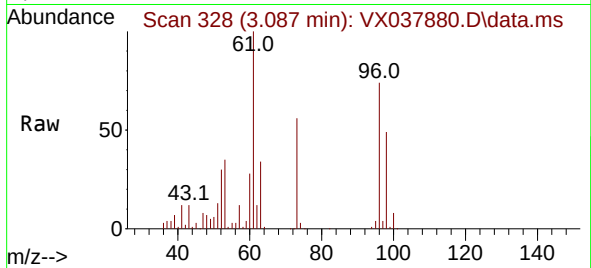




#21
trans-1,2-Dichloroethene
Concen: 47.185 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

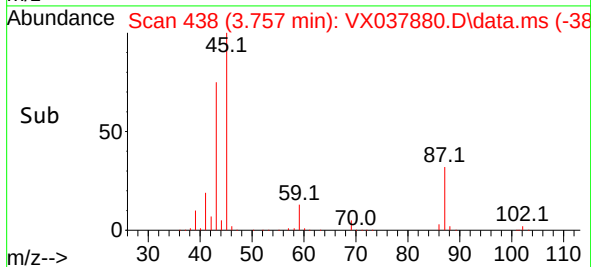
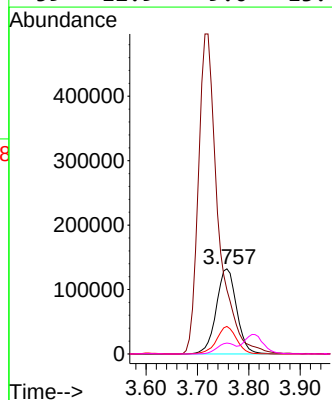
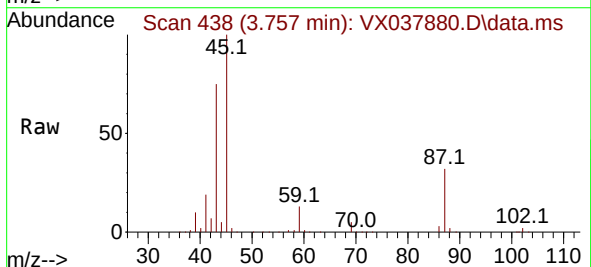
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

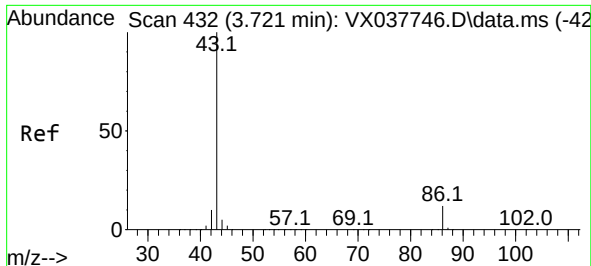
Tgt Ion: 96 Resp: 114829
Ion Ratio Lower Upper
96 100
61 135.9 119.2 178.8
98 66.3 48.7 73.1



#22
Diisopropyl ether
Concen: 47.746 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 45 Resp: 363022
Ion Ratio Lower Upper
45 100
43 75.1 69.7 104.5
87 32.3 20.8 31.2#
59 12.9 9.0 13.4

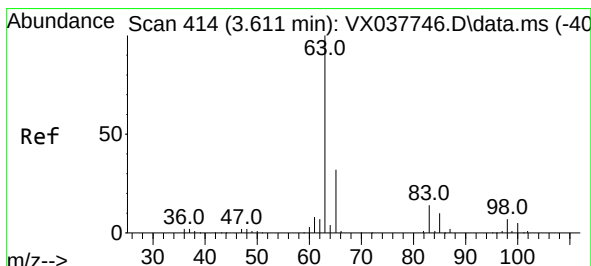
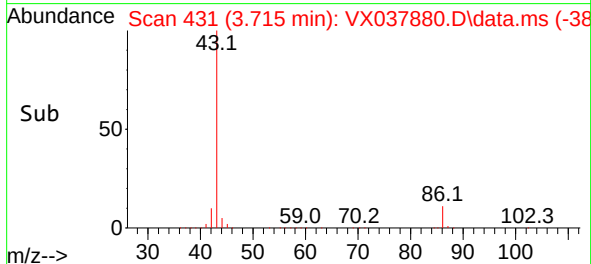
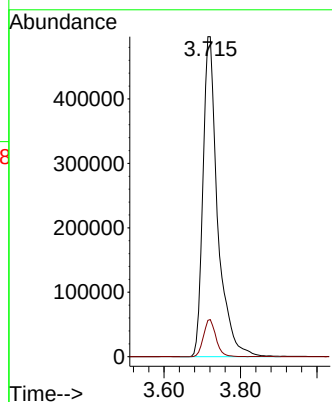
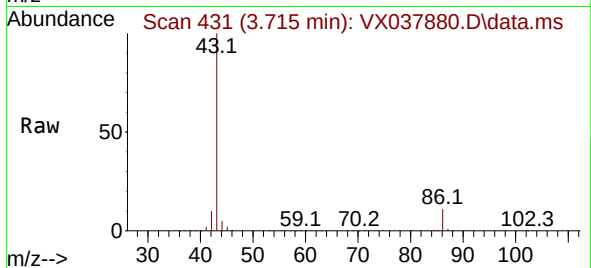




#23
 Vinyl Acetate
 Concen: 237.635 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: VX037880.D
 Acq: 22 Sep 2023 16:44

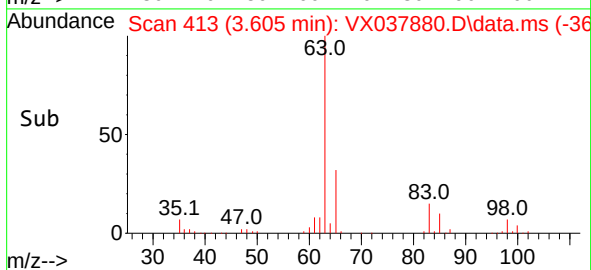
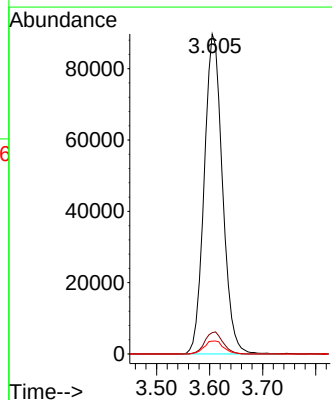
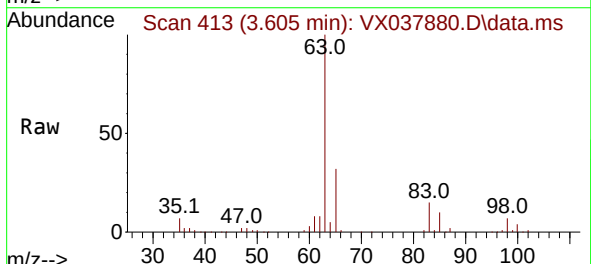
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

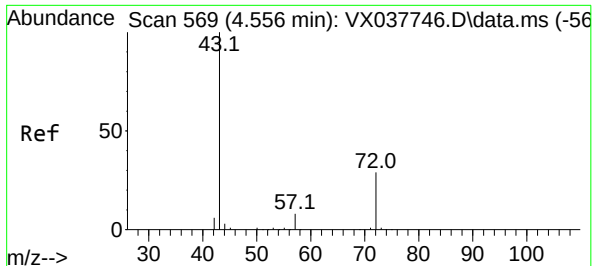
Tgt Ion: 43 Resp: 1328982
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 47.091 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX037880.D
 Acq: 22 Sep 2023 16:44

Tgt Ion: 63 Resp: 214556
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.0 2.1 6.5





#25

2-Butanone

Concen: 217.367 ug/l

RT: 4.550 min Scan# 5

Delta R.T. -0.018 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

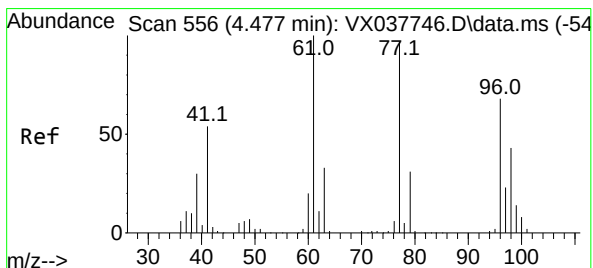
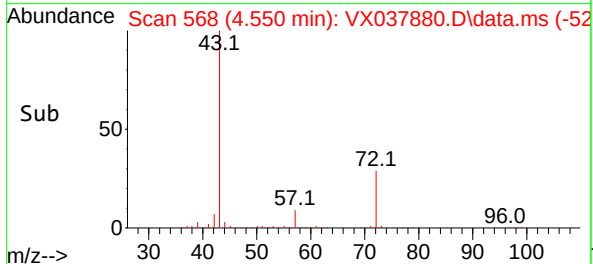
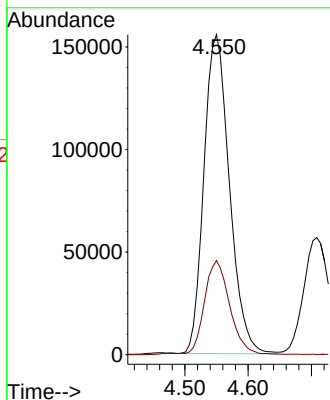
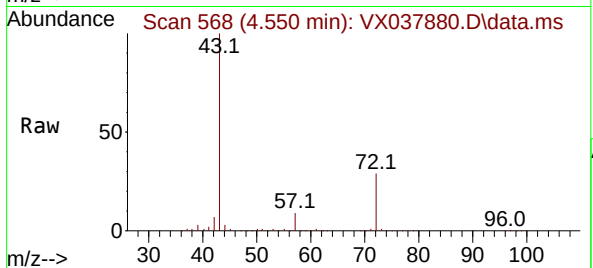
VSTDCCC050EC

Tgt Ion: 43 Resp: 435522

Ion Ratio Lower Upper

43 100

72 29.3 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 48.336 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX037880.D

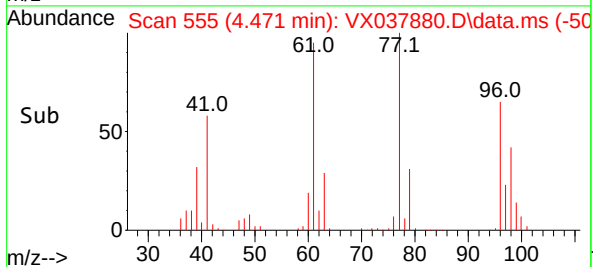
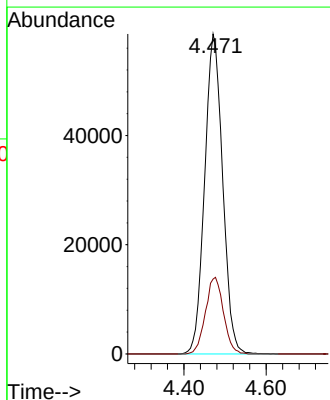
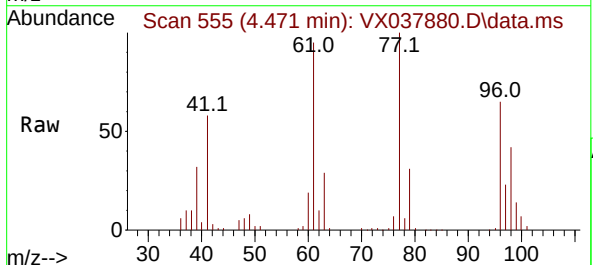
Acq: 22 Sep 2023 16:44

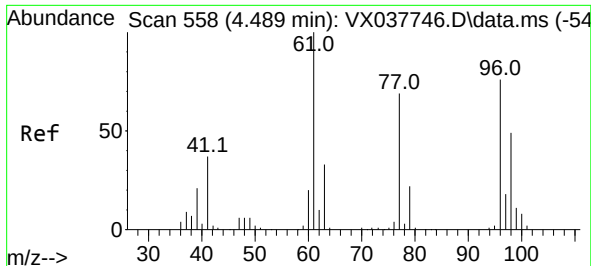
Tgt Ion: 77 Resp: 177948

Ion Ratio Lower Upper

77 100

97 23.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 47.959 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

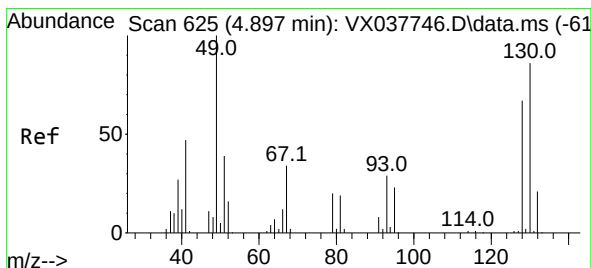
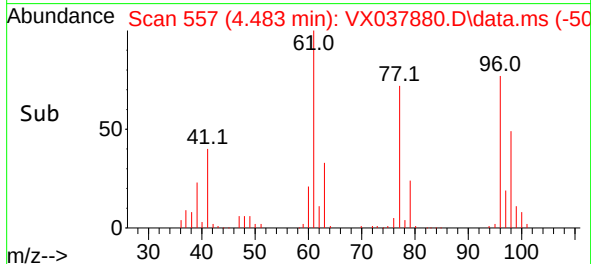
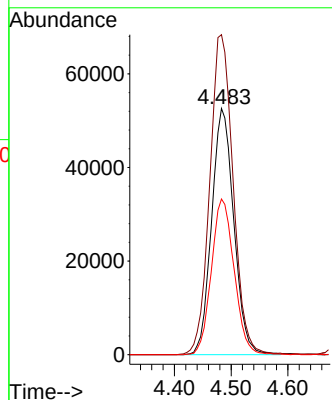
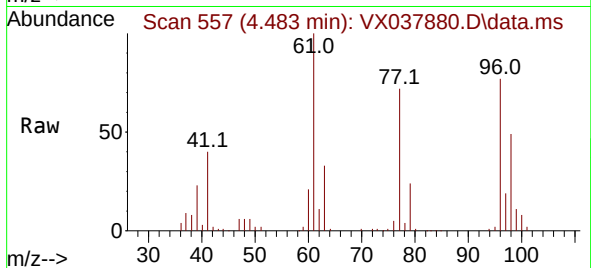
Tgt Ion: 96 Resp: 143085

Ion Ratio Lower Upper

96 100

61 136.9 0.0 312.2

98 64.7 0.0 129.0



#28

Bromochloromethane

Concen: 47.335 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.012 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

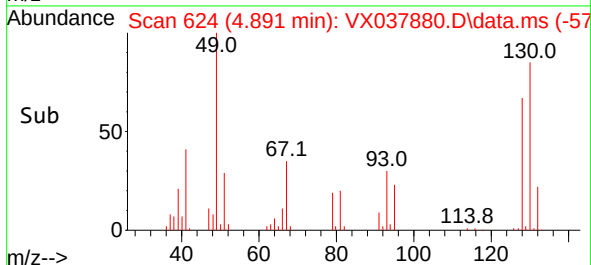
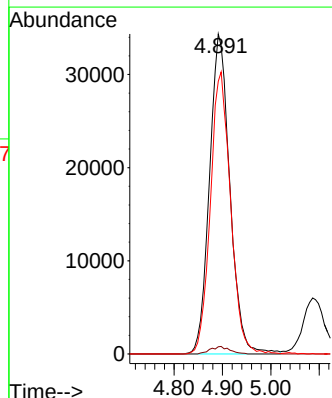
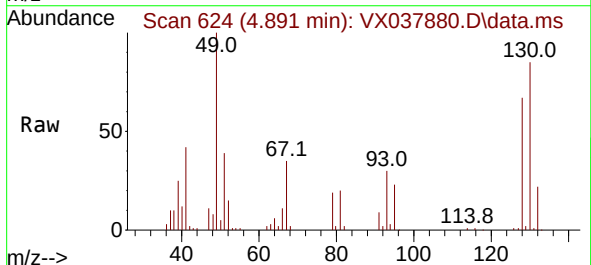
Tgt Ion: 49 Resp: 100611

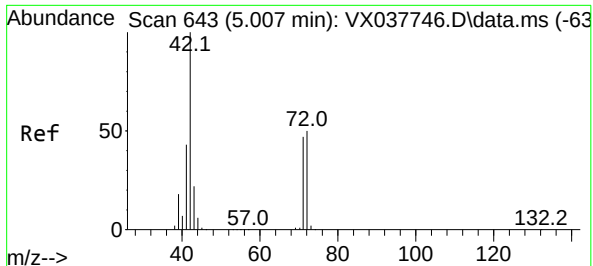
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 87.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 218.771 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.018 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

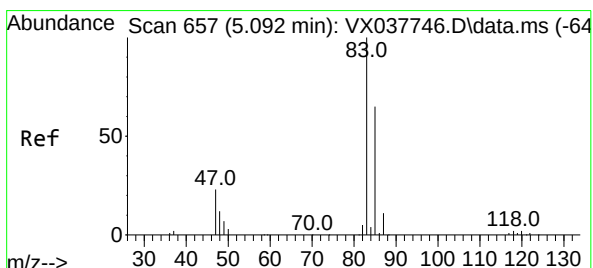
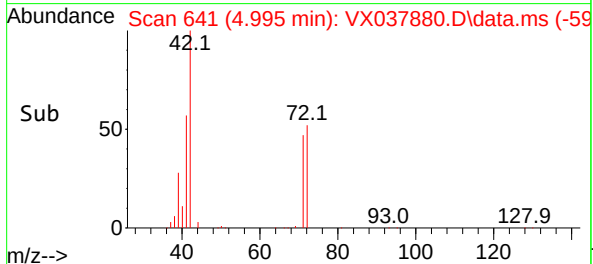
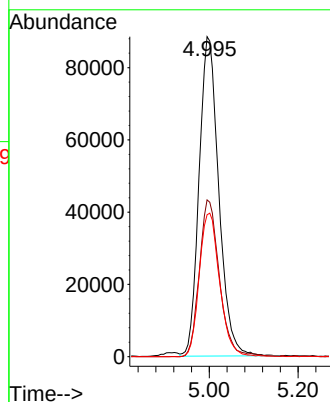
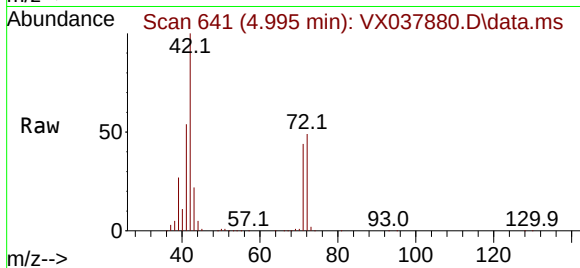
Tgt Ion: 42 Resp: 272653

Ion Ratio Lower Upper

42 100

72 50.1 34.2 51.4

71 46.6 32.2 48.2



#30

Chloroform

Concen: 48.535 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037880.D

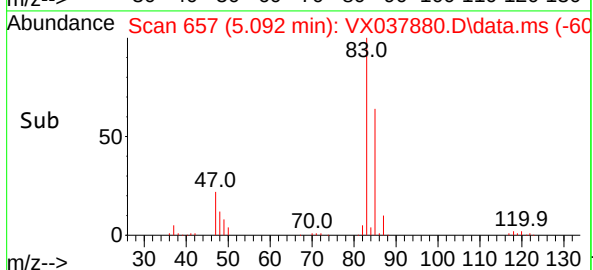
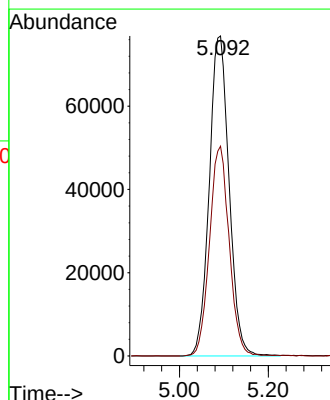
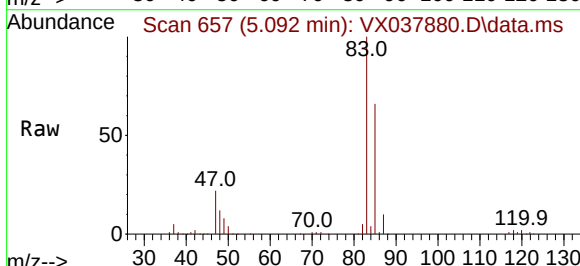
Acq: 22 Sep 2023 16:44

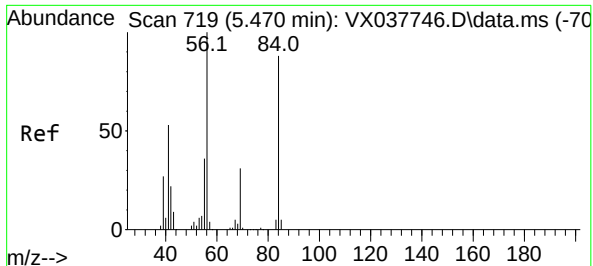
Tgt Ion: 83 Resp: 238215

Ion Ratio Lower Upper

83 100

85 65.5 50.3 75.5

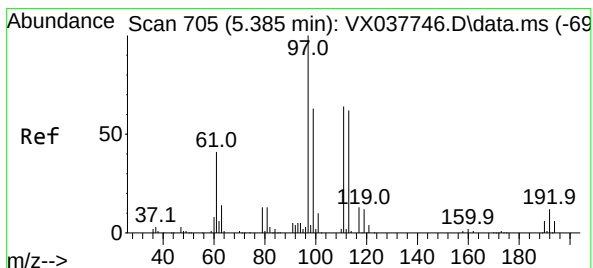
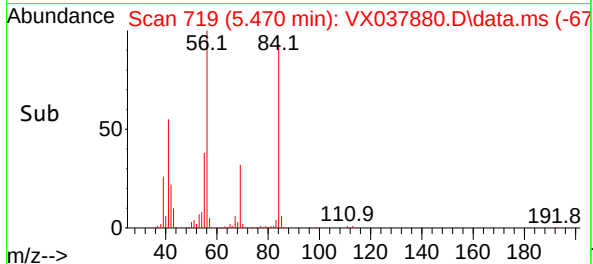
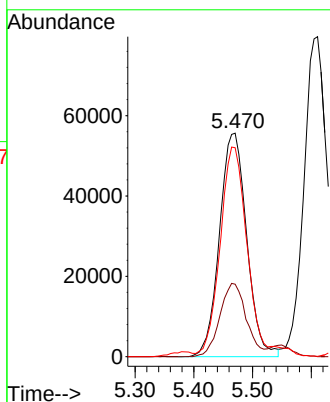
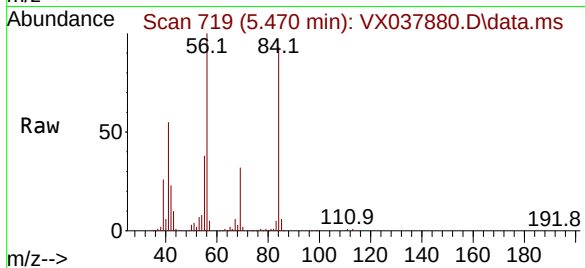




#31
Cyclohexane
Concen: 47.225 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

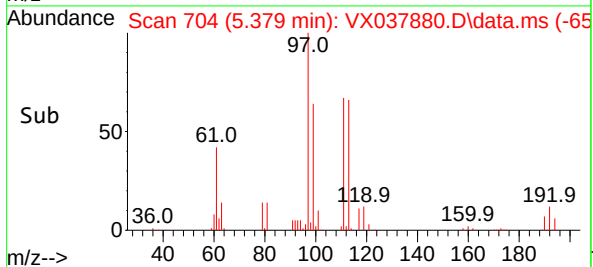
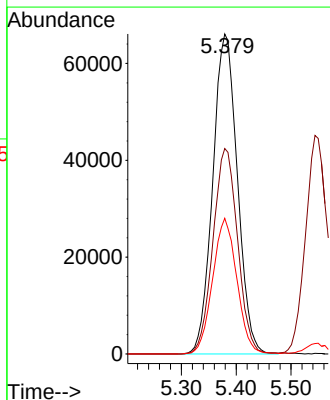
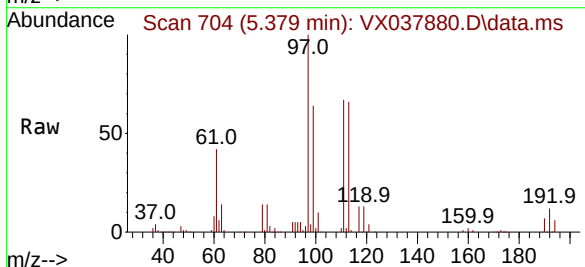
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

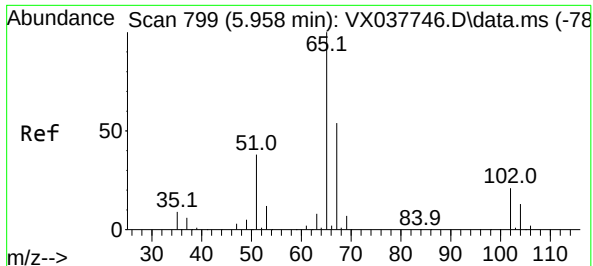
Tgt Ion: 56 Resp: 178898
Ion Ratio Lower Upper
56 100
69 32.5 23.4 35.2
84 91.8 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 49.675 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 97 Resp: 206439
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 41.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.260 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

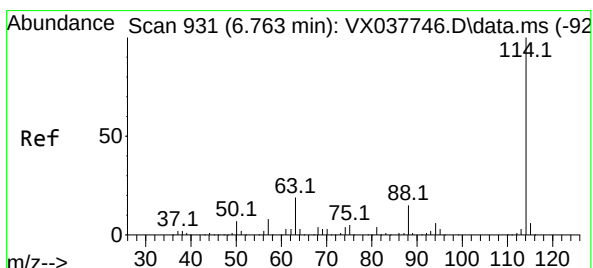
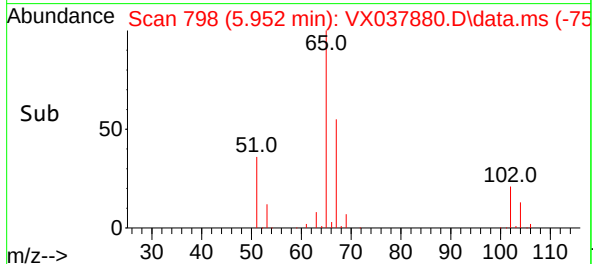
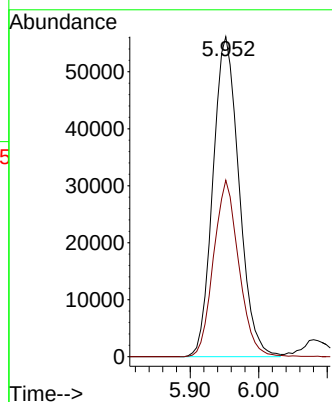
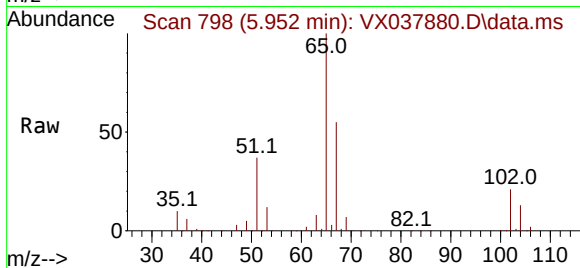
VSTDCCC050EC

Tgt Ion: 65 Resp: 148342

Ion Ratio Lower Upper

65 100

67 53.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

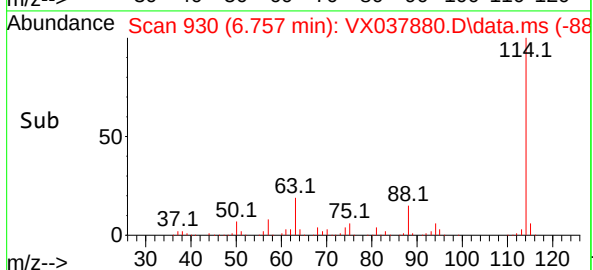
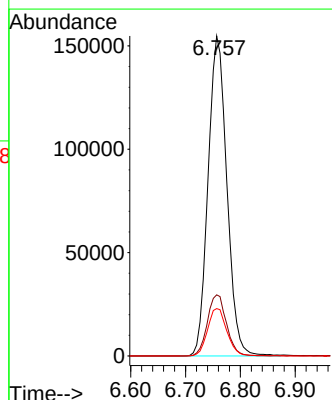
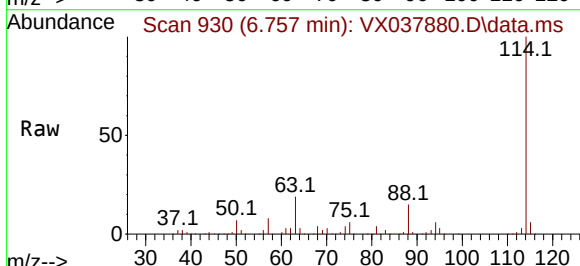
Tgt Ion: 114 Resp: 367950

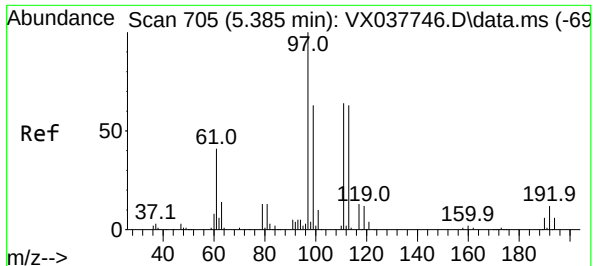
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

88 14.8 0.0 36.6

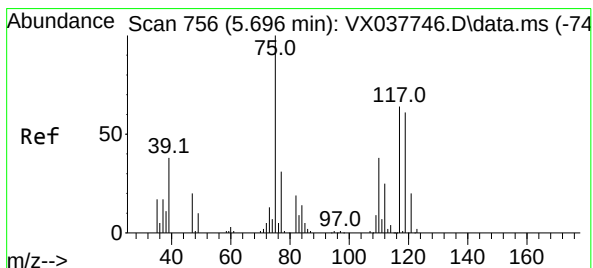
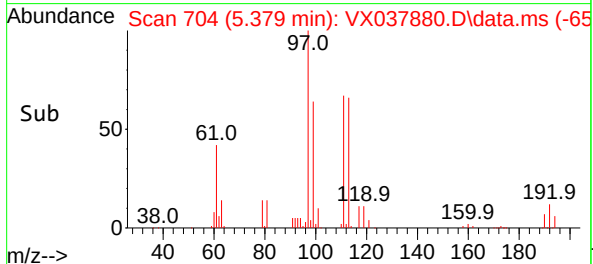
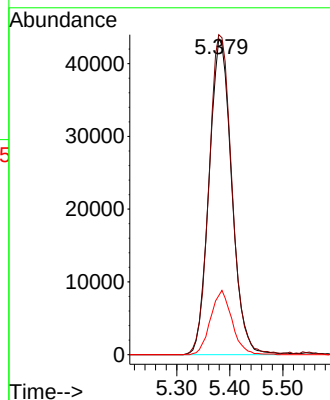
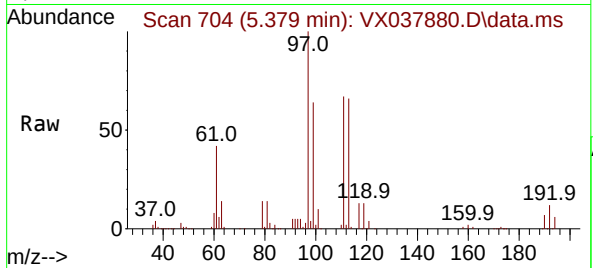




#35
Dibromofluoromethane
Concen: 52.230 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

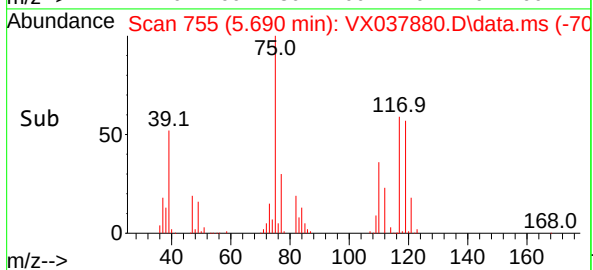
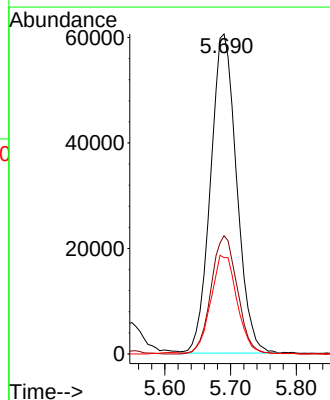
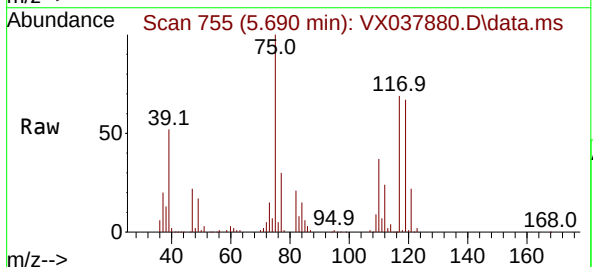
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

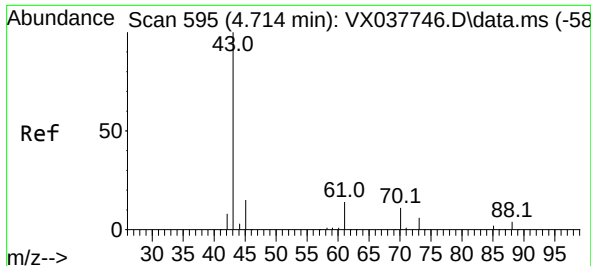
Tgt Ion:113 Resp: 128590
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 19.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 49.278 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 75 Resp: 167126
Ion Ratio Lower Upper
75 100
110 37.3 17.0 50.9
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 45.400 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.025 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

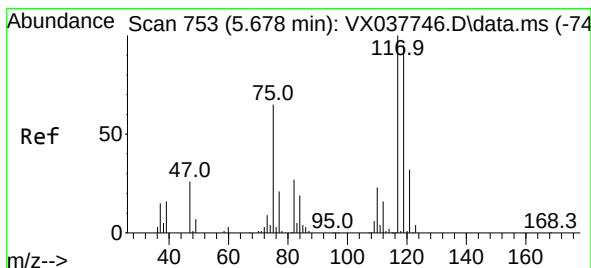
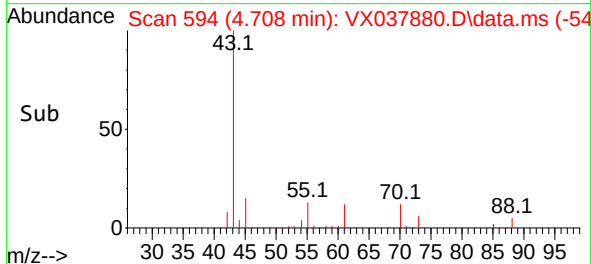
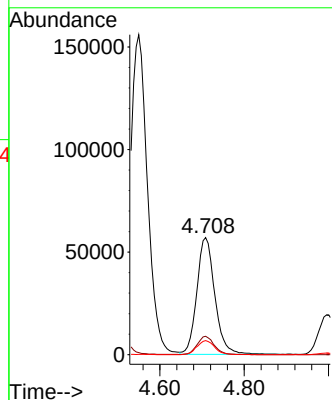
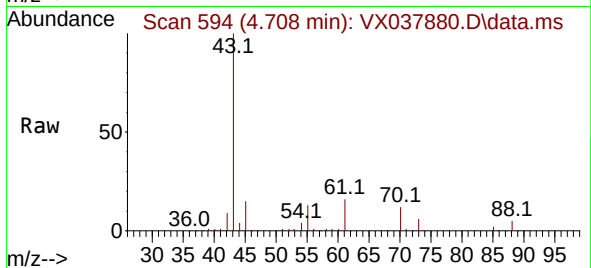
Tgt Ion: 43 Resp: 169269

Ion Ratio Lower Upper

43 100

61 15.1 10.6 16.0

70 11.9 8.3 12.5



#38

Carbon Tetrachloride

Concen: 49.095 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

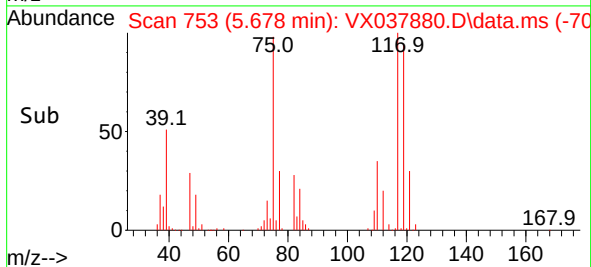
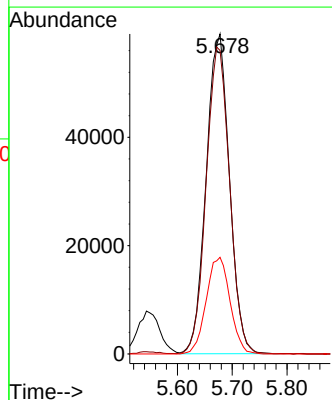
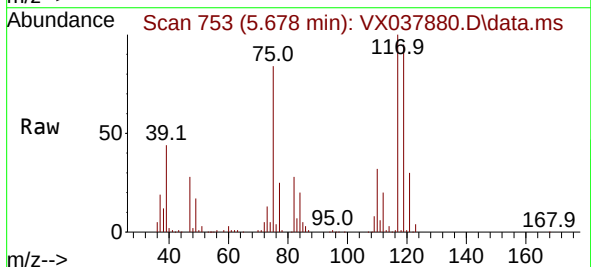
Tgt Ion: 117 Resp: 174217

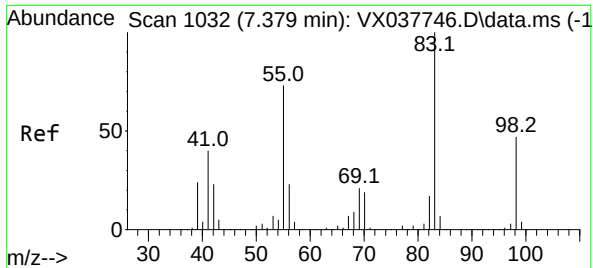
Ion Ratio Lower Upper

117 100

119 94.7 78.2 117.2

121 30.2 24.4 36.6

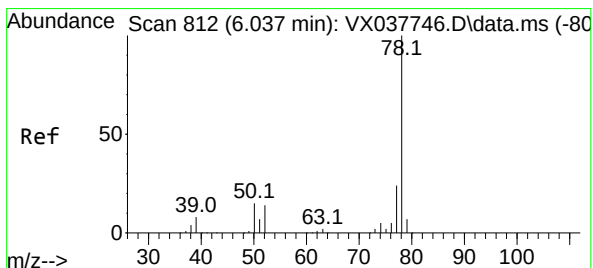
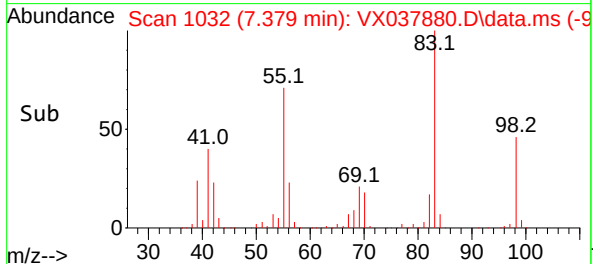
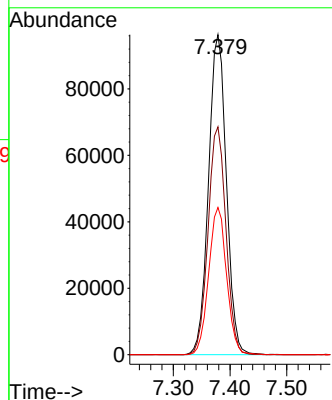
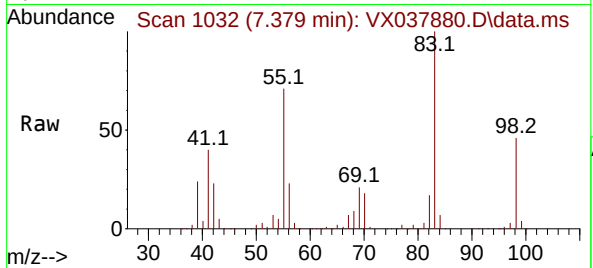




#39
Methylcyclohexane
Concen: 48.981 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

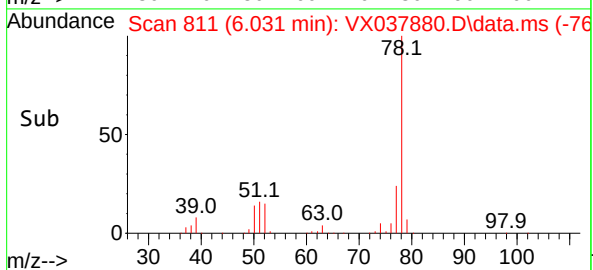
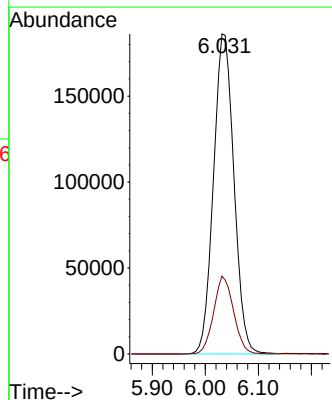
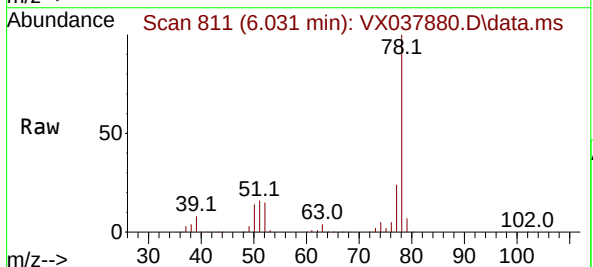
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

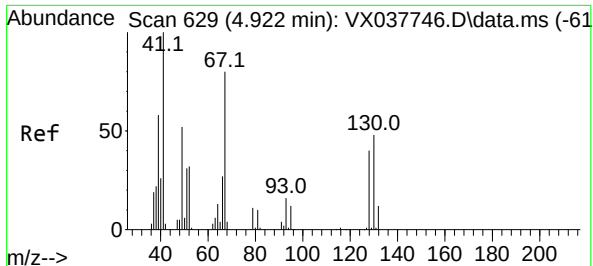
Tgt Ion: 83 Resp: 210833
Ion Ratio Lower Upper
83 100
55 71.2 64.6 97.0
98 46.0 36.7 55.1



#40
Benzene
Concen: 47.836 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.012 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 78 Resp: 498896
Ion Ratio Lower Upper
78 100
77 24.3 19.3 28.9

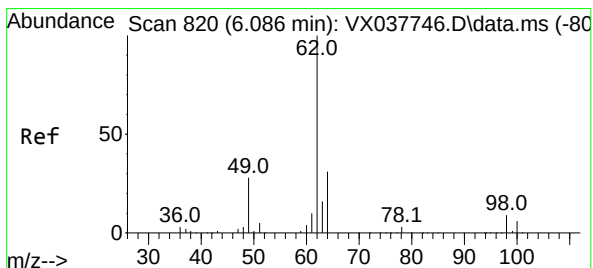
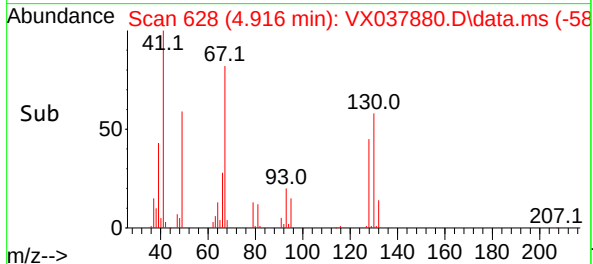
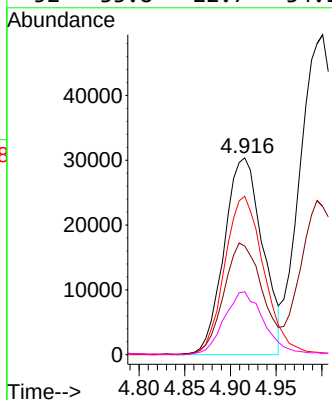
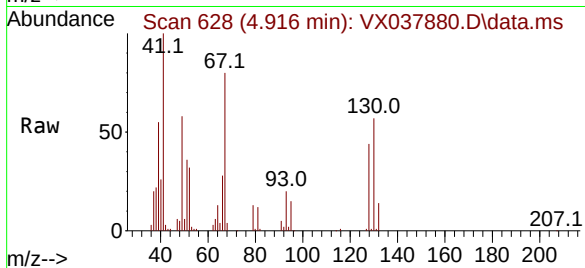




#41
Methacrylonitrile
Concen: 46.747 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.031 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

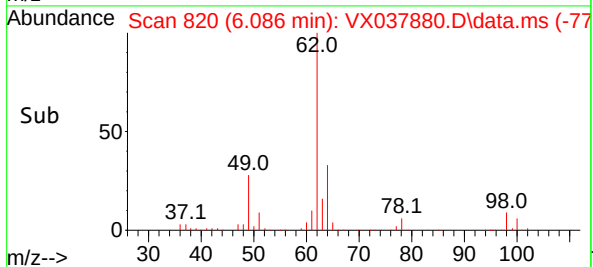
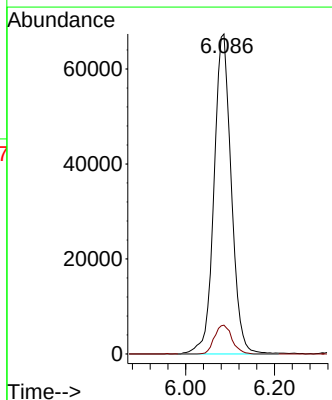
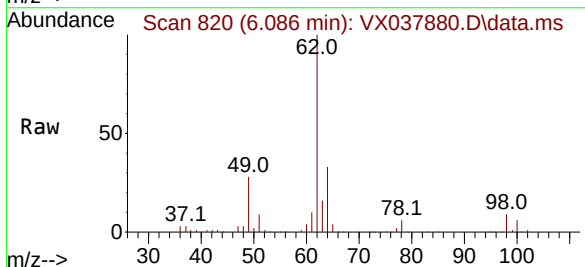
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

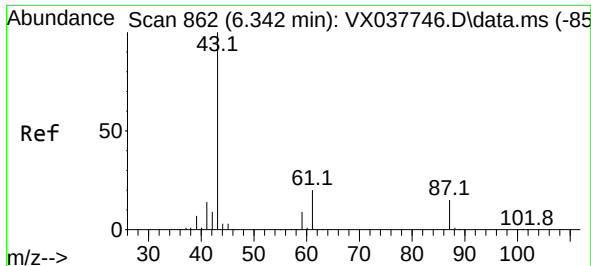
Tgt Ion:	41	Resp:	88870
Ion	Ratio	Lower	Upper
41	100		
39	56.9	45.2	67.8
67	82.8	52.6	78.8#
52	33.8	22.7	34.1



#42
1,2-Dichloroethane
Concen: 48.150 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion:	62	Resp:	181502
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.0

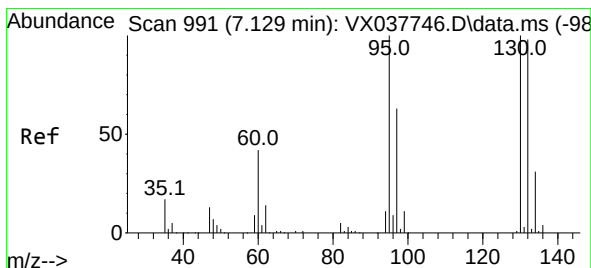
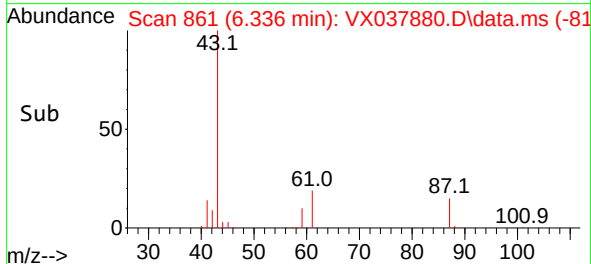
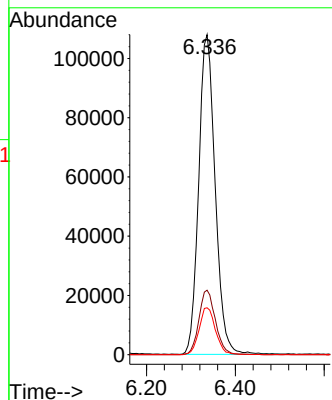
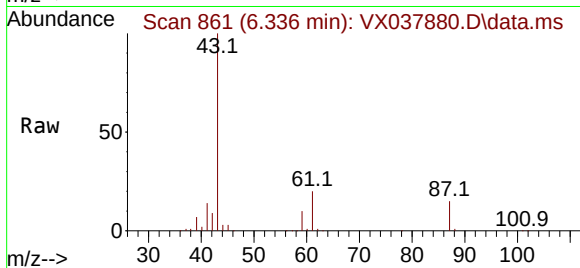




#43
Isopropyl Acetate
Concen: 46.723 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

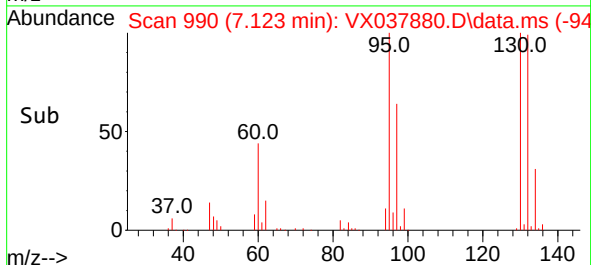
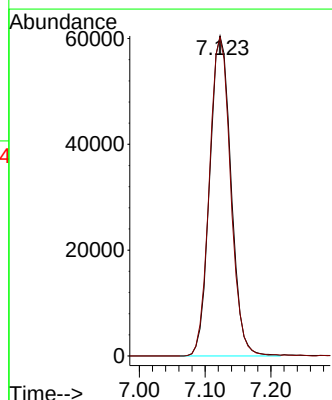
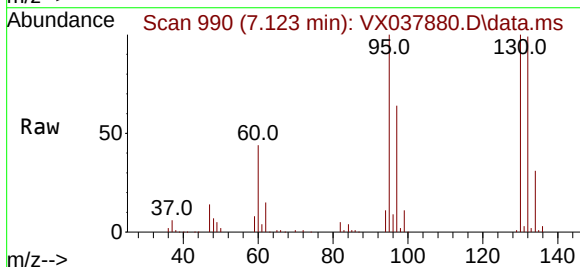
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

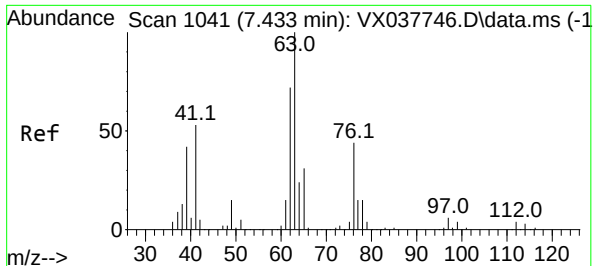
Tgt Ion: 43 Resp: 278552
Ion Ratio Lower Upper
43 100
61 20.3 15.2 22.8
87 14.6 9.8 14.6



#44
Trichloroethene
Concen: 47.016 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.012 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion:130 Resp: 136554
Ion Ratio Lower Upper
130 100
95 99.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 48.608 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

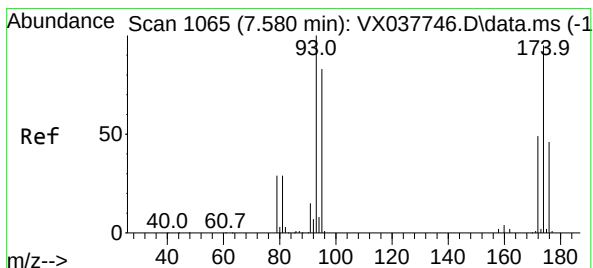
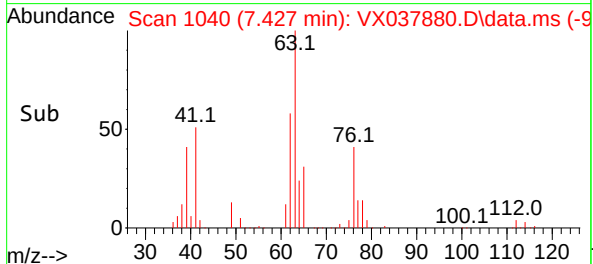
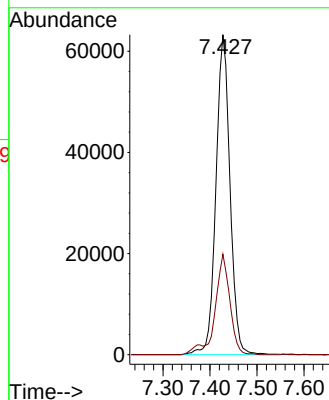
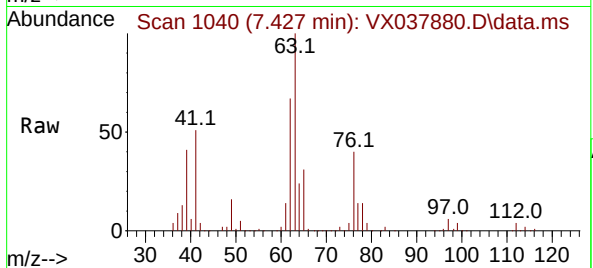
VSTDCCC050EC

Tgt Ion: 63 Resp: 131651

Ion Ratio Lower Upper

63 100

65 31.4 24.3 36.5



#46

Dibromomethane

Concen: 48.716 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

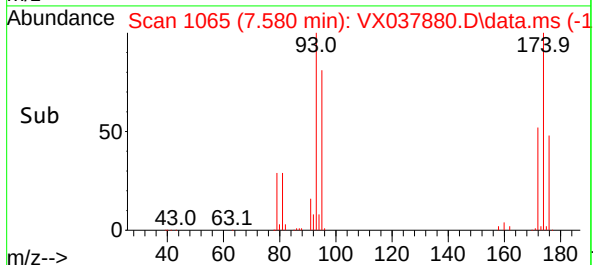
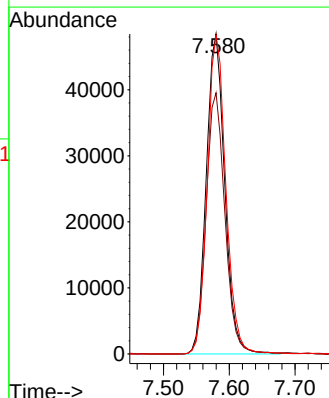
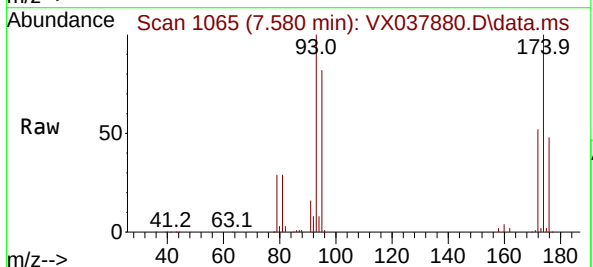
Tgt Ion: 93 Resp: 94913

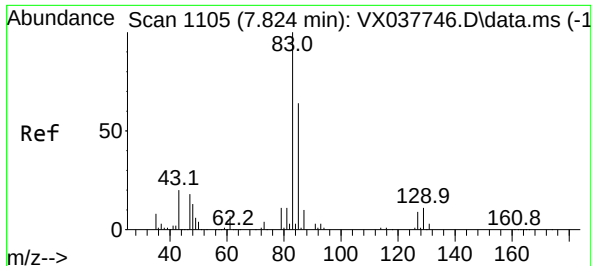
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 100.0 69.4 104.0

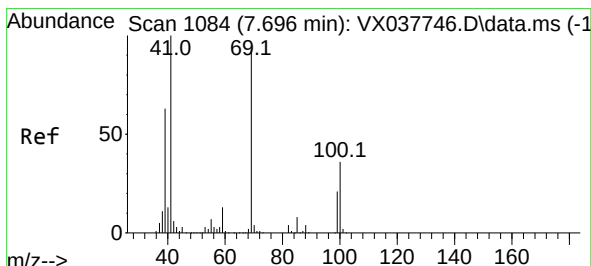
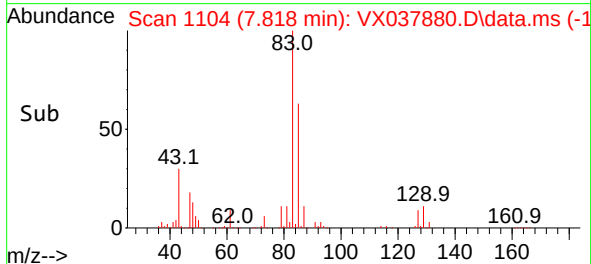
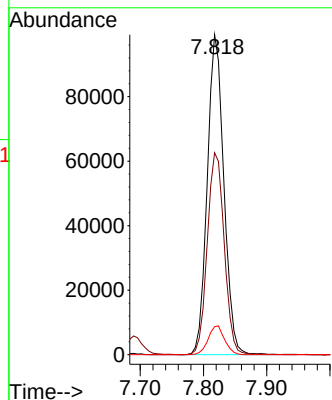
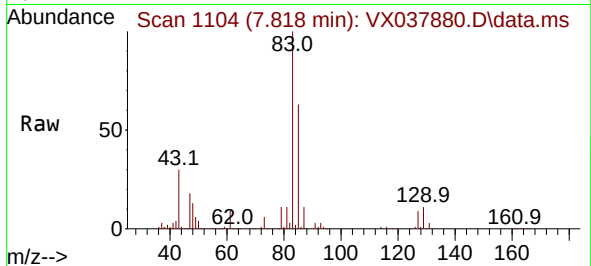




#47
Bromodichloromethane
Concen: 50.420 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

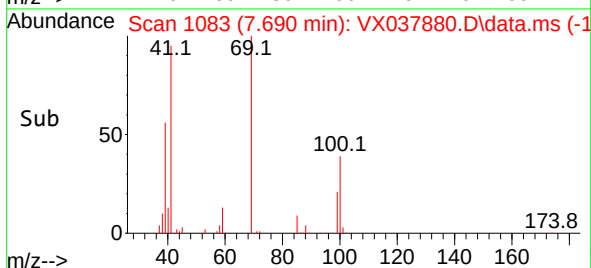
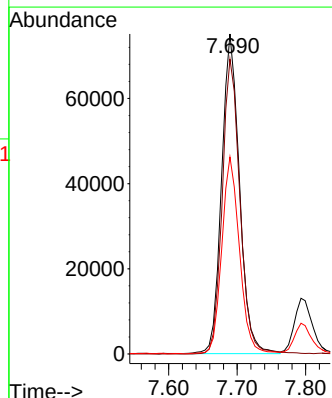
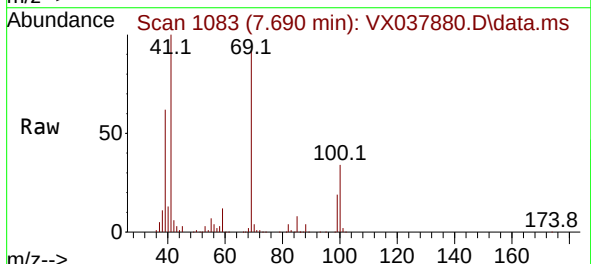
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

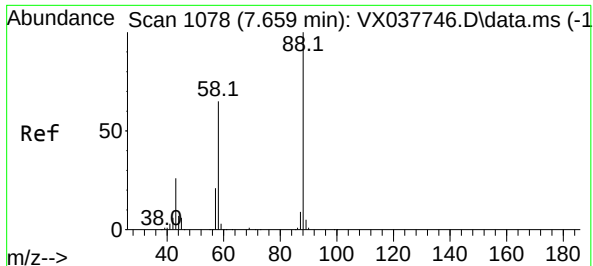
Tgt Ion: 83 Resp: 180915
Ion Ratio Lower Upper
83 100
85 63.1 49.8 74.6
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 47.611 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.012 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 41 Resp: 135691
Ion Ratio Lower Upper
41 100
69 91.6 59.2 88.8#
39 60.9 47.7 71.5





#49

1,4-Dioxane

Concen: 831.900 ug/l

RT: 7.653 min Scan# 1

Delta R.T. -0.018 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

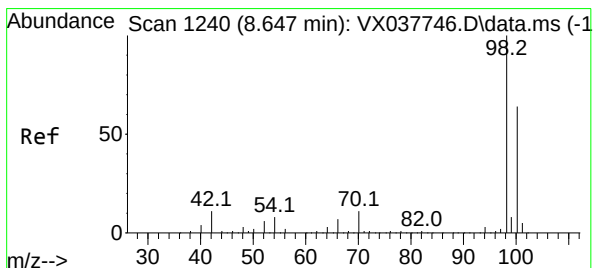
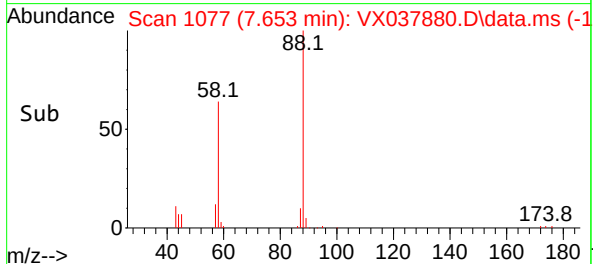
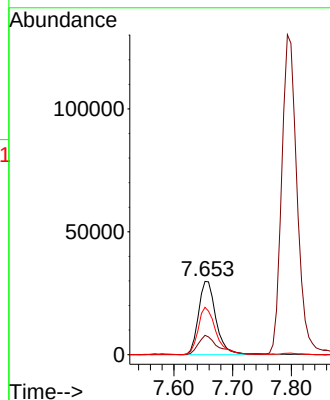
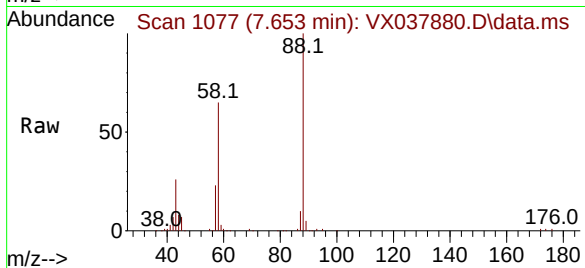
Tgt Ion: 88 Resp: 62157

Ion Ratio Lower Upper

88 100

43 30.0 0.0 0.0#

58 65.6 60.1 90.1



#50

Toluene-d8

Concen: 52.682 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037880.D

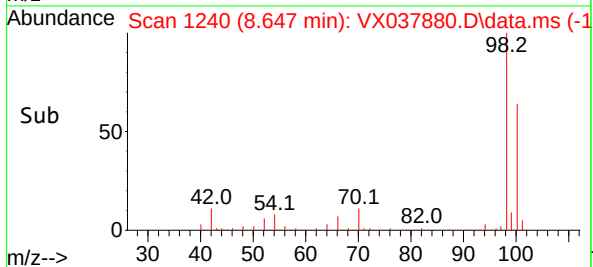
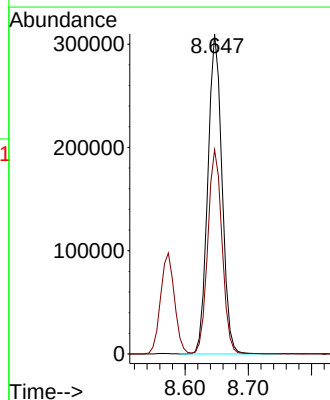
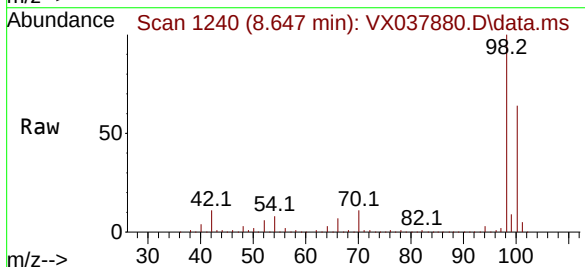
Acq: 22 Sep 2023 16:44

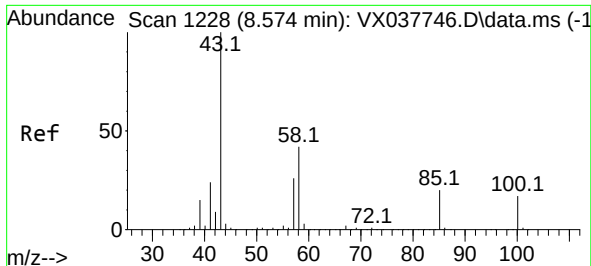
Tgt Ion: 98 Resp: 481921

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7

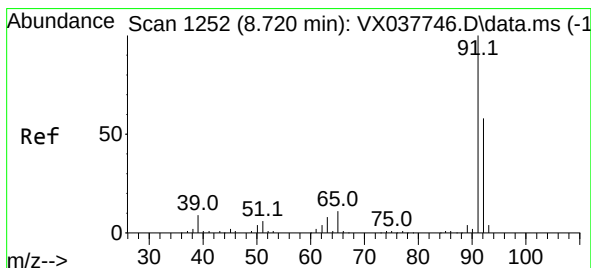
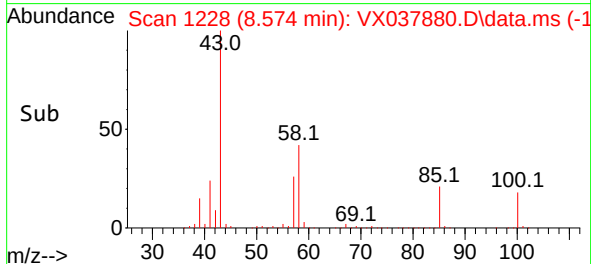
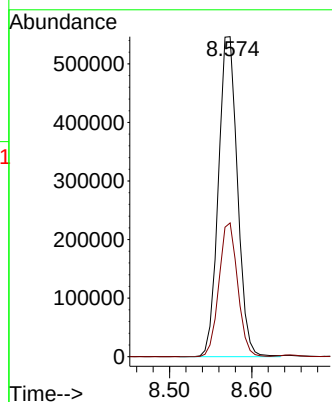
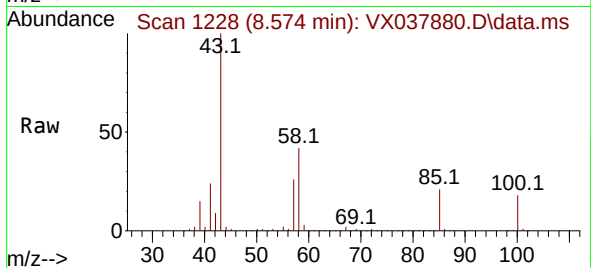




#51
4-Methyl-2-Pentanone
Concen: 232.360 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

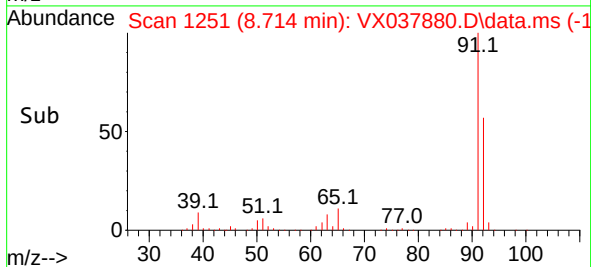
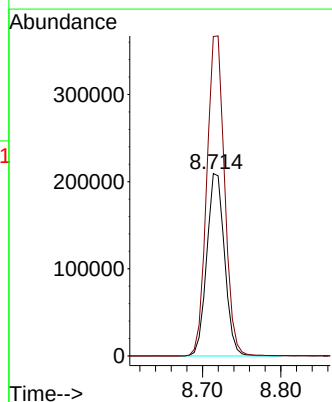
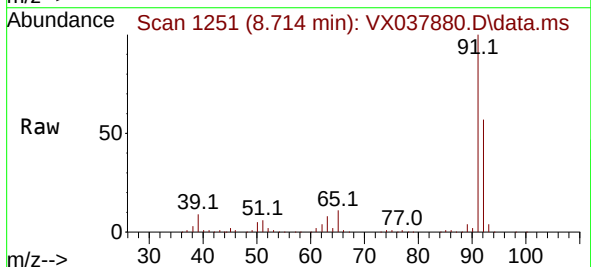
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

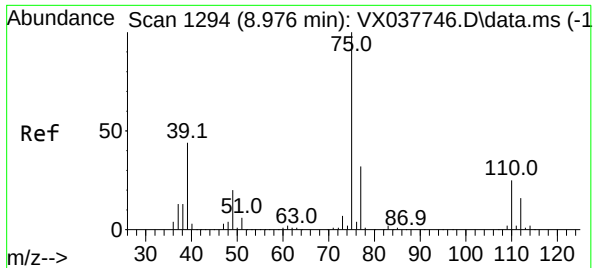
Tgt Ion: 43 Resp: 878912
Ion Ratio Lower Upper
43 100
58 41.1 30.4 45.6



#52
Toluene
Concen: 48.976 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 92 Resp: 329187
Ion Ratio Lower Upper
92 100
91 175.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 52.258 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.012 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

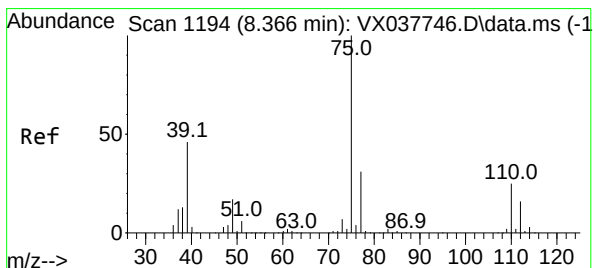
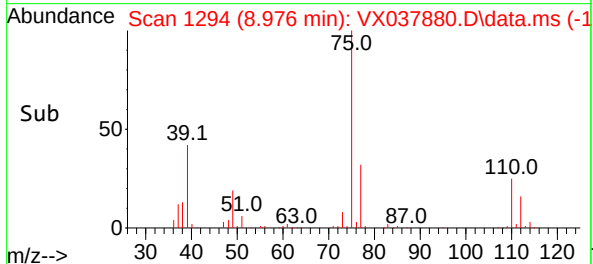
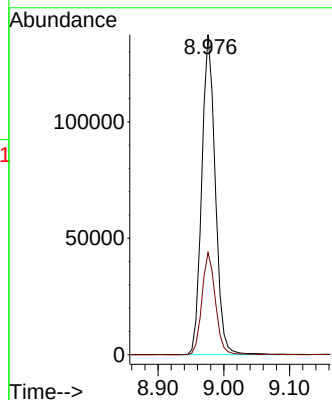
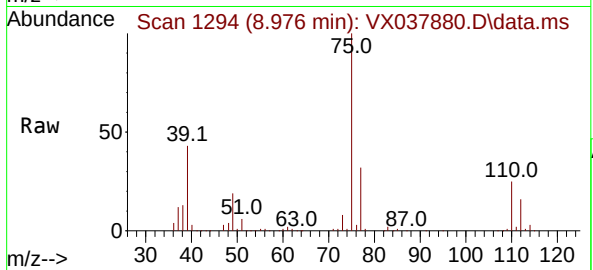
VSTDCCC050EC

Tgt Ion: 75 Resp: 196064

Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 50.573 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

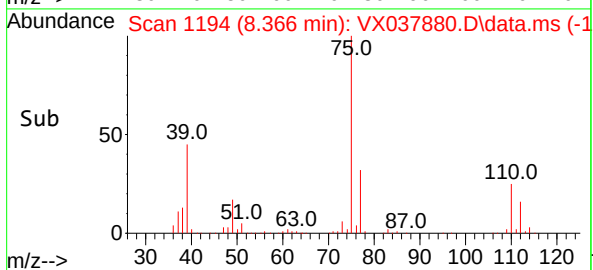
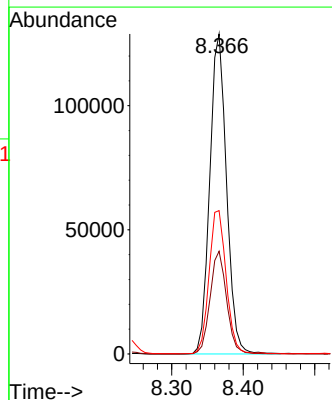
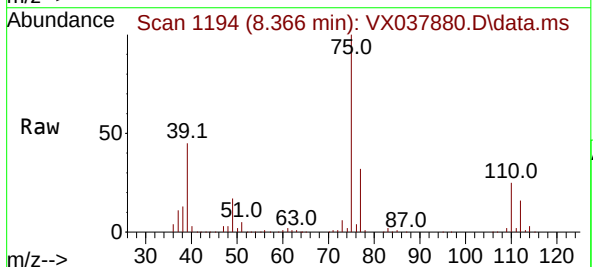
Tgt Ion: 75 Resp: 209993

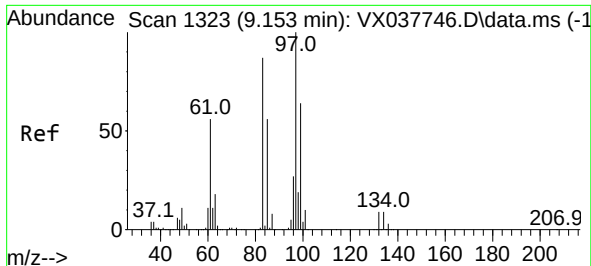
Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

39 44.7 46.7 70.1#

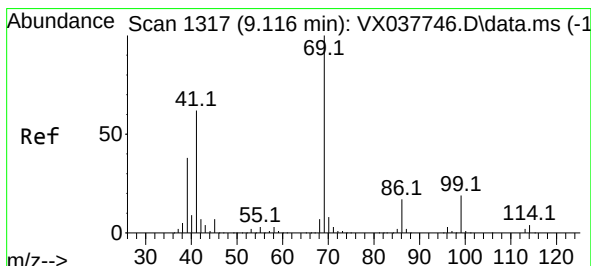
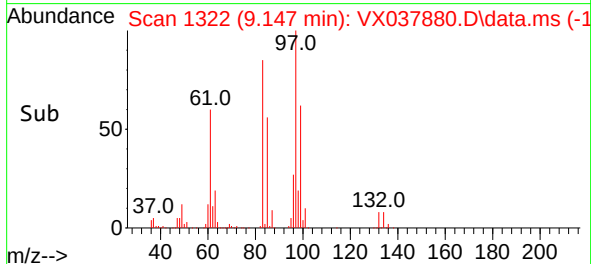
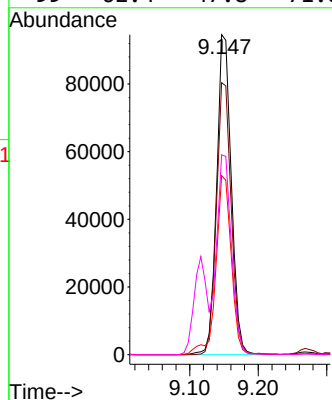
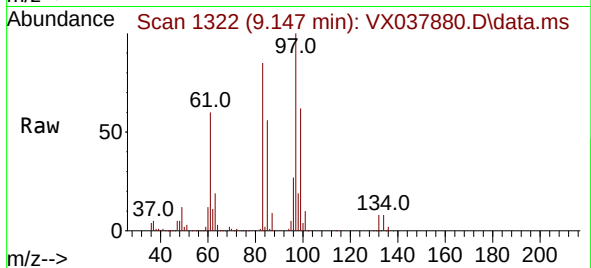




#55
1,1,2-Trichloroethane
Concen: 49.644 ug/l
RT: 9.147 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

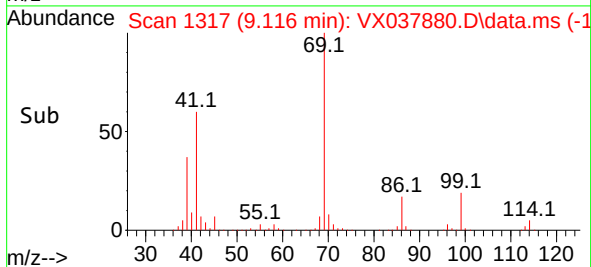
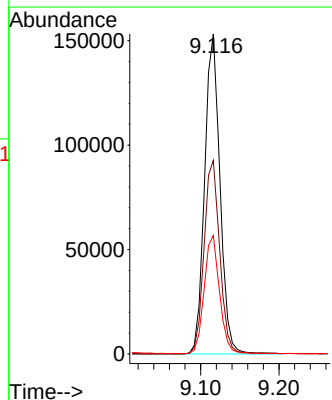
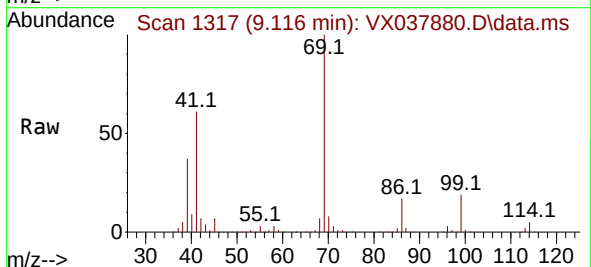
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

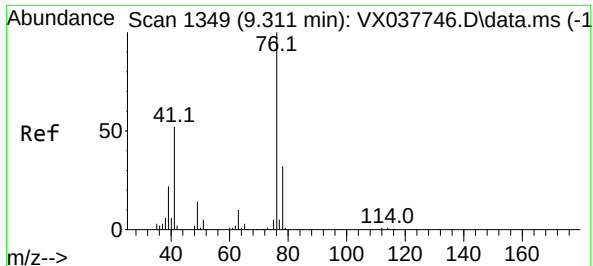
Tgt Ion:	97	Resp:	140683
Ion	Ratio	Lower	Upper
97	100		
83	85.0	65.8	98.8
85	55.9	41.6	62.4
99	62.4	47.8	71.8



#56
Ethyl methacrylate
Concen: 49.308 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion:	69	Resp:	208604
Ion	Ratio	Lower	Upper
69	100		
41	61.6	56.8	85.2
39	36.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 48.930 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

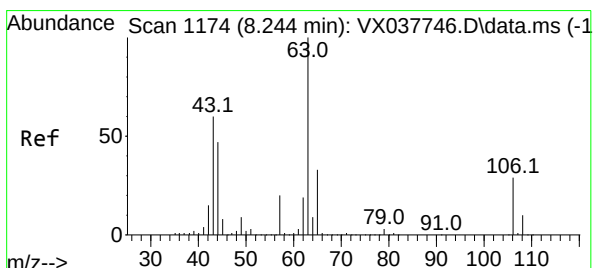
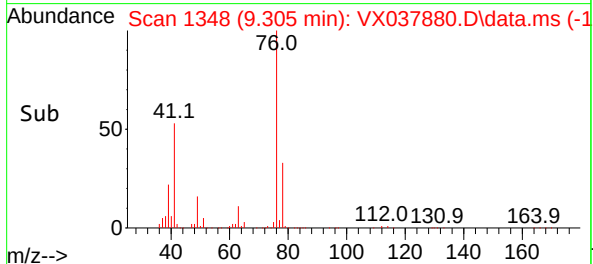
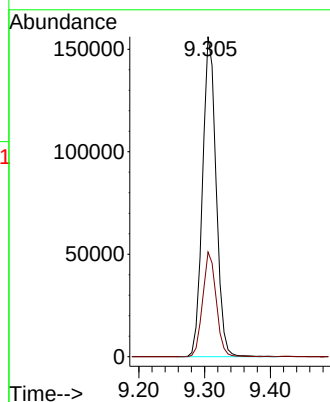
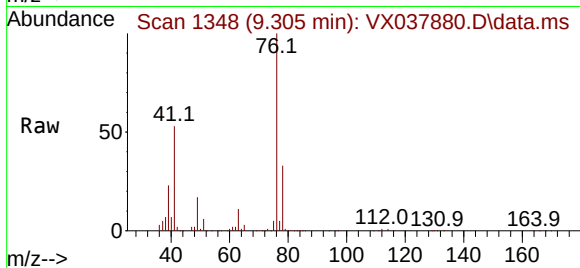
VSTDCCC050EC

Tgt Ion: 76 Resp: 224382

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 231.107 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037880.D

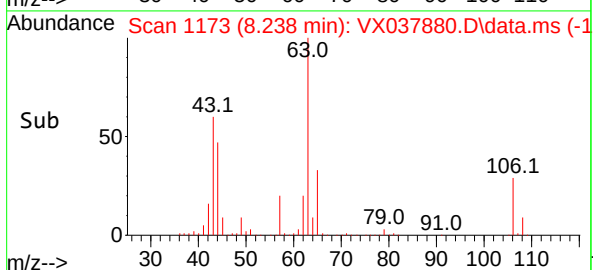
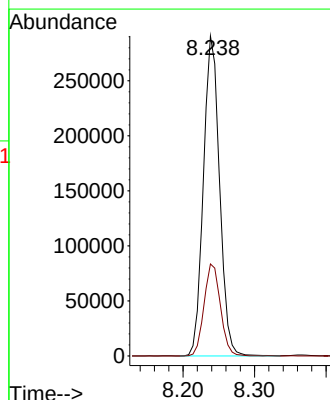
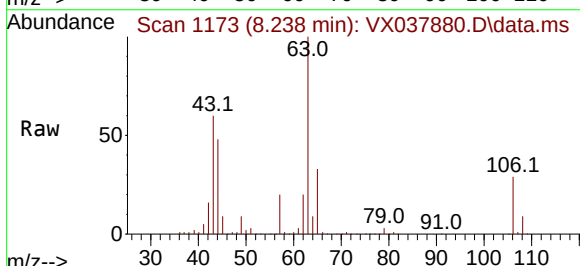
Acq: 22 Sep 2023 16:44

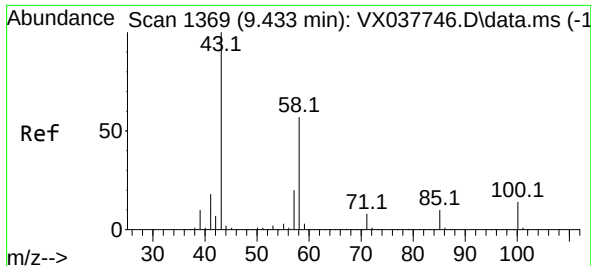
Tgt Ion: 63 Resp: 456546

Ion Ratio Lower Upper

63 100

106 29.2 22.5 33.7

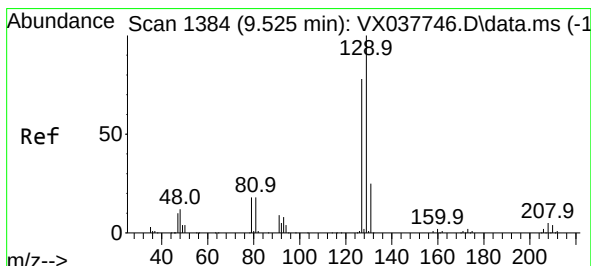
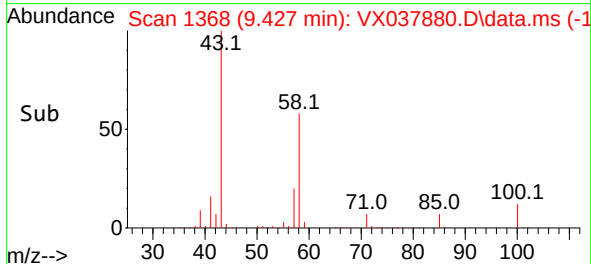
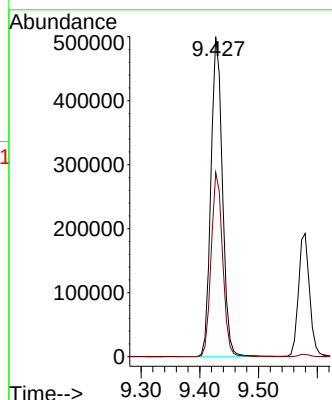
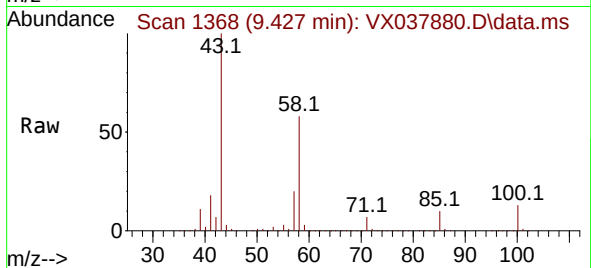




#59
2-Hexanone
Concen: 230.809 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

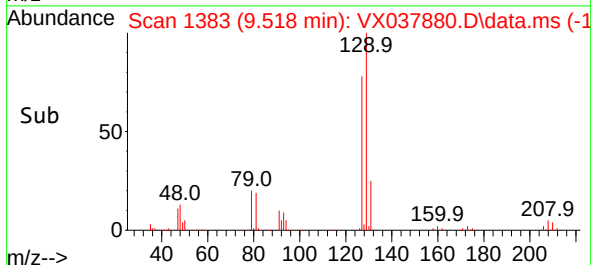
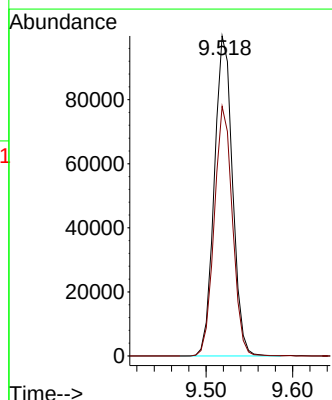
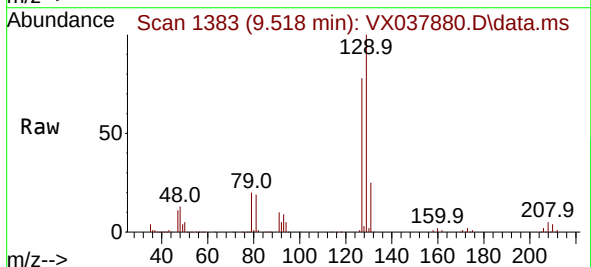
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

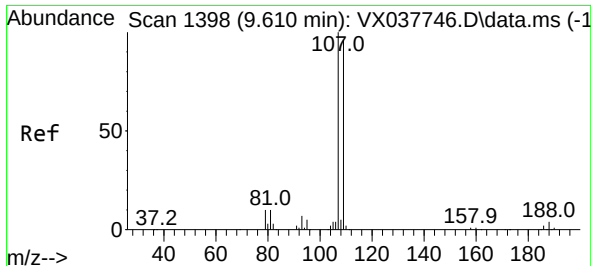
Tgt Ion: 43 Resp: 679754
Ion Ratio Lower Upper
43 100
58 57.4 26.2 78.5



#60
Dibromochloromethane
Concen: 51.591 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 129 Resp: 145645
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4

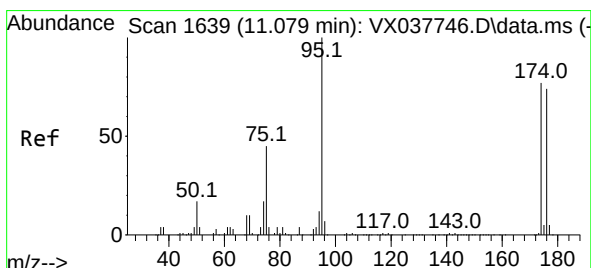
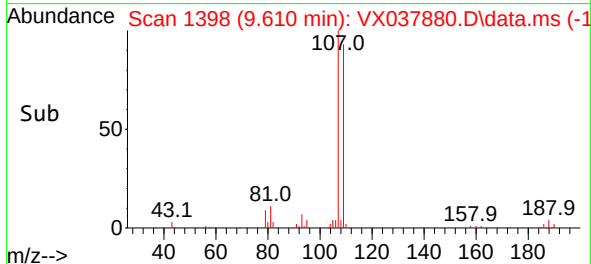
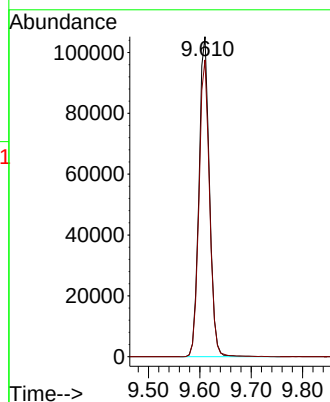
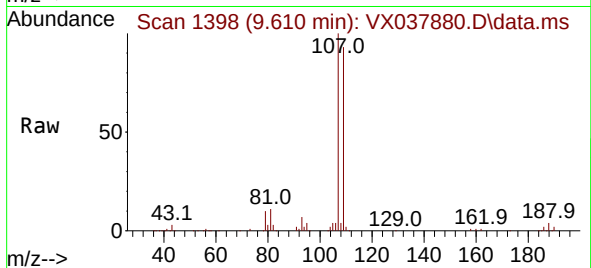




#61
1,2-Dibromoethane
Concen: 49.746 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

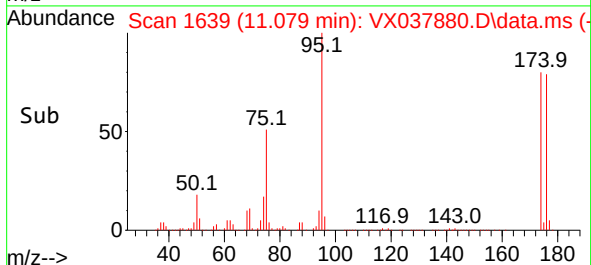
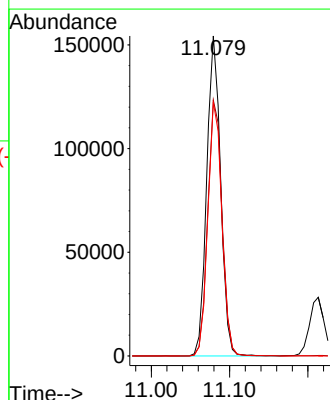
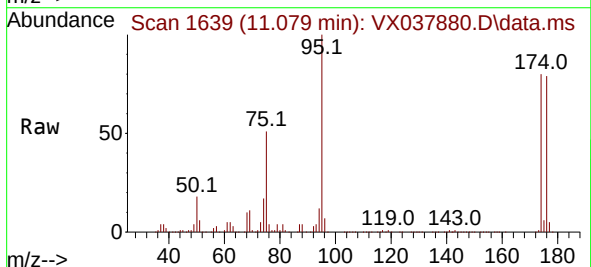
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

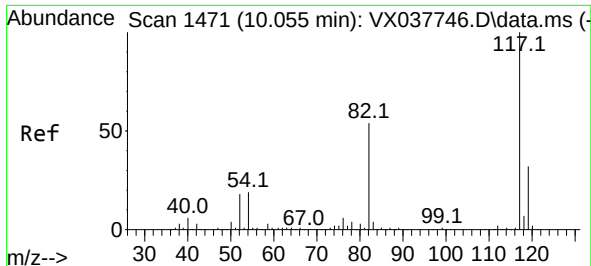
Tgt Ion:107 Resp: 149259
Ion Ratio Lower Upper
107 100
109 93.4 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 56.856 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 95 Resp: 188996
Ion Ratio Lower Upper
95 100
174 82.6 0.0 135.6
176 80.4 0.0 131.0

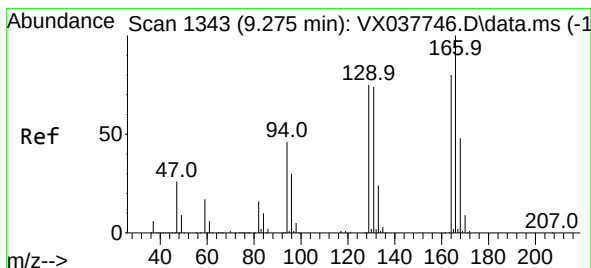
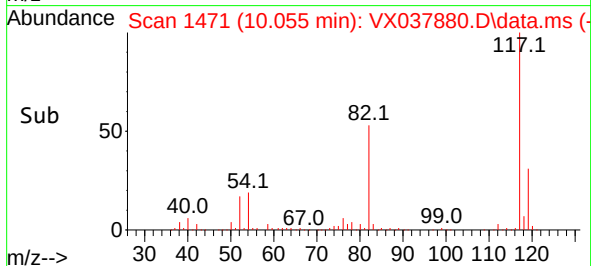
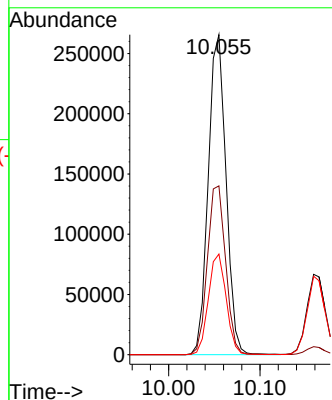
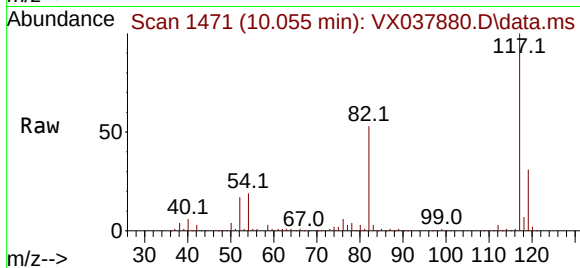




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

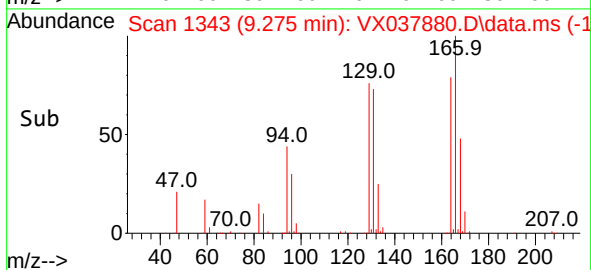
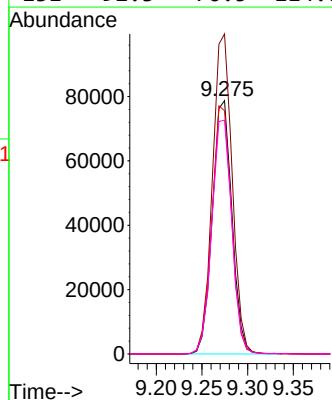
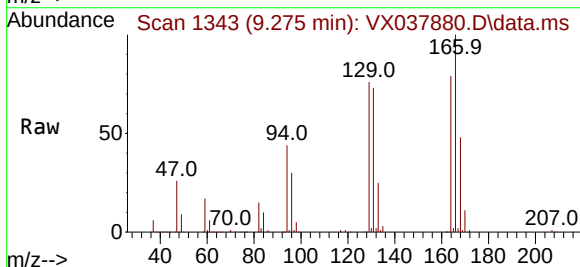
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

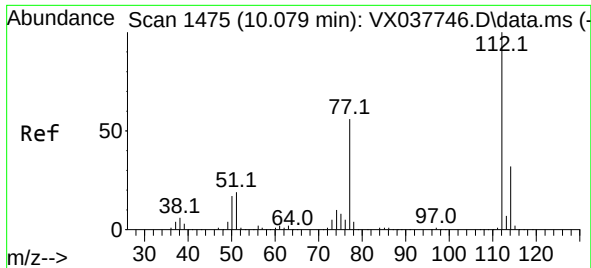
Tgt Ion:117 Resp: 358833
Ion Ratio Lower Upper
117 100
82 52.7 46.2 69.4
119 31.5 25.5 38.3



#64
Tetrachloroethene
Concen: 47.866 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion:164 Resp: 117137
Ion Ratio Lower Upper
164 100
166 126.4 102.7 154.1
129 96.0 80.4 120.6
131 92.3 76.5 114.7

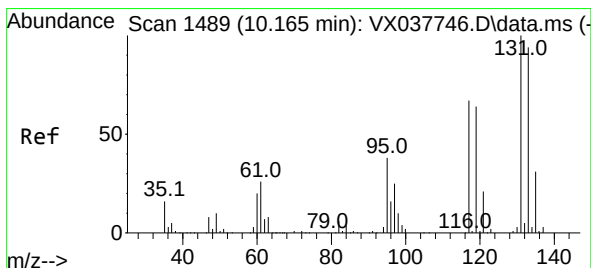
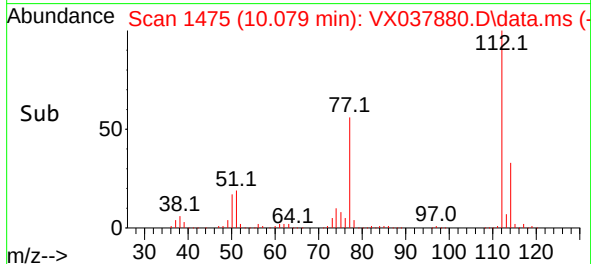
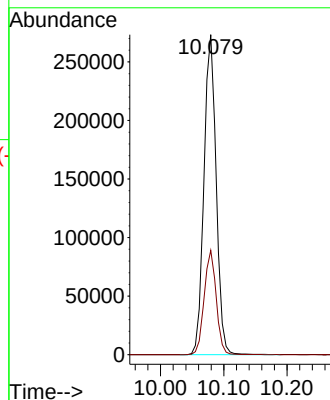
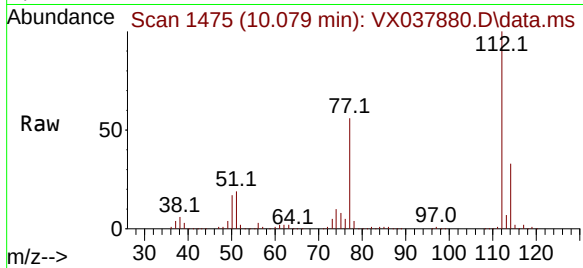




#65
Chlorobenzene
Concen: 47.574 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

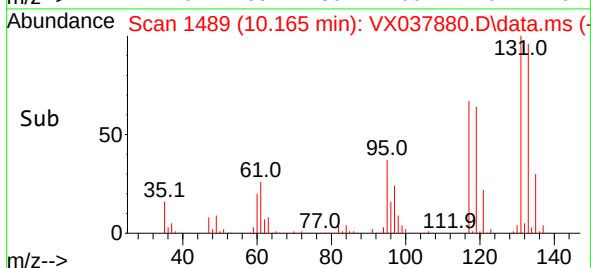
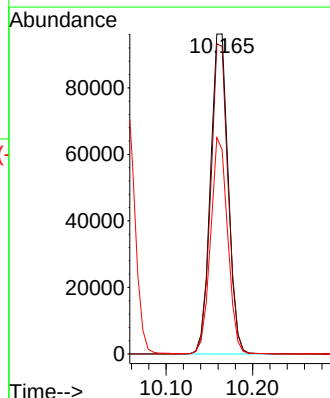
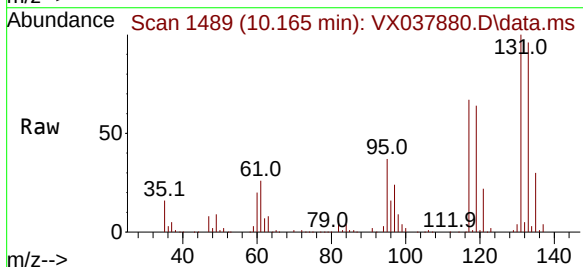
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

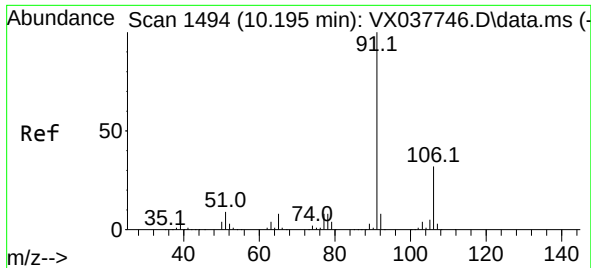
Tgt Ion:112 Resp: 368224
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.668 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion:131 Resp: 136236
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.4
119 65.5 32.2 96.6

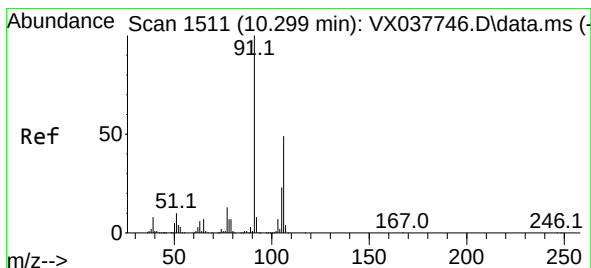
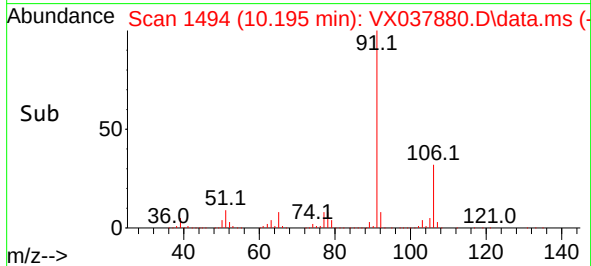
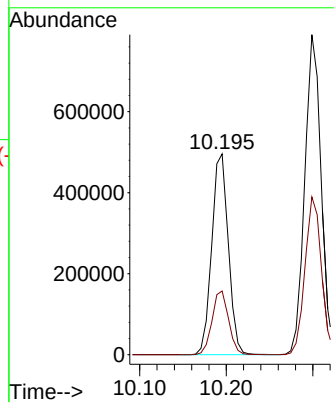
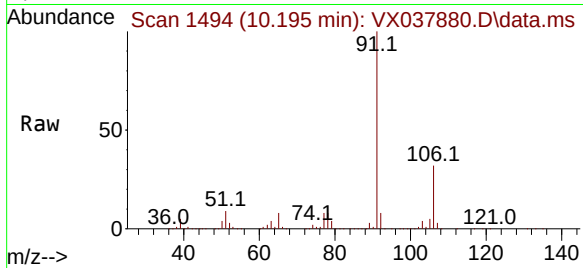




#67
Ethyl Benzene
Concen: 49.095 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

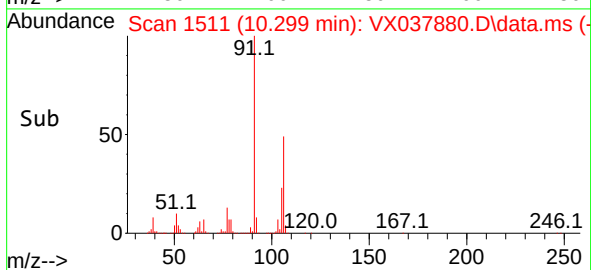
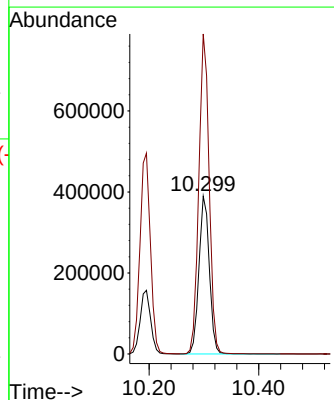
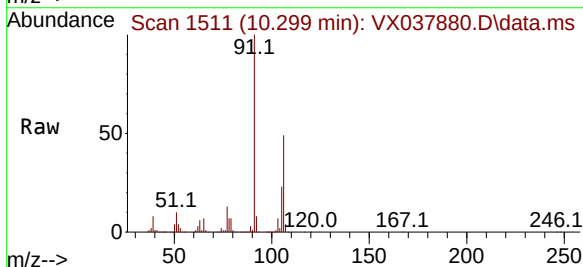
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

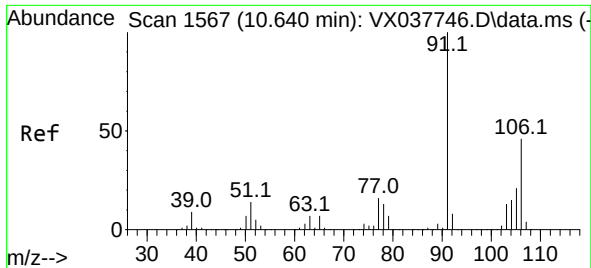
Tgt Ion: 91 Resp: 658827
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3



#68
m/p-Xylenes
Concen: 99.423 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 106 Resp: 515550
Ion Ratio Lower Upper
106 100
91 201.4 165.5 248.3

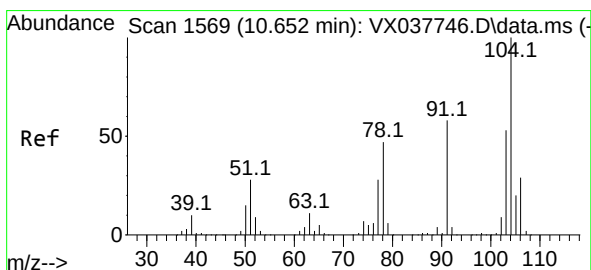
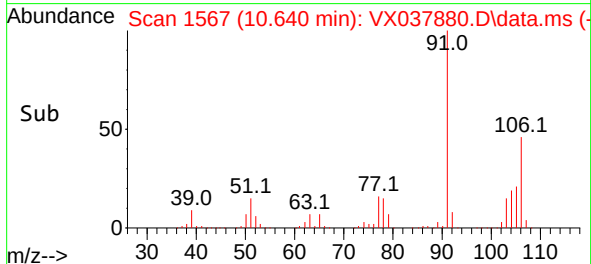
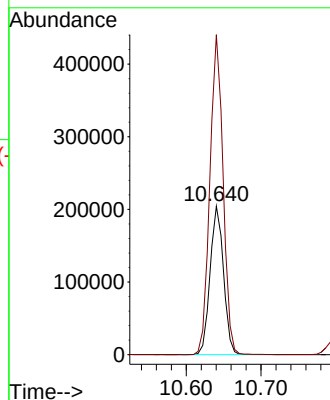
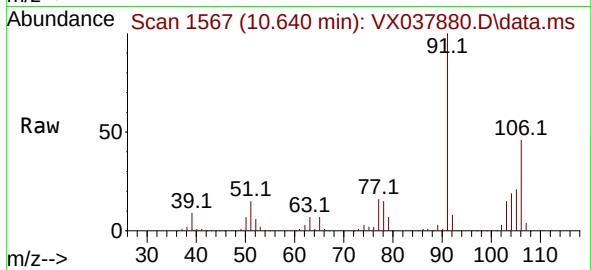




#69
o-Xylene
Concen: 48.953 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

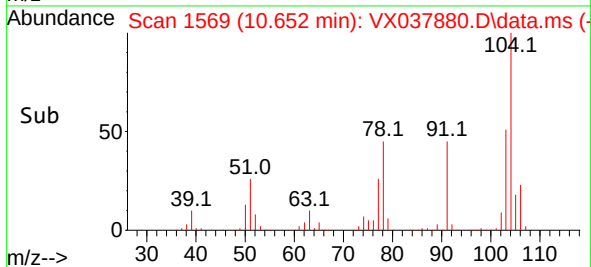
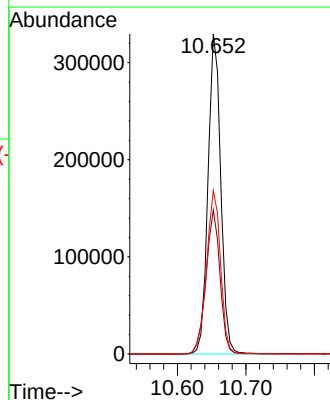
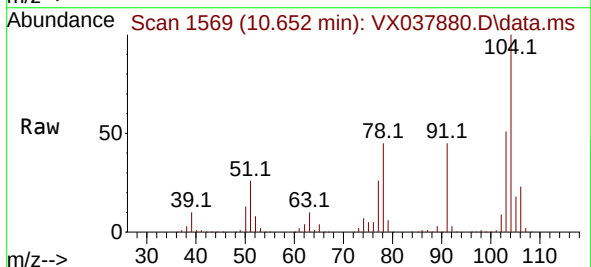
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

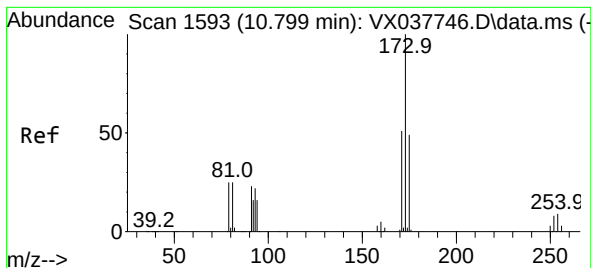
Tgt Ion:106 Resp: 254547
Ion Ratio Lower Upper
106 100
91 212.3 108.9 326.8



#70
Styrene
Concen: 51.184 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion:104 Resp: 427271
Ion Ratio Lower Upper
104 100
78 49.4 43.6 65.4
103 56.2 43.6 65.4





#71

Bromoform

Concen: 50.509 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

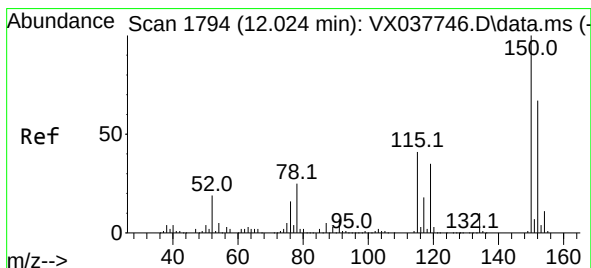
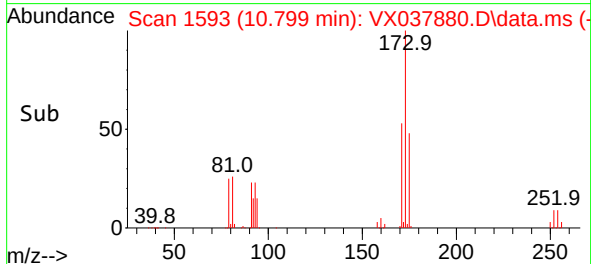
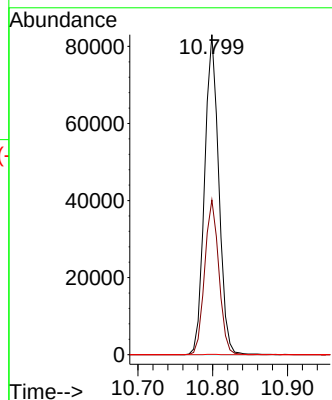
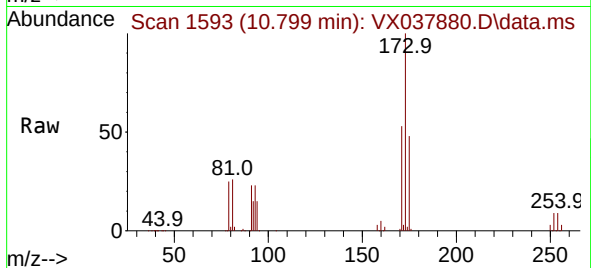
Tgt Ion:173 Resp: 109444

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.4

254 0.1 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: VX037880.D

Acq: 22 Sep 2023 16:44

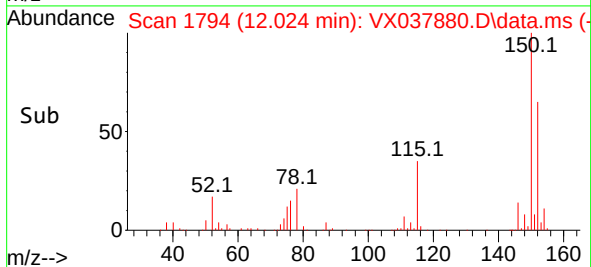
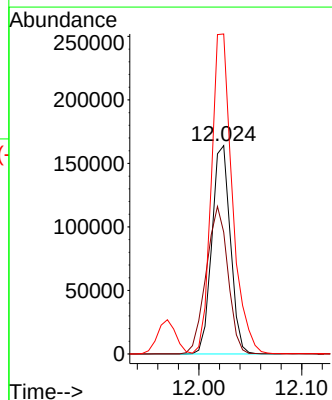
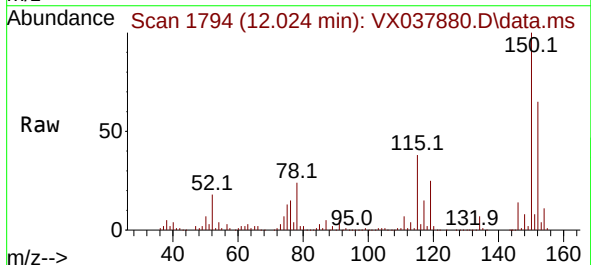
Tgt Ion:152 Resp: 205492

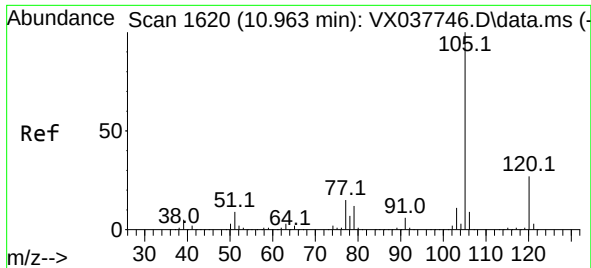
Ion Ratio Lower Upper

152 100

115 82.8 43.3 129.9

150 173.3 0.0 345.0

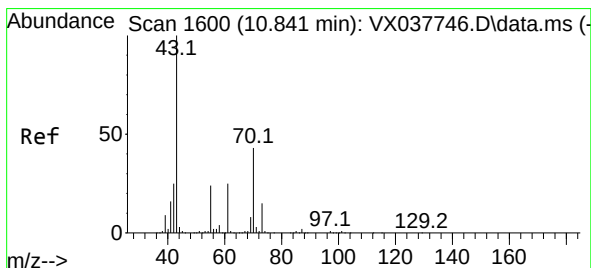
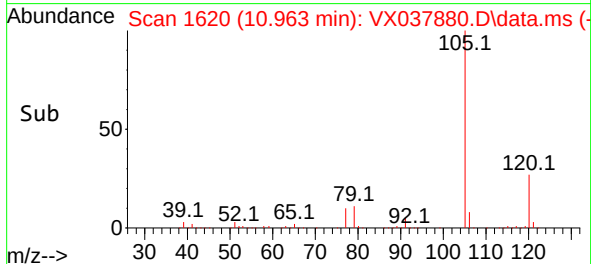
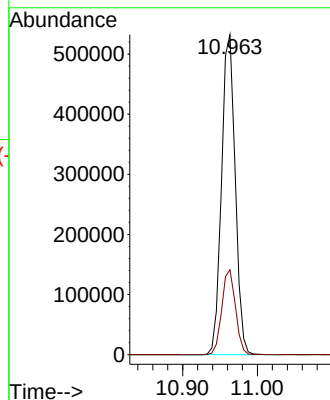
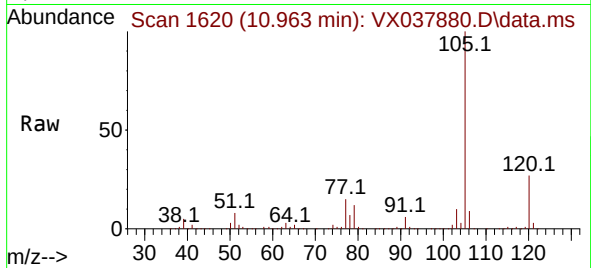




#73
Isopropylbenzene
Concen: 45.093 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

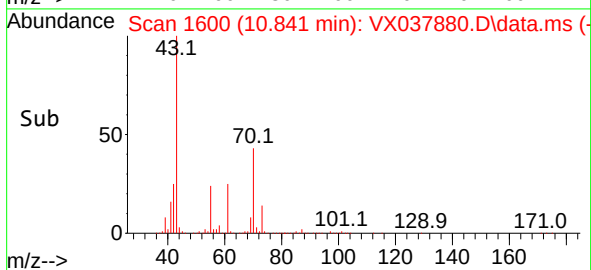
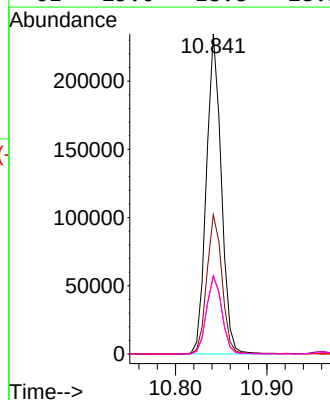
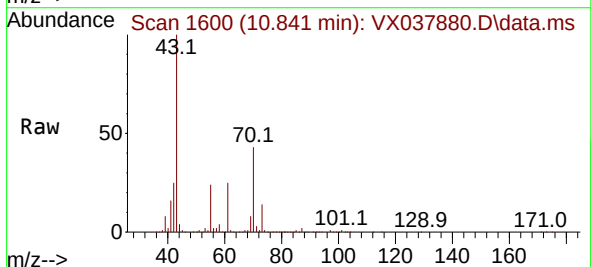
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

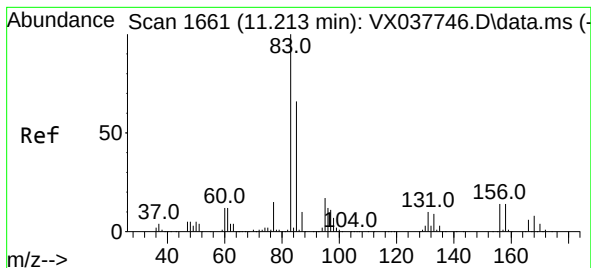
Tgt Ion:105 Resp: 679817
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6



#74
N-ethyl acetate
Concen: 43.554 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 43 Resp: 265922
Ion Ratio Lower Upper
43 100
70 44.1 32.9 49.3
55 25.2 19.3 28.9
61 25.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 43.604 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

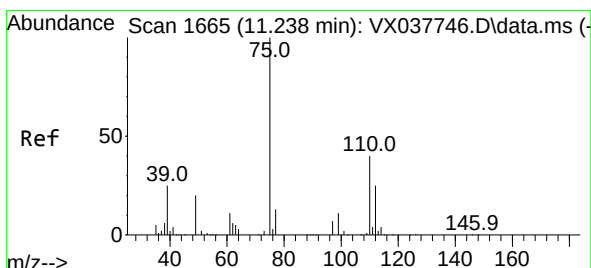
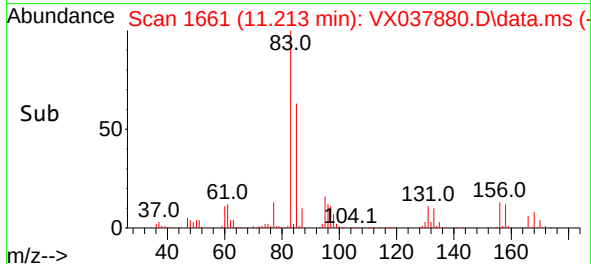
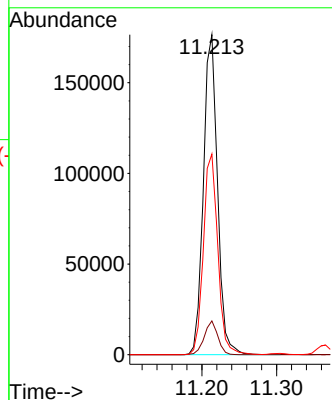
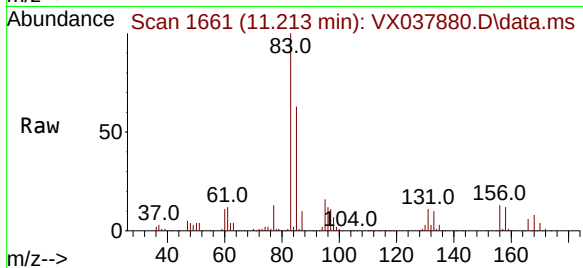
Tgt Ion: 83 Resp: 231192

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.8

85 64.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 43.421 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX037880.D

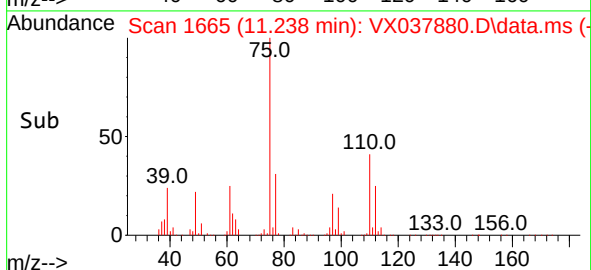
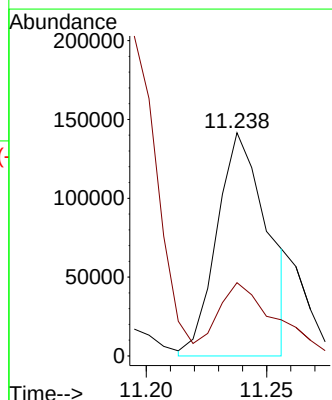
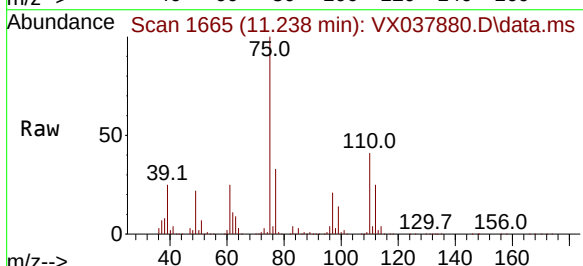
Acq: 22 Sep 2023 16:44

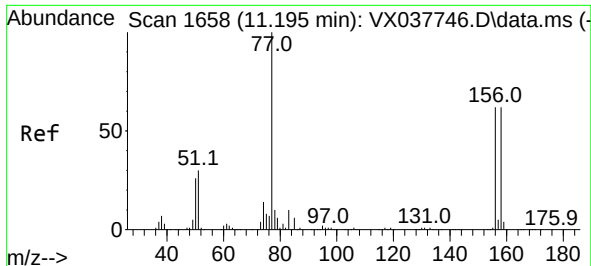
Tgt Ion: 75 Resp: 206371

Ion Ratio Lower Upper

75 100

77 37.7 19.1 57.5

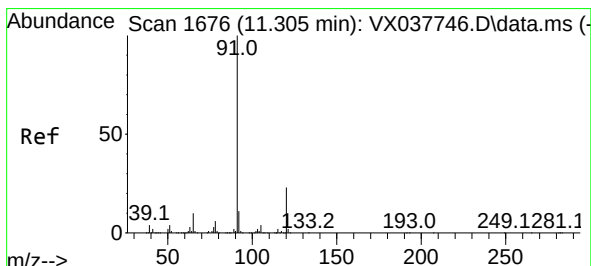
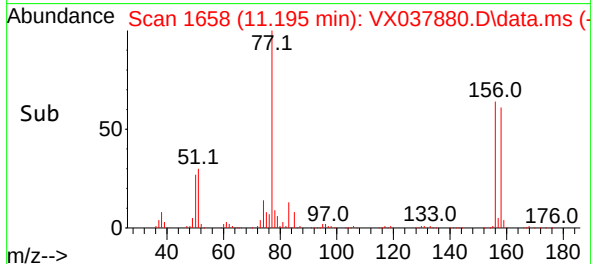
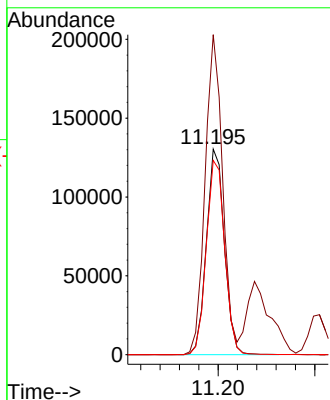
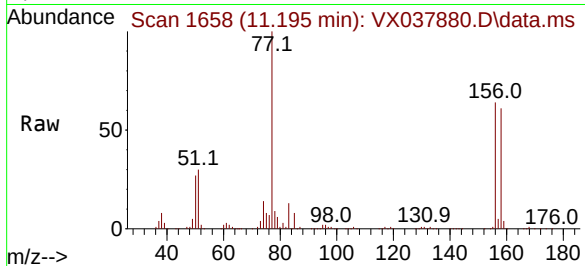




#77
Bromobenzene
Concen: 45.106 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

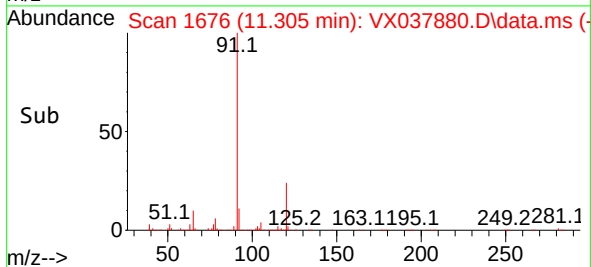
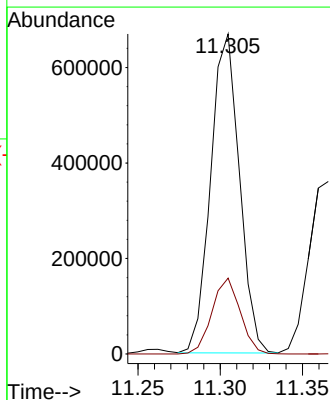
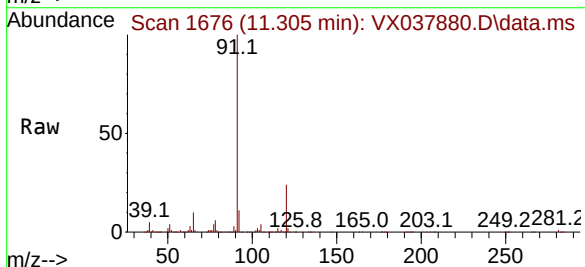
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

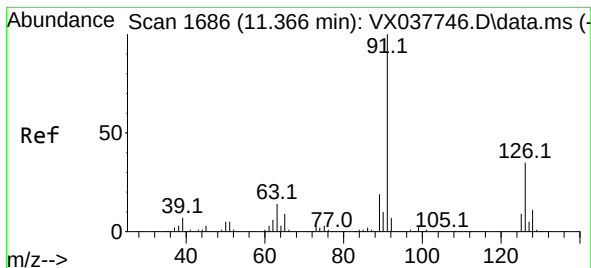
Tgt Ion:156 Resp: 168310
Ion Ratio Lower Upper
156 100
77 151.3 88.4 265.3
158 96.9 48.0 144.0



#78
n-propylbenzene
Concen: 47.747 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 91 Resp: 812949
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4

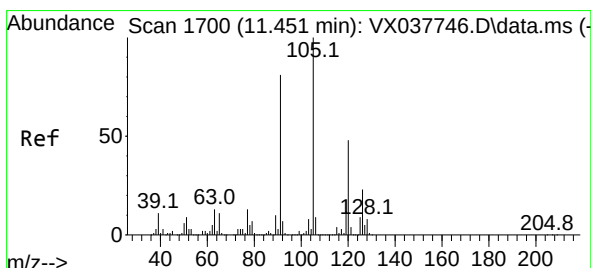
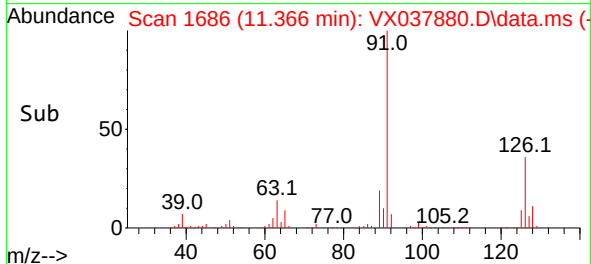
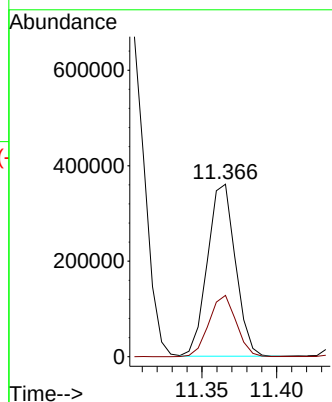
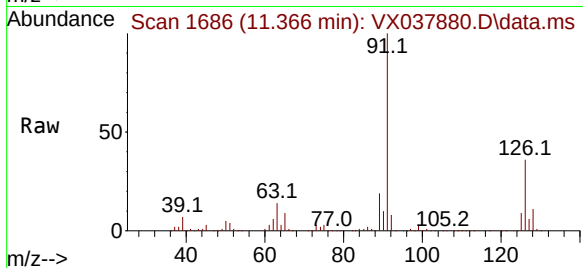




#79
2-Chlorotoluene
Concen: 44.688 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

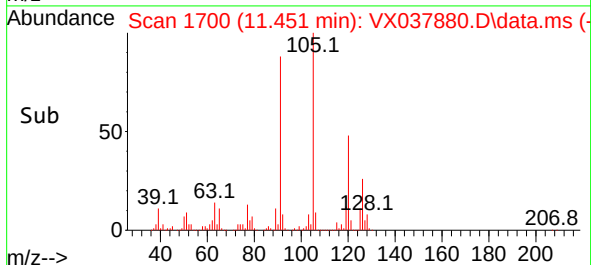
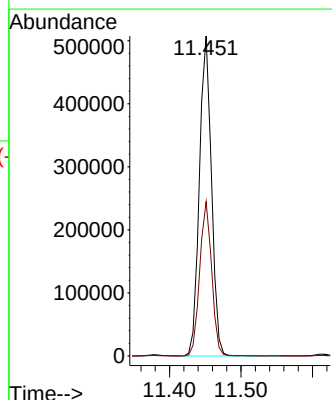
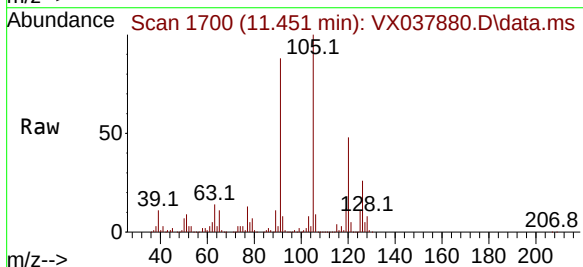
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

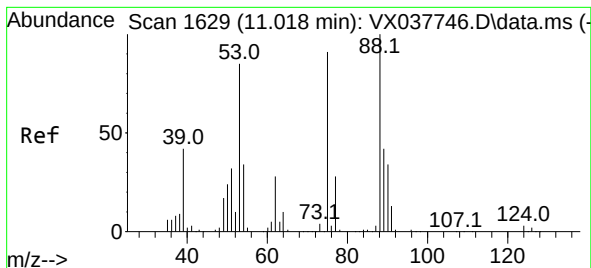
Tgt Ion: 91 Resp: 469133
Ion Ratio Lower Upper
91 100
126 34.8 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 46.579 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 105 Resp: 593026
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3

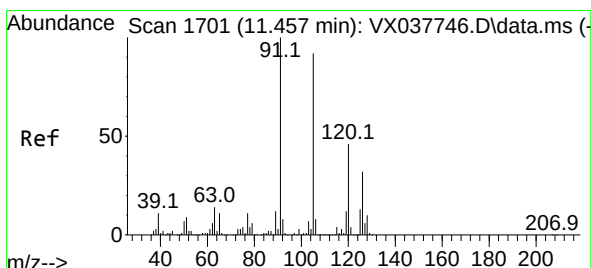
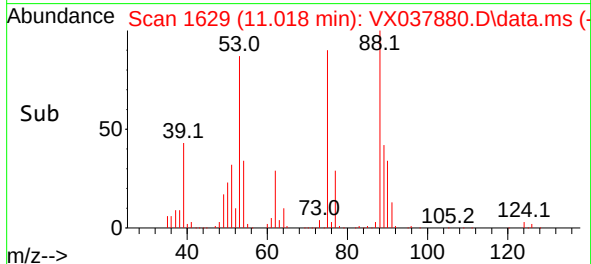
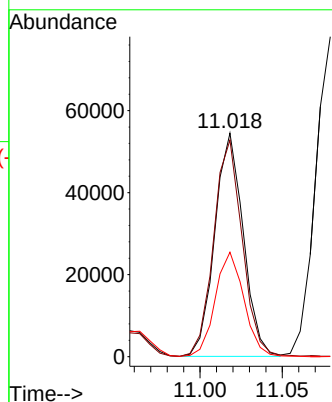
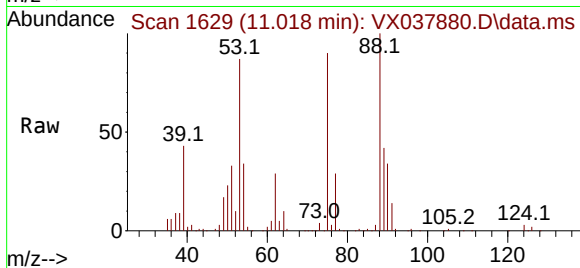




#81
trans-1,4-Dichloro-2-butene
Concen: 44.236 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

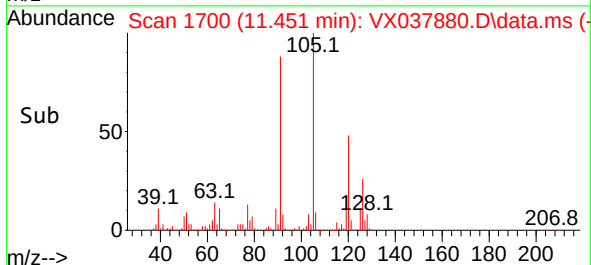
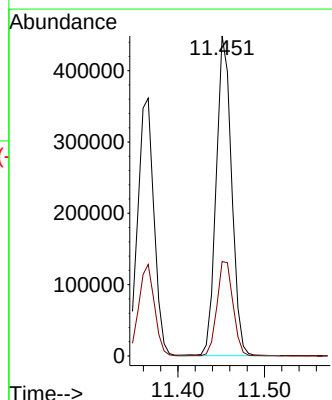
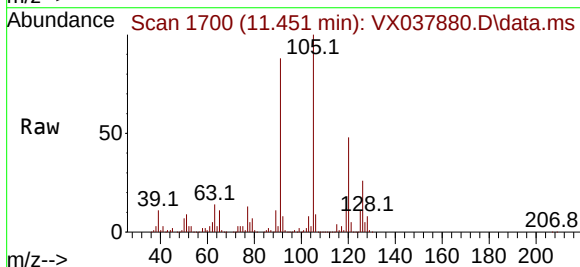
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

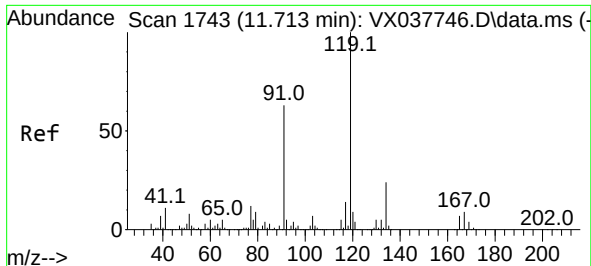
Tgt Ion: 75 Resp: 65633
Ion Ratio Lower Upper
75 100
53 98.0 90.5 135.7
89 47.1 36.9 55.3



#82
4-Chlorotoluene
Concen: 47.010 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 91 Resp: 555596
Ion Ratio Lower Upper
91 100
126 30.7 14.2 42.6

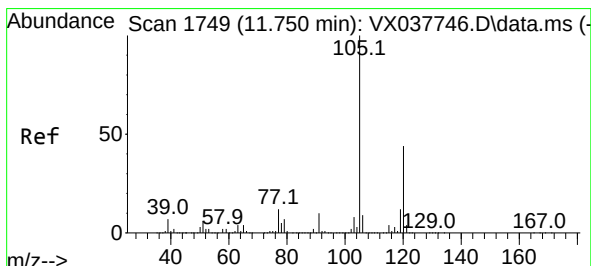
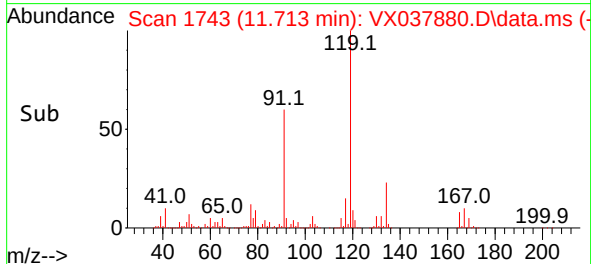
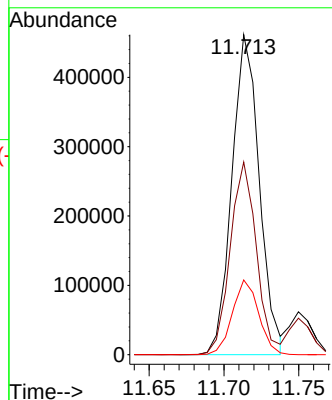
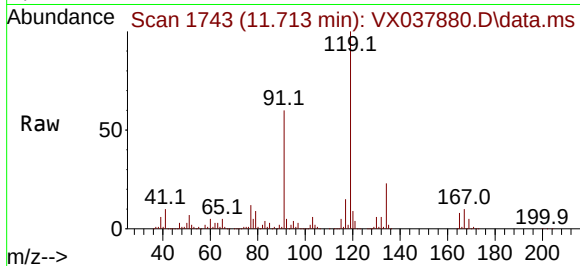




#83
tert-Butylbenzene
Concen: 45.740 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

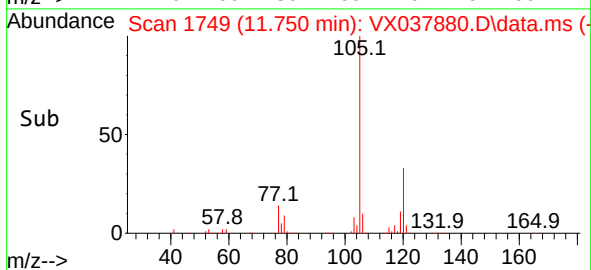
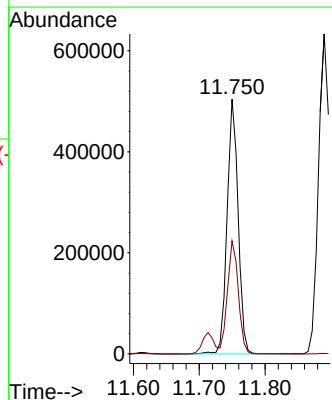
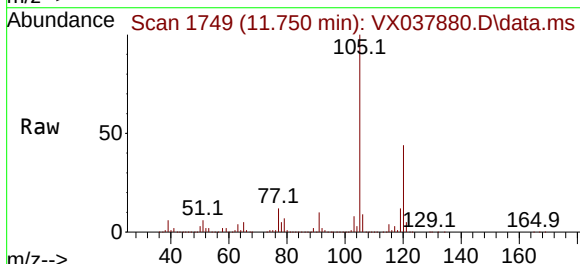
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

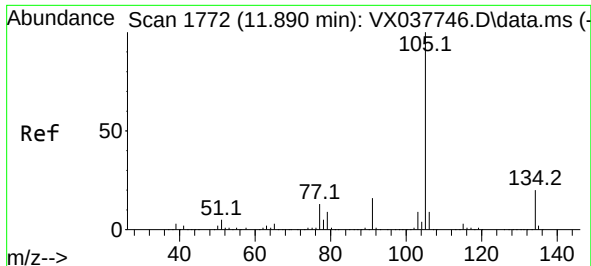
Tgt Ion:119 Resp: 588561
Ion Ratio Lower Upper
119 100
91 57.6 31.2 93.6
134 22.4 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 46.391 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion:105 Resp: 587644
Ion Ratio Lower Upper
105 100
120 43.7 21.2 63.6

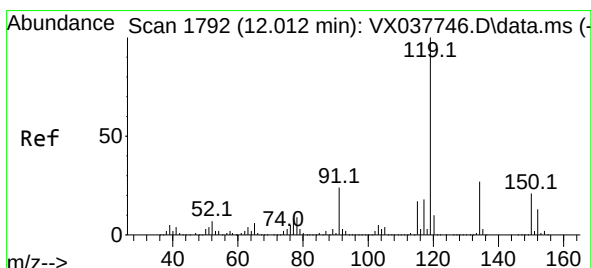
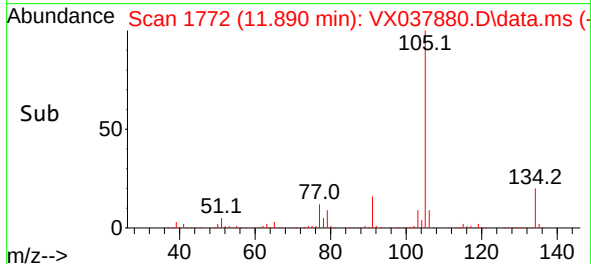
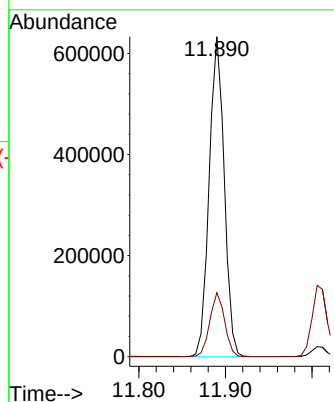
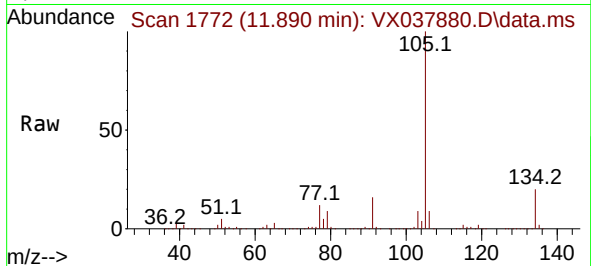




#85
 sec-Butylbenzene
 Concen: 48.910 ug/l
 RT: 11.890 min Scan# 11772
 Delta R.T. -0.000 min
 Lab File: VX037880.D
 Acq: 22 Sep 2023 16:44

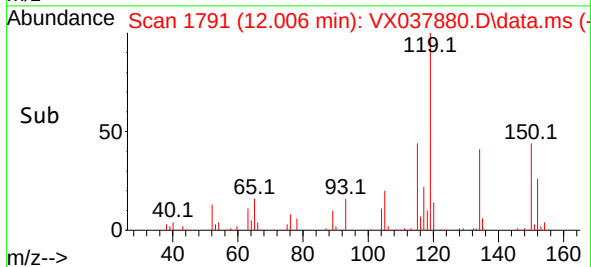
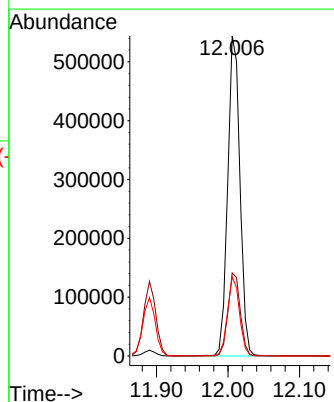
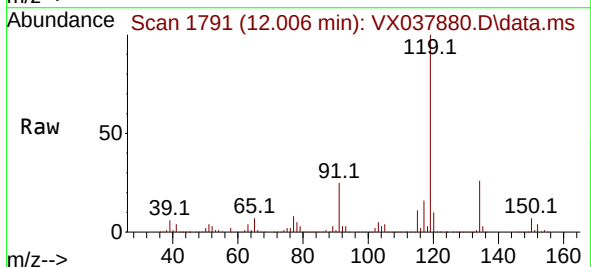
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

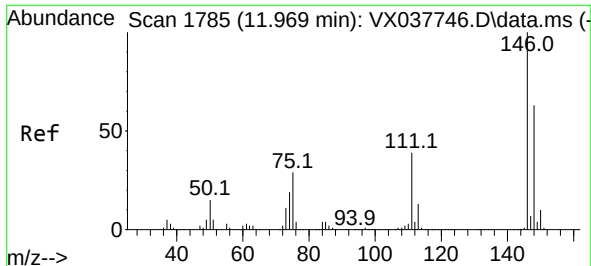
Tgt Ion:105 Resp: 763519
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 49.730 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX037880.D
 Acq: 22 Sep 2023 16:44

Tgt Ion:119 Resp: 646800
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 24.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.870 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

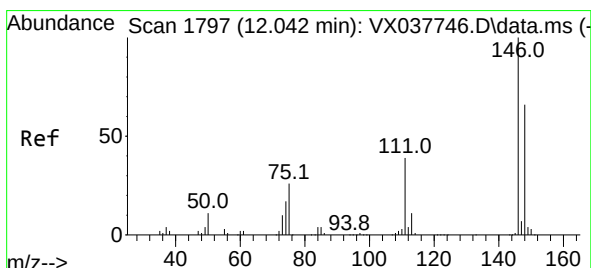
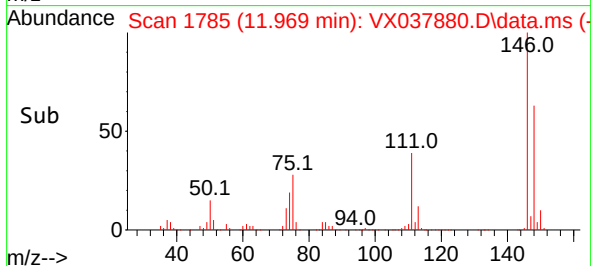
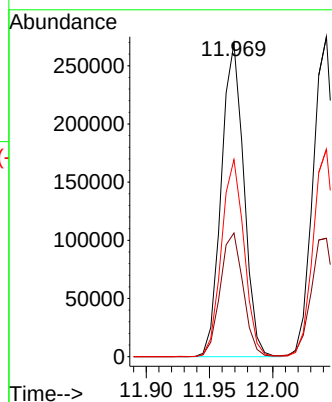
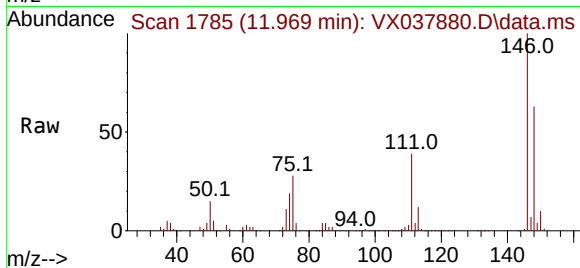
Tgt Ion:146 Resp: 332972

Ion Ratio Lower Upper

146 100

111 40.3 22.1 66.1

148 63.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.593 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

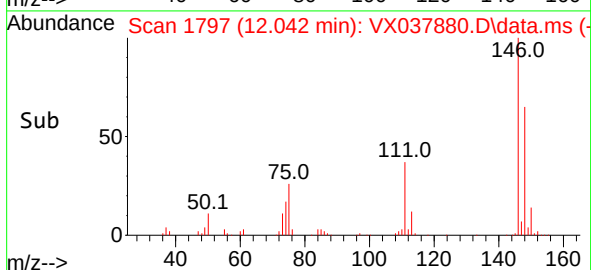
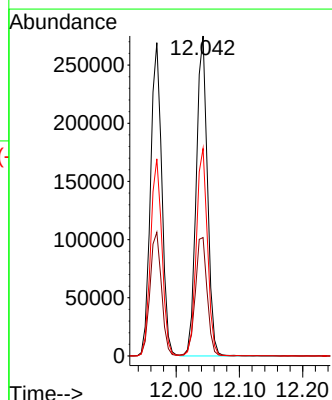
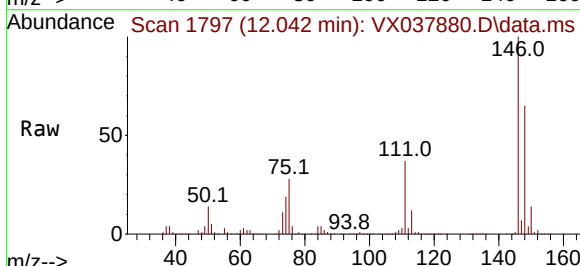
Tgt Ion:146 Resp: 338760

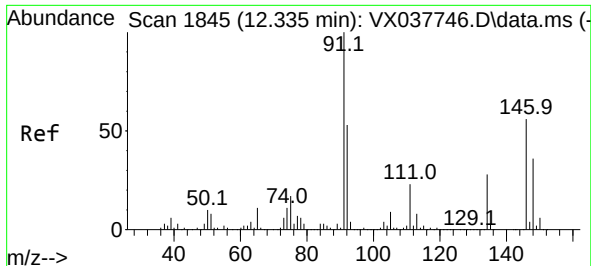
Ion Ratio Lower Upper

146 100

111 39.2 21.3 63.7

148 64.4 31.8 95.4





#89

n-Butylbenzene

Concen: 53.839 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

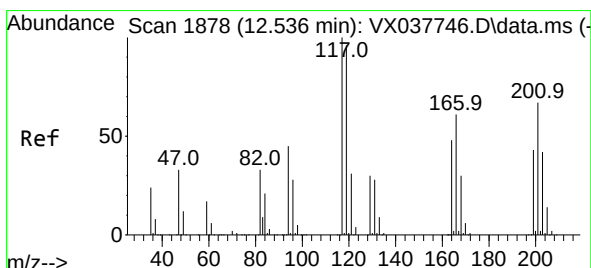
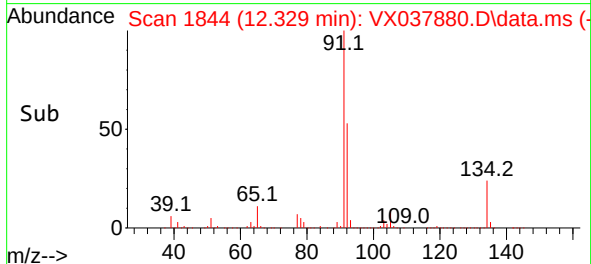
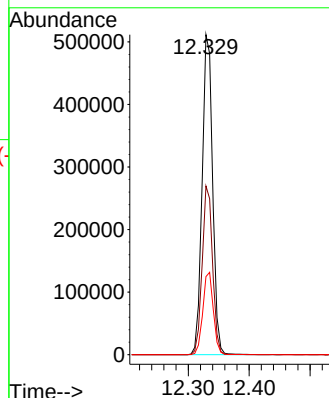
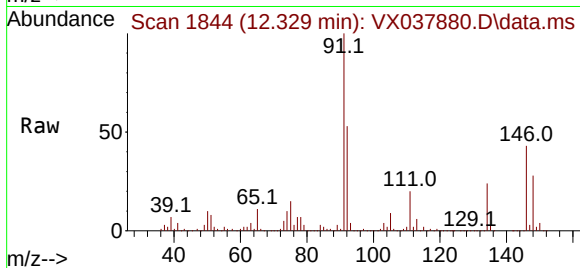
Tgt Ion: 91 Resp: 613429

Ion Ratio Lower Upper

91 100

92 52.2 27.4 82.0

134 25.8 12.6 37.8



#90

Hexachloroethane

Concen: 48.337 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037880.D

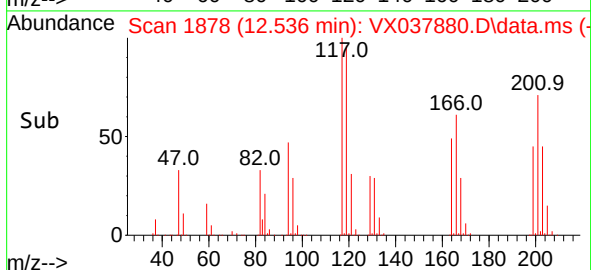
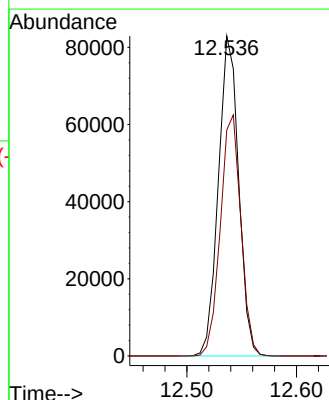
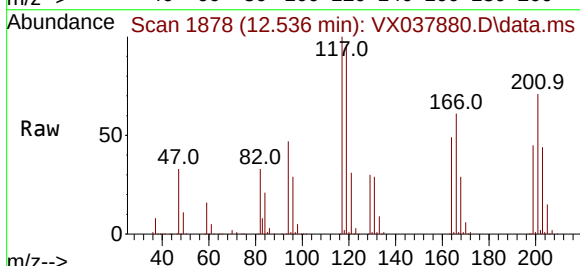
Acq: 22 Sep 2023 16:44

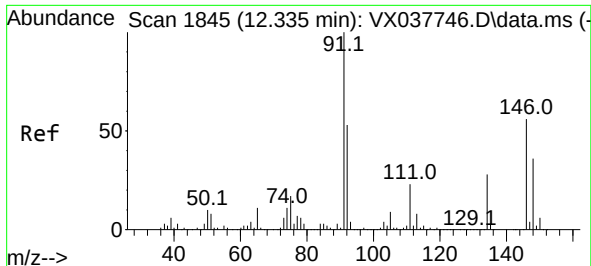
Tgt Ion: 117 Resp: 106519

Ion Ratio Lower Upper

117 100

201 76.4 32.9 98.6

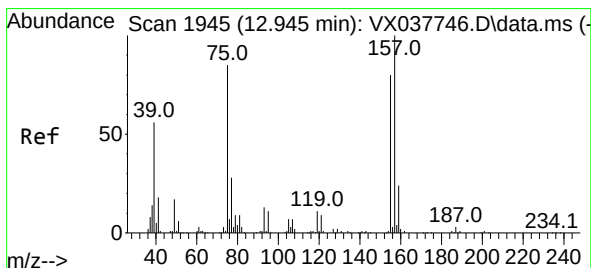
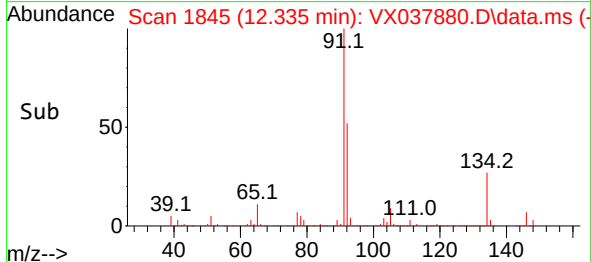
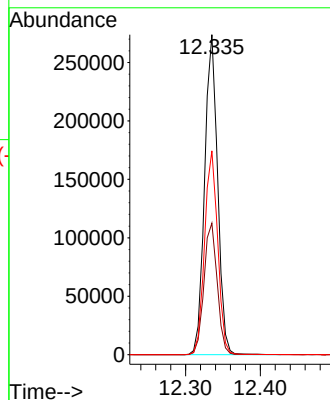
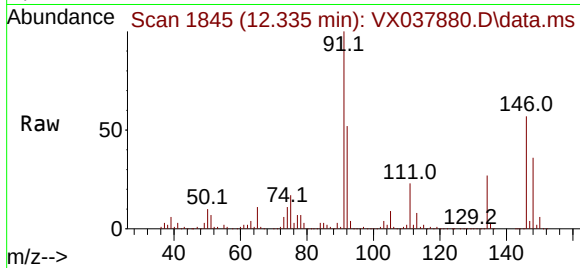




#91
1,2-Dichlorobenzene
Concen: 46.535 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

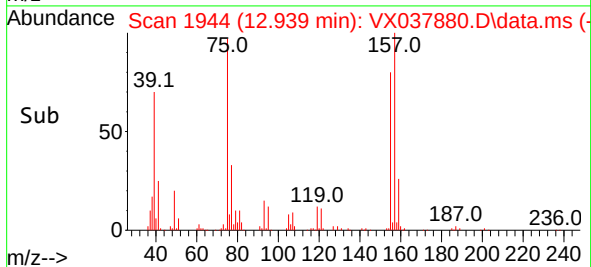
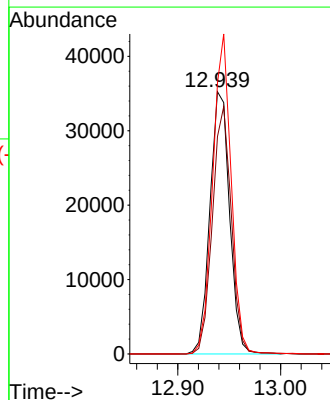
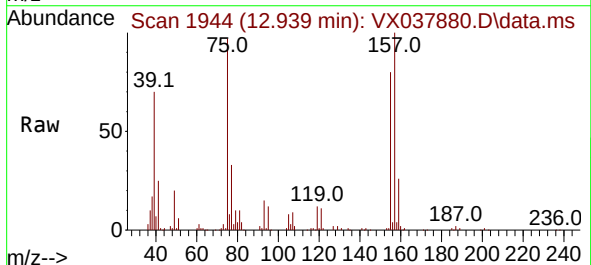
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

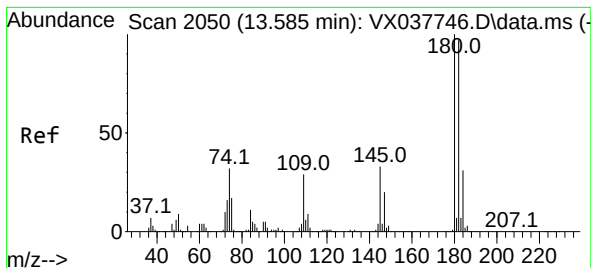
Tgt Ion:146 Resp: 330477
Ion Ratio Lower Upper
146 100
111 42.0 22.4 67.0
148 64.4 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.410 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX037880.D
Acq: 22 Sep 2023 16:44

Tgt Ion: 75 Resp: 46937
Ion Ratio Lower Upper
75 100
155 90.7 36.1 108.5
157 114.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 54.087 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

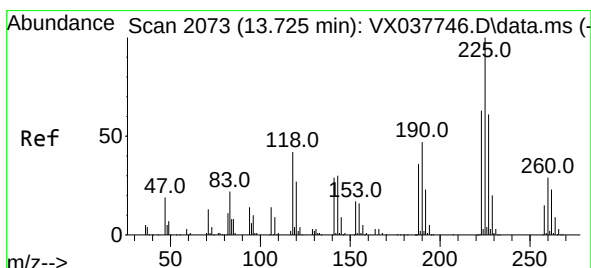
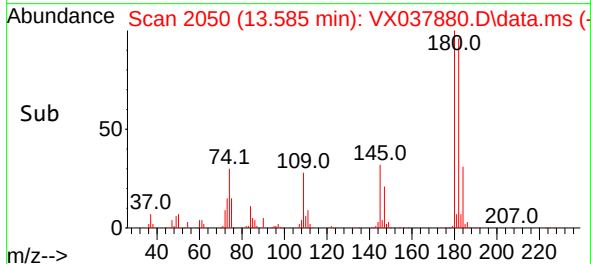
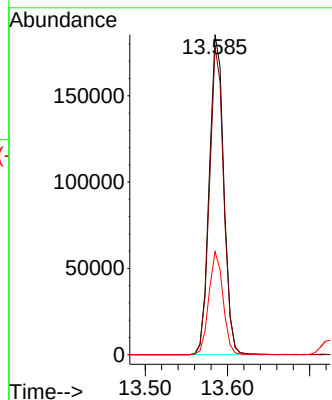
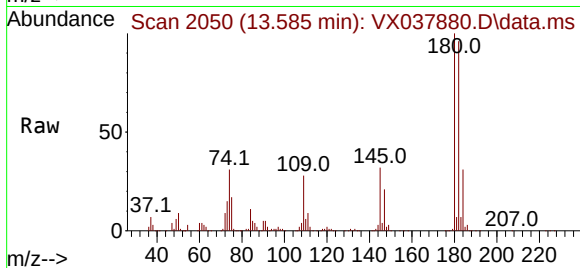
Tgt Ion:180 Resp: 226261

Ion Ratio Lower Upper

180 100

182 94.9 48.3 144.8

145 31.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 52.181 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

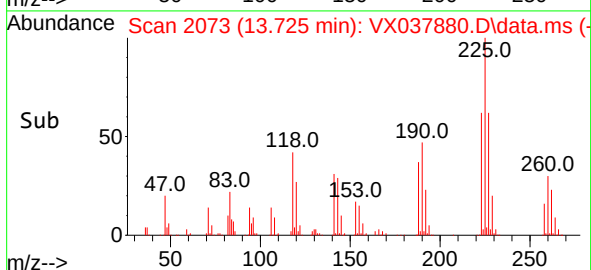
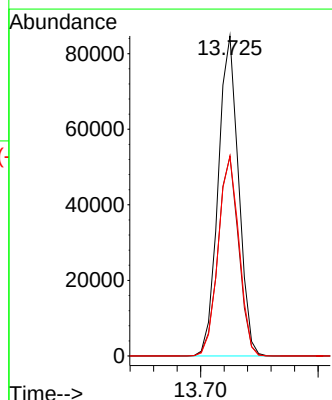
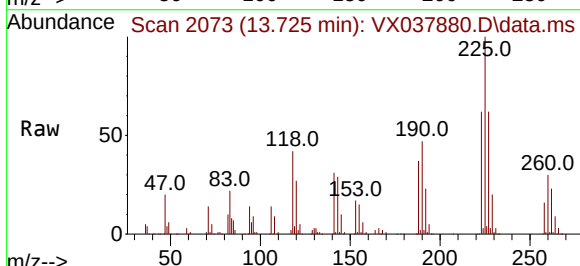
Tgt Ion:225 Resp: 101938

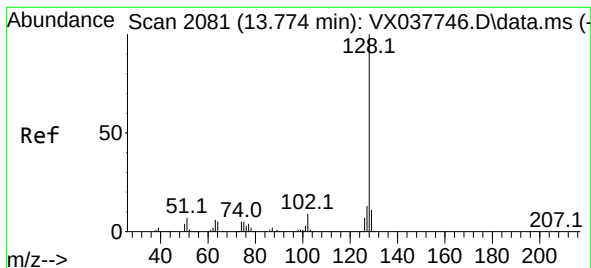
Ion Ratio Lower Upper

225 100

223 62.9 31.1 93.2

227 63.6 32.5 97.5





#95

Naphthalene

Concen: 48.825 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

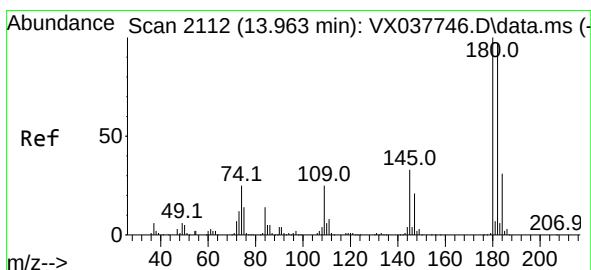
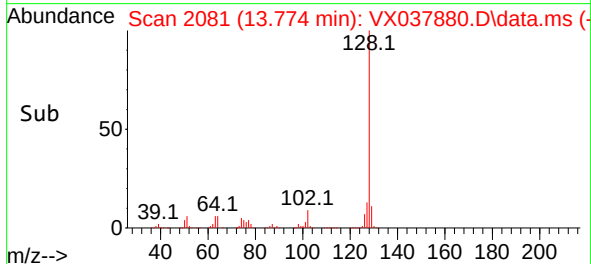
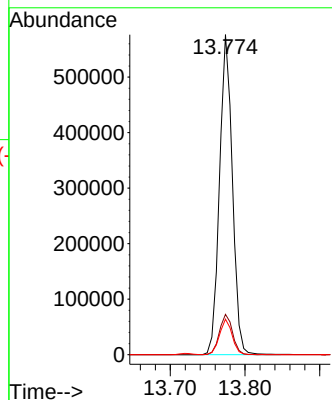
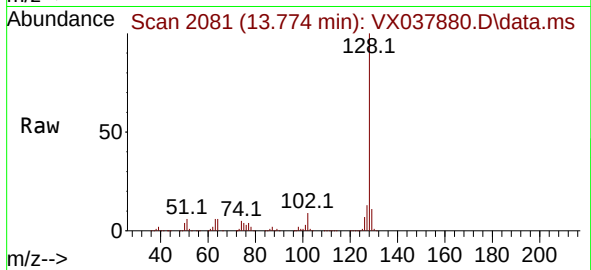
Tgt Ion:128 Resp: 690772

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: 50.089 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX037880.D

Acq: 22 Sep 2023 16:44

Tgt Ion:180 Resp: 215631

Ion Ratio Lower Upper

180 100

182 96.2 46.9 140.6

145 33.5 17.8 53.5

