

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112423\
 Data File : VX039017.D
 Acq On : 24 Nov 2023 10:53
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 27 03:08:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:05:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	11373	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	86778	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	107911	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	44253	28.442	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.800%
60) 4-Bromofluorobenzene	11.079	95	71921	30.514	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.700%
63) Toluene-d8	8.647	98	127866	29.970	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	227270	133.511	ug/l	99
3) Chloromethane	1.294	50	252248	129.417	ug/l	96
4) Vinyl Chloride	1.374	62	256787	130.500	ug/l	100
5) Bromomethane	1.599	94	137356	114.128	ug/l	99
6) Chloroethane	1.672	64	150770	127.488	ug/l	98
7) Trichlorofluoromethane	1.880	101	355027	130.726	ug/l	95
8) Diethyl Ether	2.130	74	137507	131.902	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	204225	133.073	ug/l	97
10) 1,1-Dichloroethene	2.312	96	208040	134.481	ug/l	95
11) Methyl Iodide	2.447	142	242379	142.981	ug/l	98
12) Methyl Acetate	2.703	43	624507	129.436	ug/l	98
13) Acrolein	2.233	56	266371	630.208	ug/l	100
14) Acrylonitrile	3.062	53	773503	655.475	ug/l	98
15) Acetone	2.380	58	238515	556.048	ug/l	98
16) Carbon Disulfide	2.508	76	614670	131.193	ug/l	97
17) Allyl chloride	2.660	41	404330	131.661	ug/l	95
18) Methylene Chloride	2.788	84	241977	131.958	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	233558	133.490	ug/l	96
20) Diisopropyl ether	3.763	45	774553	132.534	ug/l #	85
21) 1,1-Dichloroethane	3.605	63	426155	131.151	ug/l	100
22) cis-1,2-Dichloroethene	4.483	96	267539	131.944	ug/l	99
23) tert-Butyl Alcohol	2.983	59	405545	620.764	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	750126	131.631	ug/l	99
25) Chloroform	5.092	83	434416	133.205	ug/l	97
26) Cyclohexane	5.470	56	389444	132.422	ug/l #	100
29) 1,1-Dichloropropene	5.690	75	328654	135.103	ug/l	99
30) 2-Butanone	4.556	43	1167817	637.619	ug/l	99
31) 2,2-Dichloropropane	4.471	77	376862	135.495	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	388232	138.078	ug/l	97
33) Carbon Tetrachloride	5.678	117	332869	140.548	ug/l	98
34) Benzene	6.037	78	960782	135.581	ug/l	98
35) Methacrylonitrile	4.922	41	225838	139.204	ug/l	97
36) 1,2-Dichloroethane	6.086	62	347465	133.632	ug/l	100
37) Trichloroethene	7.123	130	244097	135.717	ug/l	98
38) Methylcyclohexane	7.379	83	416339	137.358	ug/l	99
39) 1,2-Dichloropropane	7.427	63	254366	136.104	ug/l	98
40) Dibromomethane	7.580	93	179364	135.833	ug/l	98
41) Bromodichloromethane	7.818	83	350908	138.326	ug/l	99
42) Vinyl Acetate	3.721	43	2965135	679.714	ug/l	98

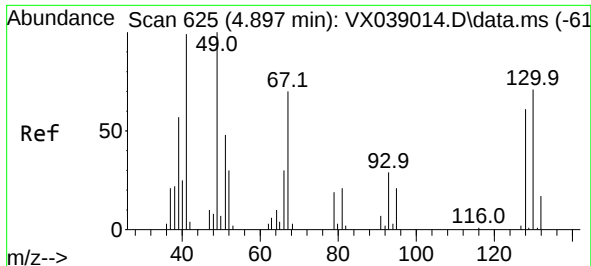
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	424601	134.751	ug/l	100
44) Isopropyl Acetate	6.336	43	684880	137.879	ug/l	100
45) 1,4-Dioxane	7.659	88	140951	2779.631	ug/l	98
46) Methyl methacrylate	7.690	41	387417	136.414	ug/l	97
47) n-amyl Acetate	10.841	43	609332	144.932	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	409190	139.110	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	421674	138.963	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	248108	138.316	ug/l	98
51) Ethyl methacrylate	9.116	69	321258	143.073	ug/l	95
52) 1,3-Dichloropropane	9.305	76	412613	134.148	ug/l	100
53) Dibromochloromethane	9.518	129	269580	139.937	ug/l	98
54) 1,2-Dibromoethane	9.610	107	271071	137.801	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	1003469	705.451	ug/l	100
56) Bromoform	10.799	173	203419	146.306	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	2216109	677.217	ug/l	98
59) 2-Hexanone	9.433	43	1802080	670.891	ug/l	99
61) Tetrachloroethene	9.275	164	189413	135.004	ug/l	98
62) Toluene	8.720	91	1054826	137.682	ug/l	100
64) Chlorobenzene	10.079	112	639479	137.221	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	236114	140.683	ug/l	99
66) Ethyl Benzene	10.195	91	1185980	135.946	ug/l	99
67) m/p-Xylenes	10.299	106	880457	273.124	ug/l	97
68) o-Xylene	10.640	106	432721	138.575	ug/l	98
69) Styrene	10.652	104	654902	141.711	ug/l	99
70) Isopropylbenzene	10.963	105	1156493	138.423	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	430578	138.053	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	520130	145.119	ug/l	90
73) Bromobenzene	11.195	156	265758	139.714	ug/l	98
74) n-propylbenzene	11.305	91	1424220	139.135	ug/l	99
75) 2-Chlorotoluene	11.366	91	828146	137.898	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	997603	138.602	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	157421	150.531	ug/l	96
78) 4-Chlorotoluene	11.457	91	966719	136.915	ug/l	100
79) tert-butylbenzene	11.713	119	954112	139.407	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	1007365	139.843	ug/l	100
81) sec-Butylbenzene	11.890	105	1210566	139.916	ug/l	100
82) p-Isopropyltoluene	12.006	119	1030819	140.575	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	509847	140.059	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	515536	138.023	ug/l	100
85) n-Butylbenzene	12.329	91	1023543	141.354	ug/l	100
86) Hexachloroethane	12.536	117	203535	146.491	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	479259	136.913	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	111317	139.554	ug/l	95
89) 1,2,4-Trichlorobenzene	13.585	180	325580	140.287	ug/l	98
90) Hexachlorobutadiene	13.725	225	115996	139.976	ug/l	98
91) Naphthalene	13.774	128	1199120	140.098	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	317654	141.307	ug/l	99

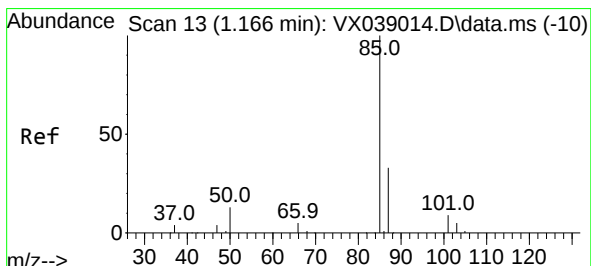
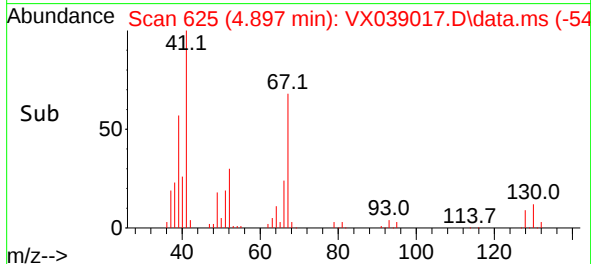
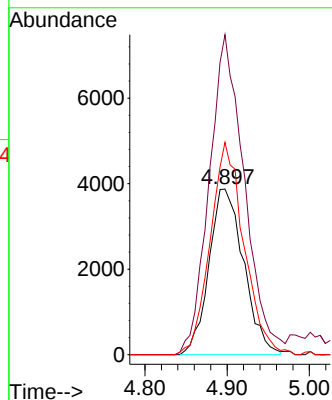
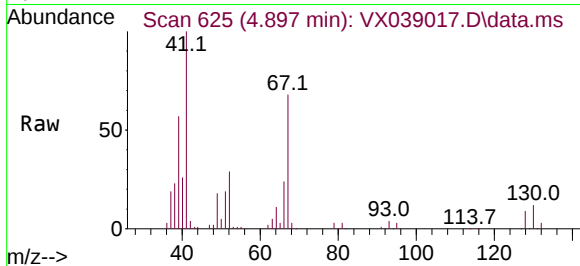
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

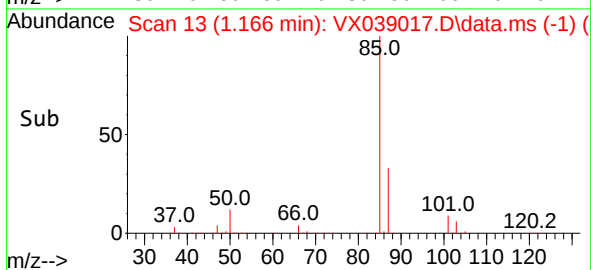
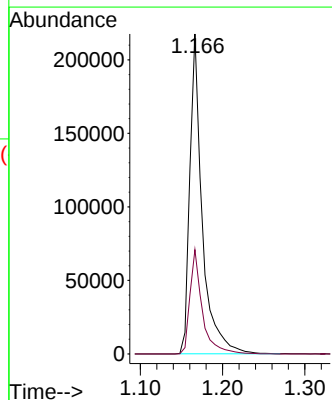
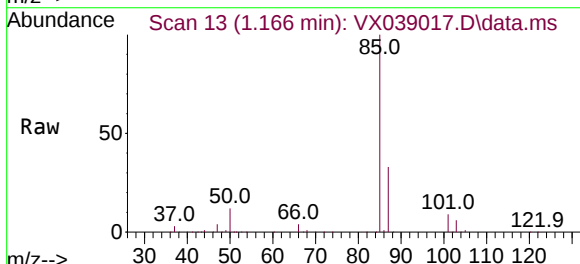
Instrument :
MSVOA_X
ClientSampleId :

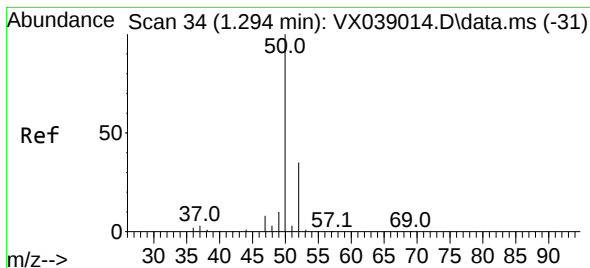
Tgt Ion:128 Resp: 11373
Ion Ratio Lower Upper
128 100
49 196.0 0.0 444.0
130 124.3 0.0 297.8



#2
Dichlorodifluoromethane
Concen: 133.511 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Tgt Ion: 85 Resp: 227270
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1





#3

Chloromethane

Concen: 129.417 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Instrument :

MSVOA_X

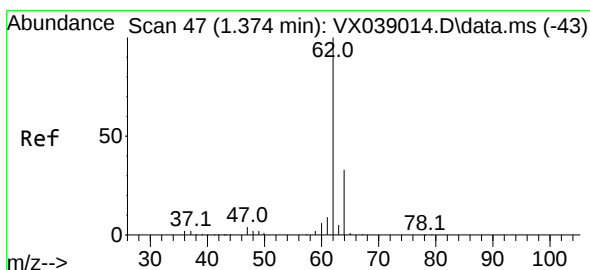
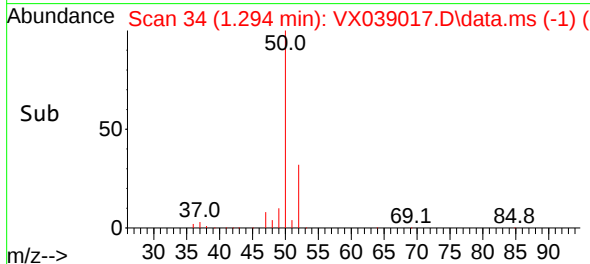
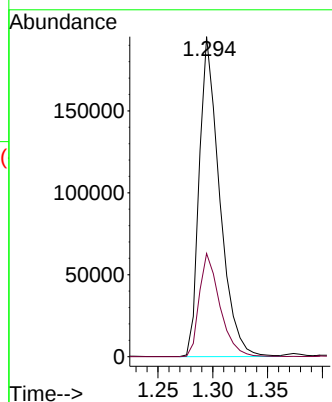
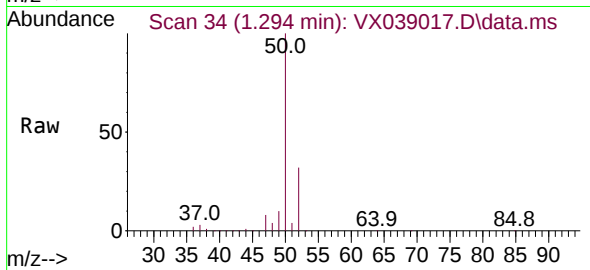
ClientSampleId :

Tgt Ion: 50 Resp: 252248

Ion Ratio Lower Upper

50 100

52 32.3 27.8 41.8



#4

Vinyl Chloride

Concen: 130.500 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX039017.D

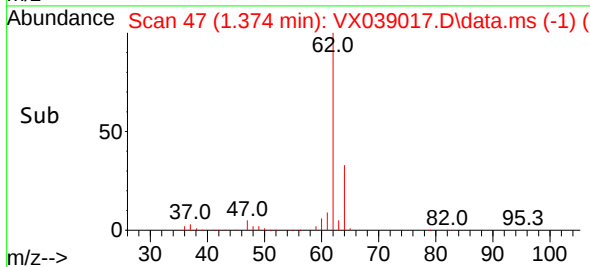
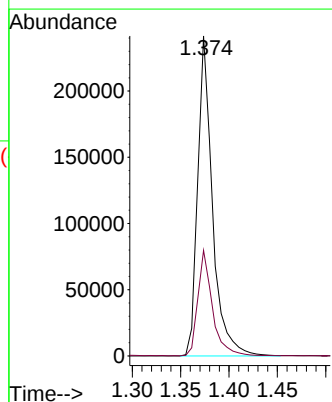
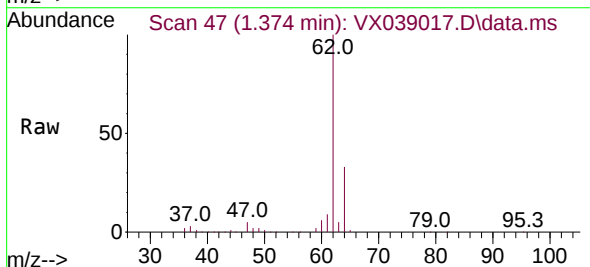
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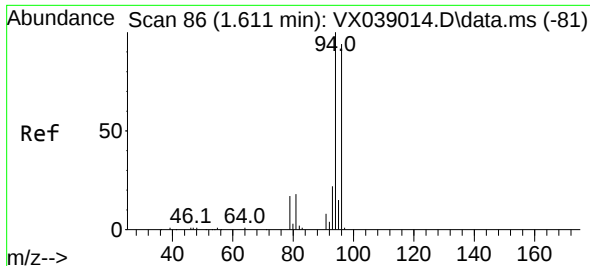
Tgt Ion: 62 Resp: 256787

Ion Ratio Lower Upper

62 100

64 33.0 26.3 39.5

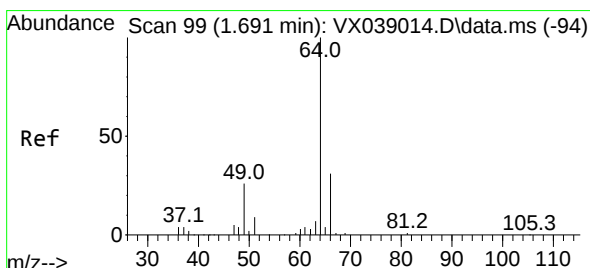
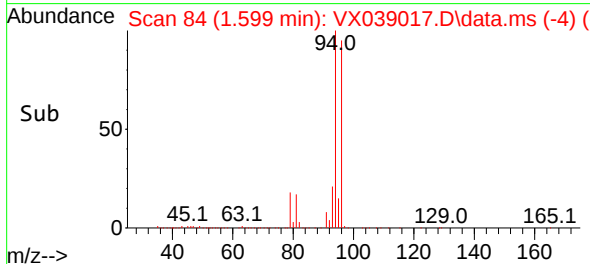
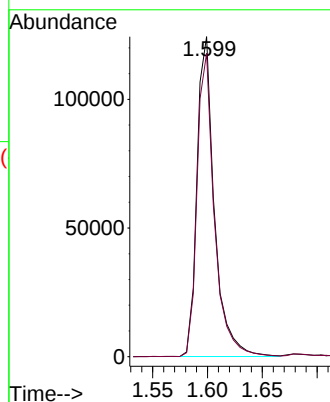
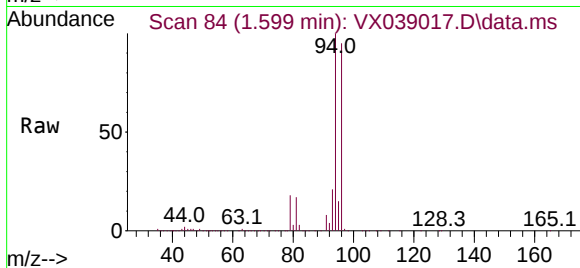




#5
Bromomethane
Concen: 114.128 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.012 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

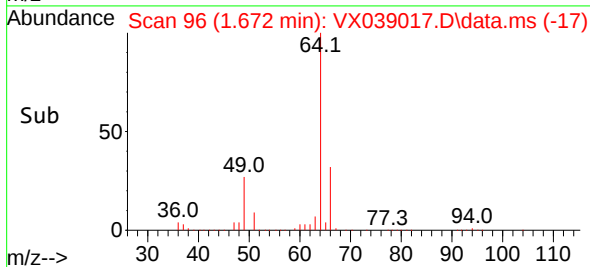
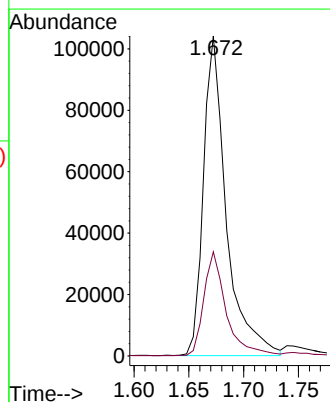
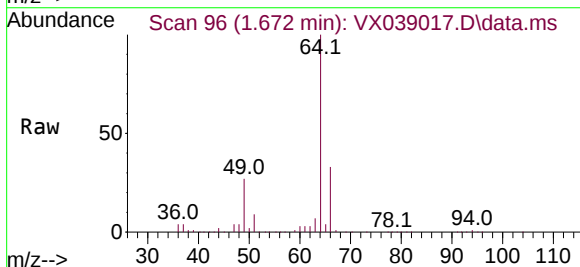
Instrument :
MSVOA_X
ClientSampleId :

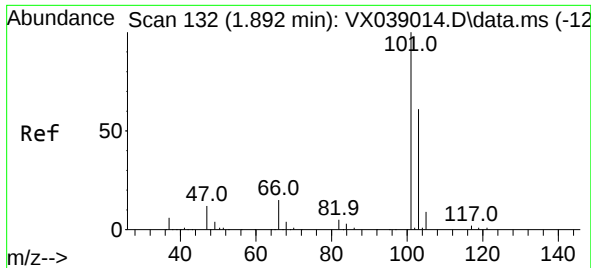
Tgt Ion: 94 Resp: 137356
Ion Ratio Lower Upper
94 100
96 94.8 74.9 112.3



#6
Chloroethane
Concen: 127.488 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.018 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Tgt Ion: 64 Resp: 150770
Ion Ratio Lower Upper
64 100
66 32.5 25.0 37.6

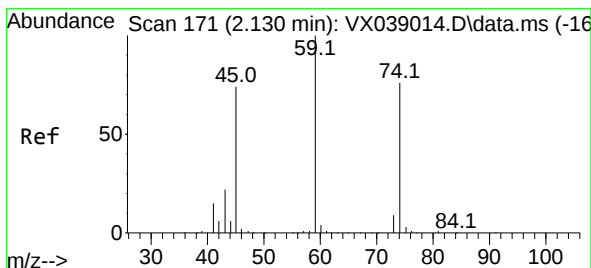
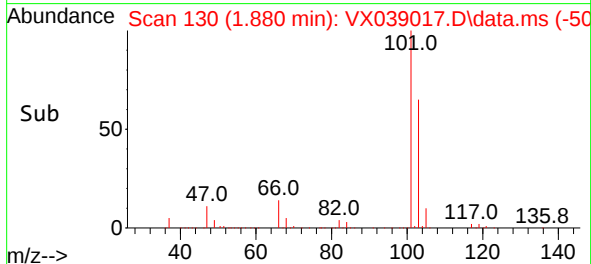
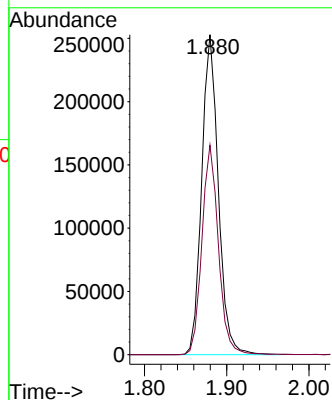
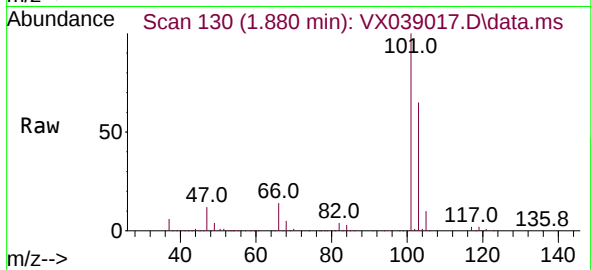




#7
 Trichlorofluoromethane
 Concen: 130.726 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VX039017.D
 Acq: 24 Nov 2023 10:53

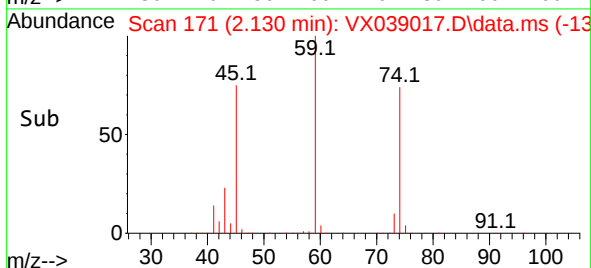
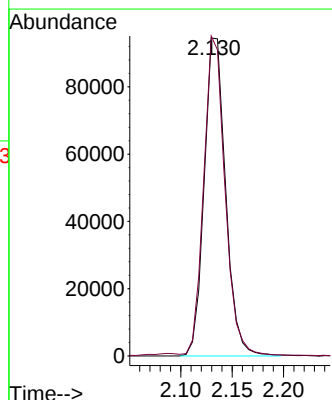
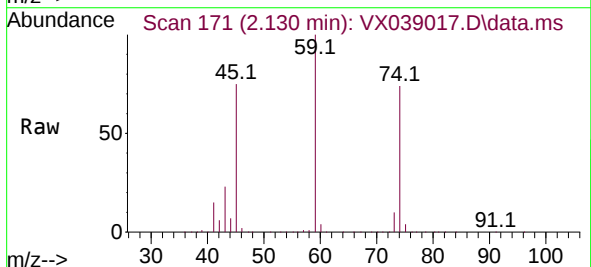
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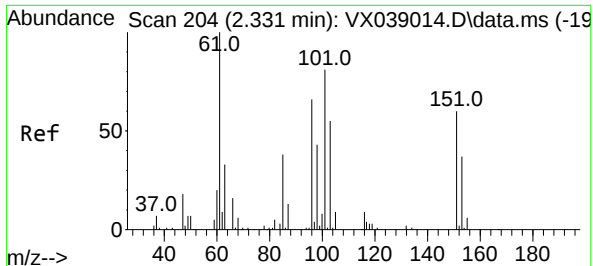
Tgt Ion:101 Resp: 355027
 Ion Ratio Lower Upper
 101 100
 103 65.4 49.1 73.7



#8
 Diethyl Ether
 Concen: 131.902 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX039017.D
 Acq: 24 Nov 2023 10:53

Tgt Ion: 74 Resp: 137507
 Ion Ratio Lower Upper
 74 100
 45 99.3 20.5 184.5

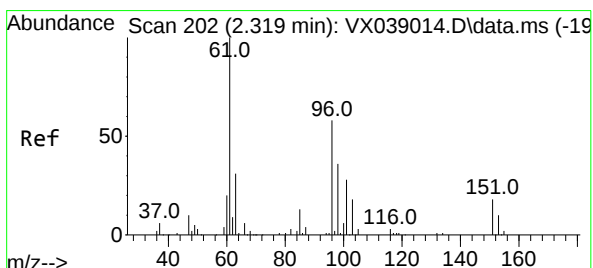
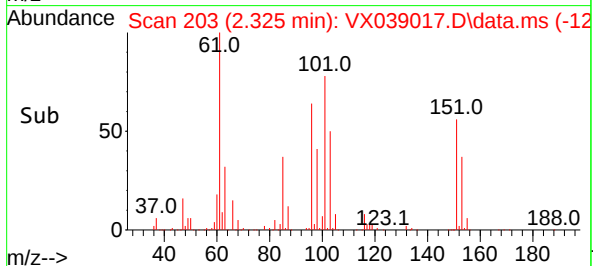
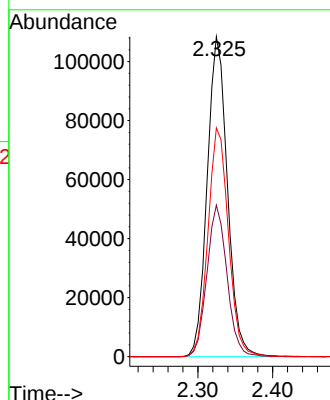
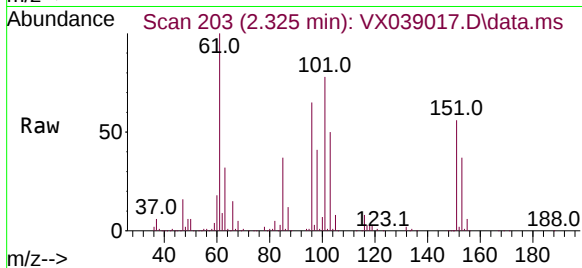




#9
1,1,2-Trichlorotrifluoroethane
Concen: 133.073 ug/l
RT: 2.325 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

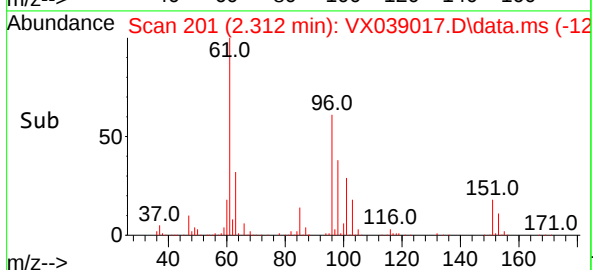
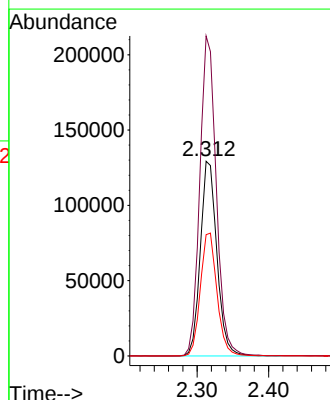
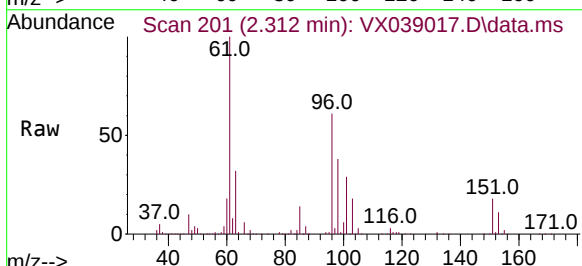
Instrument :
MSVOA_X
ClientSampleId :

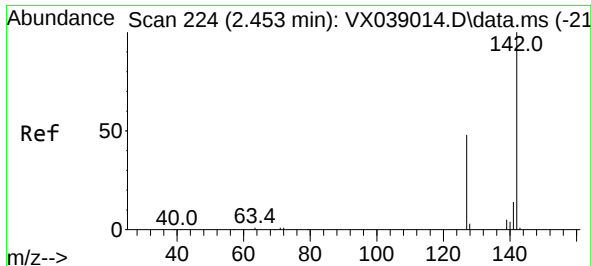
Tgt Ion:101 Resp: 204225
Ion Ratio Lower Upper
101 100
85 46.9 0.0 95.2
151 72.1 0.0 136.8



#10
1,1-Dichloroethene
Concen: 134.481 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Tgt Ion: 96 Resp: 208040
Ion Ratio Lower Upper
96 100
61 164.3 138.3 207.5
98 62.3 49.8 74.6

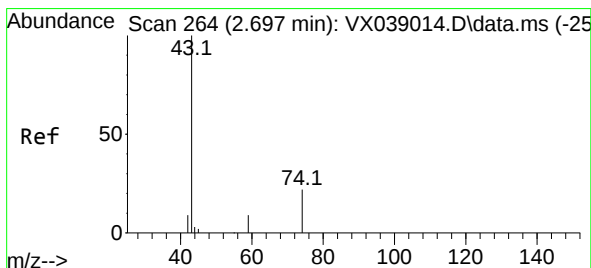
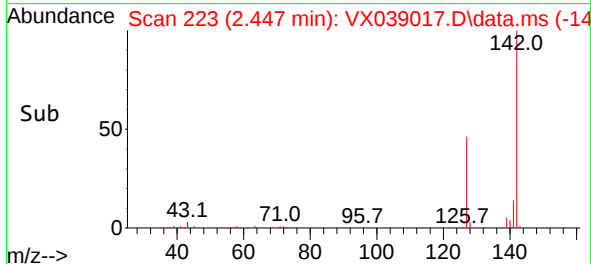
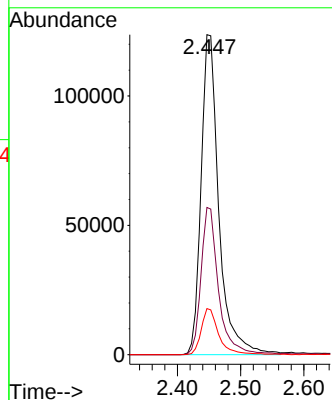
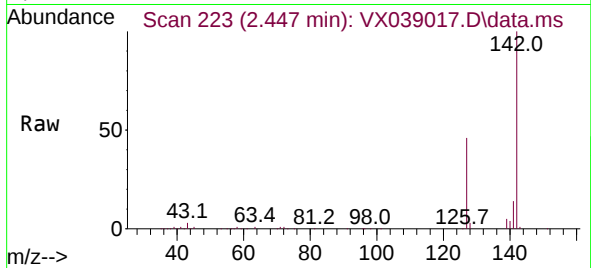




#11
Methyl Iodide
Concen: 142.981 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

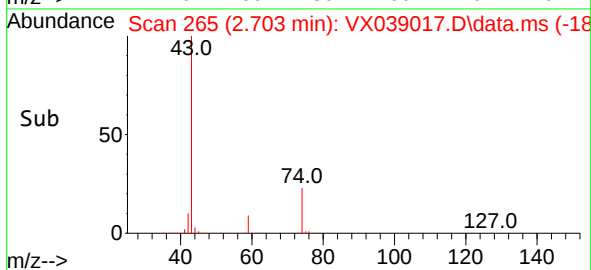
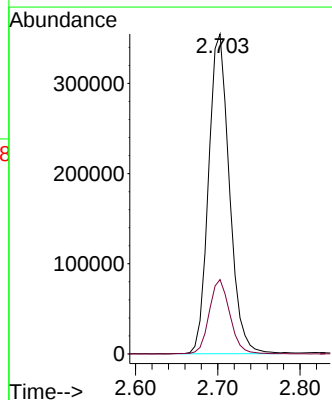
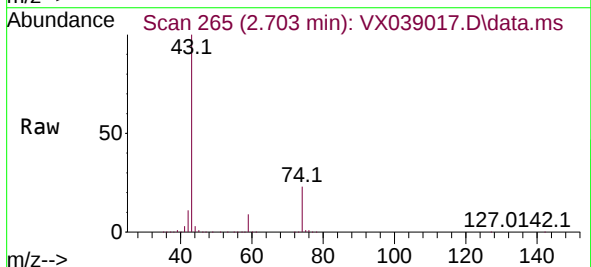
Instrument :
MSVOA_X
ClientSampleId :

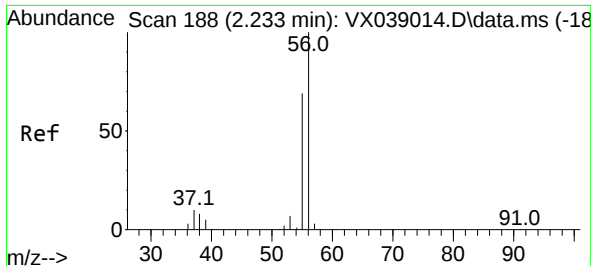
Tgt Ion:142 Resp: 242379
Ion Ratio Lower Upper
142 100
127 46.0 23.8 71.4
141 14.4 6.9 20.6



#12
Methyl Acetate
Concen: 129.436 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

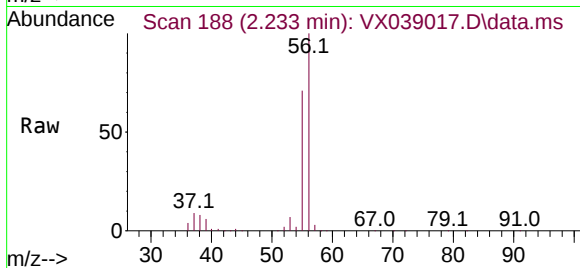
Tgt Ion: 43 Resp: 624507
Ion Ratio Lower Upper
43 100
74 23.2 17.8 26.6



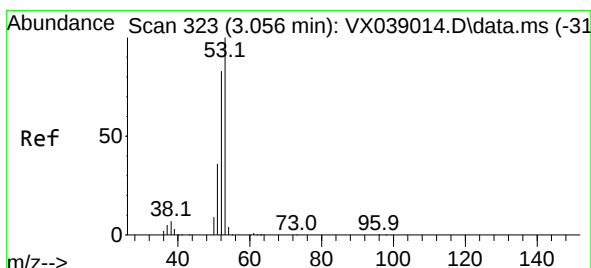
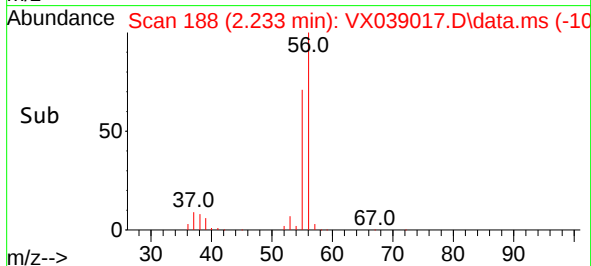
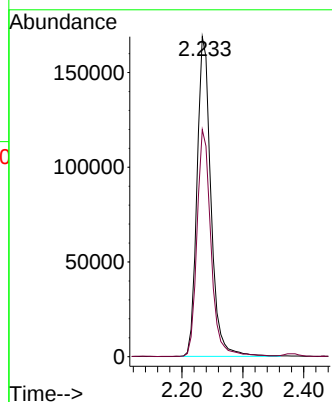


#13
Acrolein
Concen: 630.208 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Instrument :
MSVOA_X
ClientSampleId :

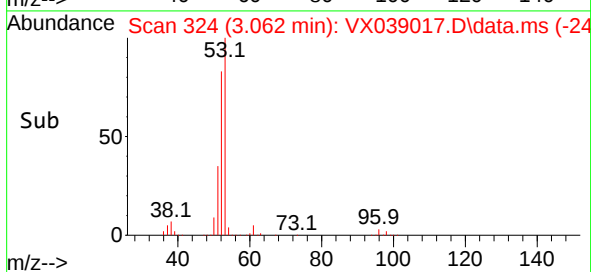
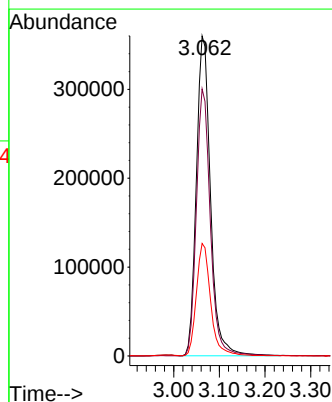
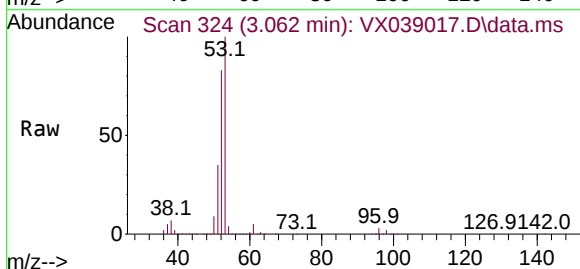


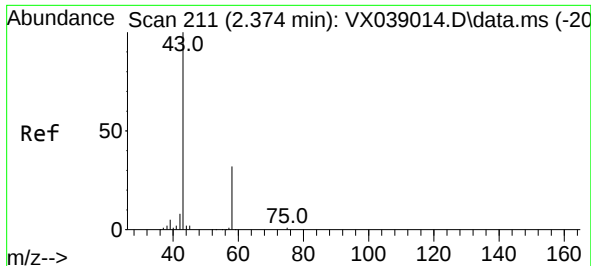
Tgt Ion: 56 Resp: 266371
Ion Ratio Lower Upper
56 100
55 71.7 57.2 85.8



#14
Acrylonitrile
Concen: 655.475 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Tgt Ion: 53 Resp: 773503
Ion Ratio Lower Upper
53 100
52 82.3 41.9 125.6
51 35.2 18.3 54.9

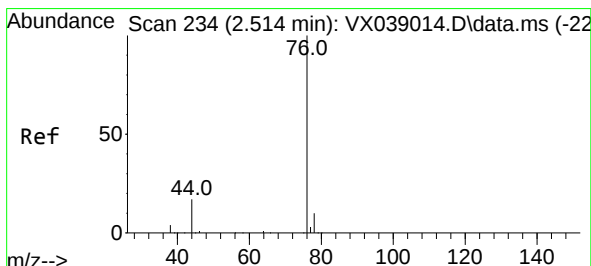
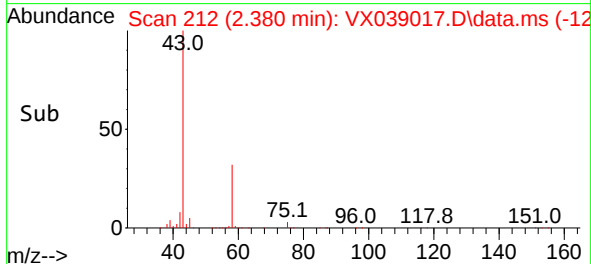
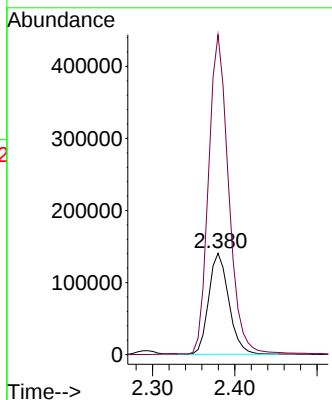
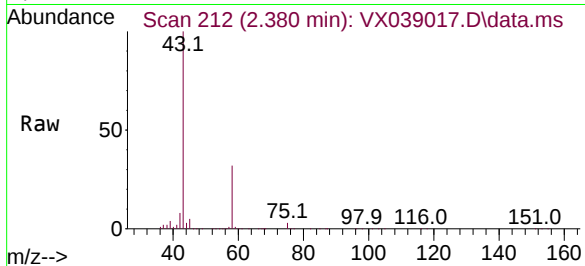




#15
Acetone
Concen: 556.048 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

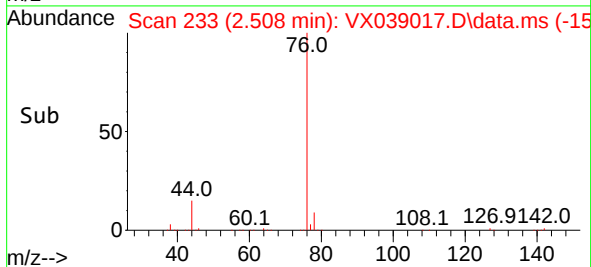
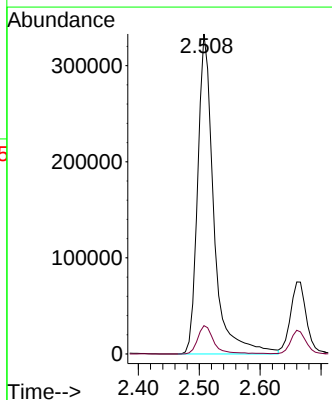
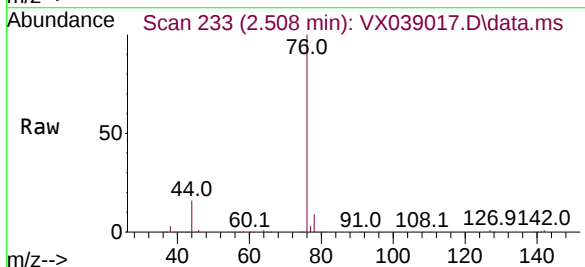
Instrument :
MSVOA_X
ClientSampleId :

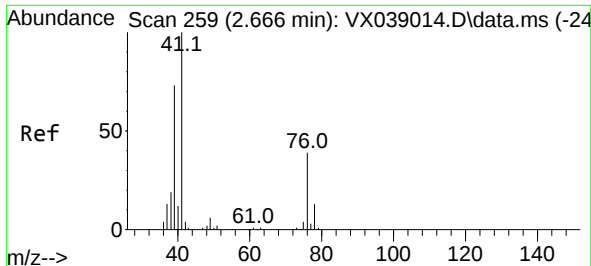
Tgt Ion: 58 Resp: 238515
Ion Ratio Lower Upper
58 100
43 315.9 249.9 374.9



#16
Carbon Disulfide
Concen: 131.193 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Tgt Ion: 76 Resp: 614670
Ion Ratio Lower Upper
76 100
78 8.9 8.0 12.0





#17

Allyl chloride

Concen: 131.661 ug/l

RT: 2.660 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

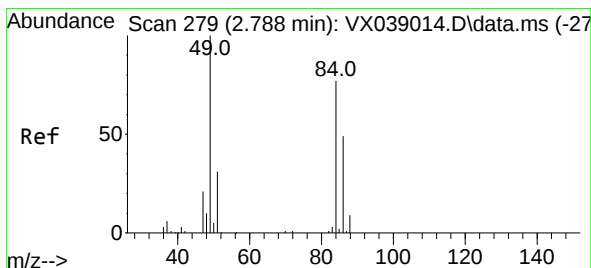
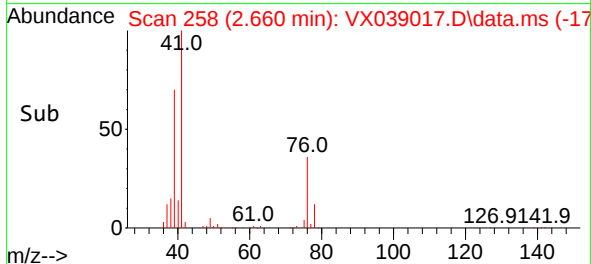
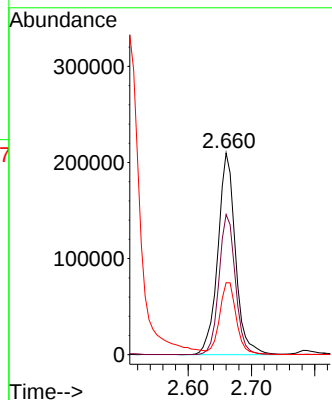
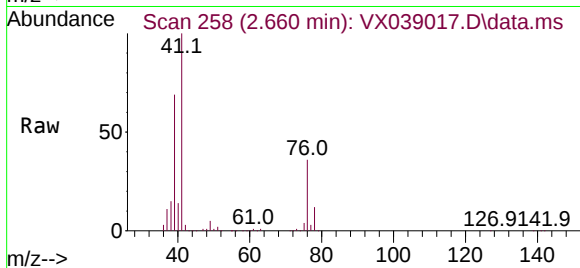
Tgt Ion: 41 Resp: 404330

Ion Ratio Lower Upper

41 100

39 69.4 36.5 109.5

76 35.6 19.7 59.0



#18

Methylene Chloride

Concen: 131.958 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Tgt Ion: 84 Resp: 241977

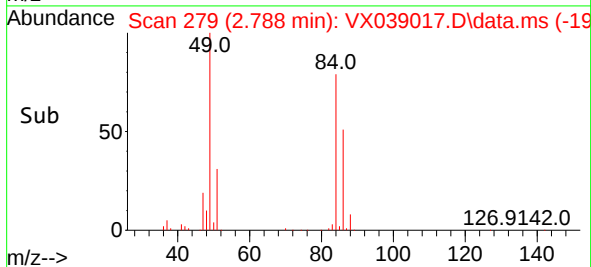
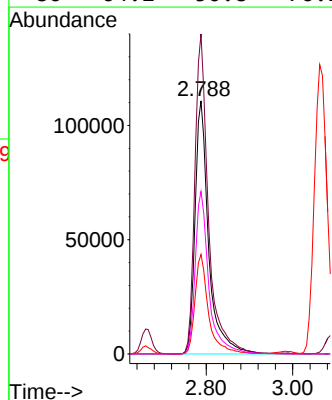
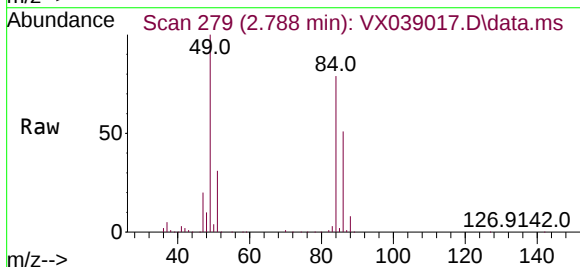
Ion Ratio Lower Upper

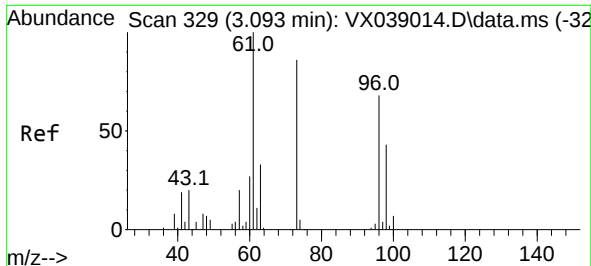
84 100

49 126.3 103.8 155.8

51 39.3 31.8 47.6

86 64.2 50.8 76.2

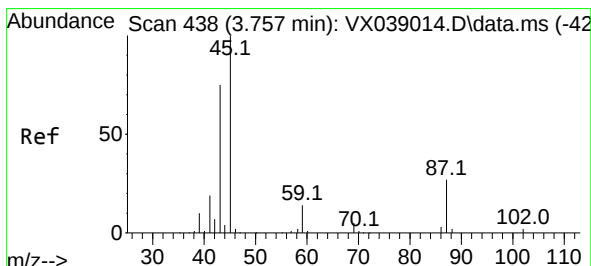
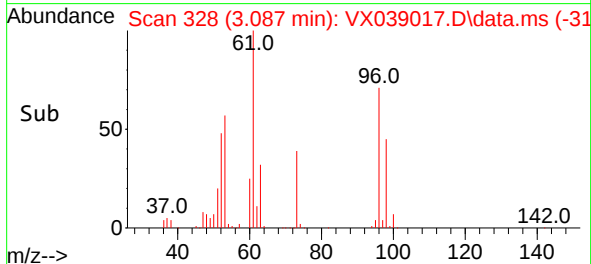
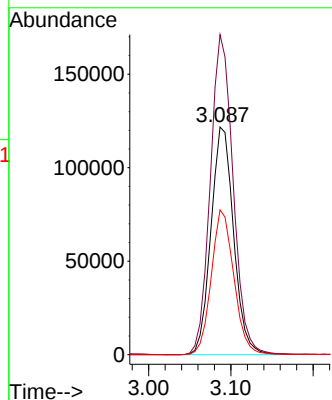
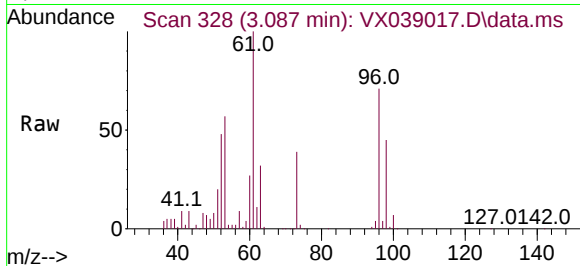




#19
trans-1,2-Dichloroethene
Concen: 133.490 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

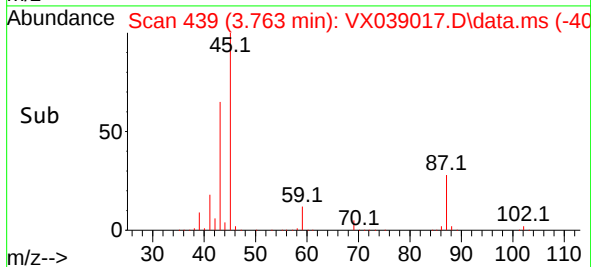
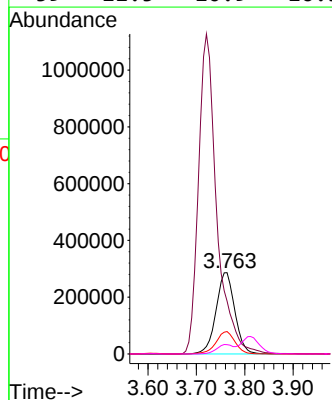
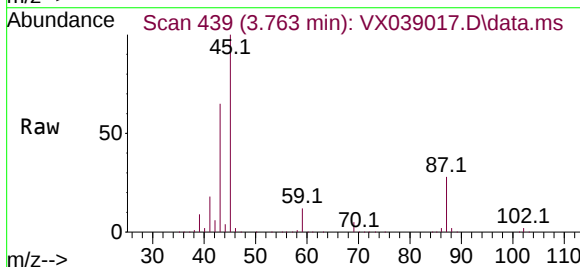
Instrument :
MSVOA_X
ClientSampleId :

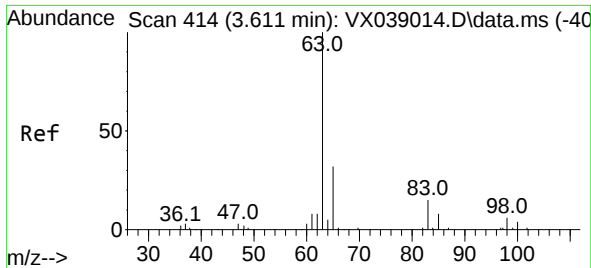
Tgt Ion: 96 Resp: 233558
Ion Ratio Lower Upper
96 100
61 140.6 117.9 176.9
98 63.6 51.0 76.6



#20
Diisopropyl ether
Concen: 132.534 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Tgt Ion: 45 Resp: 774553
Ion Ratio Lower Upper
45 100
43 65.0 67.7 101.5#
87 27.6 21.5 32.3
59 11.5 10.9 16.3

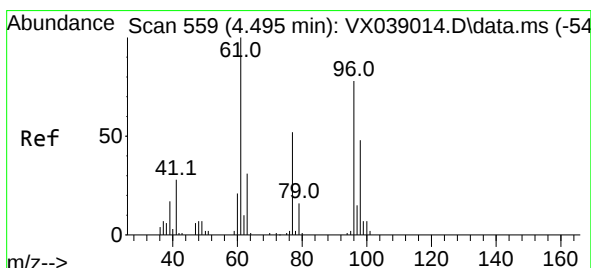
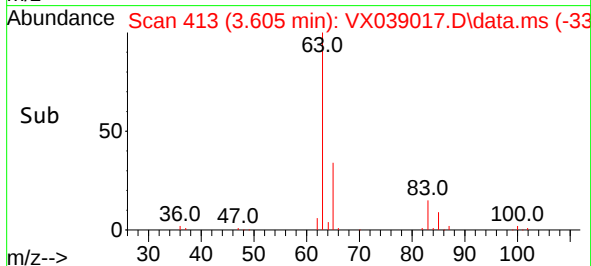
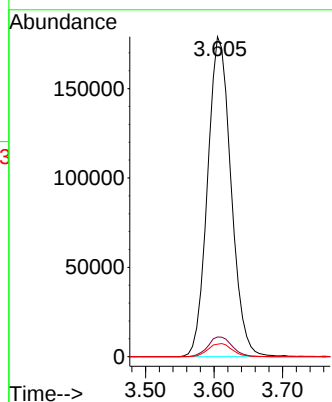
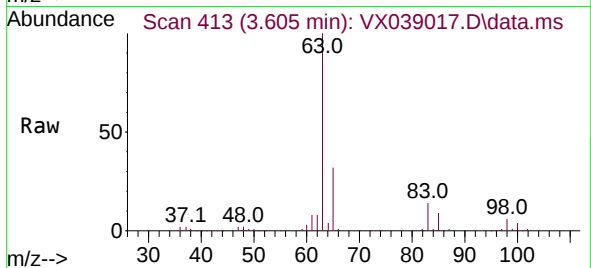




#21
1,1-Dichloroethane
Concen: 131.151 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

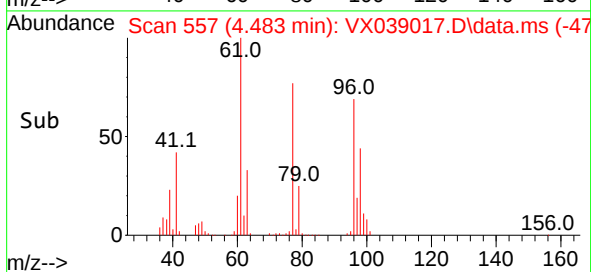
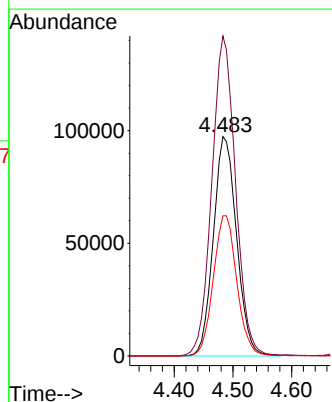
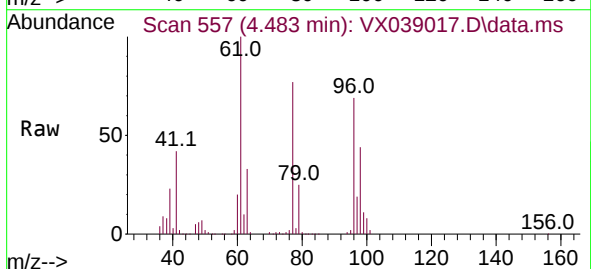
Instrument :
MSVOA_X
ClientSampleId :

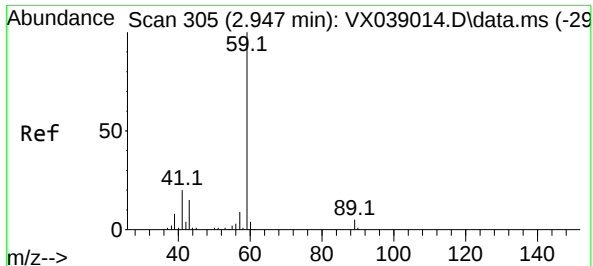
Tgt Ion: 63 Resp: 426155
Ion Ratio Lower Upper
63 100
98 6.2 2.9 8.8
100 3.9 2.0 5.8



#22
cis-1,2-Dichloroethene
Concen: 131.944 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Tgt Ion: 96 Resp: 267539
Ion Ratio Lower Upper
96 100
61 148.6 119.8 179.6
98 64.6 50.9 76.3

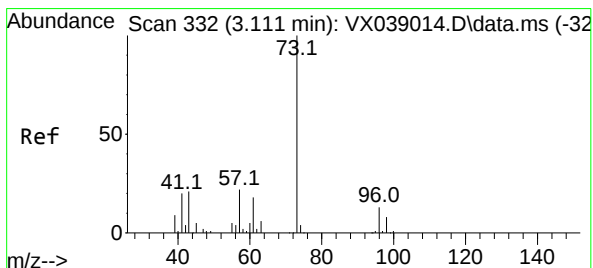
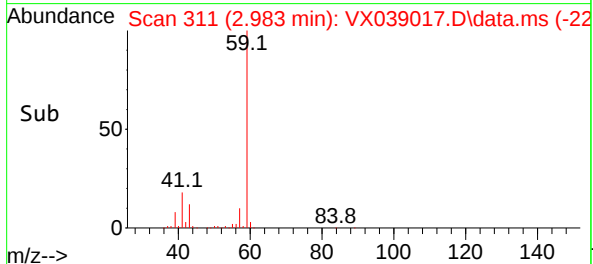
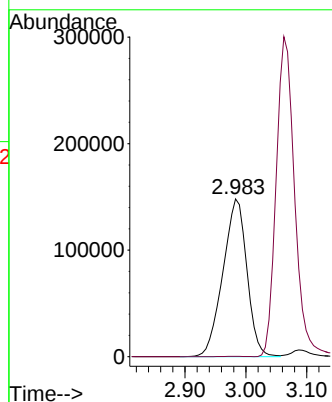
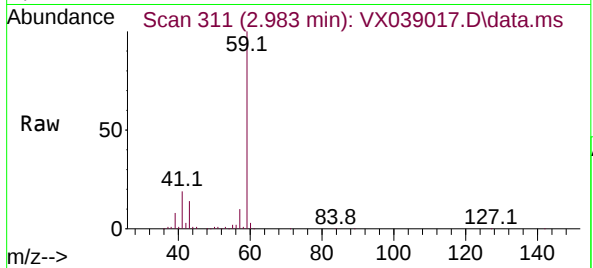




#23
tert-Butyl Alcohol
Concen: 620.764 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.037 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

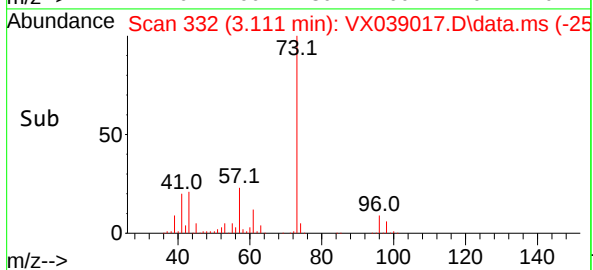
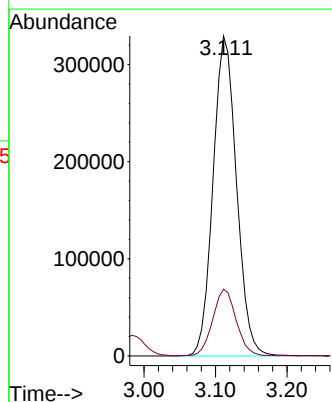
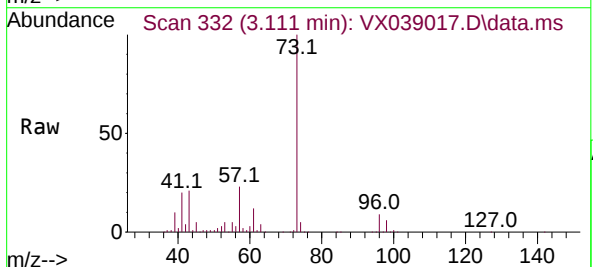
Instrument :
MSVOA_X
ClientSampleId :

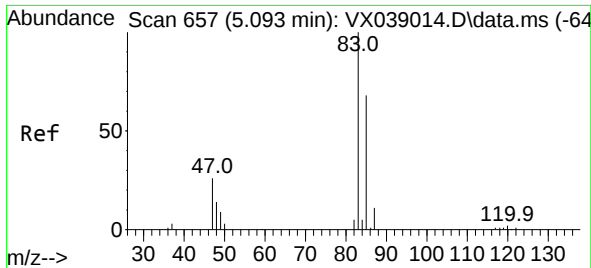
Tgt Ion: 59 Resp: 405545
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 131.631 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Tgt Ion: 73 Resp: 750126
Ion Ratio Lower Upper
73 100
43 20.7 17.0 25.6

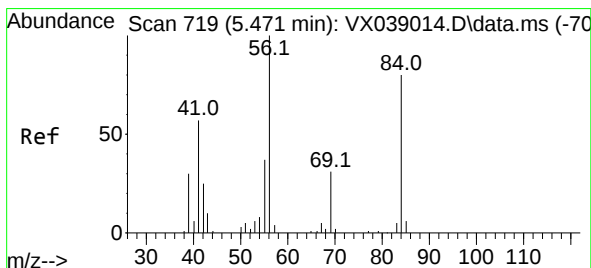
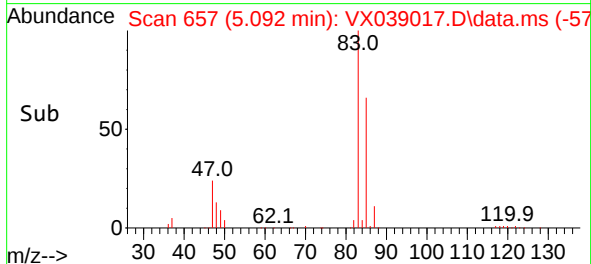
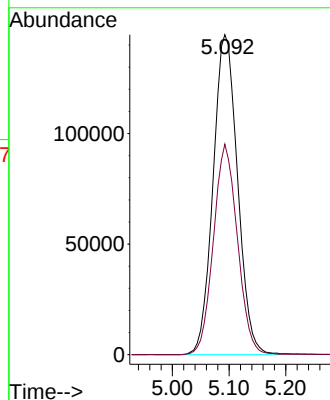
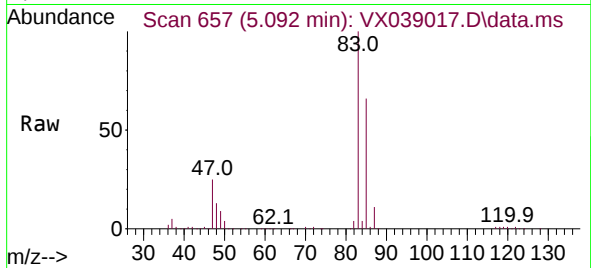




#25
Chloroform
Concen: 133.205 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

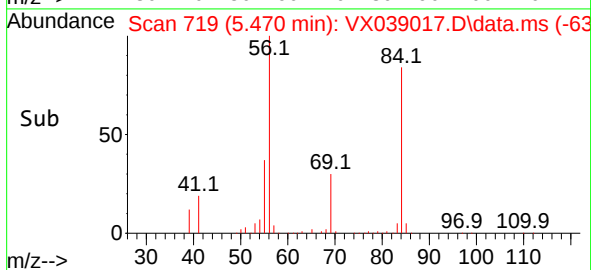
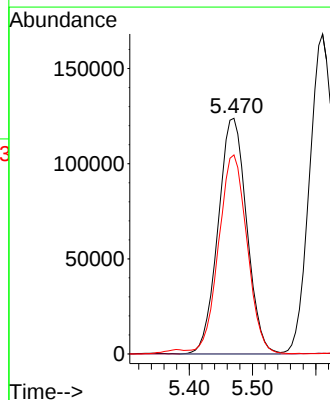
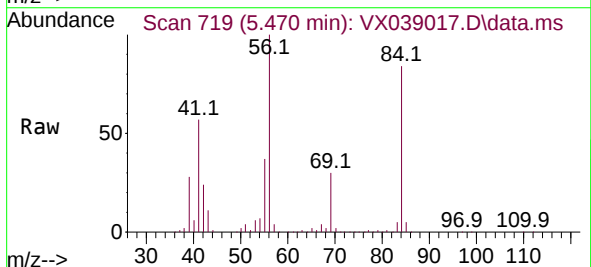
Instrument :
MSVOA_X
ClientSampleId :

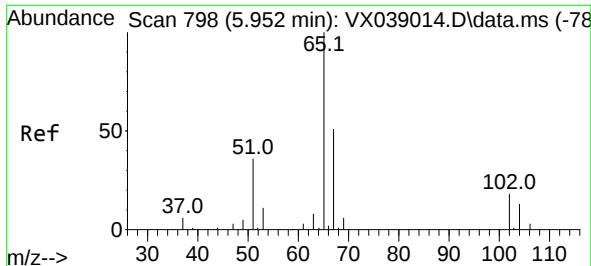
Tgt Ion: 83 Resp: 434416
Ion Ratio Lower Upper
83 100
85 65.8 54.6 81.8



#26
Cyclohexane
Concen: 132.422 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Tgt Ion: 56 Resp: 389444
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.9 67.2 100.8

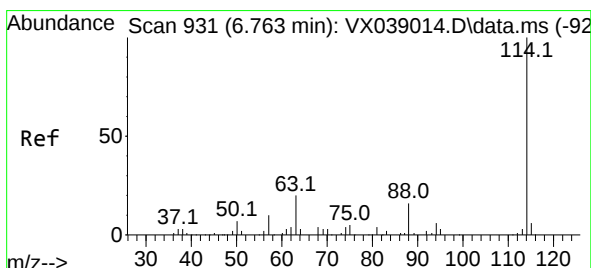
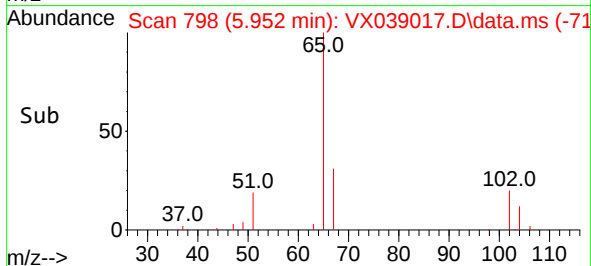
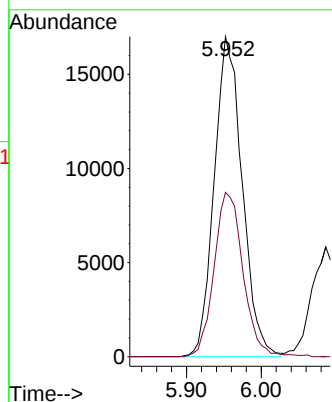
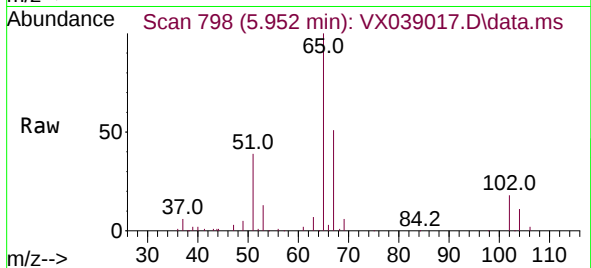




#27
 1,2-Dichloroethane-d4
 Concen: 28.442 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX039017.D
 Acq: 24 Nov 2023 10:53

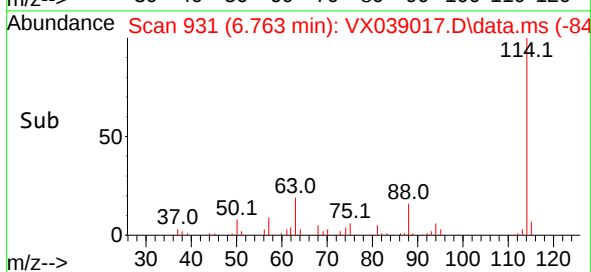
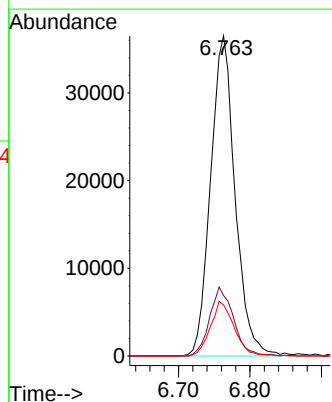
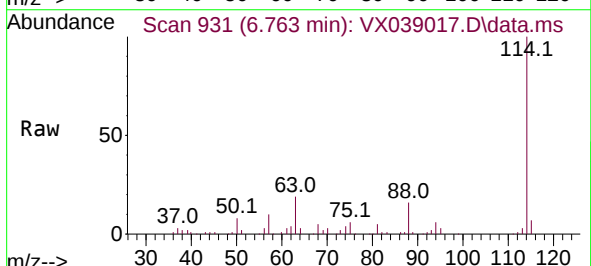
Instrument :
 MSVOA_X
 ClientSampleId :

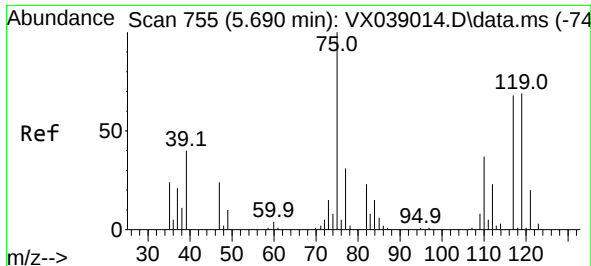
Tgt Ion: 65 Resp: 44253
 Ion Ratio Lower Upper
 65 100
 67 52.8 42.5 63.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX039017.D
 Acq: 24 Nov 2023 10:53

Tgt Ion: 114 Resp: 86778
 Ion Ratio Lower Upper
 114 100
 63 20.8 17.0 25.4
 88 16.5 12.7 19.1





#29

1,1-Dichloropropene

Concen: 135.103 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

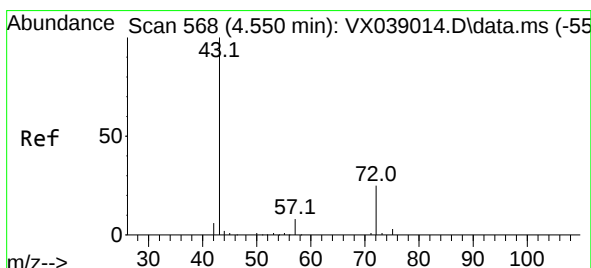
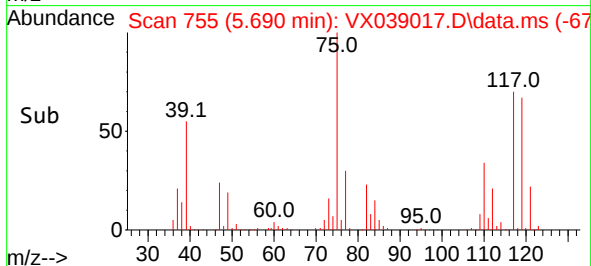
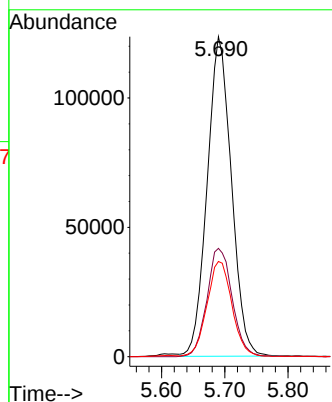
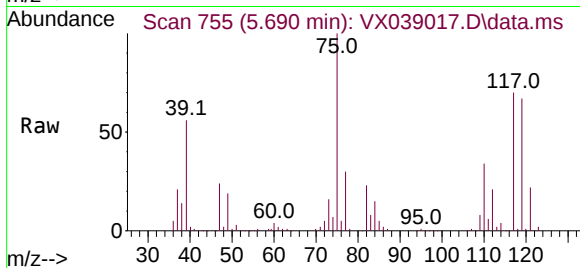
Tgt Ion: 75 Resp: 328654

Ion Ratio Lower Upper

75 100

110 35.2 0.0 71.2

77 30.9 0.0 62.6



#30

2-Butanone

Concen: 637.619 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.006 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

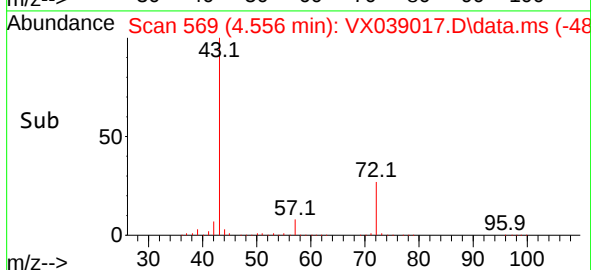
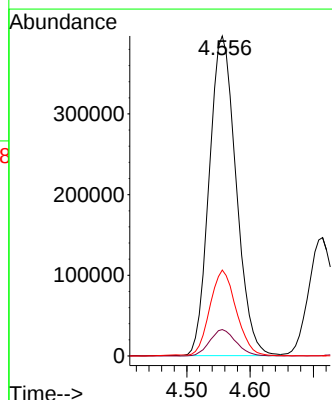
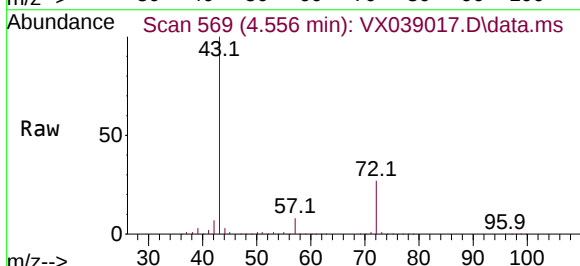
Tgt Ion: 43 Resp: 1167817

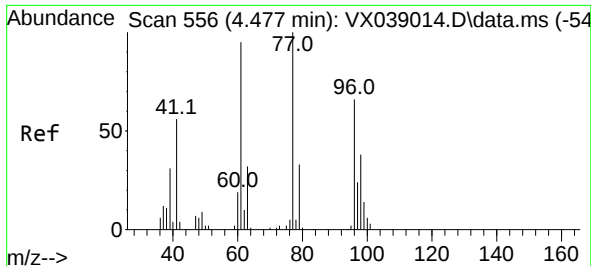
Ion Ratio Lower Upper

43 100

57 8.1 6.6 10.0

72 26.4 20.6 31.0





#31

2,2-Dichloropropane

Concen: 135.495 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Instrument :

MSVOA_X

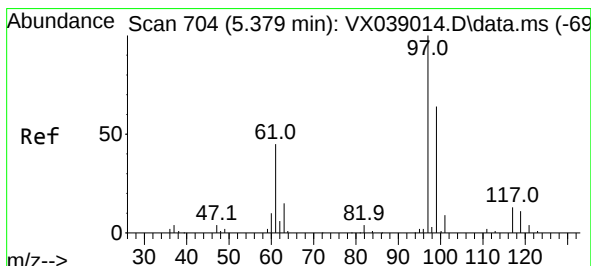
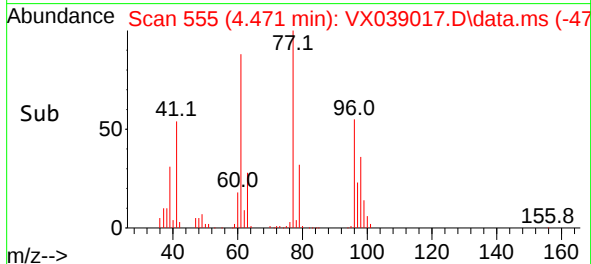
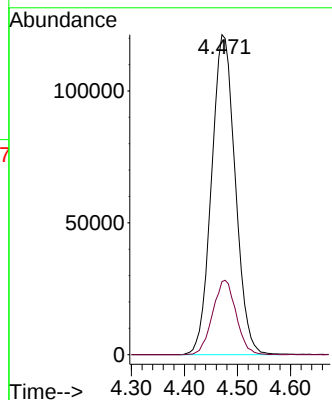
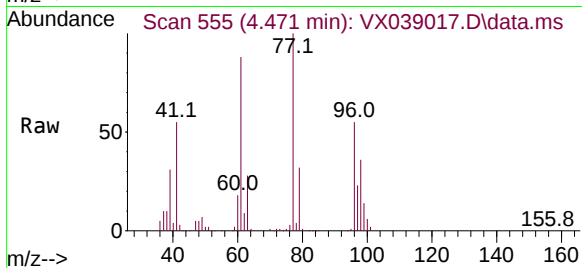
ClientSampleId :

Tgt Ion: 77 Resp: 376862

Ion Ratio Lower Upper

77 100

97 23.0 18.2 27.4



#32

1,1,1-Trichloroethane

Concen: 138.078 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

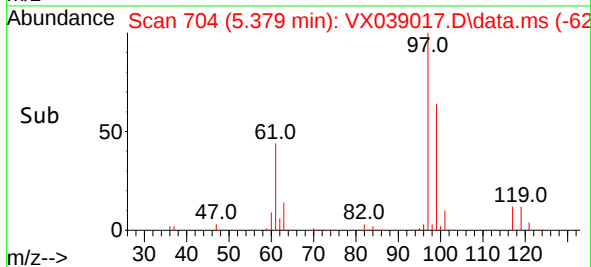
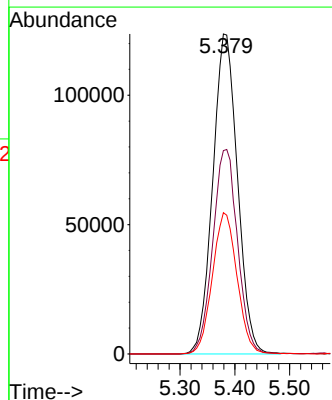
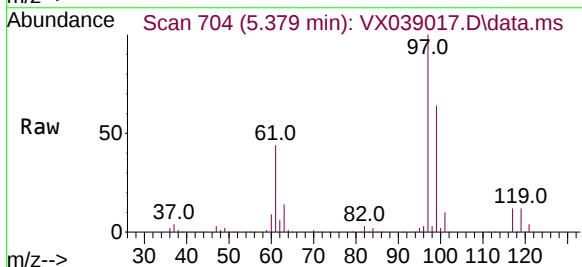
Tgt Ion: 97 Resp: 388232

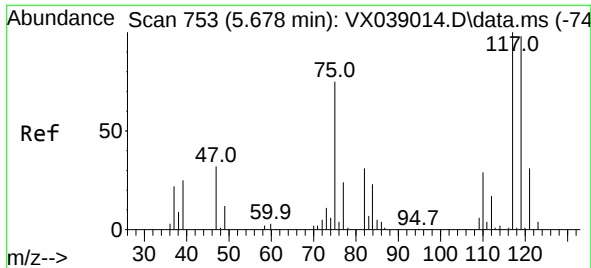
Ion Ratio Lower Upper

97 100

99 64.0 52.6 79.0

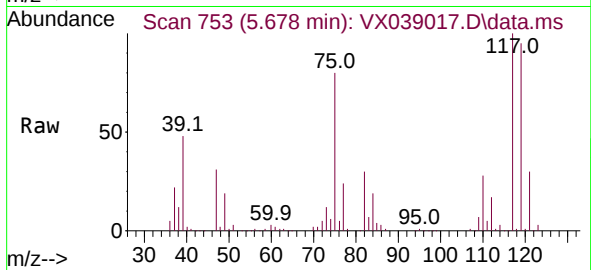
61 44.0 36.9 55.3



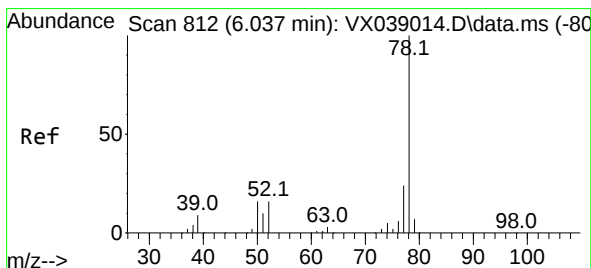
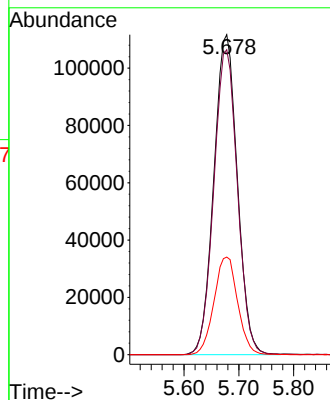
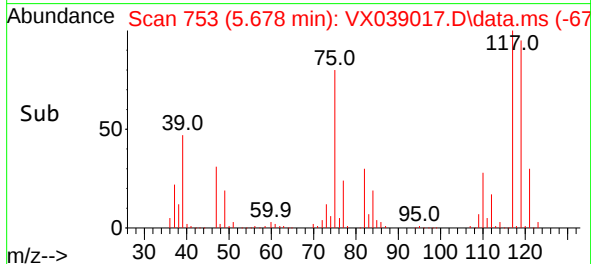


#33
Carbon Tetrachloride
Concen: 140.548 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Instrument :
MSVOA_X
ClientSampleId :

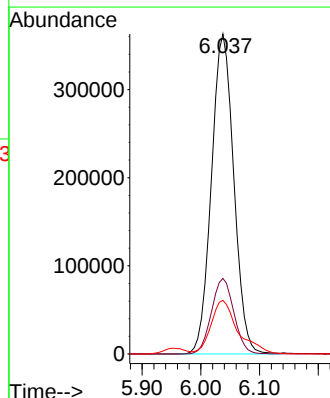
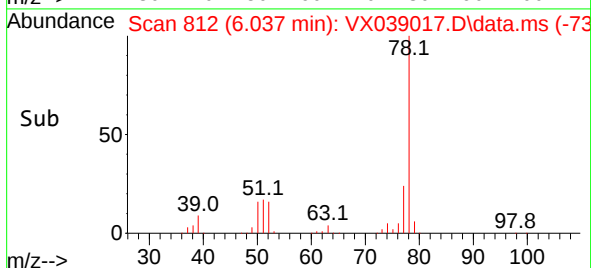
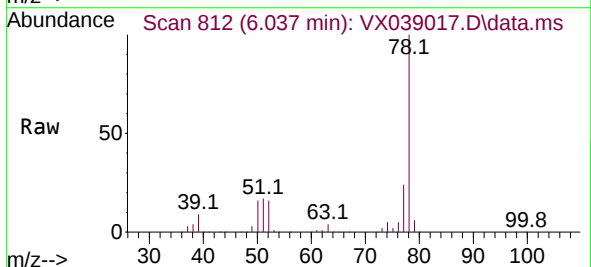


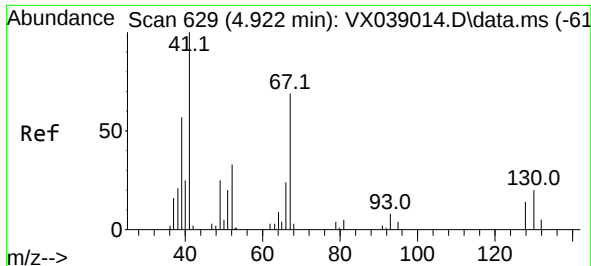
Tgt Ion:117 Resp: 332869
Ion Ratio Lower Upper
117 100
119 95.3 78.2 117.4
121 30.5 24.7 37.1



#34
Benzene
Concen: 135.581 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Tgt Ion: 78 Resp: 960782
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9
51 16.6 14.4 21.6



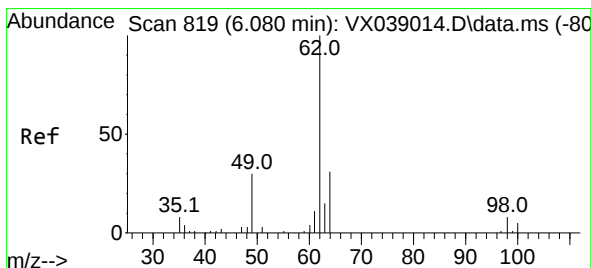
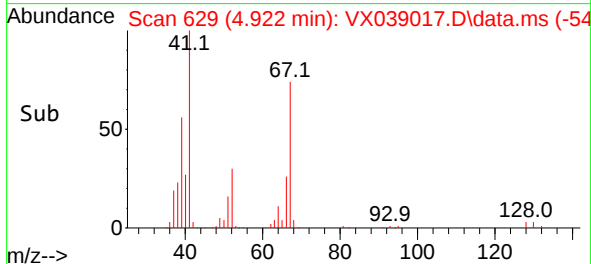
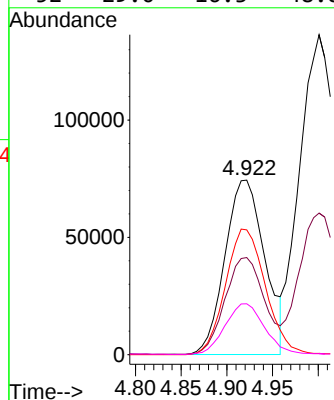
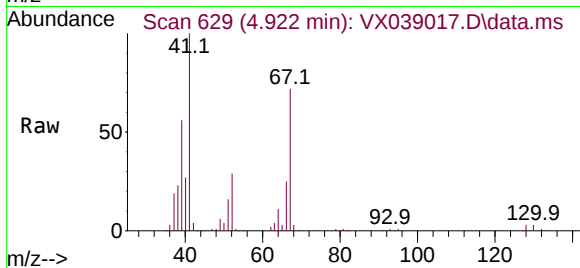


#35
Methacrylonitrile
Concen: 139.204 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 225838

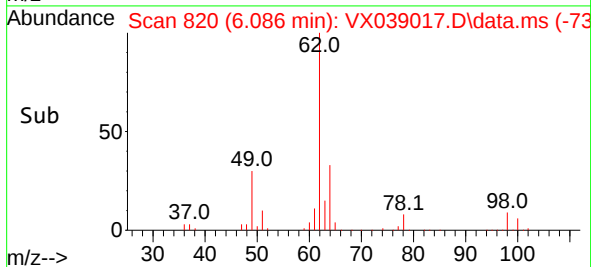
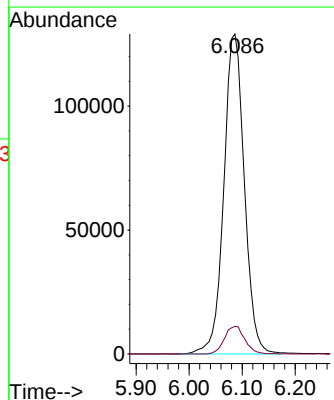
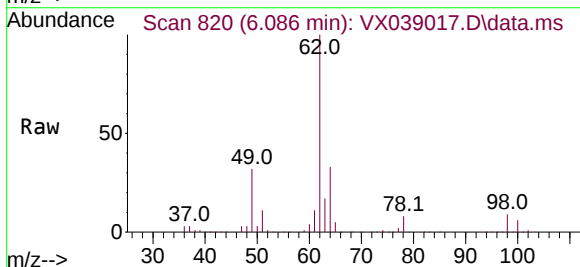
Ion	Ratio	Lower	Upper
41	100		
39	55.4	28.2	84.7
67	71.6	34.5	103.5
52	29.0	16.3	48.8

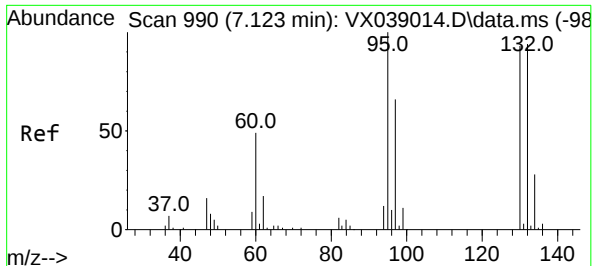


#36
1,2-Dichloroethane
Concen: 133.632 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Tgt Ion: 62 Resp: 347465

Ion	Ratio	Lower	Upper
62	100		
98	8.5	7.0	10.4





#37

Trichloroethene

Concen: 135.717 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Instrument :

MSVOA_X

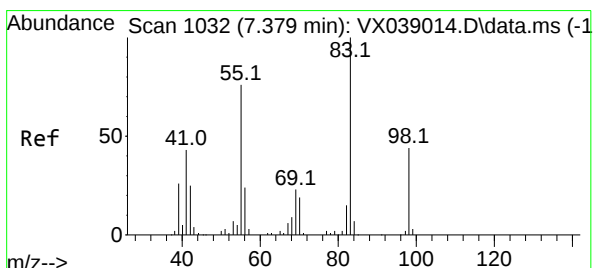
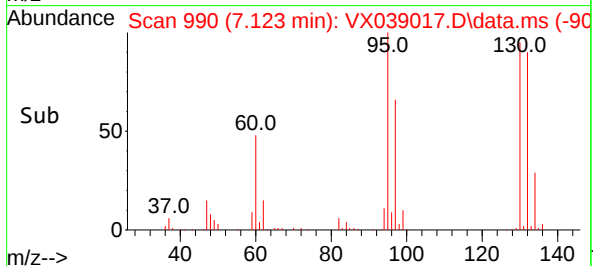
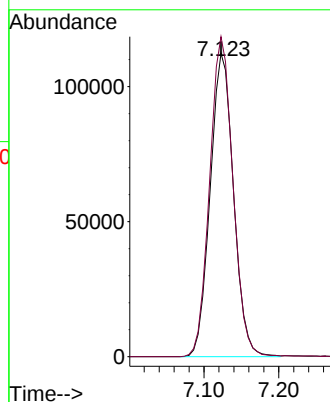
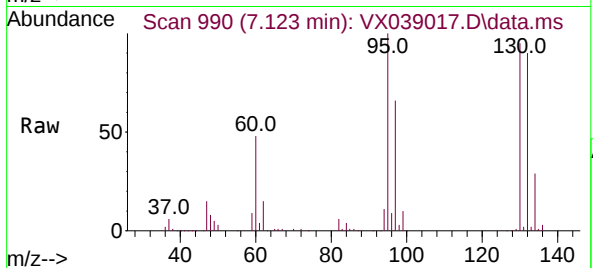
ClientSampleId :

Tgt Ion:130 Resp: 244097

Ion Ratio Lower Upper

130 100

95 105.5 85.8 128.8



#38

Methylcyclohexane

Concen: 137.358 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

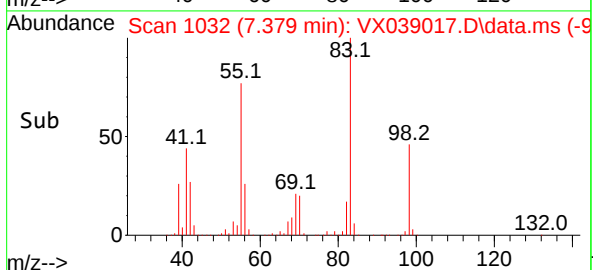
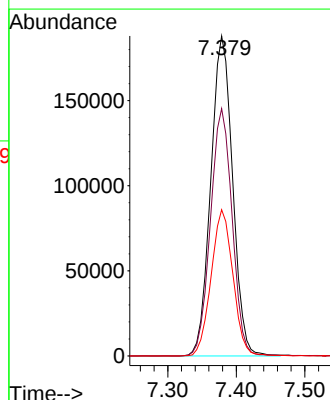
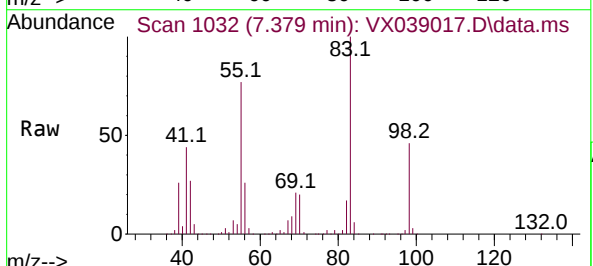
Tgt Ion: 83 Resp: 416339

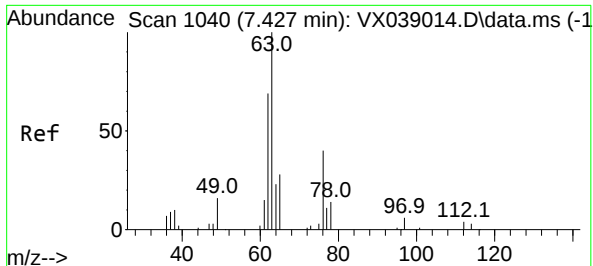
Ion Ratio Lower Upper

83 100

55 76.6 38.6 116.0

98 45.6 22.3 66.8





#39

1,2-Dichloropropane

Concen: 136.104 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Instrument :

MSVOA_X

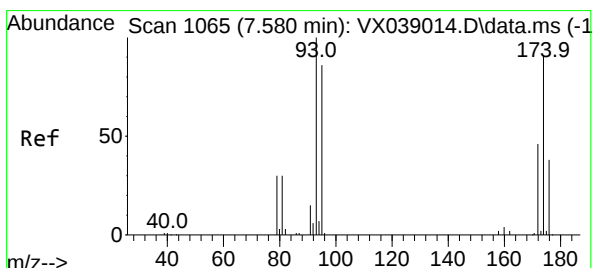
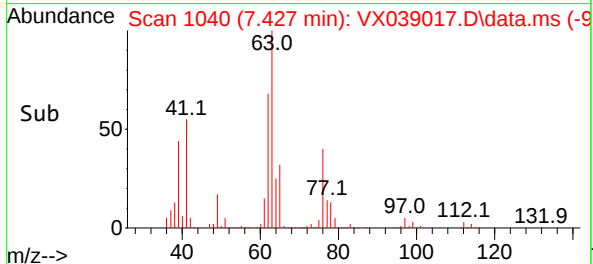
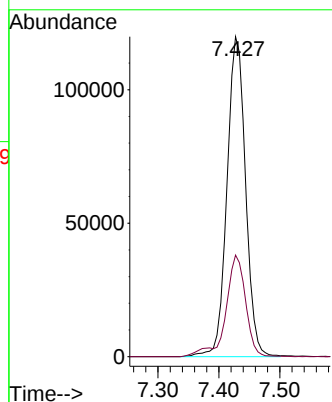
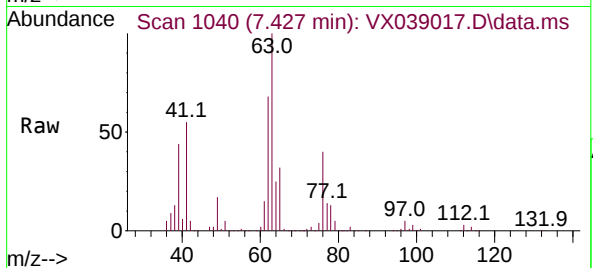
ClientSampleId :

Tgt Ion: 63 Resp: 254366

Ion Ratio Lower Upper

63 100

65 31.7 24.6 37.0



#40

Dibromomethane

Concen: 135.833 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

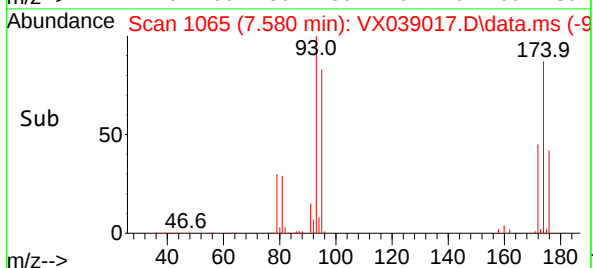
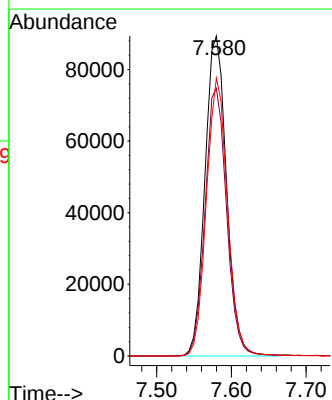
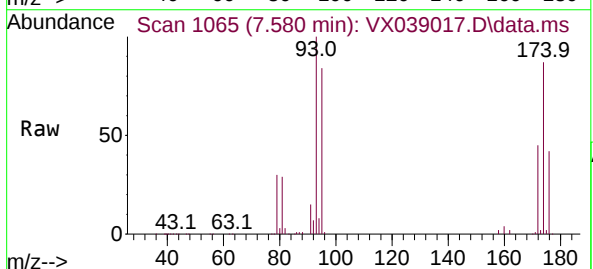
Tgt Ion: 93 Resp: 179364

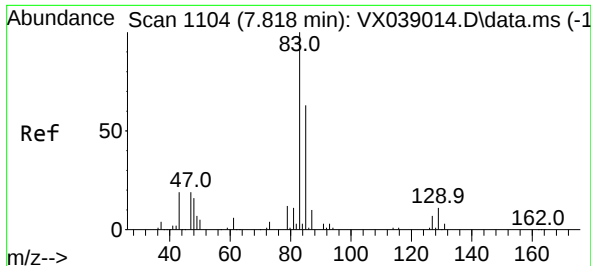
Ion Ratio Lower Upper

93 100

95 83.6 0.0 163.4

174 85.1 0.0 166.4

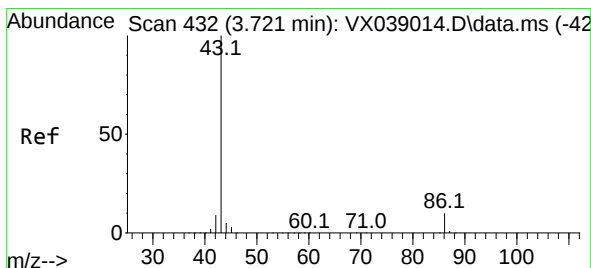
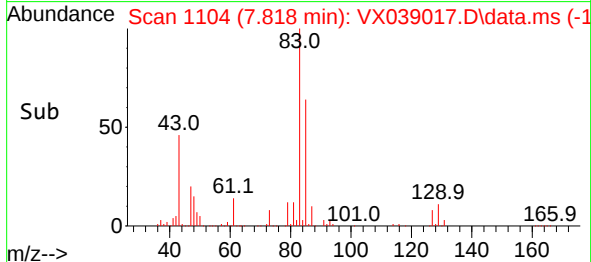
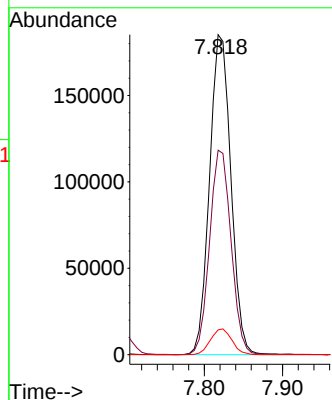
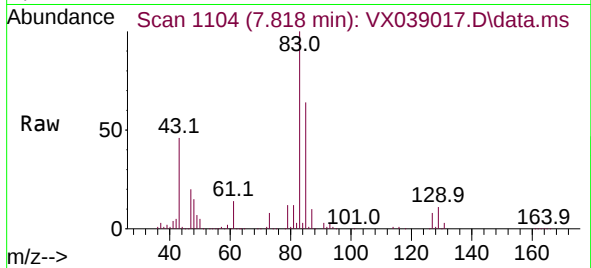




#41
Bromodichloromethane
Concen: 138.326 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

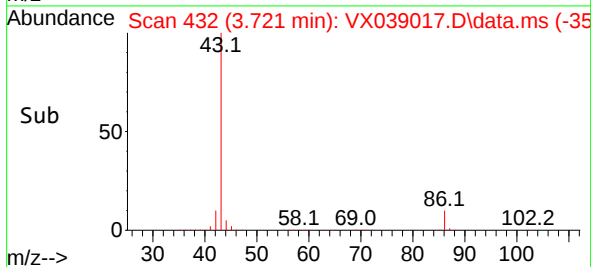
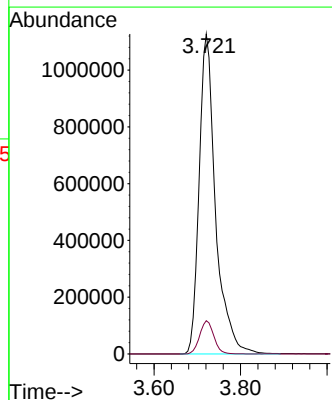
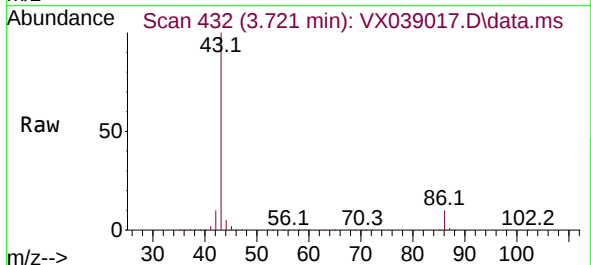
Instrument :
MSVOA_X
ClientSampleId :

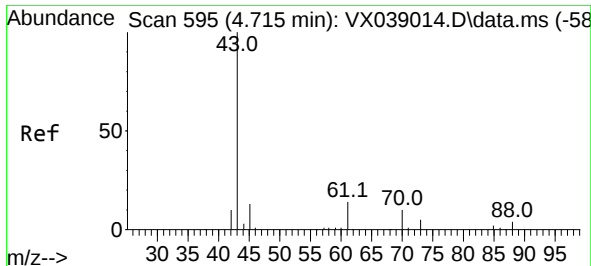
Tgt Ion: 83 Resp: 350908
Ion Ratio Lower Upper
83 100
85 63.9 50.8 76.2
127 7.8 5.9 8.9



#42
Vinyl Acetate
Concen: 679.714 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Tgt Ion: 43 Resp: 2965135
Ion Ratio Lower Upper
43 100
86 9.0 6.7 10.1

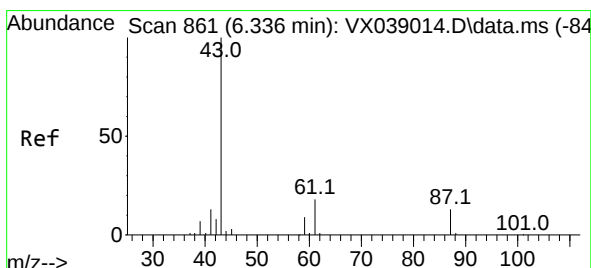
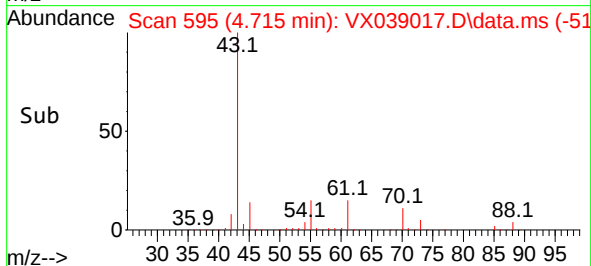
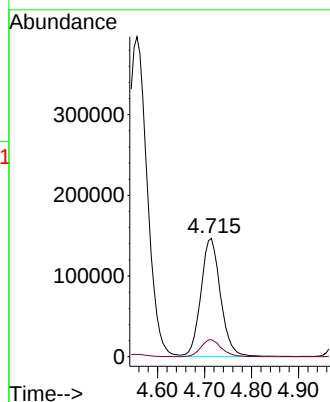
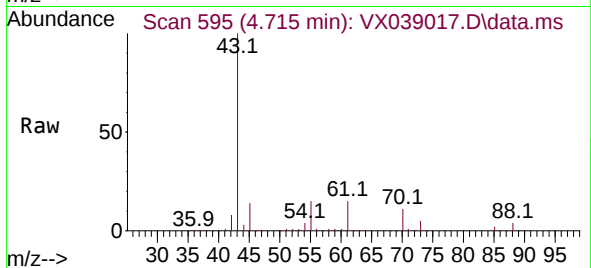




#43
Ethyl Acetate
Concen: 134.751 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

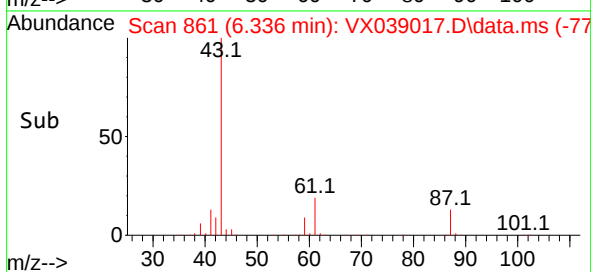
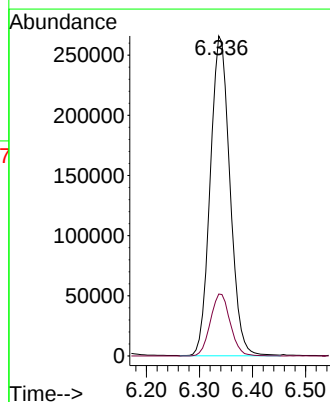
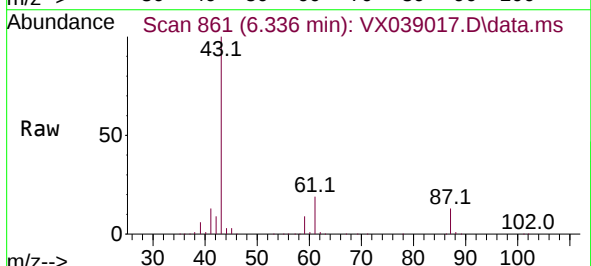
Instrument :
MSVOA_X
ClientSampleId :

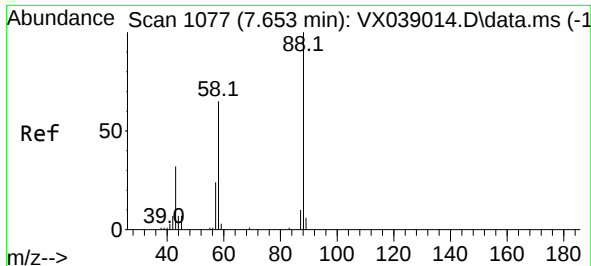
Tgt Ion: 43 Resp: 424601
Ion Ratio Lower Upper
43 100
45 14.9 11.8 17.8



#44
Isopropyl Acetate
Concen: 137.879 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Tgt Ion: 43 Resp: 684880
Ion Ratio Lower Upper
43 100
61 19.5 15.6 23.4

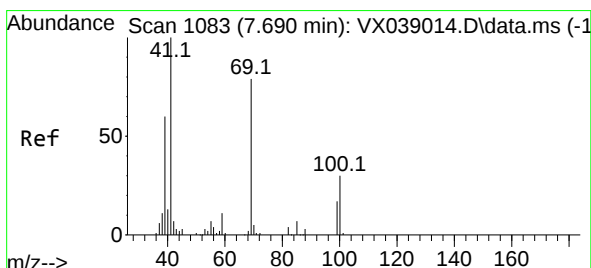
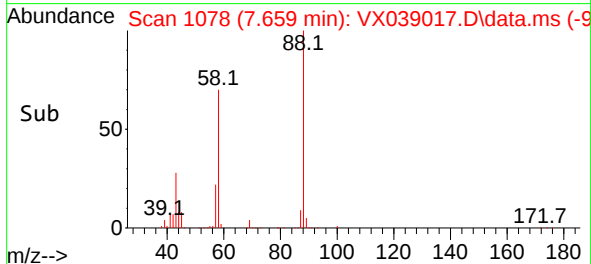
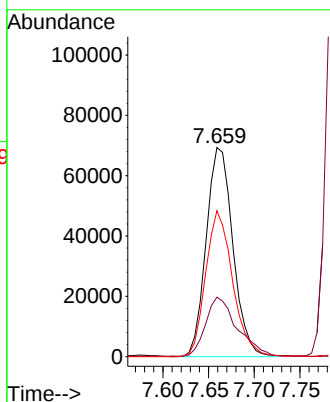
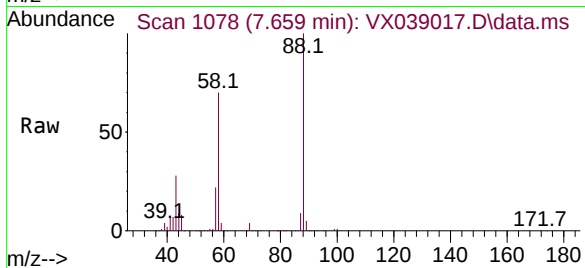




#45
1,4-Dioxane
Concen: 2779.631 ug/l
RT: 7.659 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

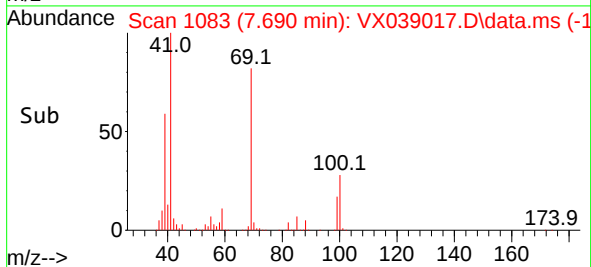
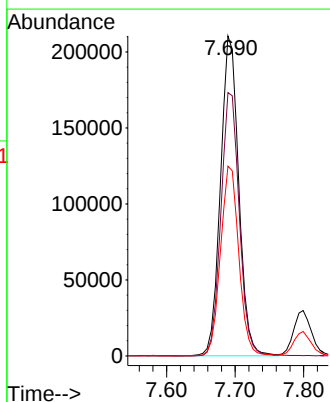
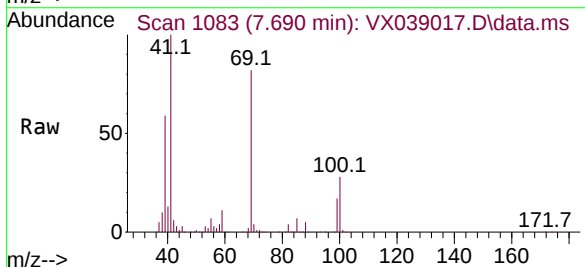
Instrument :
MSVOA_X
ClientSampleId :

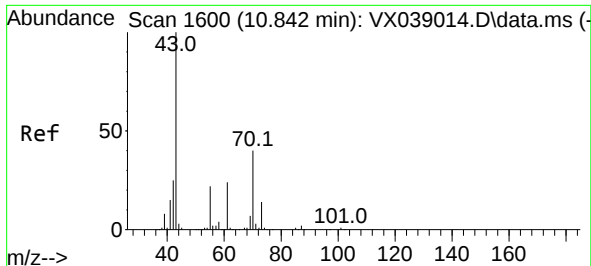
Tgt Ion: 88 Resp: 140951
Ion Ratio Lower Upper
88 100
43 33.2 28.1 42.1
58 70.6 57.7 86.5



#46
Methyl methacrylate
Concen: 136.414 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Tgt Ion: 41 Resp: 387417
Ion Ratio Lower Upper
41 100
69 82.4 39.6 118.8
39 59.3 30.1 90.3





#47

n-amyl acetate

Concen: 144.932 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Instrument :

MSVOA_X

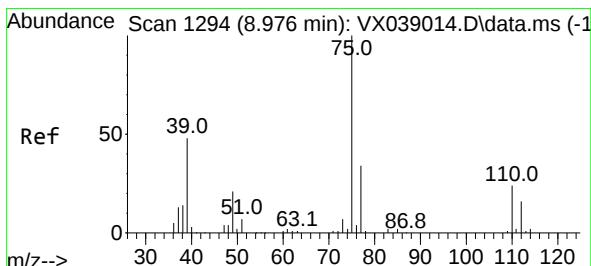
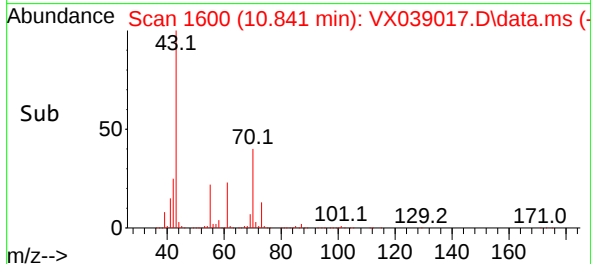
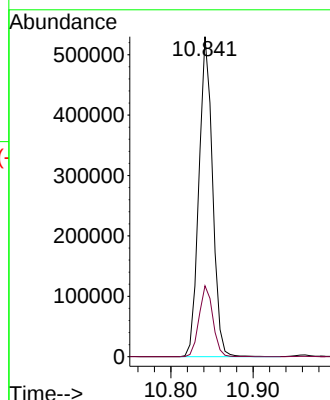
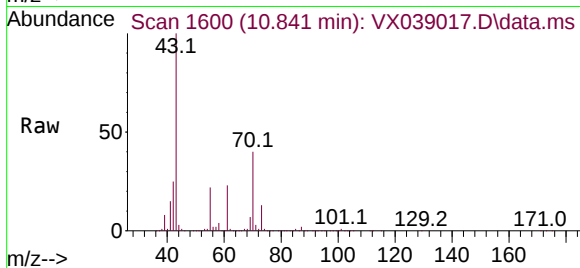
ClientSampleId :

Tgt Ion: 43 Resp: 609332

Ion Ratio Lower Upper

43 100

55 22.4 18.2 27.2



#48

t-1,3-Dichloropropene

Concen: 139.110 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX039017.D

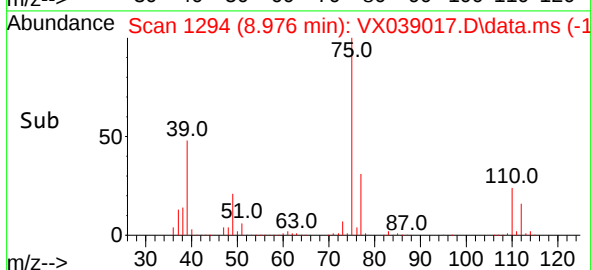
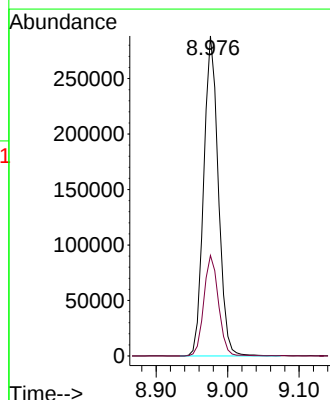
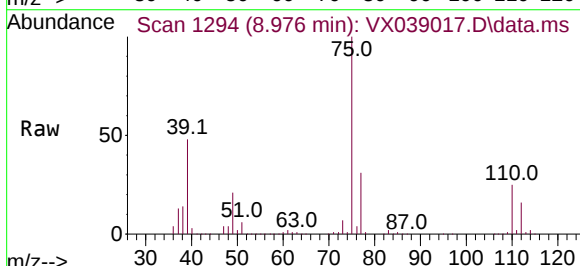
Acq: 24 Nov 2023 10:53

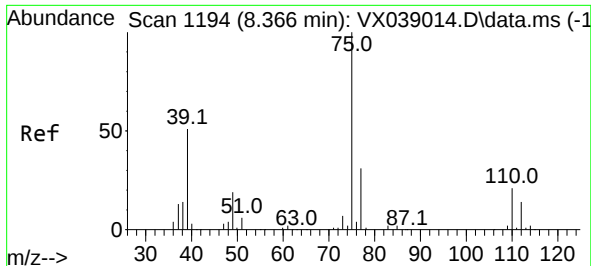
Tgt Ion: 75 Resp: 409190

Ion Ratio Lower Upper

75 100

77 31.4 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 138.963 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

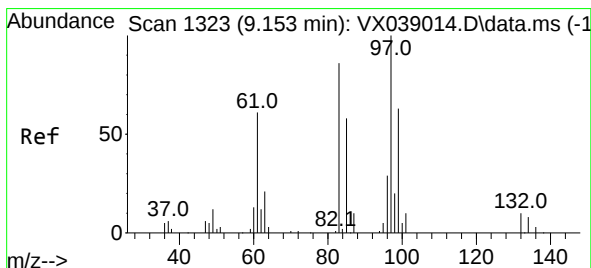
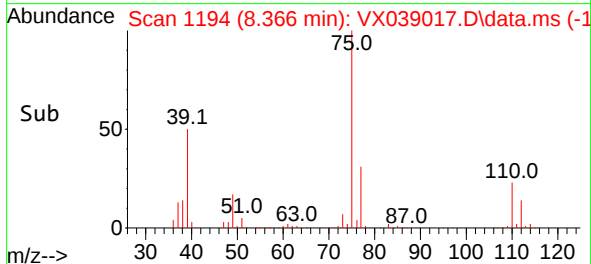
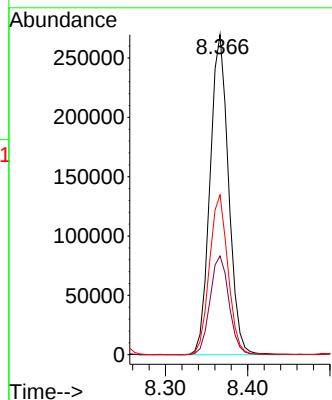
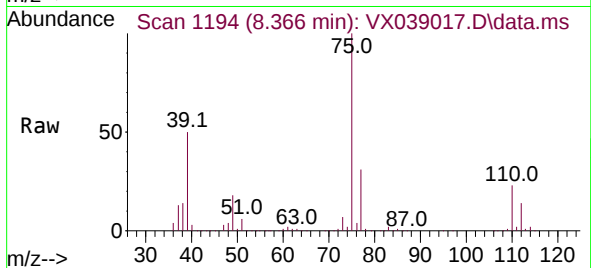
Tgt Ion: 75 Resp: 421674

Ion Ratio Lower Upper

75 100

77 30.9 24.4 36.6

39 50.0 40.6 60.8



#50

1,1,2-Trichloroethane

Concen: 138.316 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Tgt Ion: 97 Resp: 248108

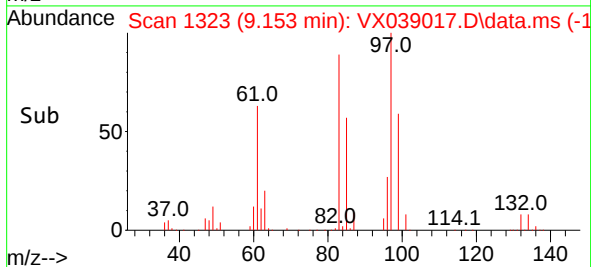
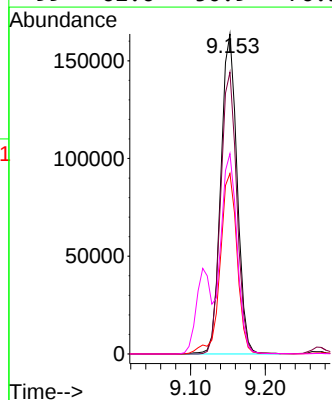
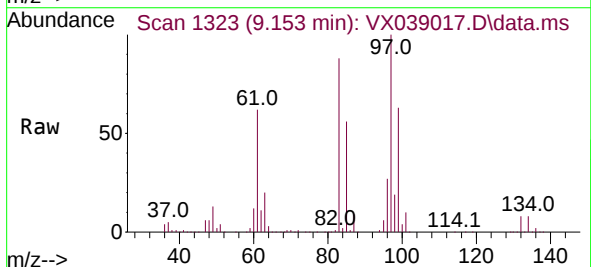
Ion Ratio Lower Upper

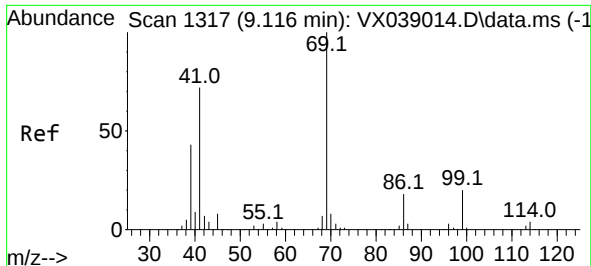
97 100

83 88.0 69.0 103.6

85 56.4 46.3 69.5

99 62.6 50.9 76.3

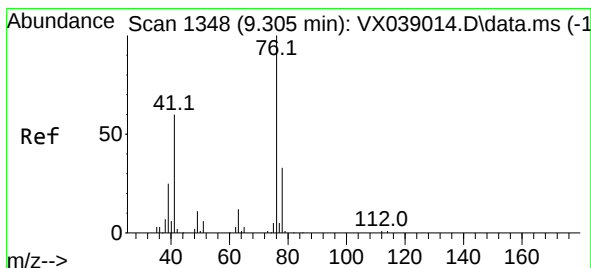
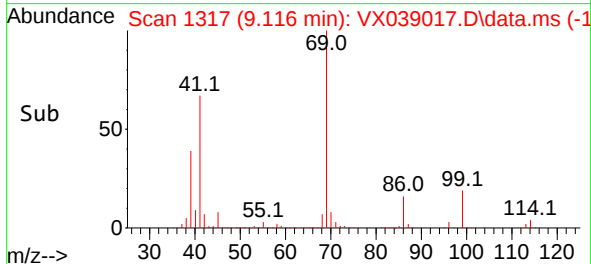
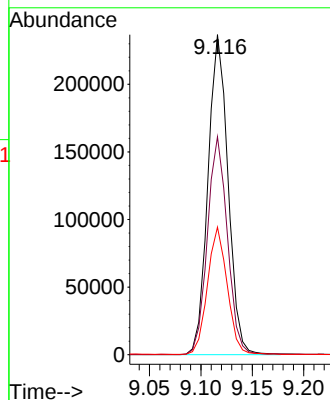
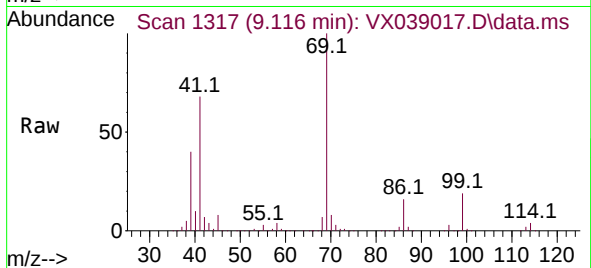




#51
Ethyl methacrylate
Concen: 143.073 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

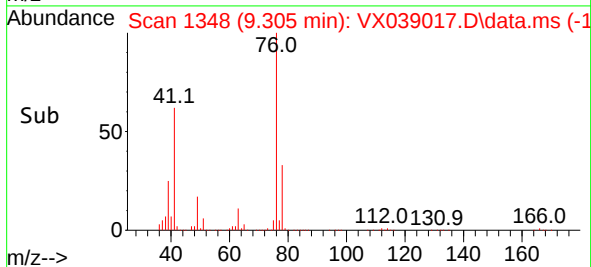
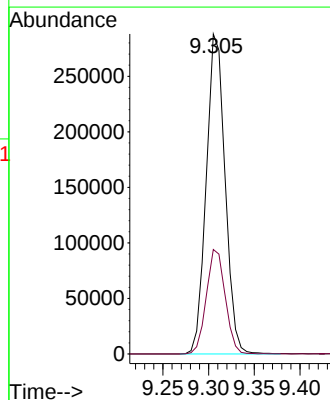
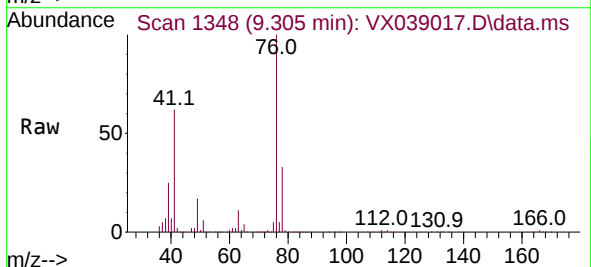
Instrument :
MSVOA_X
ClientSampleId :

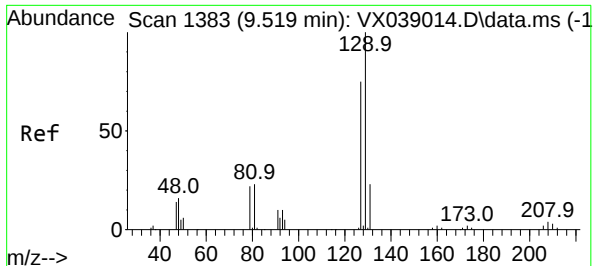
Tgt Ion: 69 Resp: 321258
Ion Ratio Lower Upper
69 100
41 68.0 36.2 108.6
39 39.8 21.1 63.4



#52
1,3-Dichloropropane
Concen: 134.148 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Tgt Ion: 76 Resp: 412613
Ion Ratio Lower Upper
76 100
78 32.7 0.0 65.0





#53

Dibromochloromethane

Concen: 139.937 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Instrument :

MSVOA_X

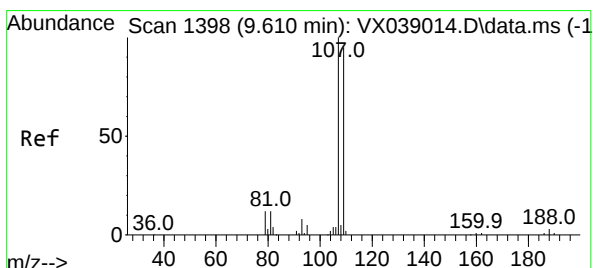
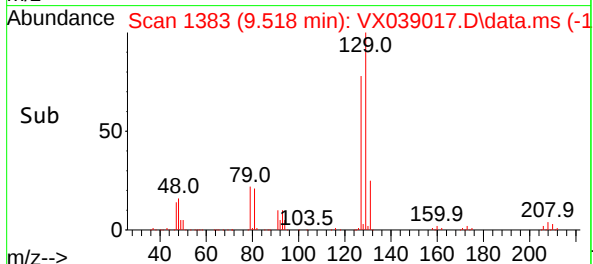
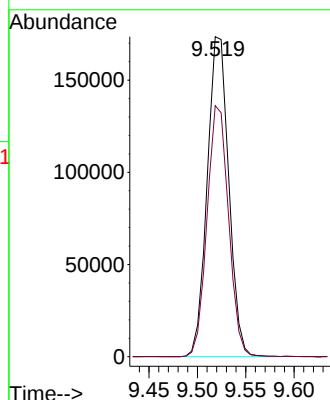
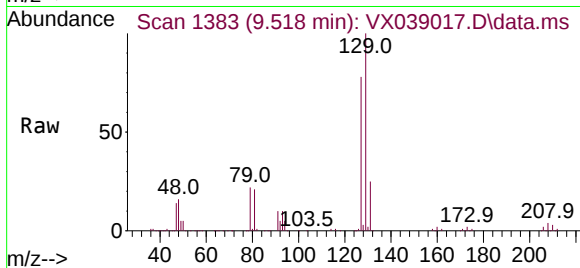
ClientSampleId :

Tgt Ion:129 Resp: 269580

Ion Ratio Lower Upper

129 100

127 78.3 38.3 114.9



#54

1,2-Dibromoethane

Concen: 137.801 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX039017.D

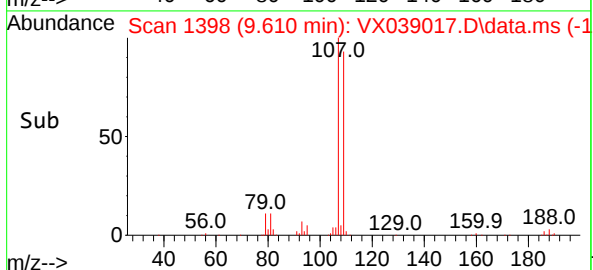
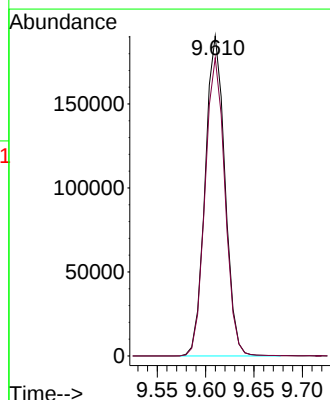
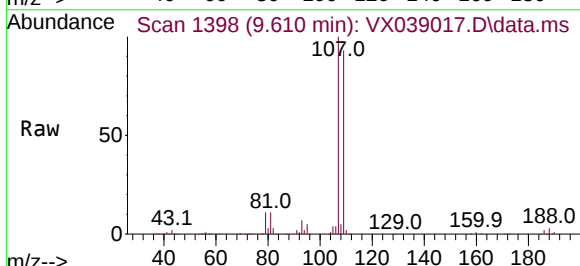
Acq: 24 Nov 2023 10:53

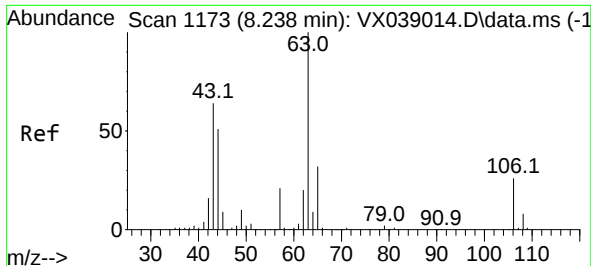
Tgt Ion:107 Resp: 271071

Ion Ratio Lower Upper

107 100

109 93.6 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 705.451 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

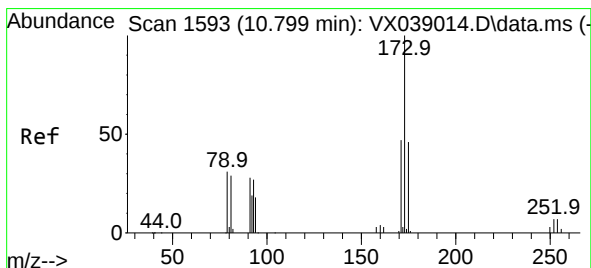
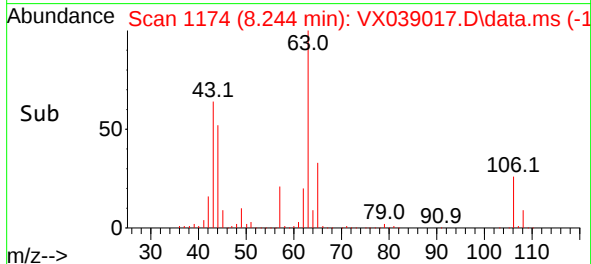
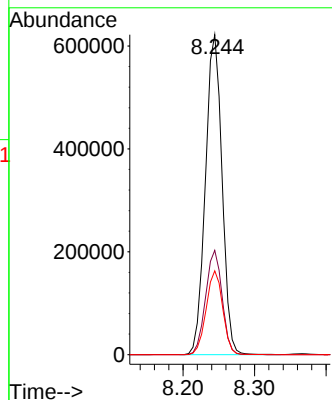
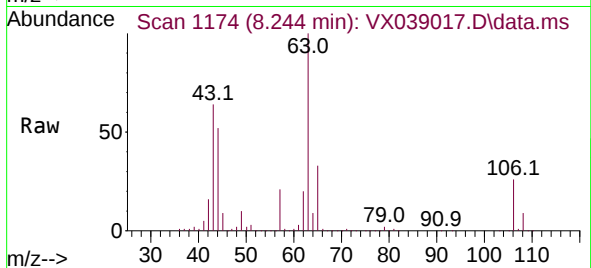
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 63 Resp: 1003469

Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.8	38.6
106	26.1	20.6	31.0



#56

Bromoform

Concen: 146.306 ug/l

RT: 10.799 min Scan# 1593

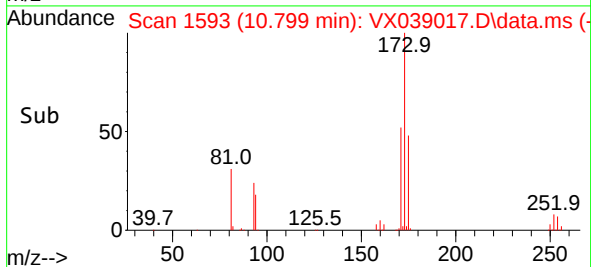
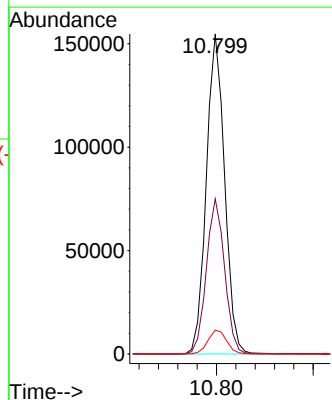
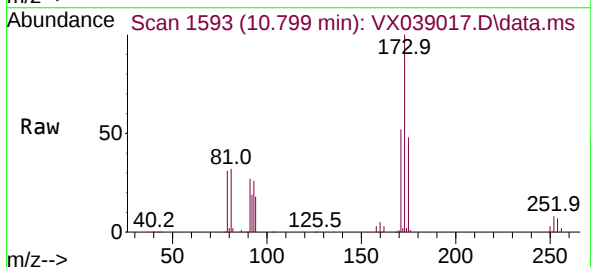
Delta R.T. -0.000 min

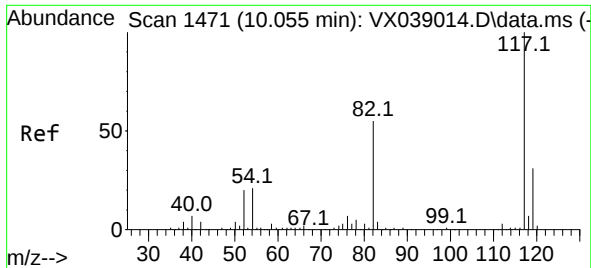
Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Tgt Ion: 173 Resp: 203419

Ion	Ratio	Lower	Upper
173	100		
175	48.4	37.6	56.4
254	7.6	5.8	8.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

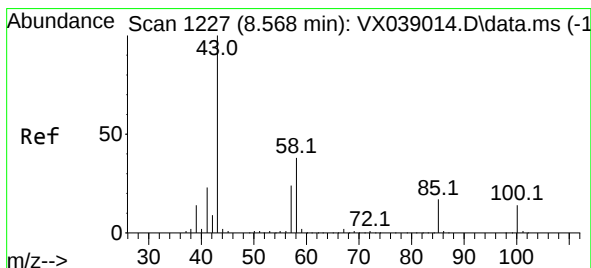
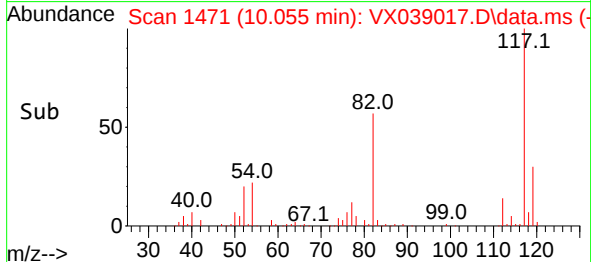
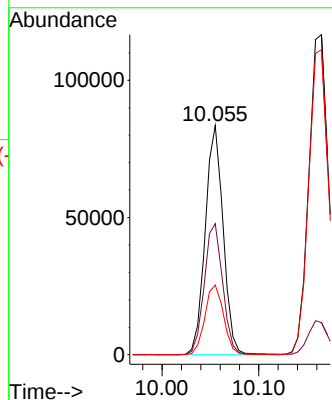
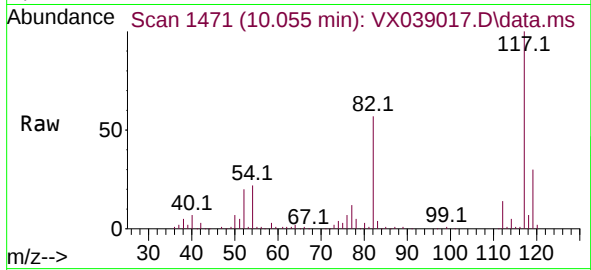
Tgt Ion:117 Resp: 107911

Ion Ratio Lower Upper

117 100

82 58.7 47.0 70.6

119 31.4 25.2 37.8



#58

4-Methyl-2-Pentanone

Concen: 677.217 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

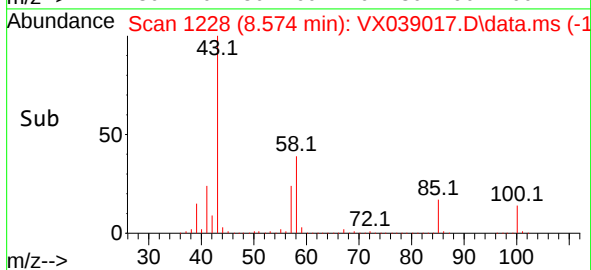
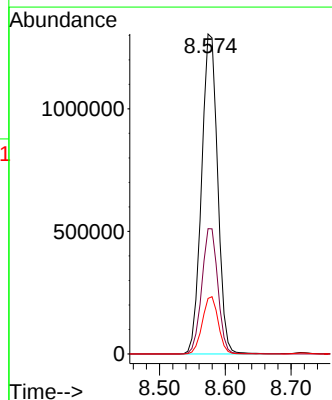
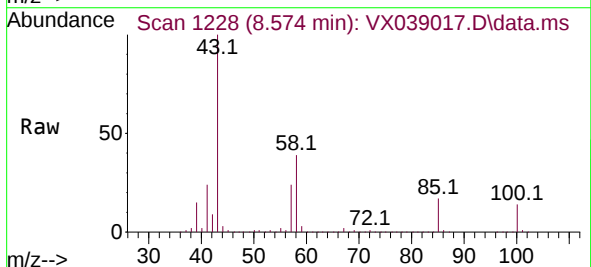
Tgt Ion: 43 Resp: 2216109

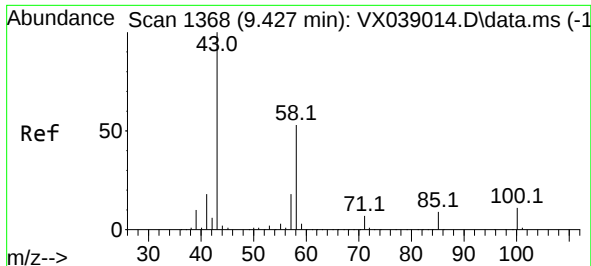
Ion Ratio Lower Upper

43 100

58 39.0 30.1 45.1

85 17.7 13.9 20.9





#59

2-Hexanone

Concen: 670.891 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

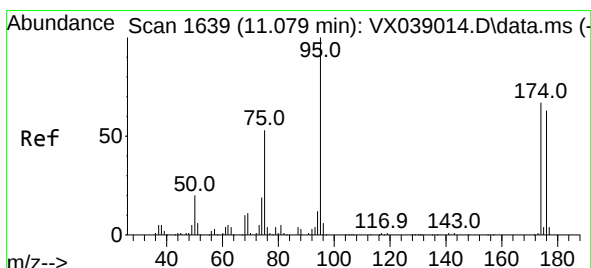
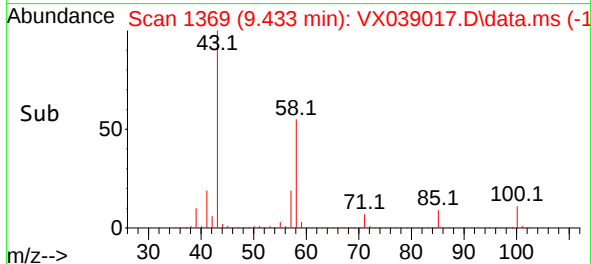
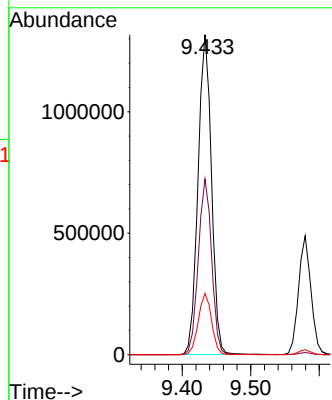
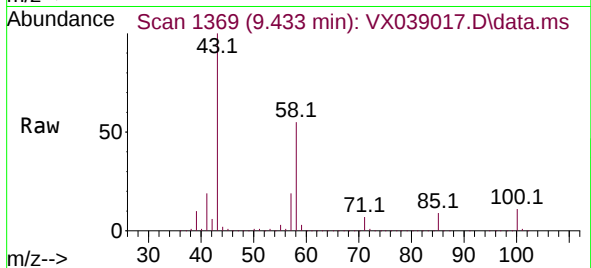
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 1802080

Ion	Ratio	Lower	Upper
43	100		
58	54.4	42.7	64.1
57	18.9	14.8	22.2



#60

4-Bromofluorobenzene

Concen: 30.514 ug/l

RT: 11.079 min Scan# 1639

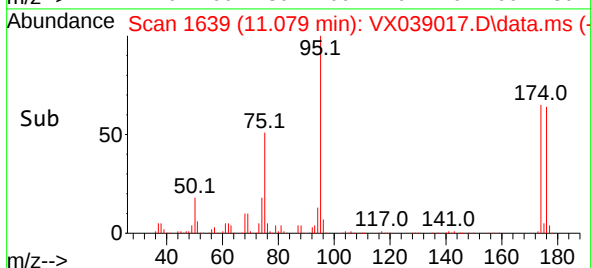
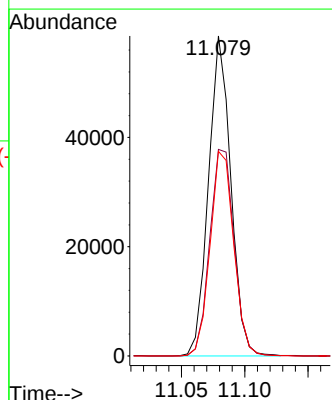
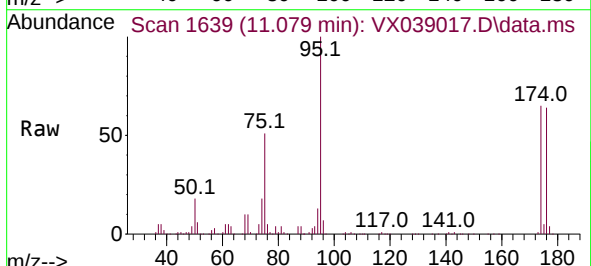
Delta R.T. -0.000 min

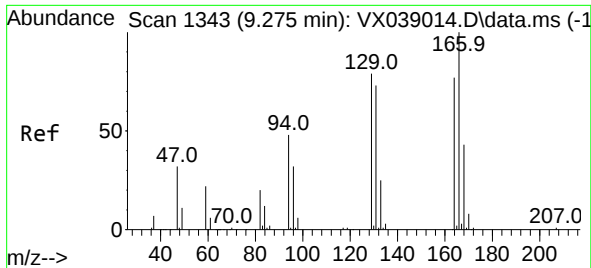
Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Tgt Ion: 95 Resp: 71921

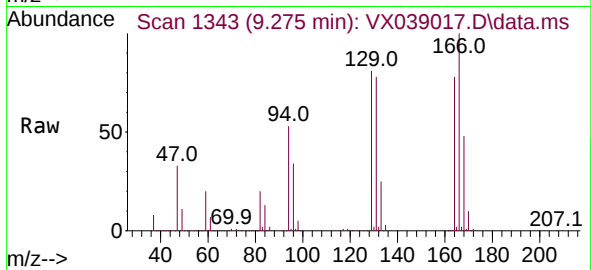
Ion	Ratio	Lower	Upper
95	100		
174	70.4	55.4	83.2
176	67.8	52.6	78.8



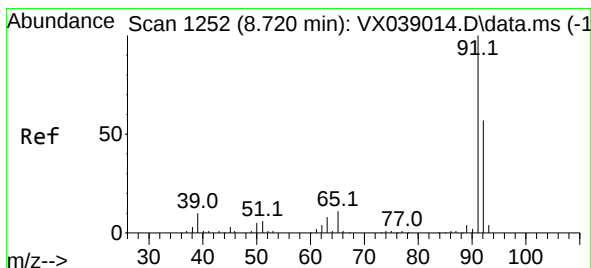
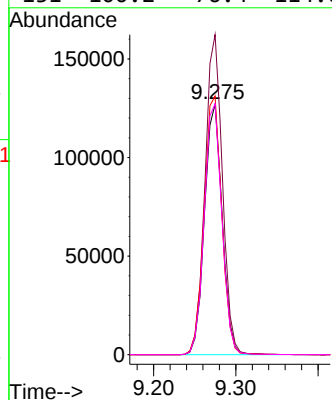
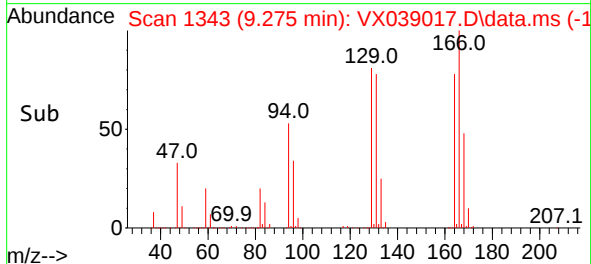


#61
Tetrachloroethene
Concen: 135.004 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Instrument :
MSVOA_X
ClientSampleId :

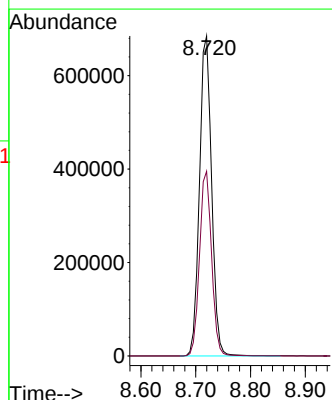
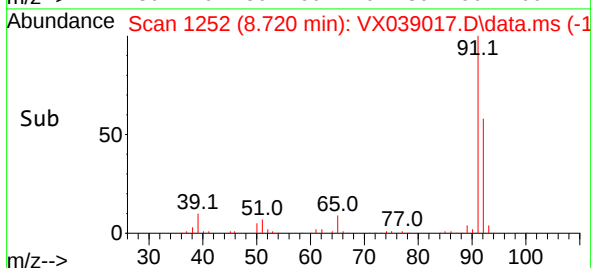
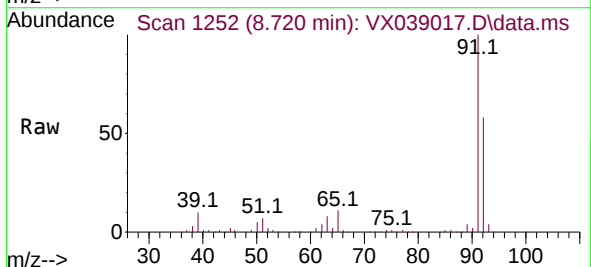


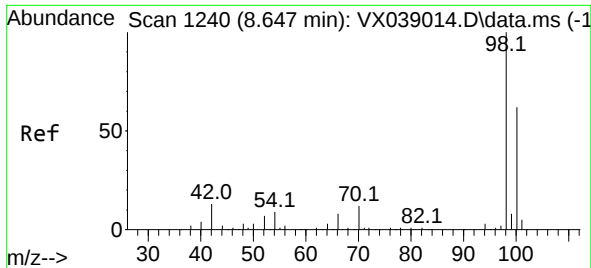
Tgt Ion:164 Resp: 189413
Ion Ratio Lower Upper
164 100
166 127.7 104.0 156.0
129 103.2 82.0 123.0
131 100.2 76.4 114.6



#62
Toluene
Concen: 137.682 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Tgt Ion: 91 Resp: 1054826
Ion Ratio Lower Upper
91 100
92 57.3 45.9 68.9

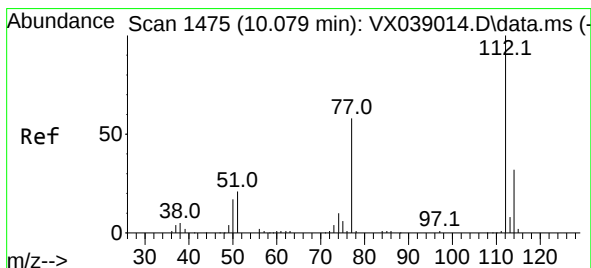
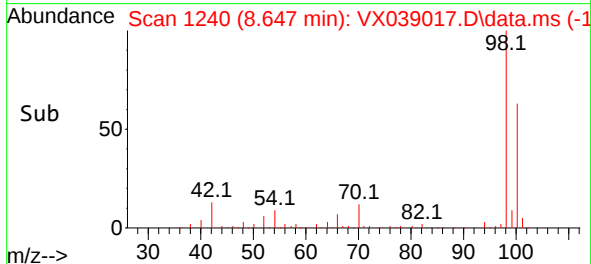
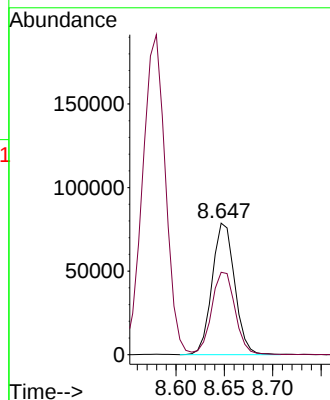
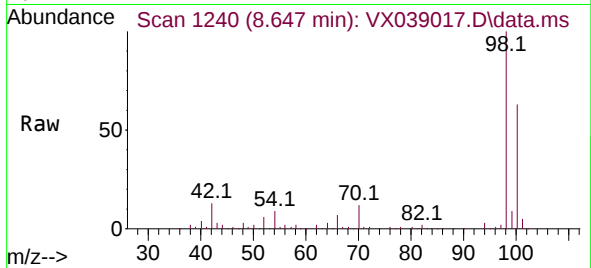




#63
Toluene-d8
Concen: 29.970 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

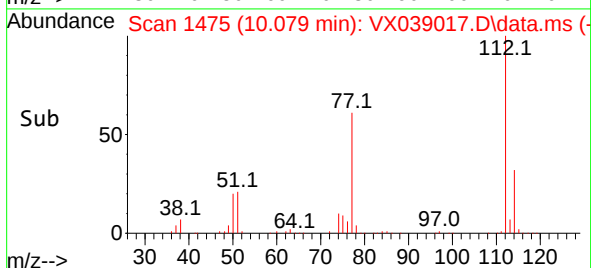
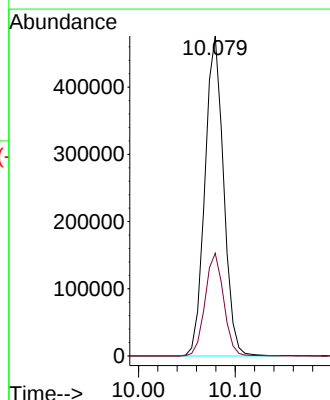
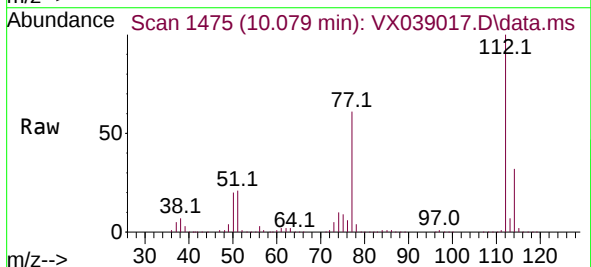
Instrument :
MSVOA_X
ClientSampleId :

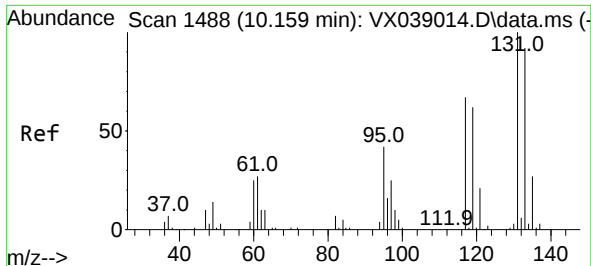
Tgt Ion: 98 Resp: 127866
Ion Ratio Lower Upper
98 100
100 64.9 51.0 76.4



#64
Chlorobenzene
Concen: 137.221 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Tgt Ion: 112 Resp: 639479
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9

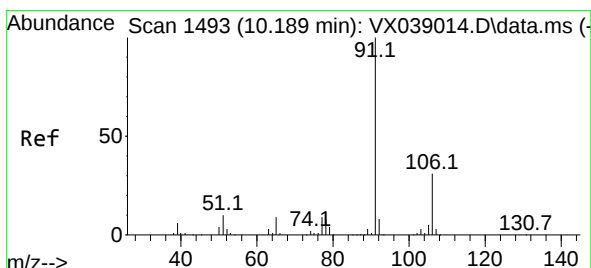
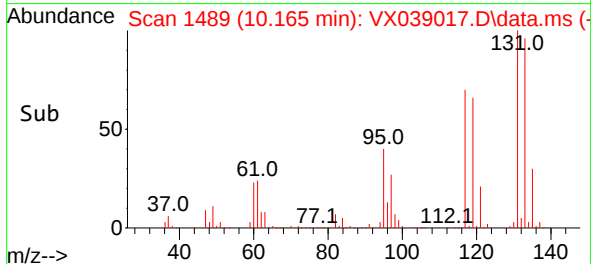
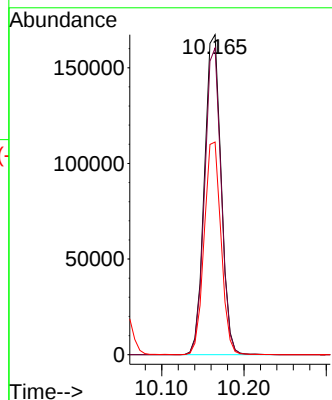
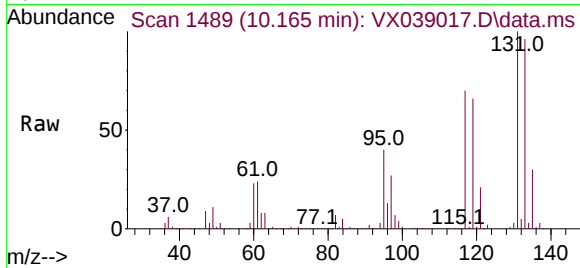




#65
1,1,1,2-Tetrachloroethane
Concen: 140.683 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

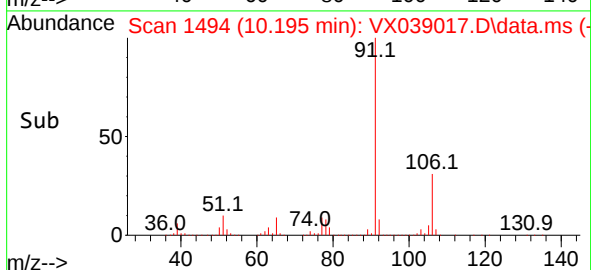
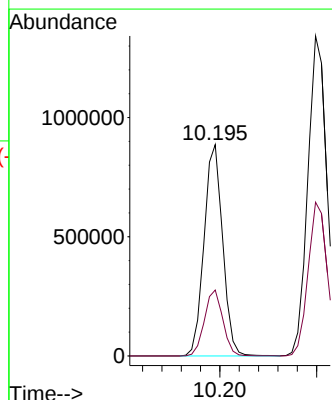
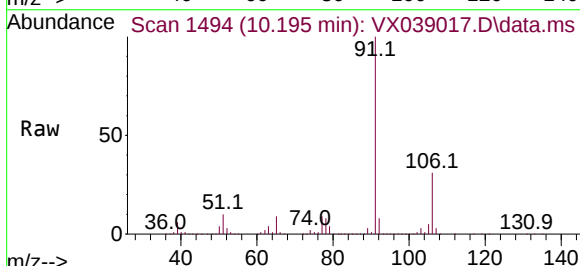
Instrument :
MSVOA_X
ClientSampleId :

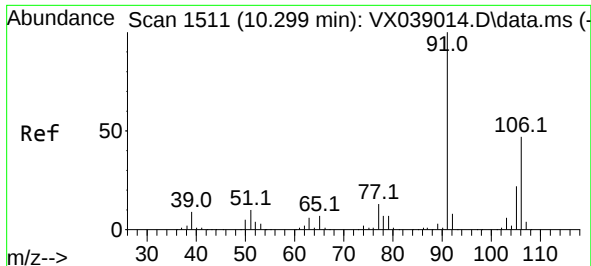
Tgt Ion:131 Resp: 236114
Ion Ratio Lower Upper
131 100
133 94.7 0.0 191.8
119 66.9 0.0 135.4



#66
Ethyl Benzene
Concen: 135.946 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Tgt Ion: 91 Resp: 1185980
Ion Ratio Lower Upper
91 100
106 31.2 24.4 36.6





#67

m/p-Xylenes

Concen: 273.124 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Instrument :

MSVOA_X

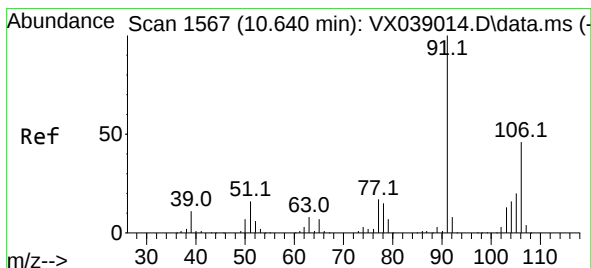
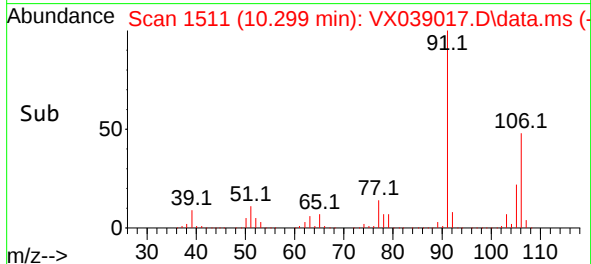
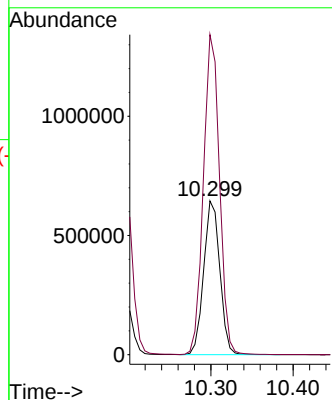
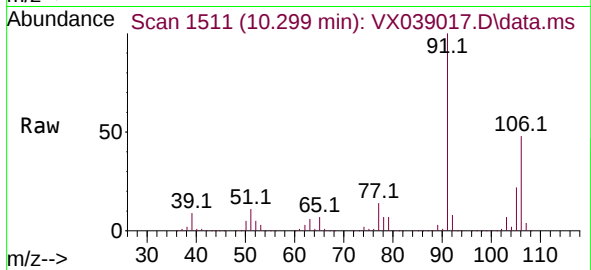
ClientSampleId :

Tgt Ion:106 Resp: 880457

Ion Ratio Lower Upper

106 100

91 207.4 169.4 254.0



#68

o-Xylene

Concen: 138.575 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX039017.D

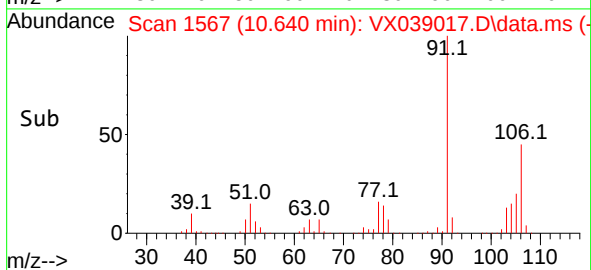
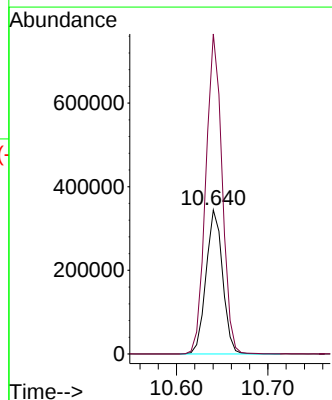
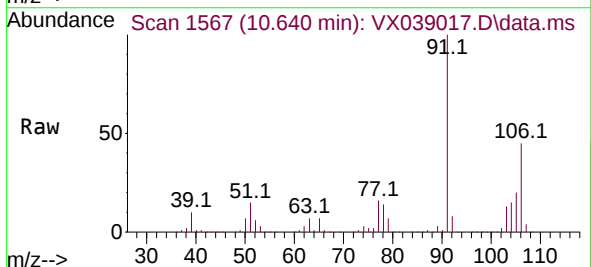
Acq: 24 Nov 2023 10:53

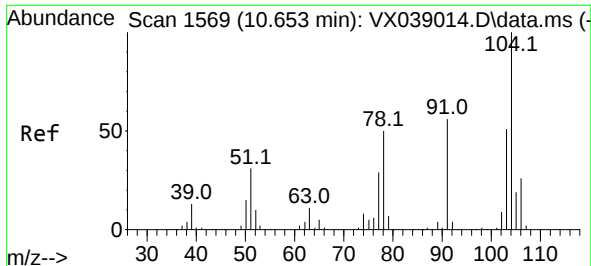
Tgt Ion:106 Resp: 432721

Ion Ratio Lower Upper

106 100

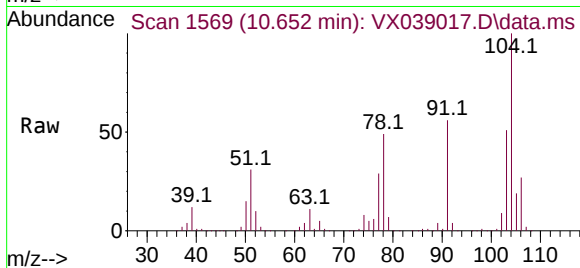
91 218.4 111.2 333.6



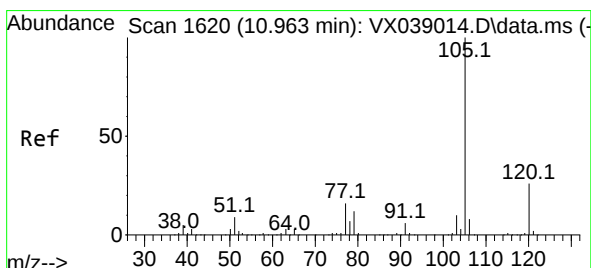
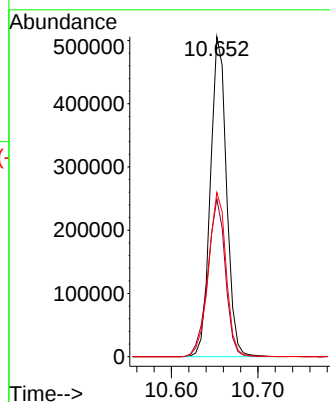
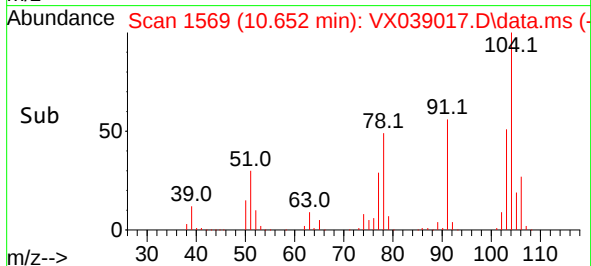


#69
Styrene
Concen: 141.711 ug/l
RT: 10.652 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Instrument :
MSVOA_X
ClientSampleId :

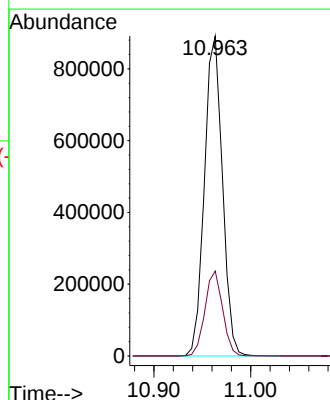
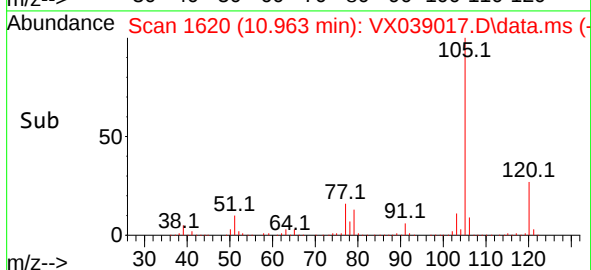
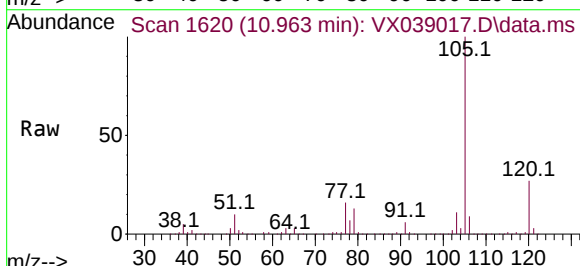


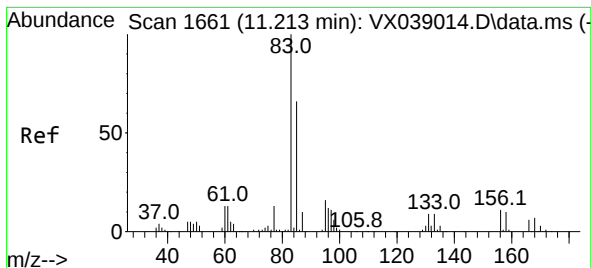
Tgt Ion:104 Resp: 654902
Ion Ratio Lower Upper
104 100
78 54.0 43.7 65.5
103 56.1 44.6 67.0



#70
Isopropylbenzene
Concen: 138.423 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Tgt Ion:105 Resp: 1156493
Ion Ratio Lower Upper
105 100
120 26.1 18.5 34.3

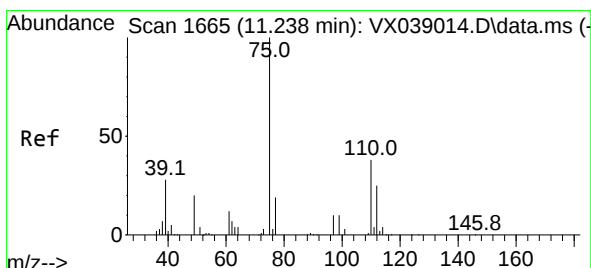
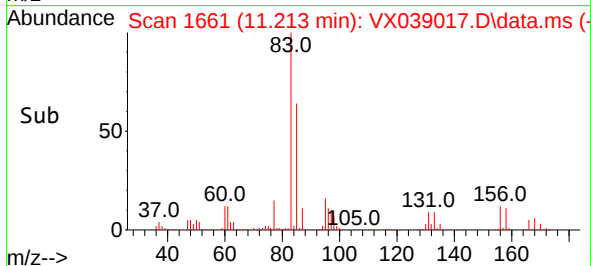
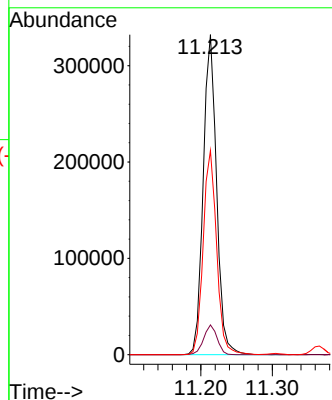
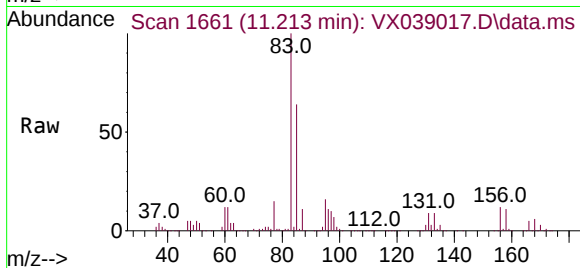




#71
1,1,2,2-Tetrachloroethane
Concen: 138.053 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

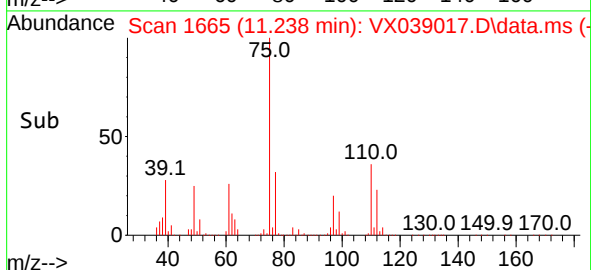
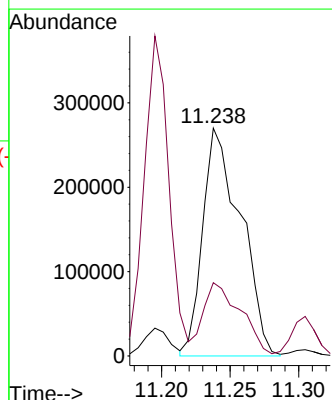
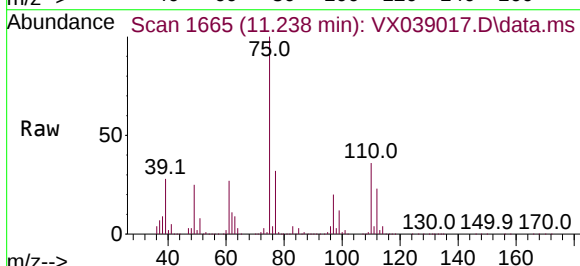
Instrument :
MSVOA_X
ClientSampleId :

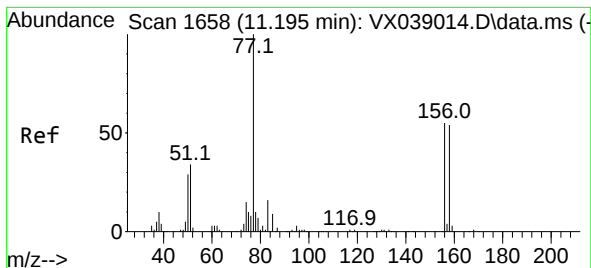
Tgt Ion: 83 Resp: 430578
Ion Ratio Lower Upper
83 100
131 9.4 4.6 13.8
85 64.3 32.5 97.4



#72
1,2,3-Trichloropropane
Concen: 145.119 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Tgt Ion: 75 Resp: 520130
Ion Ratio Lower Upper
75 100
77 32.0 0.0 76.4





#73

Bromobenzene

Concen: 139.714 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

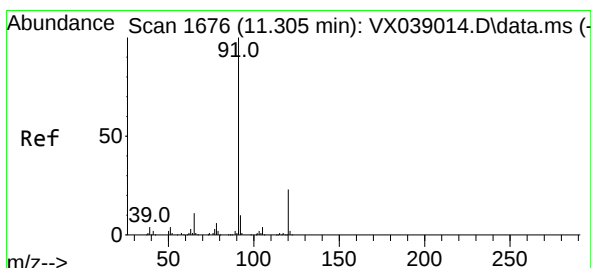
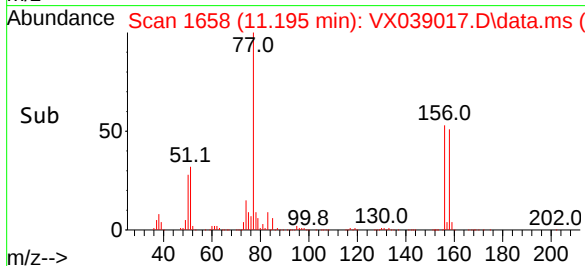
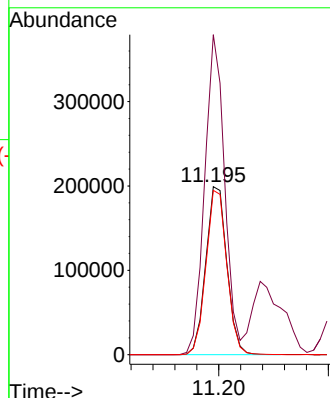
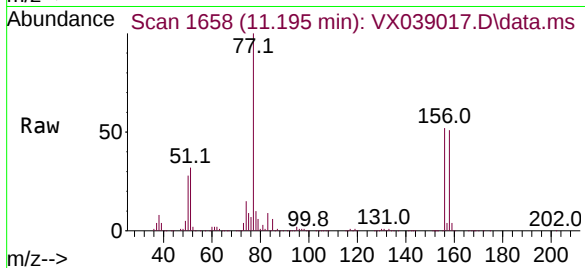
Tgt Ion:156 Resp: 265758

Ion Ratio Lower Upper

156 100

77 179.6 0.0 363.2

158 96.9 0.0 197.8



#74

n-propylbenzene

Concen: 139.135 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX039017.D

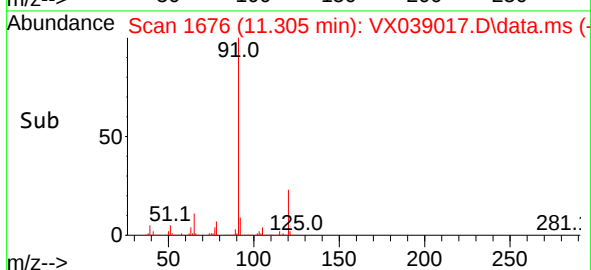
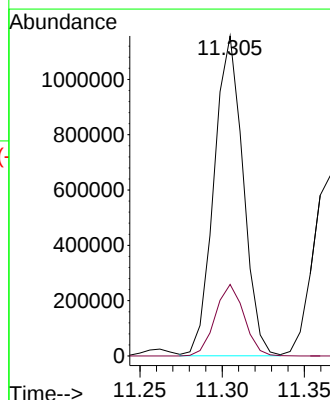
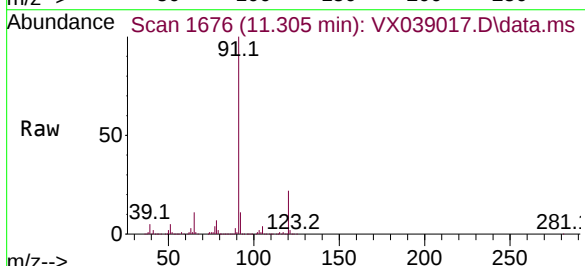
Acq: 24 Nov 2023 10:53

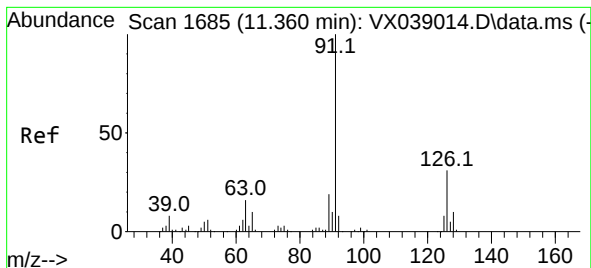
Tgt Ion: 91 Resp: 1424220

Ion Ratio Lower Upper

91 100

120 22.1 0.0 43.4





#75

2-Chlorotoluene

Concen: 137.898 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Instrument :

MSVOA_X

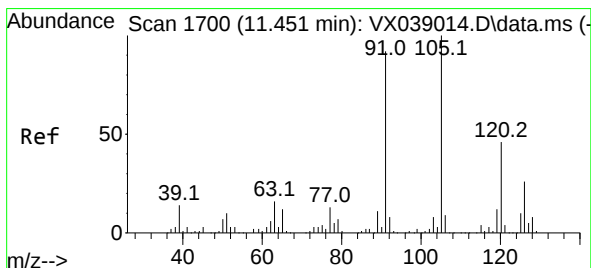
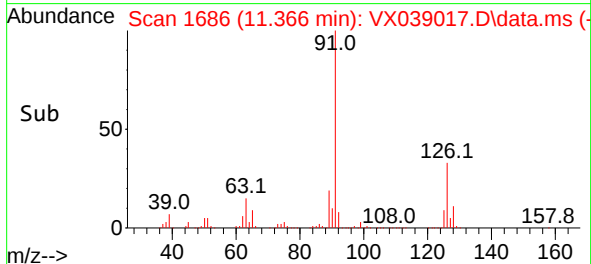
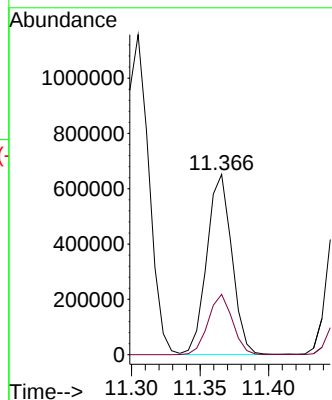
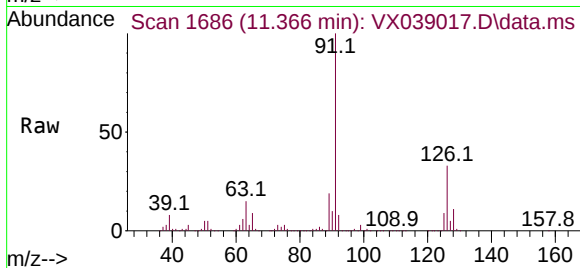
ClientSampleId :

Tgt Ion: 91 Resp: 828146

Ion Ratio Lower Upper

91 100

126 32.5 0.0 64.2



#76

1,3,5-Trimethylbenzene

Concen: 138.602 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039017.D

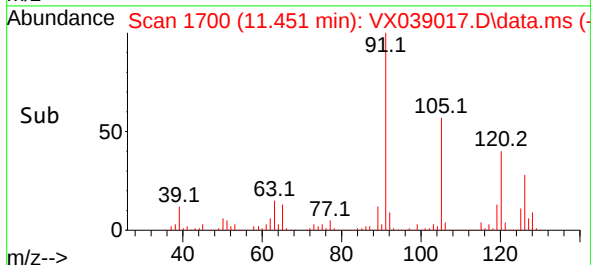
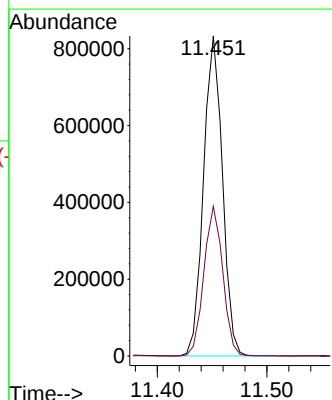
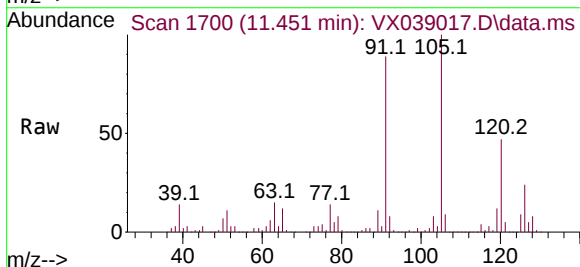
Acq: 24 Nov 2023 10:53

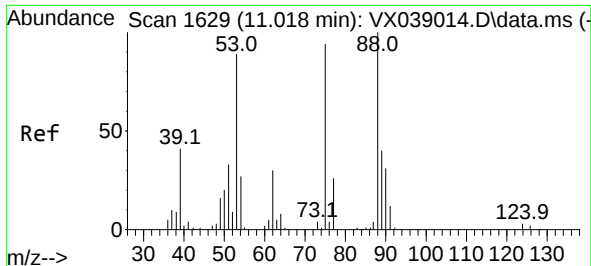
Tgt Ion:105 Resp: 997603

Ion Ratio Lower Upper

105 100

120 46.7 0.0 92.6

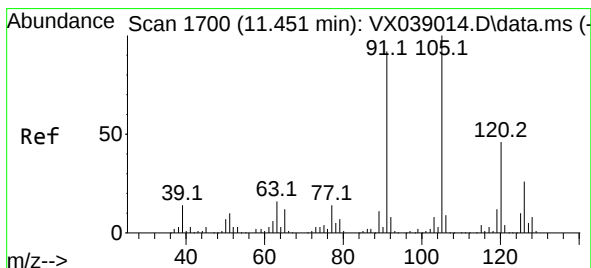
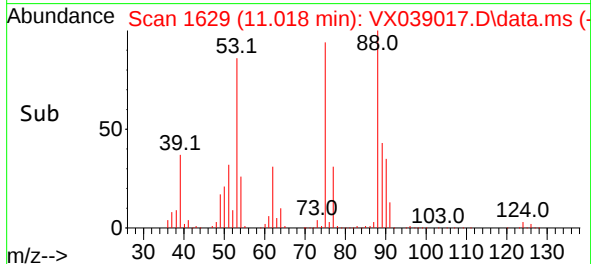
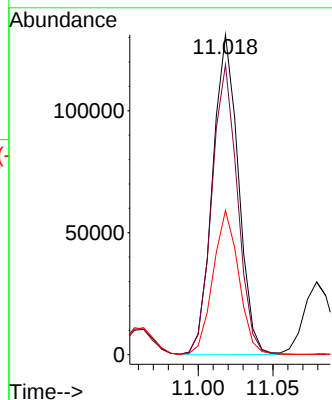
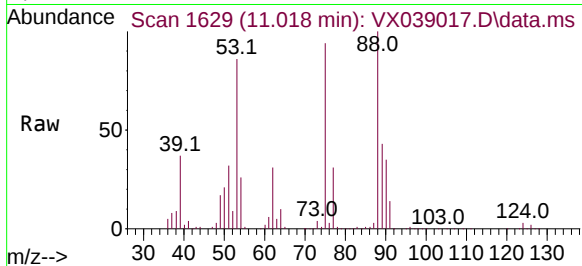




#77
t-1,4-Dichloro-2-butene
Concen: 150.531 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

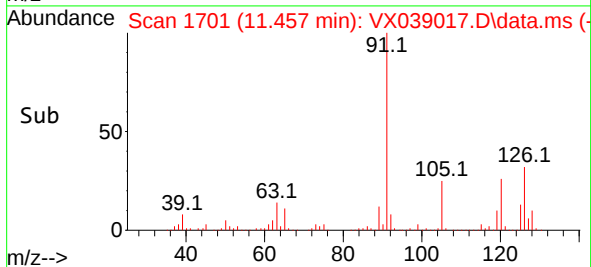
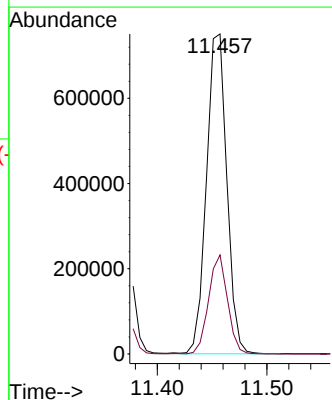
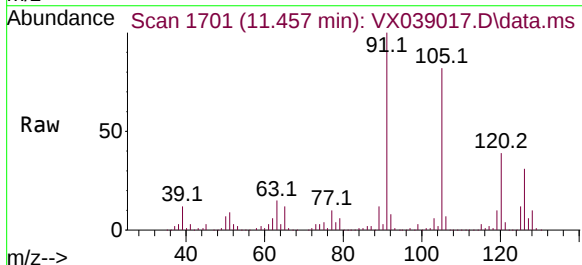
Instrument :
MSVOA_X
ClientSampleId :

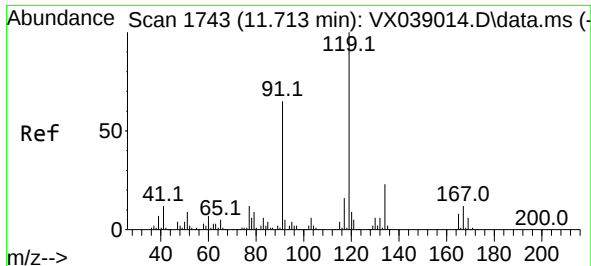
Tgt Ion: 75 Resp: 157421
Ion Ratio Lower Upper
75 100
53 90.6 46.9 140.8
89 45.1 21.3 63.7



#78
4-Chlorotoluene
Concen: 136.915 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039017.D
Acq: 24 Nov 2023 10:53

Tgt Ion: 91 Resp: 966719
Ion Ratio Lower Upper
91 100
126 28.8 0.0 57.4





#79

tert-butylbenzene

Concen: 139.407 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

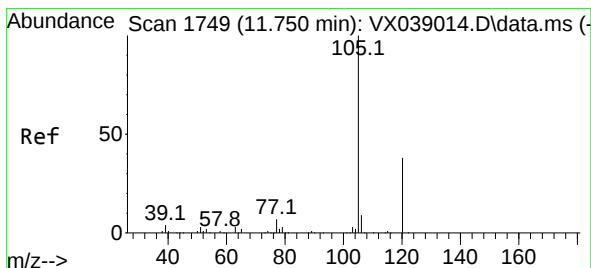
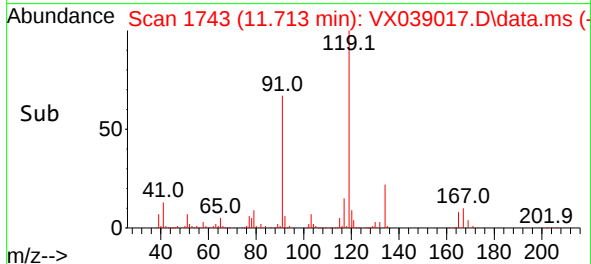
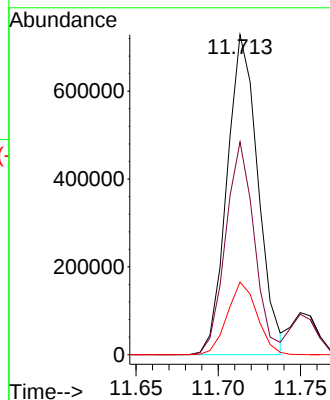
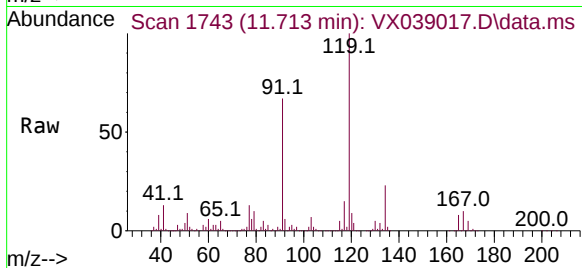
Tgt Ion:119 Resp: 954112

Ion Ratio Lower Upper

119 100

91 62.1 0.0 125.6

134 21.8 0.0 43.8



#80

1,2,4-Trimethylbenzene

Concen: 139.843 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039017.D

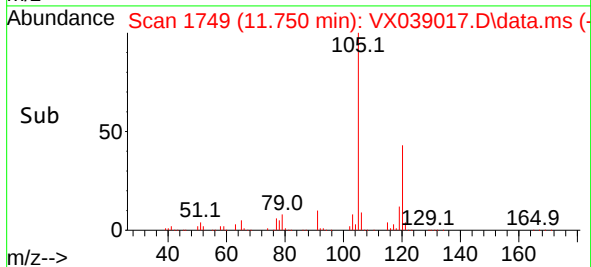
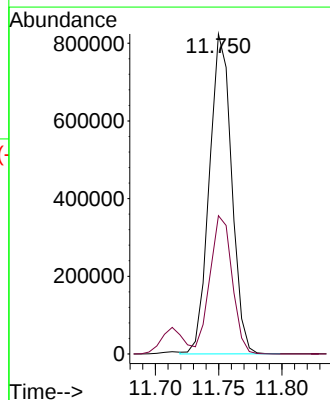
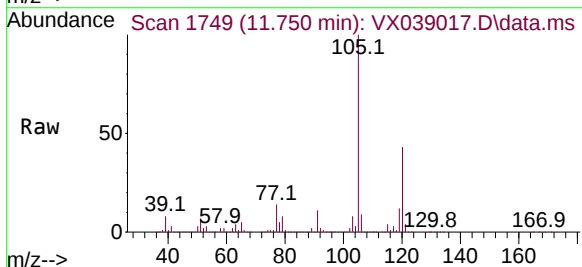
Acq: 24 Nov 2023 10:53

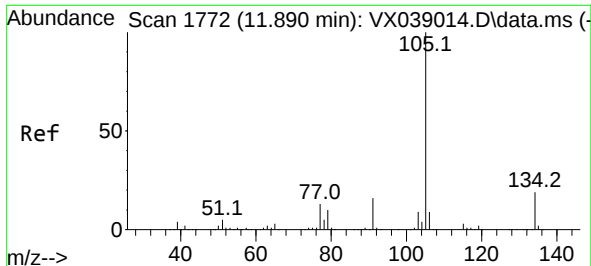
Tgt Ion:105 Resp: 1007365

Ion Ratio Lower Upper

105 100

120 43.0 0.0 86.4

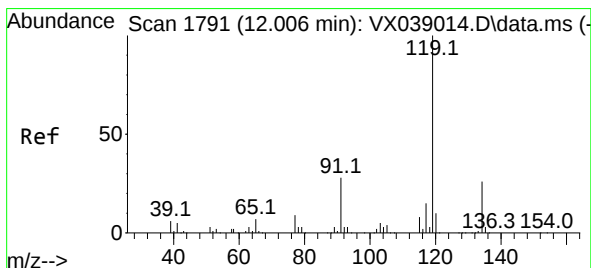
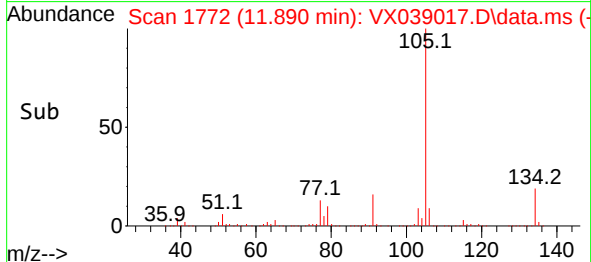
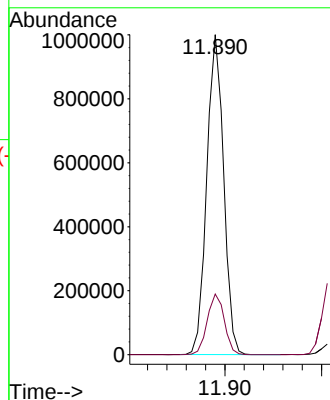
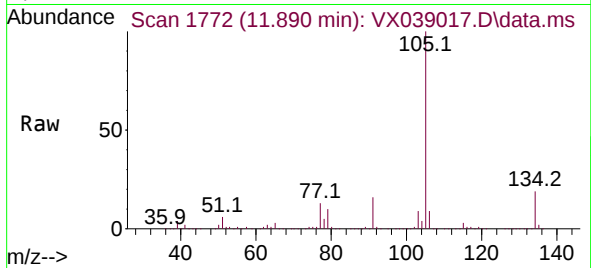




#81
 sec-Butylbenzene
 Concen: 139.916 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX039017.D
 Acq: 24 Nov 2023 10:53

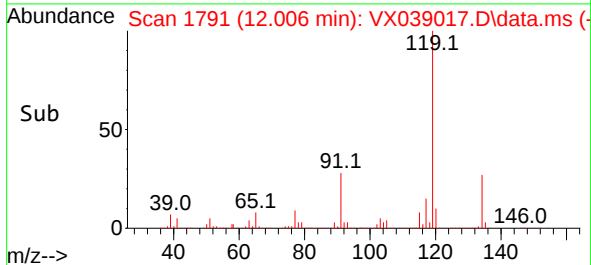
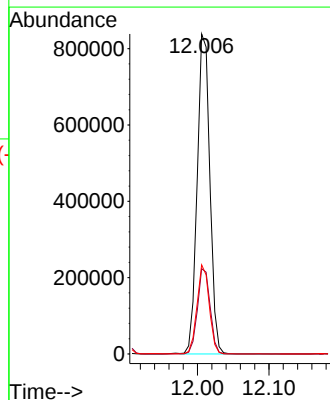
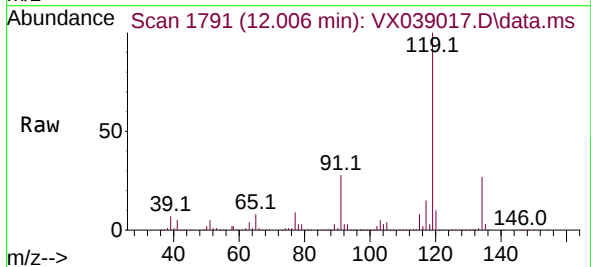
Instrument :
 MSVOA_X
 ClientSampleId :

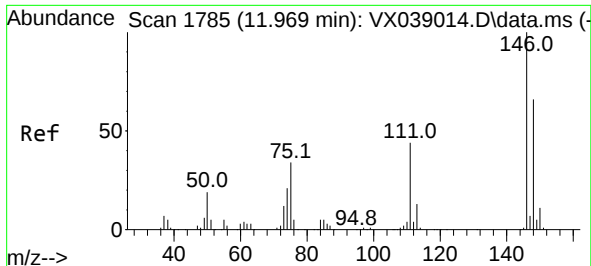
Tgt Ion:105 Resp: 1210566
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 140.575 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039017.D
 Acq: 24 Nov 2023 10:53

Tgt Ion:119 Resp: 1030819
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 52.6
 91 26.7 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 140.059 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

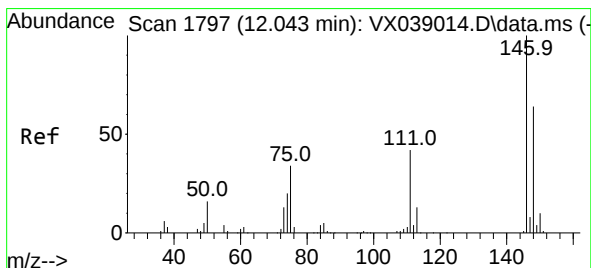
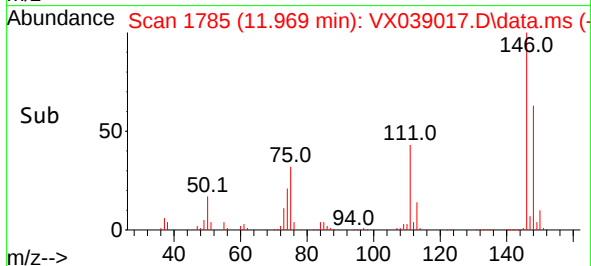
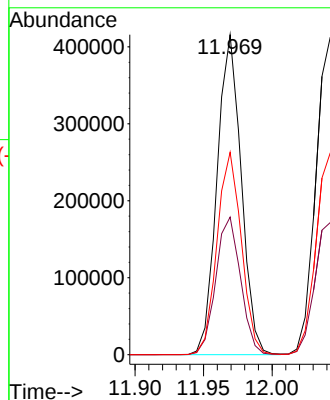
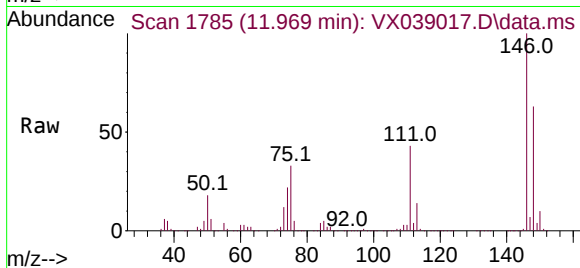
Tgt Ion:146 Resp: 509847

Ion Ratio Lower Upper

146 100

111 43.7 22.3 66.9

148 63.7 32.8 98.3



#84

1,4-Dichlorobenzene

Concen: 138.023 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

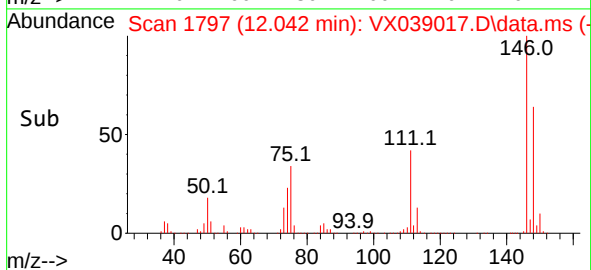
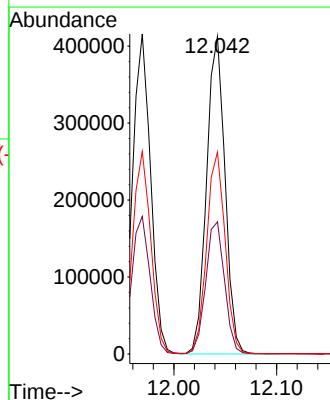
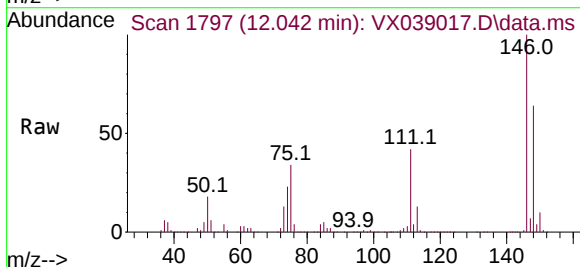
Tgt Ion:146 Resp: 515536

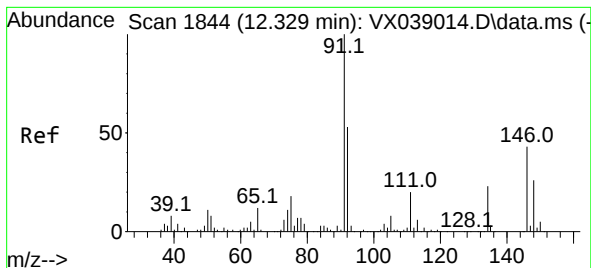
Ion Ratio Lower Upper

146 100

111 42.3 21.4 64.2

148 63.7 31.8 95.4





#85

n-Butylbenzene

Concen: 141.354 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

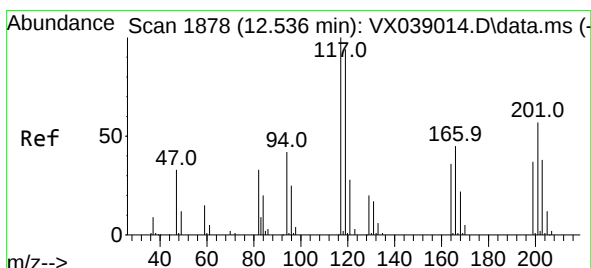
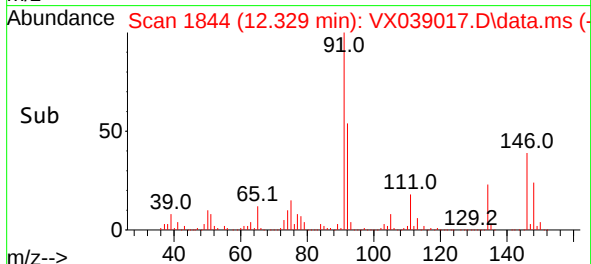
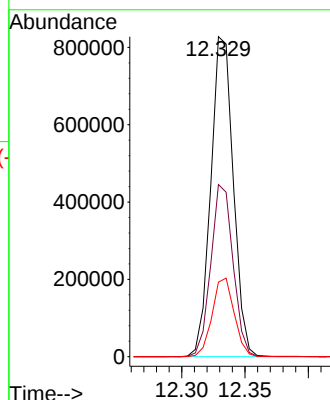
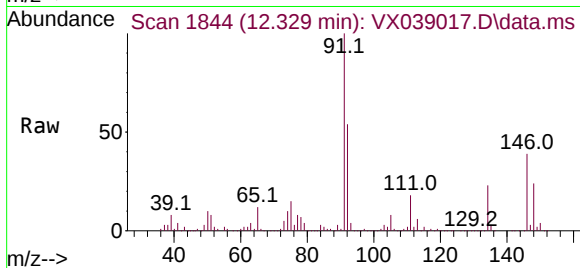
Tgt Ion: 91 Resp: 1023543

Ion Ratio Lower Upper

91 100

92 53.2 0.0 106.2

134 24.1 0.0 48.8



#86

Hexachloroethane

Concen: 146.491 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX039017.D

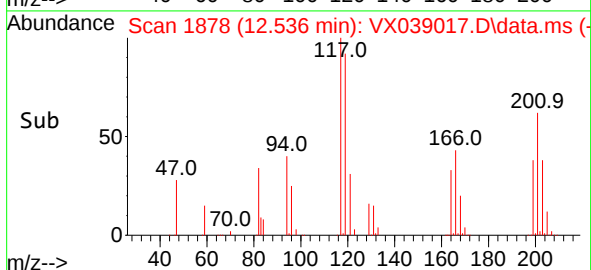
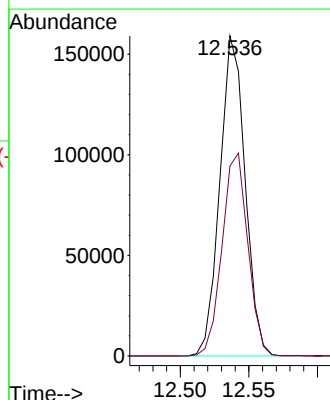
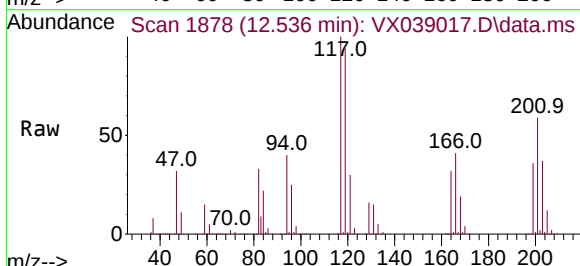
Acq: 24 Nov 2023 10:53

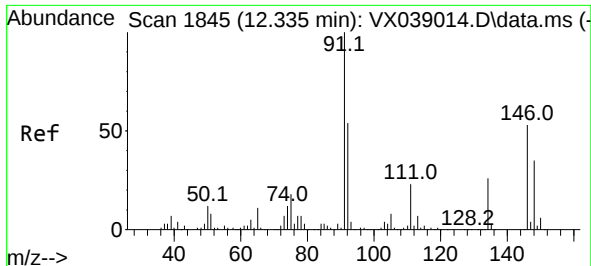
Tgt Ion: 117 Resp: 203535

Ion Ratio Lower Upper

117 100

201 64.8 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 136.913 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

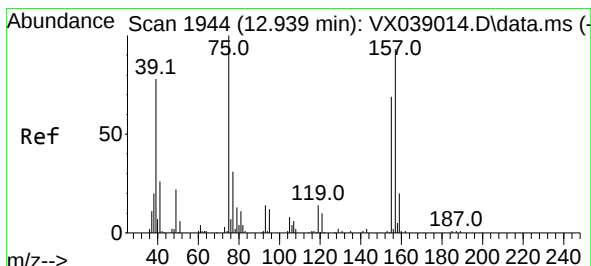
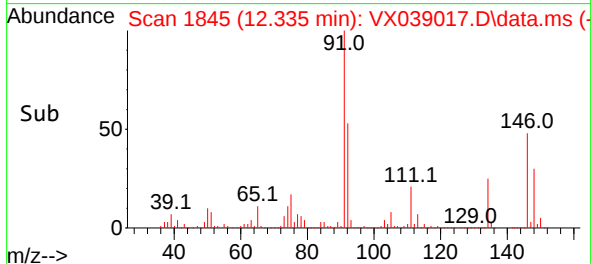
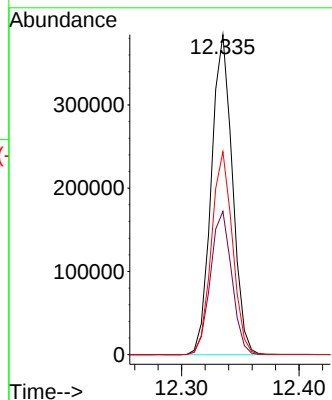
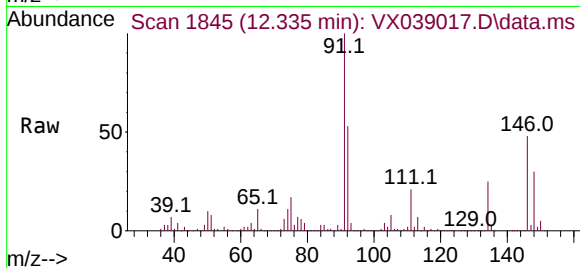
Tgt Ion:146 Resp: 479259

Ion Ratio Lower Upper

146 100

111 45.2 22.4 67.2

148 63.3 31.9 95.7



#88

1,2-Dibromo-3-Chloropropane

Concen: 139.554 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

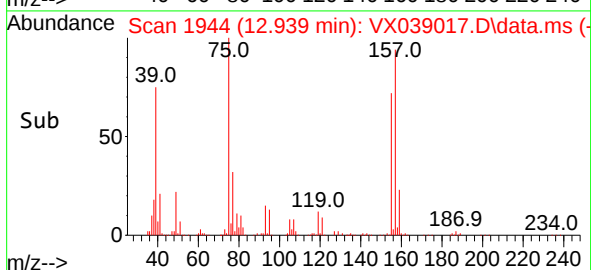
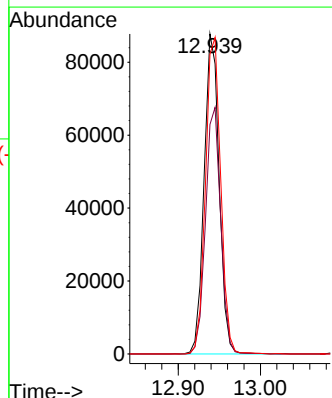
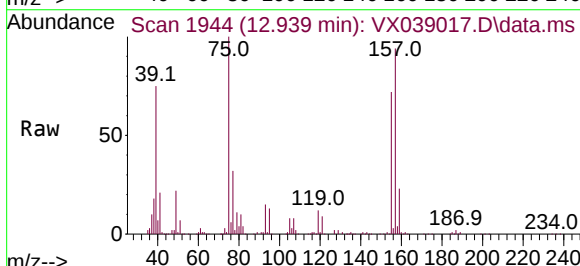
Tgt Ion: 75 Resp: 111317

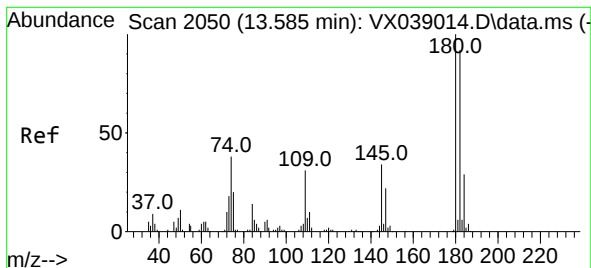
Ion Ratio Lower Upper

75 100

155 78.0 58.2 87.4

157 99.8 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 140.287 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

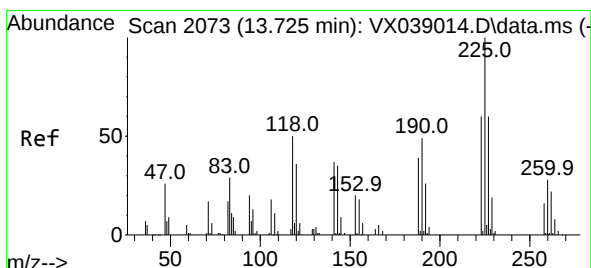
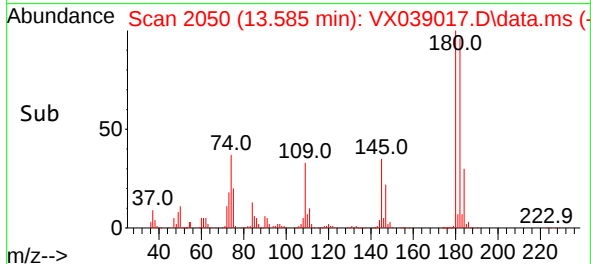
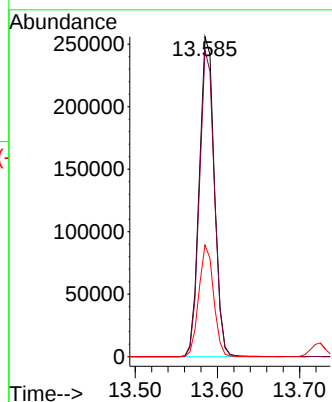
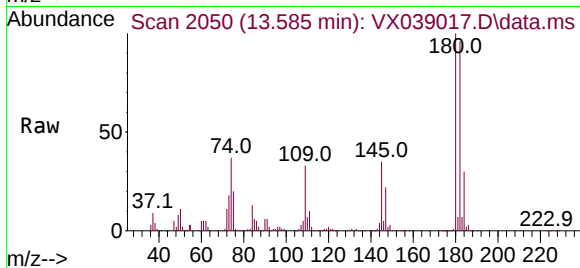
Tgt Ion:180 Resp: 325580

Ion Ratio Lower Upper

180 100

182 94.9 74.5 111.7

145 34.3 26.6 40.0



#90

Hexachlorobutadiene

Concen: 139.976 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

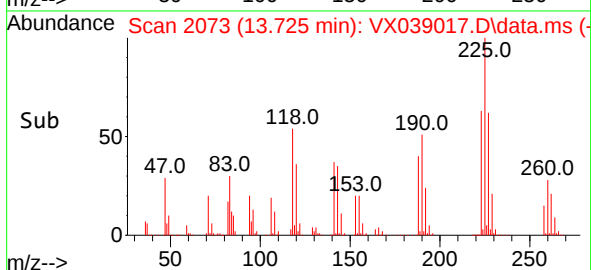
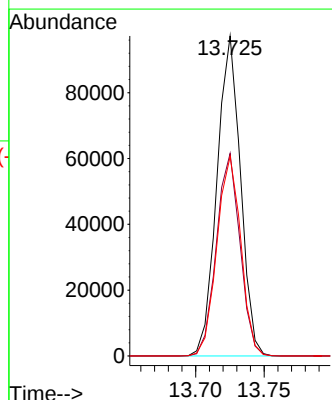
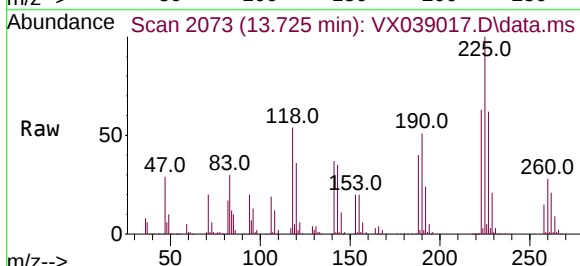
Tgt Ion:225 Resp: 115996

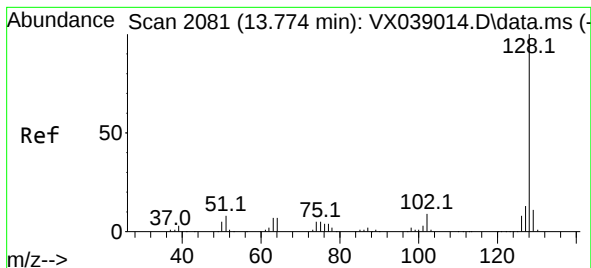
Ion Ratio Lower Upper

225 100

223 63.4 0.0 124.4

227 63.3 0.0 124.4





#91

Naphthalene

Concen: 140.098 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Instrument :

MSVOA_X

ClientSampleId :

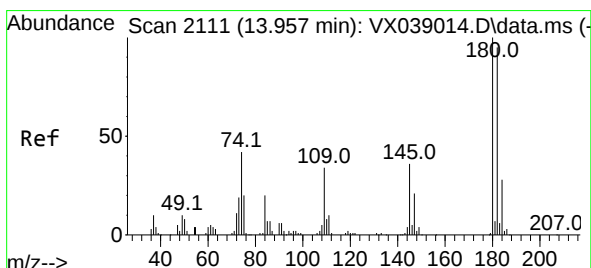
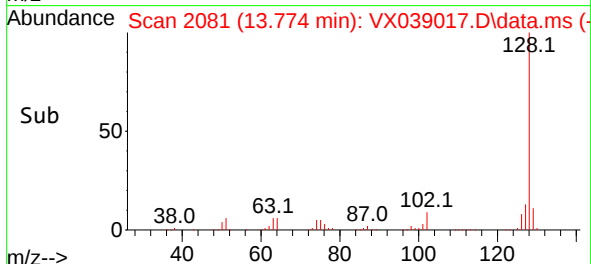
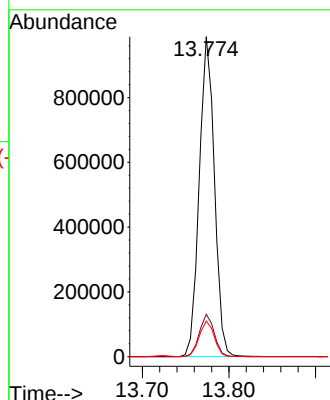
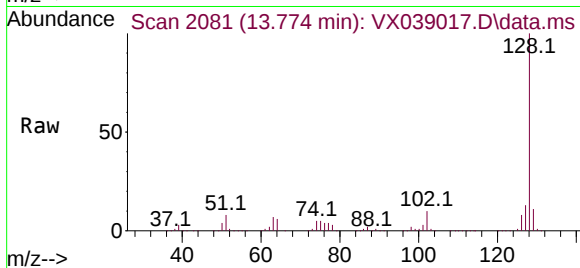
Tgt Ion:128 Resp: 1199120

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.1 8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 141.307 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039017.D

Acq: 24 Nov 2023 10:53

Tgt Ion:180 Resp: 317654

Ion Ratio Lower Upper

180 100

182 94.6 0.0 191.6

145 36.0 0.0 69.6

