

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011625\
 Data File : VX044663.D
 Acq On : 16 Jan 2025 10:12
 Operator :
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 17 01:03:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 00:59:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	30265	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	168670	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	142579	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	86477	29.598	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.667%
60) 4-Bromofluorobenzene	11.079	95	83031	29.982	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.933%
63) Toluene-d8	8.647	98	229453	29.588	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.633%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	395126	162.568	ug/l	98
3) Chloromethane	1.301	50	398267	140.701	ug/l	99
4) Vinyl Chloride	1.374	62	401934	145.127	ug/l	98
5) Bromomethane	1.593	94	97919	146.415	ug/l	99
6) Chloroethane	1.660	64	69505	155.413	ug/l	94
7) Trichlorofluoromethane	1.867	101	443749	146.306	ug/l	98
8) Diethyl Ether	2.136	74	171385	146.474	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	319509	147.041	ug/l	99
10) 1,1-Dichloroethene	2.306	96	322881	144.428	ug/l	93
11) Methyl Iodide	2.441	142	448651	144.827	ug/l	96
12) Methyl Acetate	2.703	43	477398	146.278	ug/l	100
13) Acrolein	2.239	56	253627	702.790	ug/l	98
14) Acrylonitrile	3.068	53	815430	685.671	ug/l	100
15) Acetone	2.386	58	221043	692.682	ug/l	91
16) Carbon Disulfide	2.502	76	918806	147.895	ug/l	100
17) Allyl chloride	2.654	41	585850	145.319	ug/l	99
18) Methylene Chloride	2.782	84	359344	143.590	ug/l	97
19) trans-1,2-Dichloroethene	3.081	96	316848	142.541	ug/l	98
20) Diisopropyl ether	3.764	45	1015552	138.787	ug/l #	87
21) 1,1-Dichloroethane	3.599	63	630418	145.234	ug/l	98
22) cis-1,2-Dichloroethene	4.477	96	396803	144.228	ug/l	98
23) tert-Butyl Alcohol	2.983	59	176151	341.419	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	1099111	141.899	ug/l	98
25) Chloroform	5.086	83	618756	143.460	ug/l	97
26) Cyclohexane	5.458	56	512956	140.607	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	422203	143.910	ug/l	99
30) 2-Butanone	4.556	43	1096527	680.393	ug/l	100
31) 2,2-Dichloropropane	4.465	77	574023	141.392	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	551364	141.813	ug/l	98
33) Carbon Tetrachloride	5.666	117	464930	141.758	ug/l	99
34) Benzene	6.031	78	1317009	140.704	ug/l	99
35) Methacrylonitrile	4.922	41	252183	140.009	ug/l	97
36) 1,2-Dichloroethane	6.080	62	475153	141.982	ug/l	99
37) Trichloroethene	7.117	130	331784	146.814	ug/l	96
38) Methylcyclohexane	7.373	83	573341	143.834	ug/l	100
39) 1,2-Dichloropropane	7.421	63	331963	142.224	ug/l	99
40) Dibromomethane	7.574	93	248648	143.290	ug/l	99
41) Bromodichloromethane	7.818	83	504431	140.783	ug/l	99
42) Vinyl Acetate	3.721	43	4362962	681.685	ug/l	100

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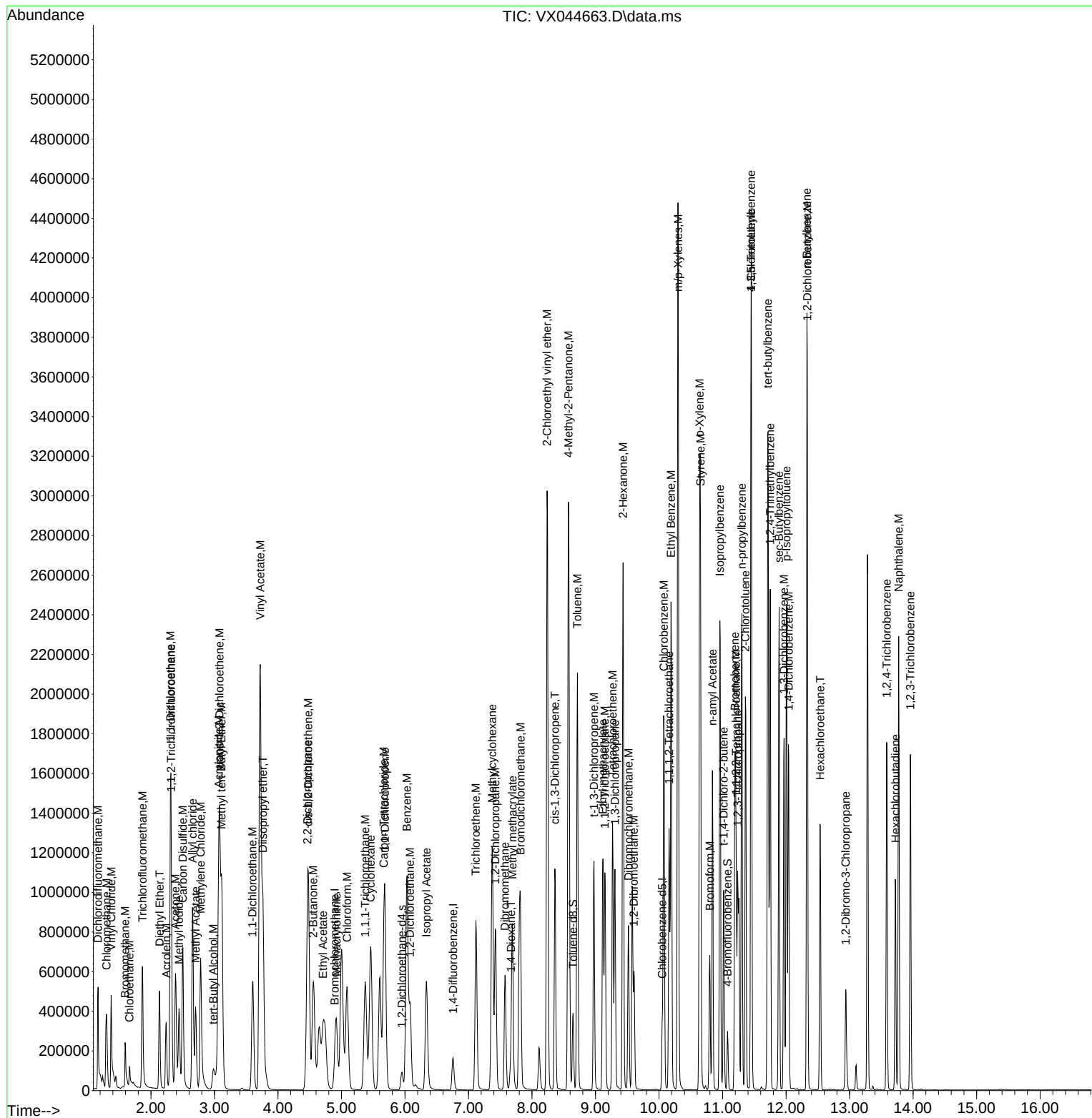
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	450860	142.615	ug/l #	94
44) Isopropyl Acetate	6.336	43	808776	142.404	ug/l	99
45) 1,4-Dioxane	7.671	88	138476	2560.521	ug/l	97
46) Methyl methacrylate	7.690	41	389600	140.143	ug/l	98
47) n-amyl Acetate	10.841	43	646879	135.718	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	535738	141.659	ug/l	99
49) cis-1,3-Dichloropropene	8.360	75	565857	139.536	ug/l	99
50) 1,1,2-Trichloroethane	9.147	97	299288	133.695	ug/l	99
51) Ethyl methacrylate	9.116	69	531002	136.772	ug/l	98
52) 1,3-Dichloropropane	9.305	76	526192	136.132	ug/l	99
53) Dibromochloromethane	9.519	129	360540	135.007	ug/l	97
54) 1,2-Dibromoethane	9.604	107	320334	135.590	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	1273435	676.879	ug/l	99
56) Bromoform	10.799	173	241837	136.568	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	2037971	678.112	ug/l	100
59) 2-Hexanone	9.433	43	1486312	675.525	ug/l	100
61) Tetrachloroethene	9.269	164	247777	144.876	ug/l	98
62) Toluene	8.714	91	1318975	140.491	ug/l	99
64) Chlorobenzene	10.073	112	824684	141.439	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	297569	142.074	ug/l	99
66) Ethyl Benzene	10.189	91	1447790	141.307	ug/l	99
67) m/p-Xylenes	10.299	106	1025226	272.222	ug/l	100
68) o-Xylene	10.640	106	517475	136.901	ug/l	99
69) Styrene	10.653	104	852764	137.409	ug/l	98
70) Isopropylbenzene	10.957	105	1303283	137.153	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	432603	135.197	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	524665	195.226	ug/l	85
73) Bromobenzene	11.195	156	311401	140.672	ug/l	99
74) n-propylbenzene	11.305	91	1515701	140.333	ug/l	100
75) 2-Chlorotoluene	11.360	91	939369	138.367	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	1038367	134.557	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	178978	140.770	ug/l	98
78) 4-Chlorotoluene	11.451	91	1032107	138.039	ug/l	100
79) tert-butylbenzene	11.713	119	1066193	134.489	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	1063526	136.597	ug/l	99
81) sec-Butylbenzene	11.890	105	1304251	137.776	ug/l	100
82) p-Isopropyltoluene	12.006	119	1083858	139.117	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	562506	143.062	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	552693	143.387	ug/l	100
85) n-Butylbenzene	12.329	91	983220	145.585	ug/l	99
86) Hexachloroethane	12.536	117	238874	139.374	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	537434	136.879	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	106892	138.929	ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	374862	153.630	ug/l	100
90) Hexachlorobutadiene	13.725	225	138461	146.704	ug/l	98
91) Naphthalene	13.774	128	1323609	144.994	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	371865	149.840	ug/l	99

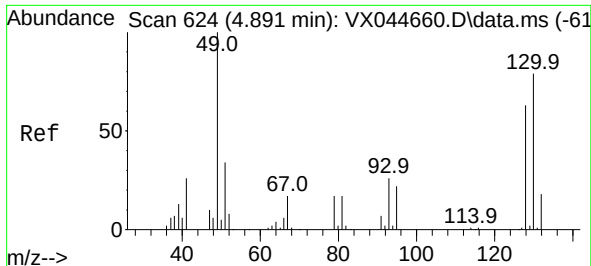
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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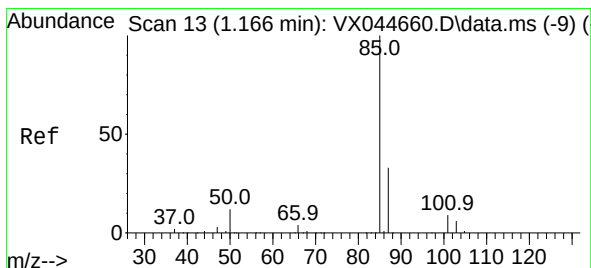
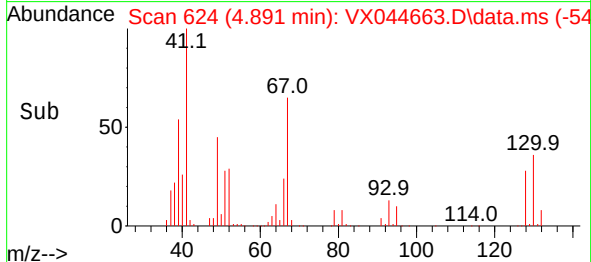
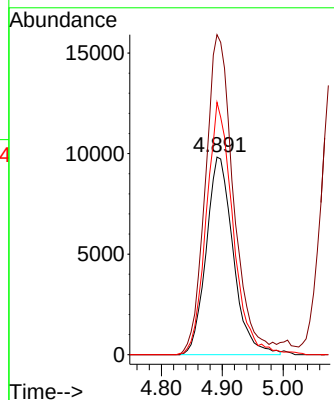
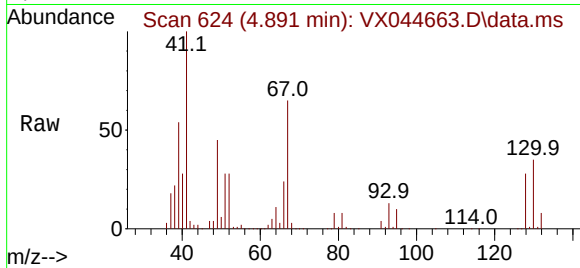




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.891 min Scan# 61
 Delta R.T. 0.000 min
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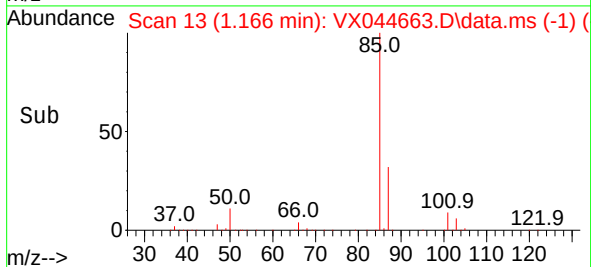
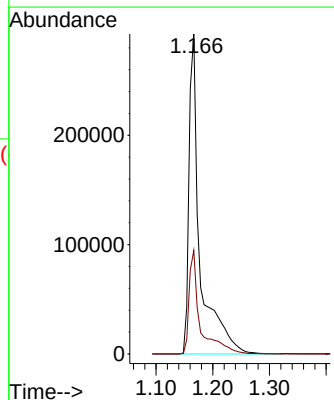
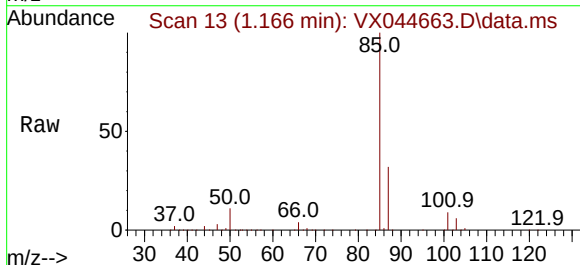
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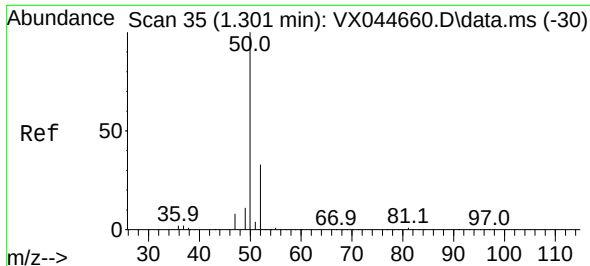
Tgt Ion:128 Resp: 30265
 Ion Ratio Lower Upper
 128 100
 49 167.5 0.0 411.5
 130 125.9 0.0 324.3



#2
 Dichlorodifluoromethane
 Concen: 162.568 ug/l
 RT: 1.166 min Scan# 13
 Delta R.T. 0.000 min
 Lab File: VX044663.D
 Acq: 16 Jan 2025 10:12

Tgt Ion: 85 Resp: 395126
 Ion Ratio Lower Upper
 85 100
 87 32.3 16.6 49.8

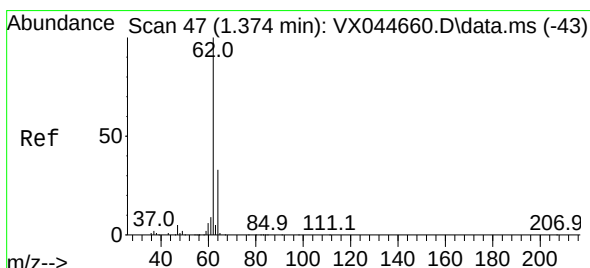
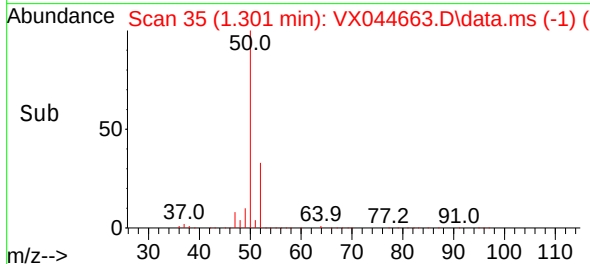
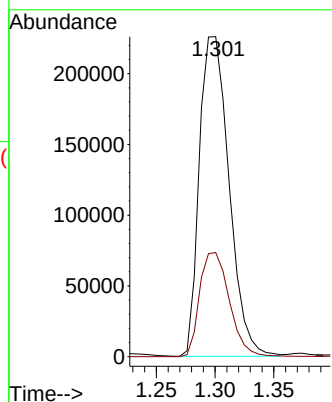
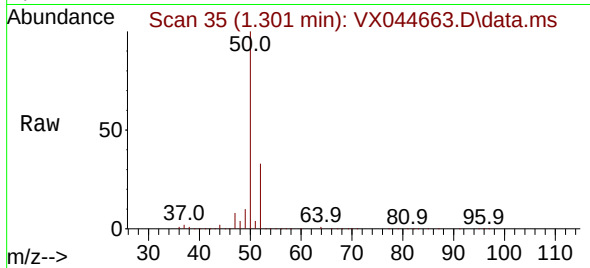




#3
Chloromethane
Concen: 140.701 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

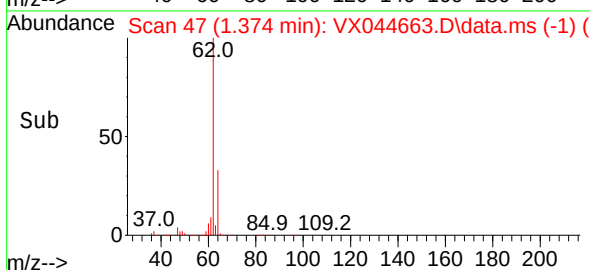
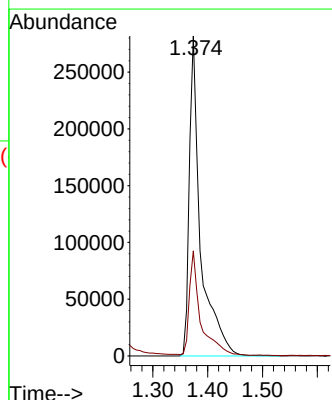
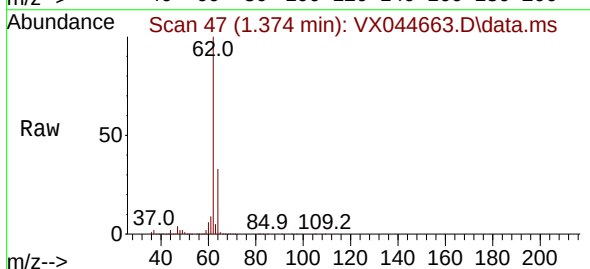
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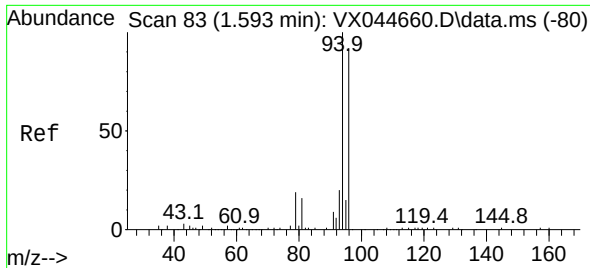
Tgt Ion: 50 Resp: 398267
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7



#4
Vinyl Chloride
Concen: 145.127 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044663.D
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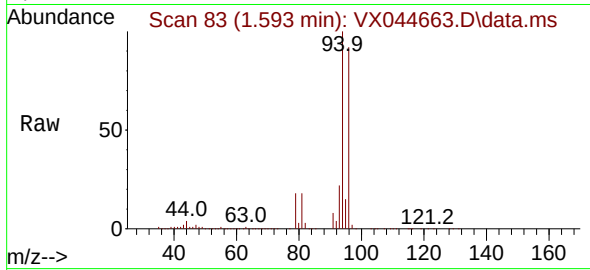
Tgt Ion: 62 Resp: 401934
Ion Ratio Lower Upper
62 100
64 32.7 27.3 40.9



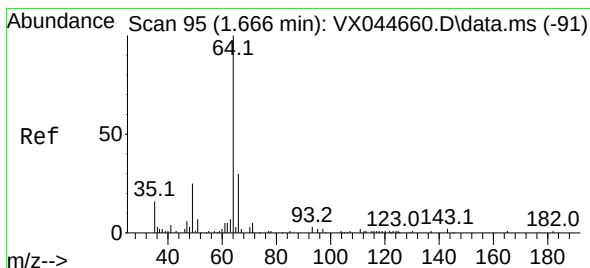
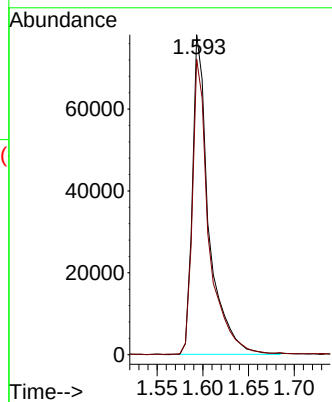
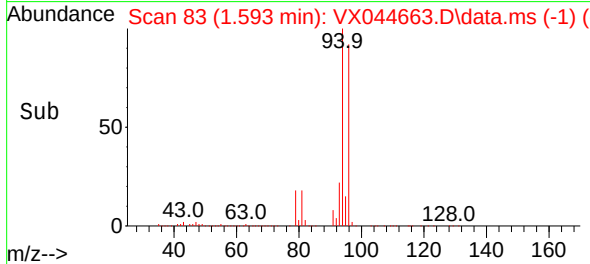


#5
 Bromomethane
 Concen: 146.415 ug/l
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX044663.D
 Acq: 16 Jan 2025 10:12

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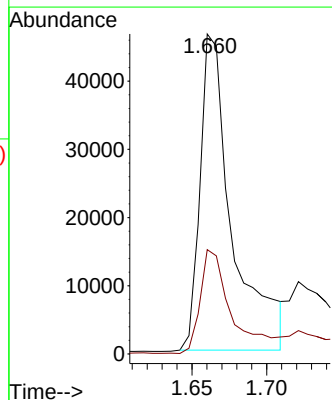
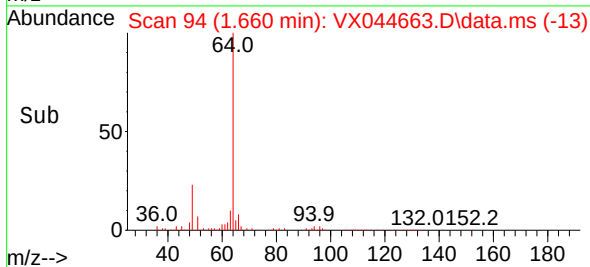
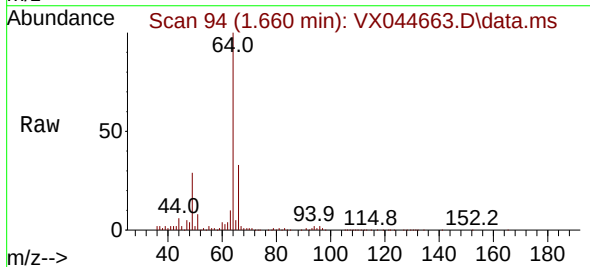


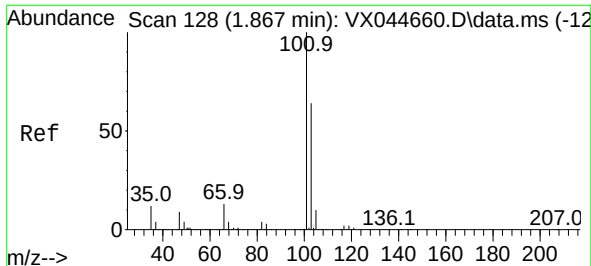
Tgt Ion: 94 Resp: 97919
 Ion Ratio Lower Upper
 94 100
 96 92.2 73.3 109.9



#6
 Chloroethane
 Concen: 155.413 ug/l
 RT: 1.660 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: VX044663.D
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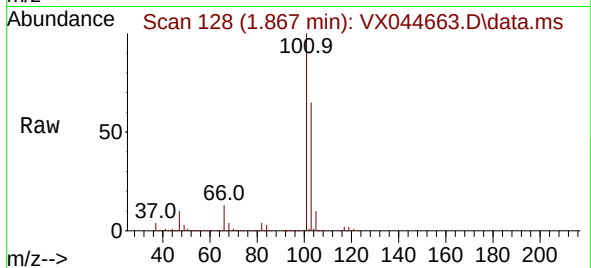
Tgt Ion: 64 Resp: 69505
 Ion Ratio Lower Upper
 64 100
 66 32.8 23.8 35.6



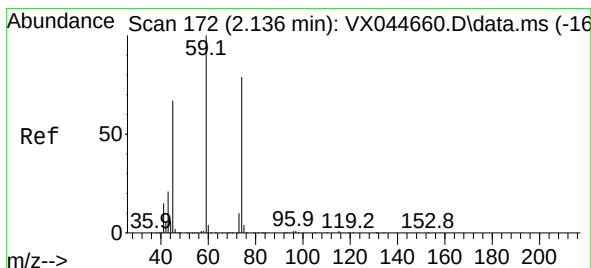
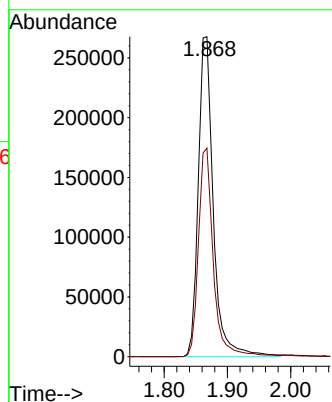
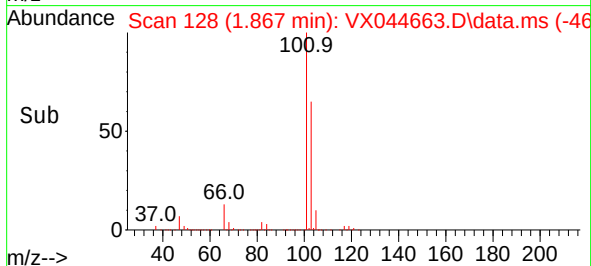


#7
 Trichlorofluoromethane
 Concen: 146.306 ug/l
 RT: 1.867 min Scan# 11
 Delta R.T. 0.000 min
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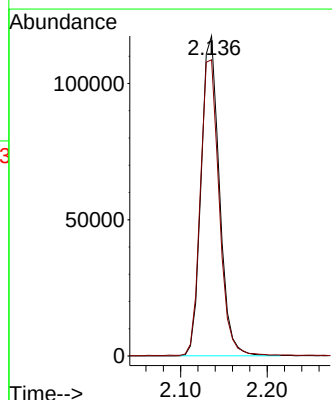
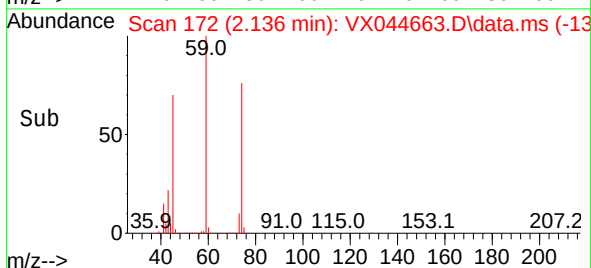
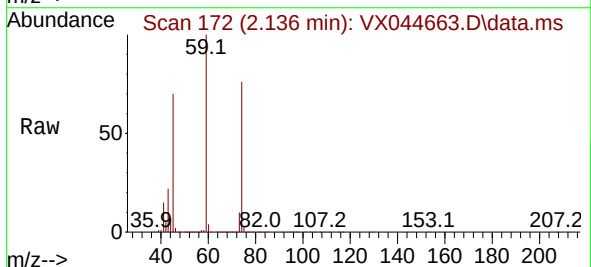


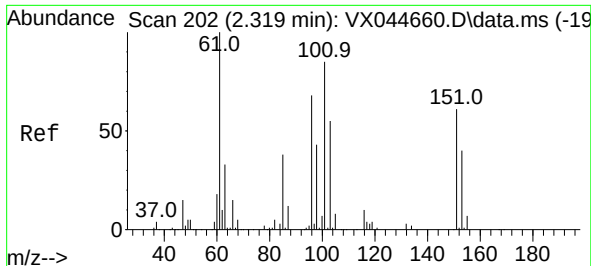
Tgt Ion:101 Resp: 443749
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.1 76.7



#8
 Diethyl Ether
 Concen: 146.474 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 171385
 Ion Ratio Lower Upper
 74 100
 45 94.8 18.8 168.8

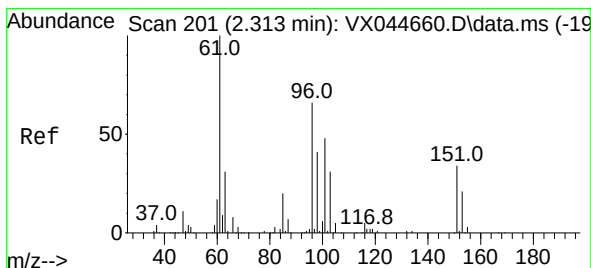
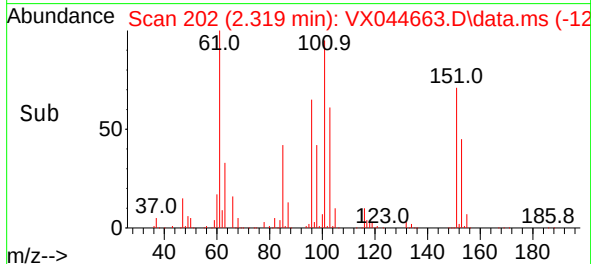
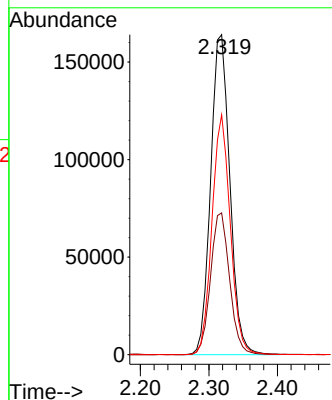
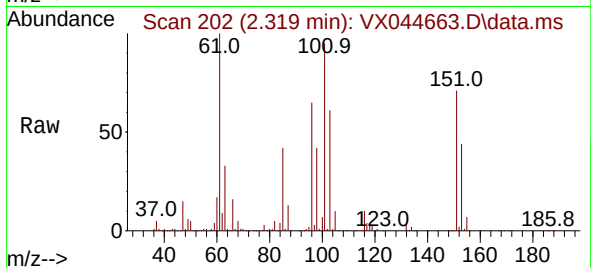




#9
1,1,2-Trichlorotrifluoroethane
Concen: 147.041 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
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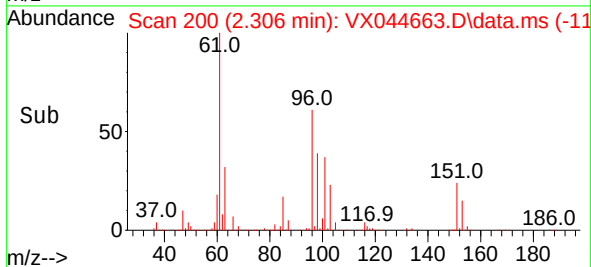
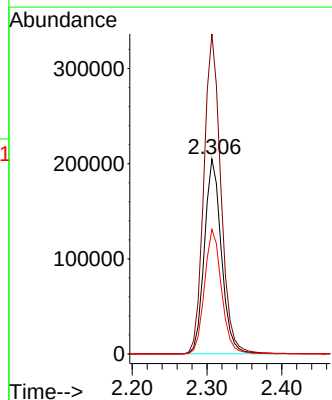
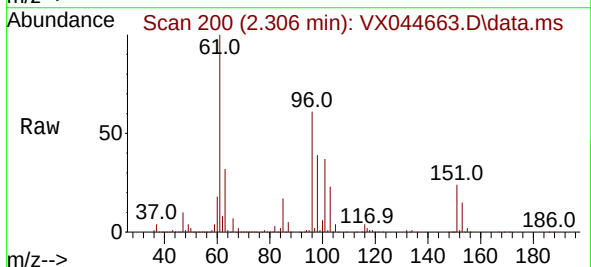
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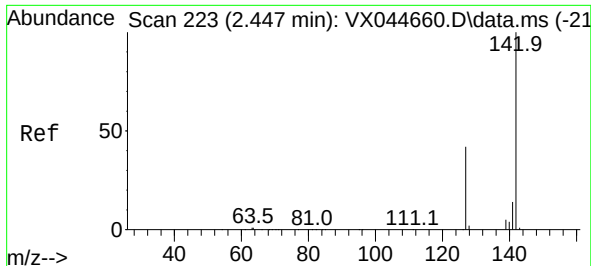
Tgt Ion:101 Resp: 319509
Ion Ratio Lower Upper
101 100
85 44.0 0.0 88.0
151 71.6 0.0 147.0



#10
1,1-Dichloroethene
Concen: 144.428 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

Tgt Ion: 96 Resp: 322881
Ion Ratio Lower Upper
96 100
61 164.2 121.6 182.4
98 63.8 50.3 75.5





#11

Methyl Iodide

Concen: 144.827 ug/l

RT: 2.441 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

Instrument :

MSVOA_X

ClientSampleId :

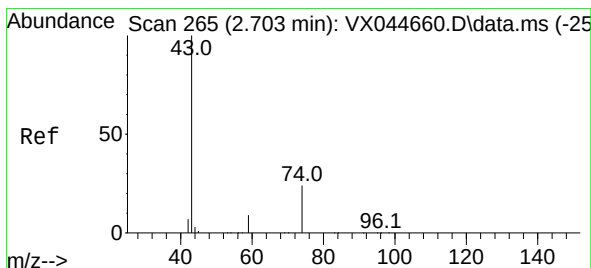
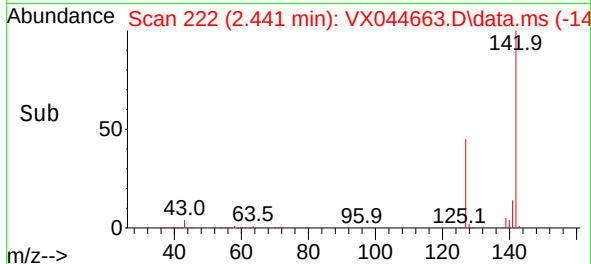
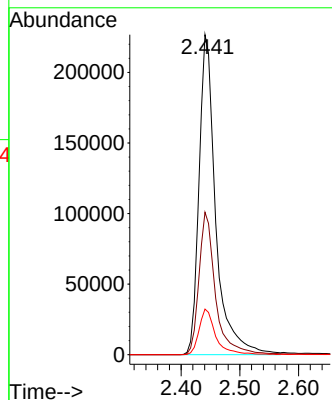
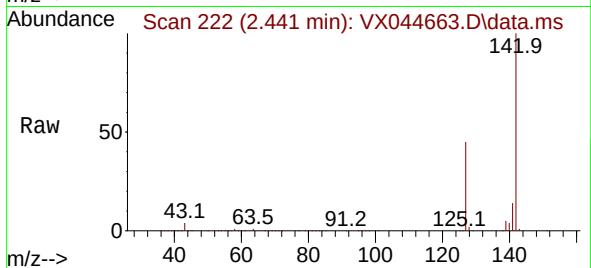
Tgt Ion:142 Resp: 448651

Ion Ratio Lower Upper

142 100

127 44.5 20.8 62.4

141 14.2 7.0 20.9



#12

Methyl Acetate

Concen: 146.278 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX044663.D

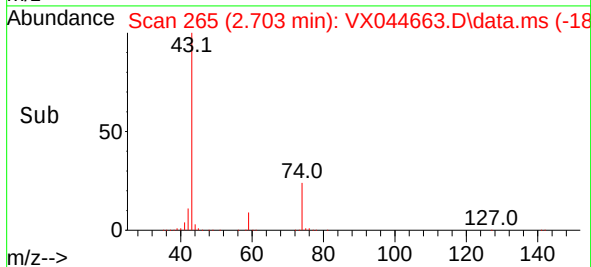
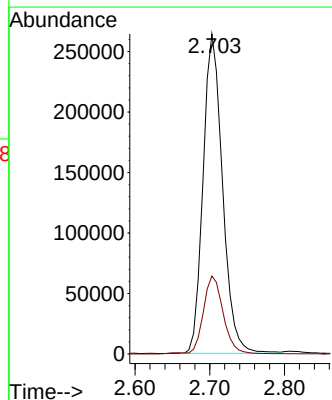
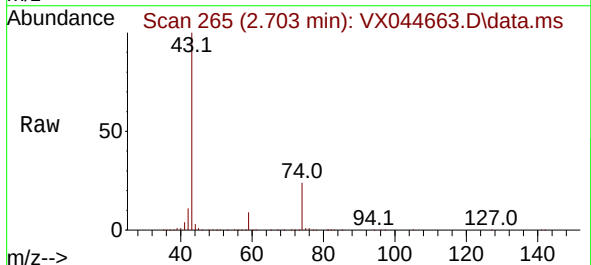
Acq: 16 Jan 2025 10:12

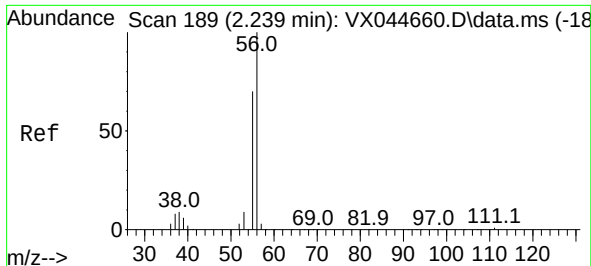
Tgt Ion: 43 Resp: 477398

Ion Ratio Lower Upper

43 100

74 24.2 19.4 29.2





#13

Acrolein

Concen: 702.790 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

Instrument :

MSVOA_X

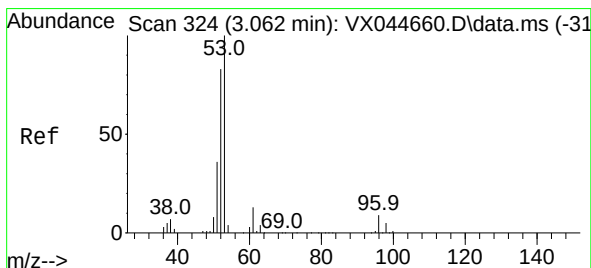
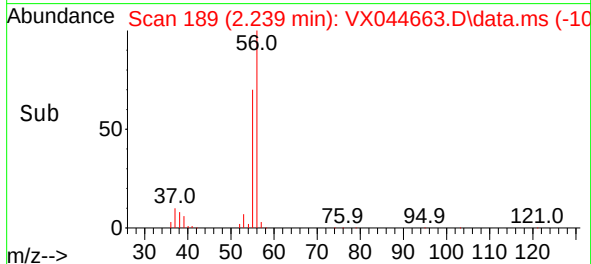
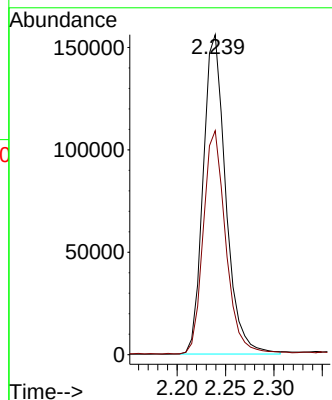
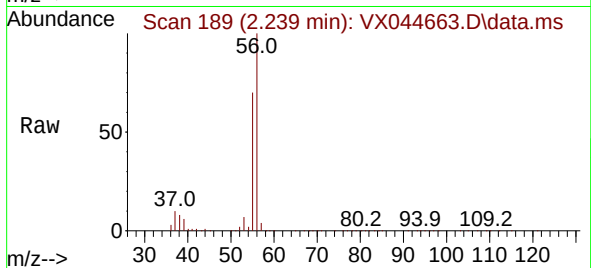
ClientSampleId :

Tgt Ion: 56 Resp: 253627

Ion Ratio Lower Upper

56 100

55 69.8 57.5 86.3



#14

Acrylonitrile

Concen: 685.671 ug/l

RT: 3.068 min Scan# 325

Delta R.T. 0.006 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

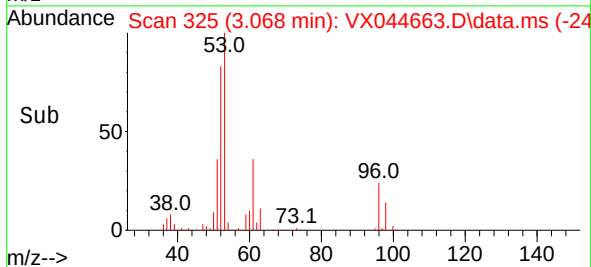
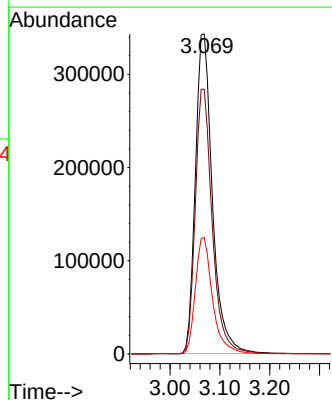
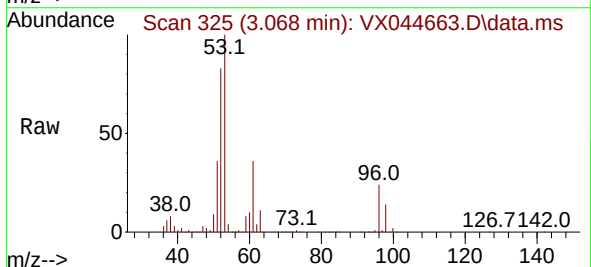
Tgt Ion: 53 Resp: 815430

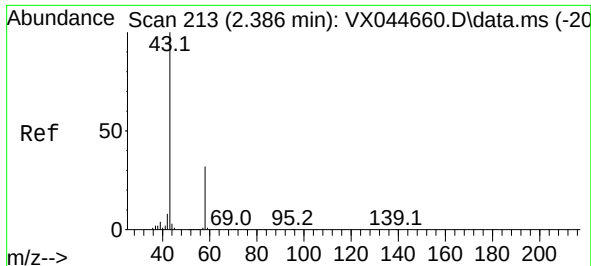
Ion Ratio Lower Upper

53 100

52 82.3 41.4 124.2

51 36.4 18.1 54.4

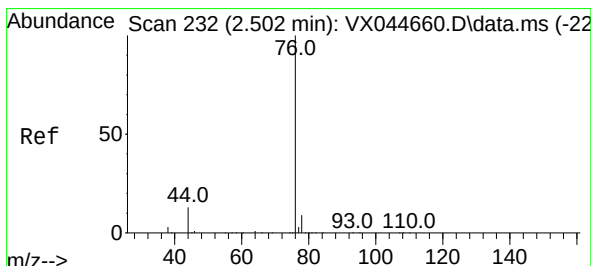
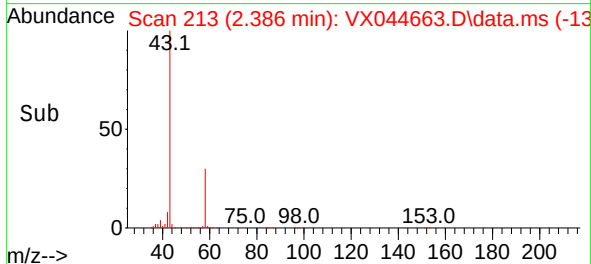
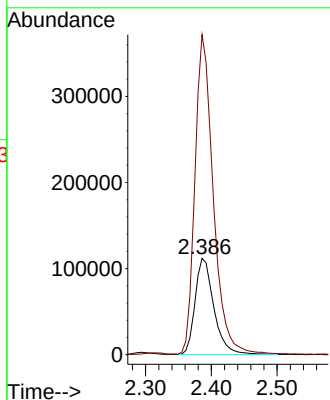
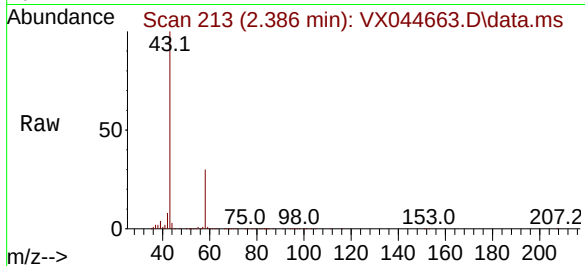




#15
Acetone
Concen: 692.682 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

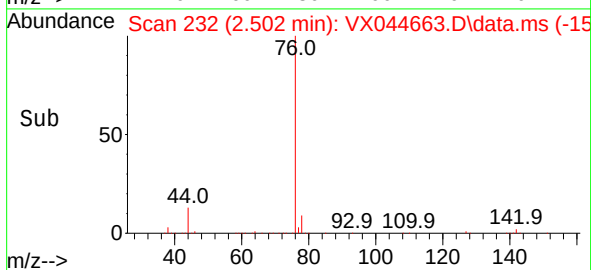
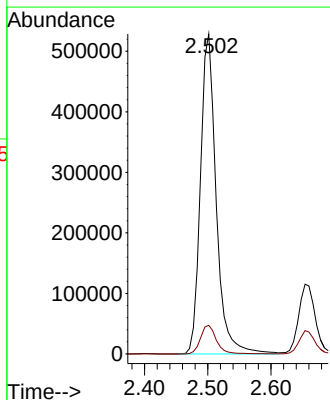
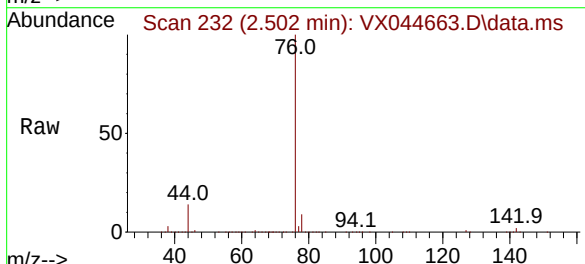
Instrument :
MSVOA_X
ClientSampleId :

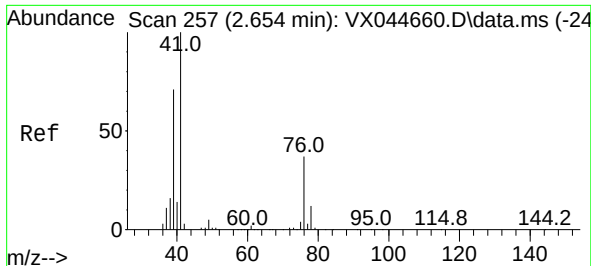
Tgt Ion: 58 Resp: 221043
Ion Ratio Lower Upper
58 100
43 332.7 251.0 376.4



#16
Carbon Disulfide
Concen: 147.895 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

Tgt Ion: 76 Resp: 918806
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

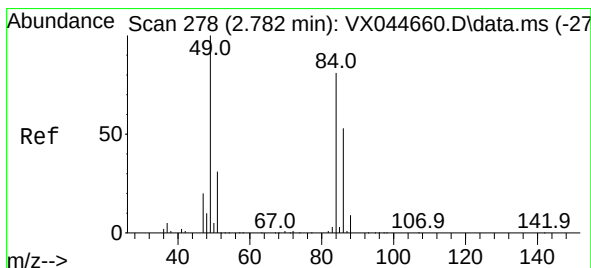
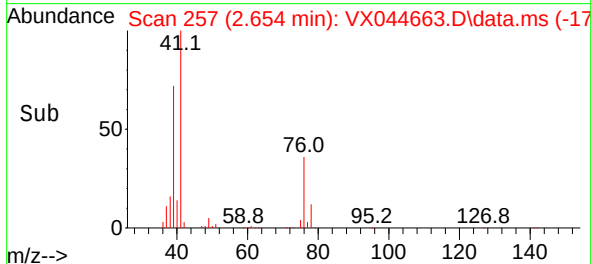
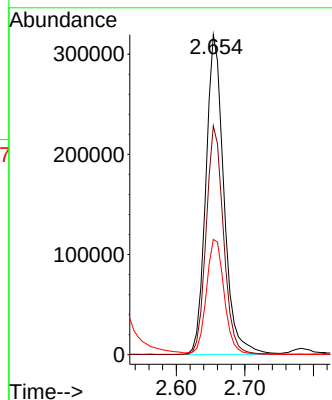
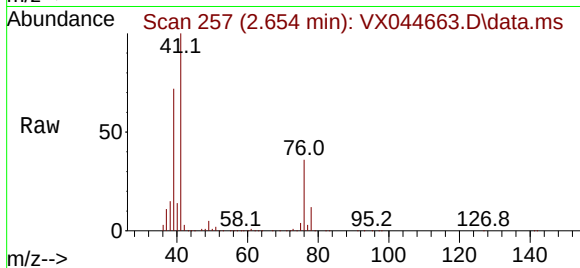




#17
 Allyl chloride
 Concen: 145.319 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. 0.000 min
 Lab File: VX044663.D
 Acq: 16 Jan 2025 10:12

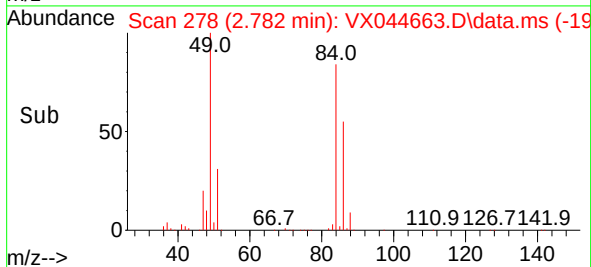
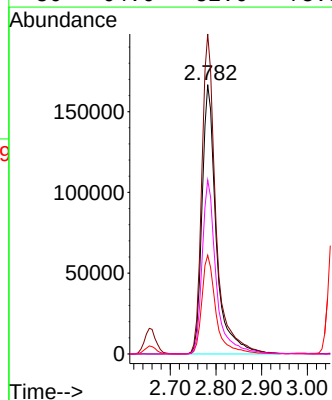
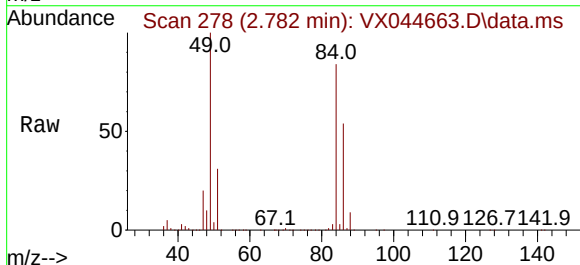
Instrument :
 MSVOA_X
 ClientSampleId :

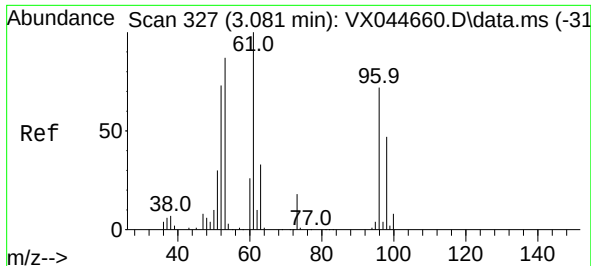
Tgt Ion:	41	Resp:	585850
Ion Ratio	Lower	Upper	
41	100		
39	71.5	35.6	106.8
76	36.0	18.9	56.5



#18
 Methylene Chloride
 Concen: 143.590 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VX044663.D
 Acq: 16 Jan 2025 10:12

Tgt Ion:	84	Resp:	359344
Ion Ratio	Lower	Upper	
84	100		
49	118.8	98.3	147.5
51	36.7	30.6	46.0
86	64.6	52.6	78.8

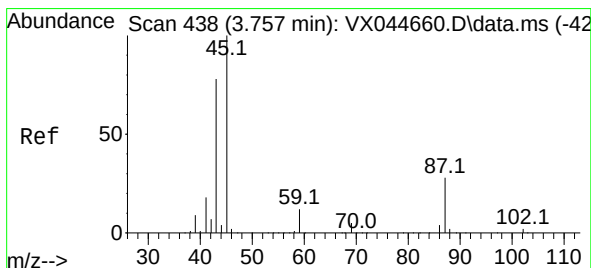
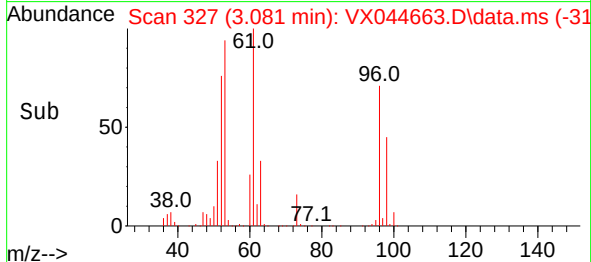
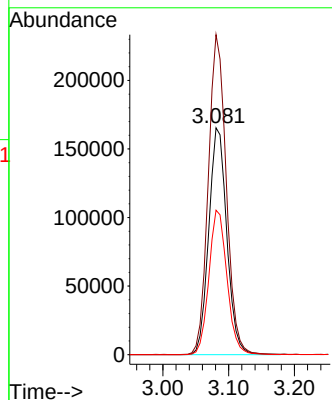
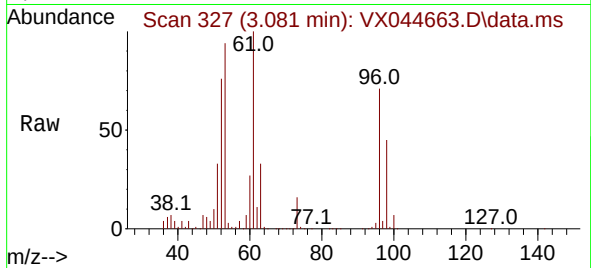




#19
trans-1,2-Dichloroethene
Concen: 142.541 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

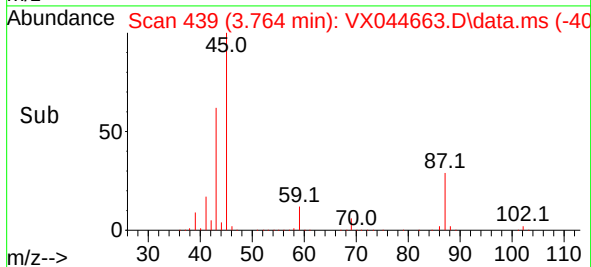
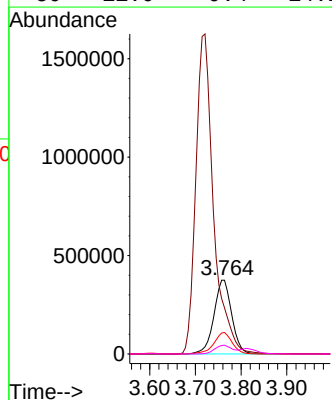
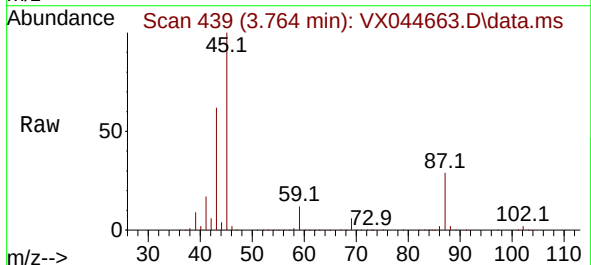
Instrument :
MSVOA_X
ClientSampleId :

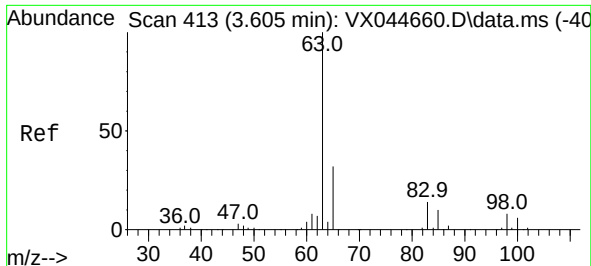
Tgt Ion: 96 Resp: 316848
Ion Ratio Lower Upper
96 100
61 141.0 111.5 167.3
98 63.7 52.6 79.0



#20
Diisopropyl ether
Concen: 138.787 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

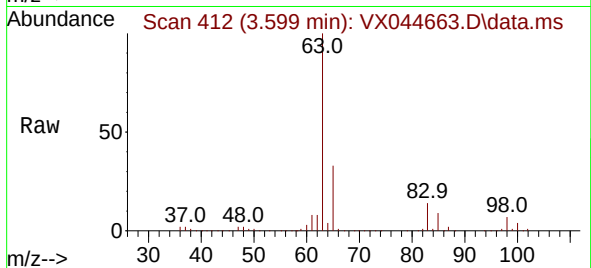
Tgt Ion: 45 Resp: 1015552
Ion Ratio Lower Upper
45 100
43 62.2 62.6 94.0#
87 29.0 22.7 34.1
59 11.9 9.4 14.2



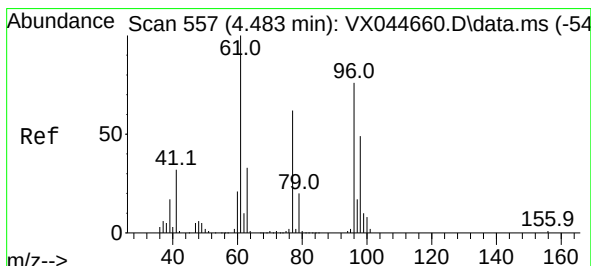
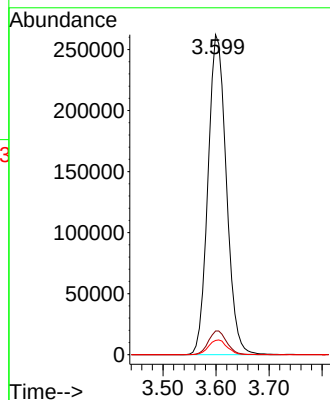
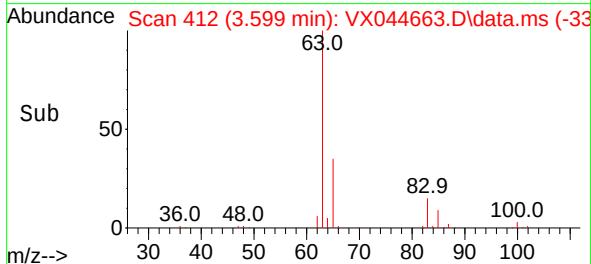


#21
1,1-Dichloroethane
Concen: 145.234 ug/l
RT: 3.599 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

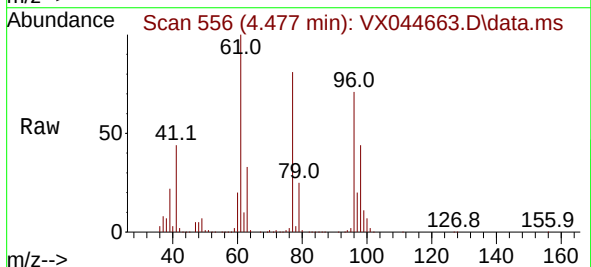
Instrument :
MSVOA_X
ClientSampleId :



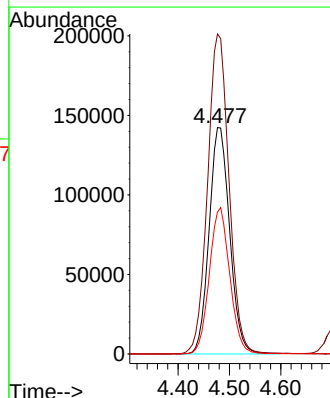
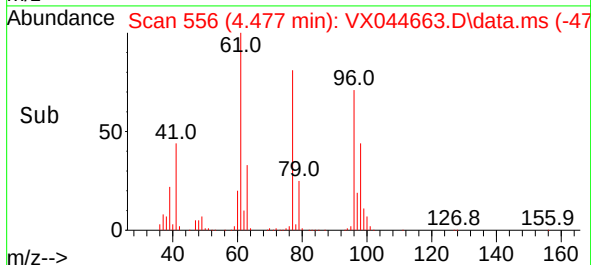
Tgt Ion: 63 Resp: 630418
Ion Ratio Lower Upper
63 100
98 7.4 4.0 11.9
100 4.4 2.8 8.3

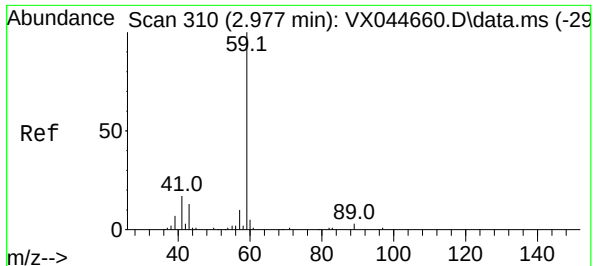


#22
cis-1,2-Dichloroethene
Concen: 144.228 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12



Tgt Ion: 96 Resp: 396803
Ion Ratio Lower Upper
96 100
61 146.8 115.2 172.8
98 64.0 51.8 77.6





#23

tert-Butyl Alcohol

Concen: 341.419 ug/l

RT: 2.983 min Scan# 311

Delta R.T. 0.006 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

Instrument :

MSVOA_X

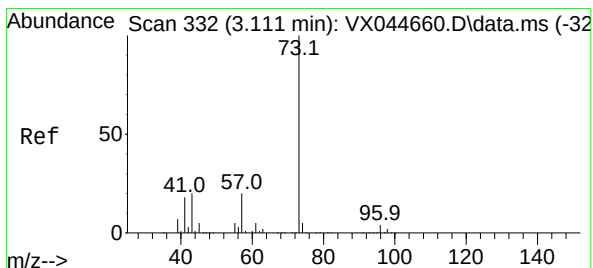
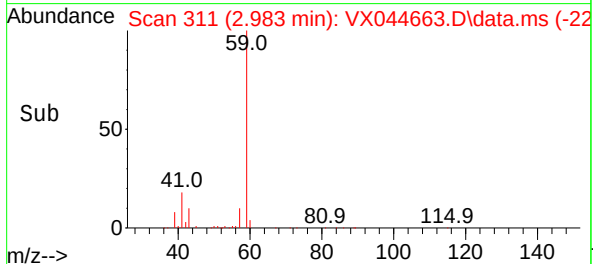
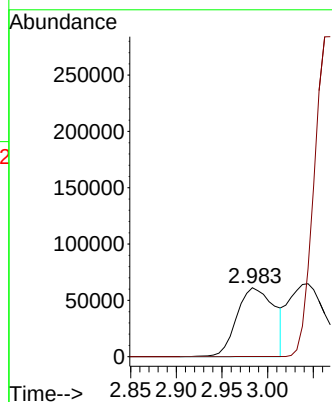
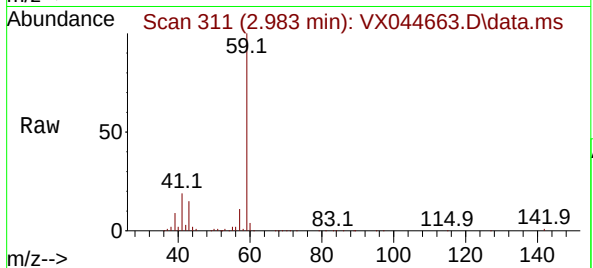
ClientSampleId :

Tgt Ion: 59 Resp: 176151

Ion Ratio Lower Upper

59 100

52 0.0 0.1 0.1#



#24

Methyl tert-Butyl Ether

Concen: 141.899 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX044663.D

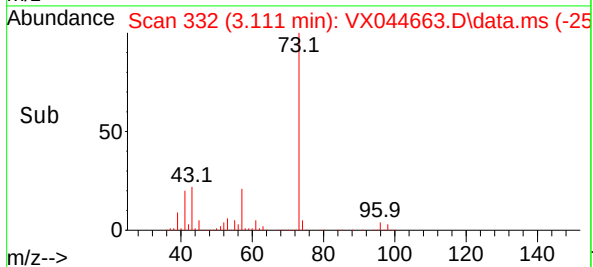
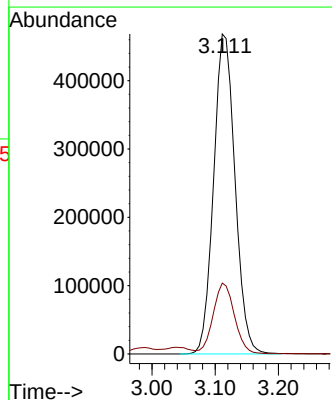
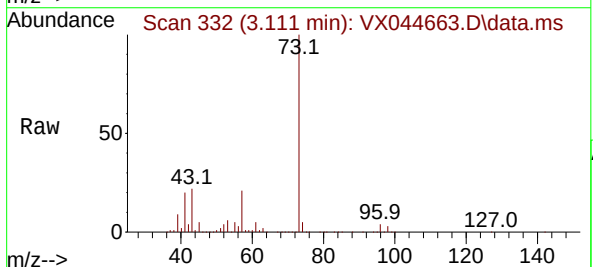
Acq: 16 Jan 2025 10:12

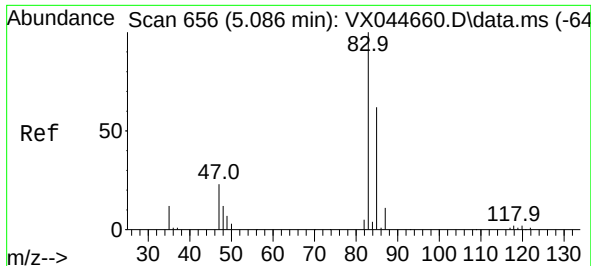
Tgt Ion: 73 Resp: 1099111

Ion Ratio Lower Upper

73 100

43 21.9 16.9 25.3





#25

Chloroform

Concen: 143.460 ug/l

RT: 5.086 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

Instrument :

MSVOA_X

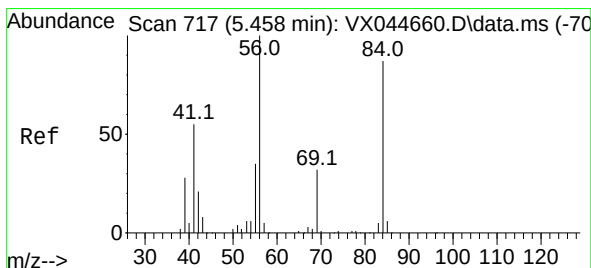
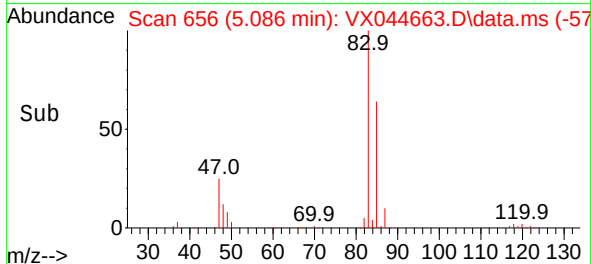
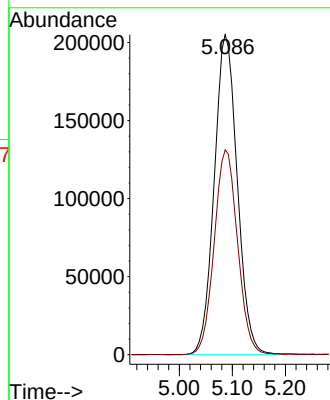
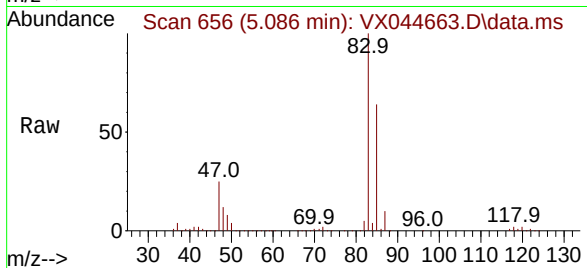
ClientSampleId :

Tgt Ion: 83 Resp: 618756

Ion Ratio Lower Upper

83 100

85 64.0 49.4 74.2



#26

Cyclohexane

Concen: 140.607 ug/l

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

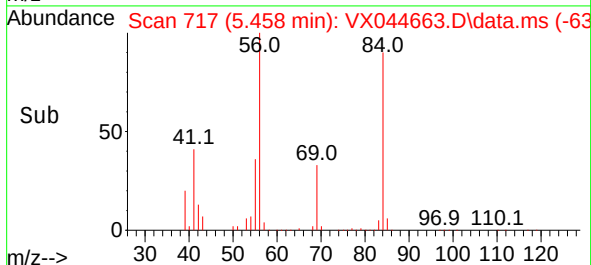
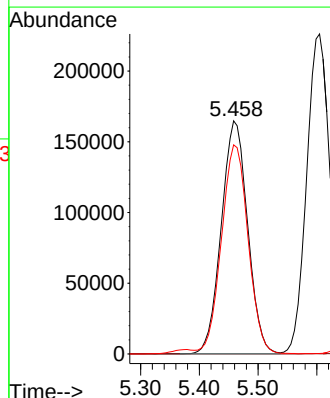
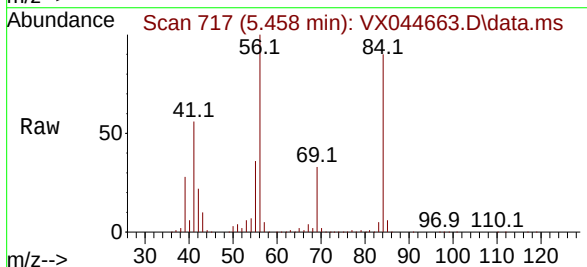
Tgt Ion: 56 Resp: 512956

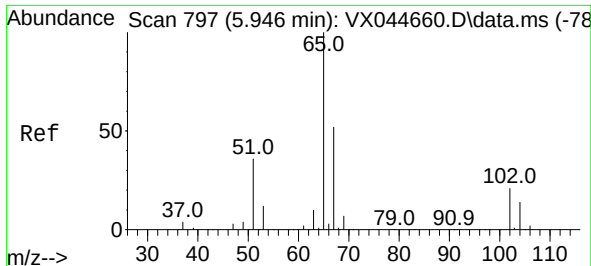
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.0 72.2 108.4

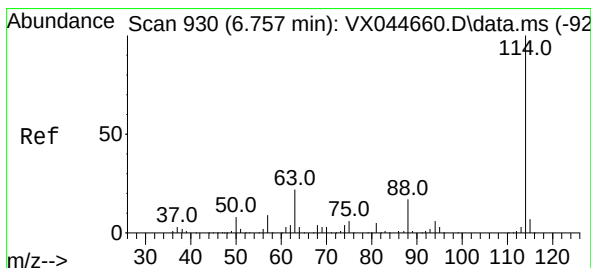
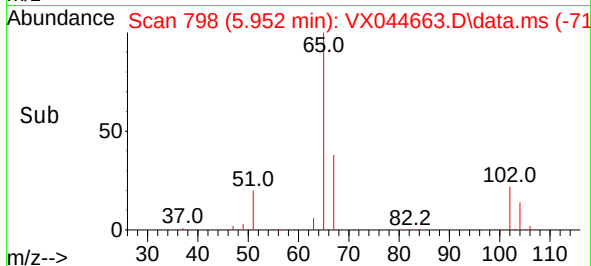
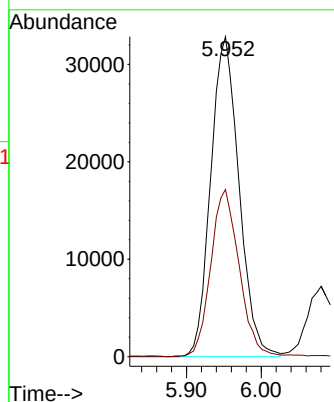
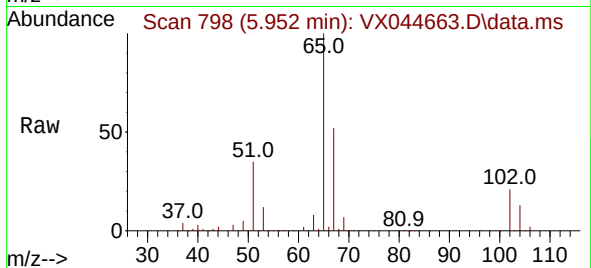




#27
1,2-Dichloroethane-d4
Concen: 29.598 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

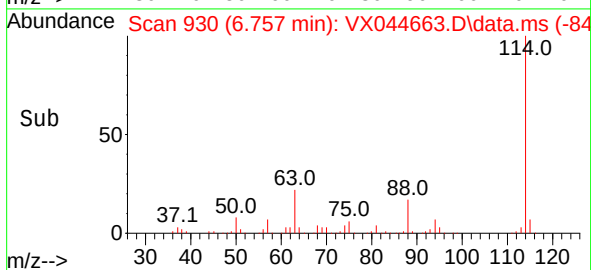
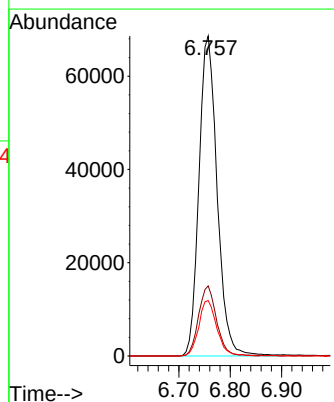
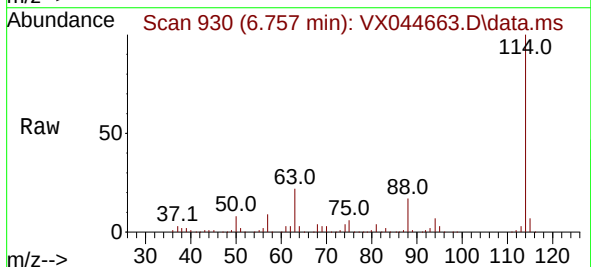
Instrument :
MSVOA_X
ClientSampleId :

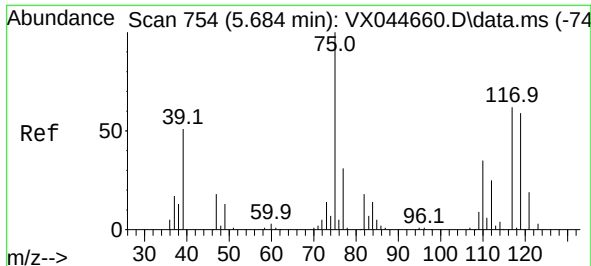
Tgt Ion: 65 Resp: 86477
Ion Ratio Lower Upper
65 100
67 51.5 41.4 62.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

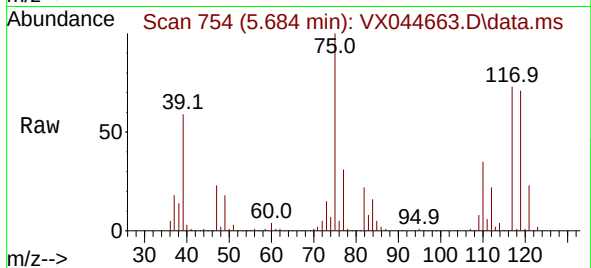
Tgt Ion:114 Resp: 168670
Ion Ratio Lower Upper
114 100
63 21.7 16.6 24.8
88 17.2 13.4 20.2



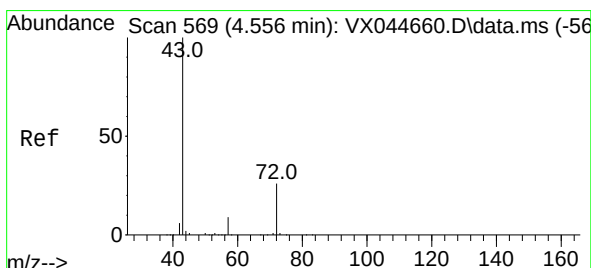
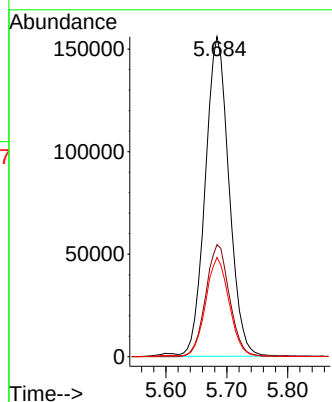
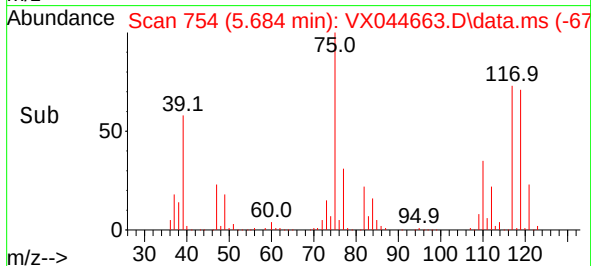


#29
1,1-Dichloropropene
Concen: 143.910 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

Instrument :
MSVOA_X
ClientSampleId :

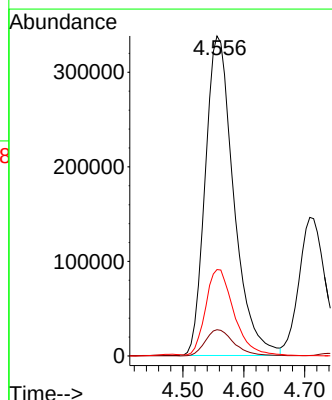
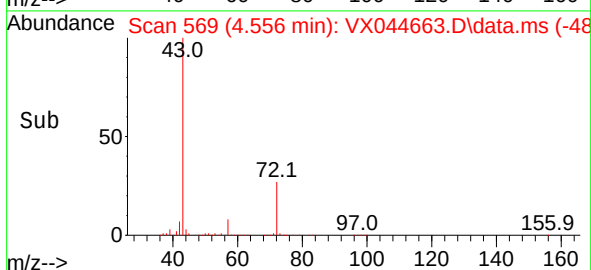
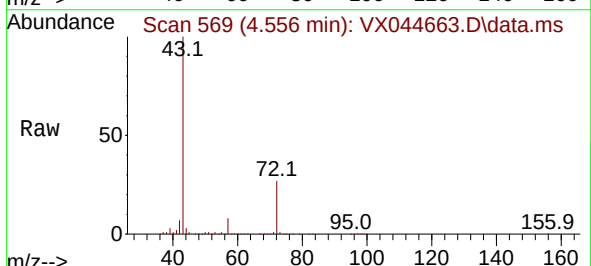


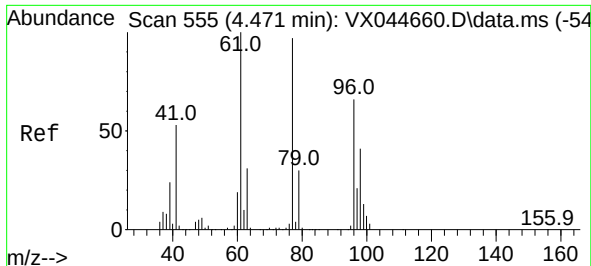
Tgt Ion: 75 Resp: 422203
Ion Ratio Lower Upper
75 100
110 35.2 0.0 69.4
77 30.7 0.0 59.8



#30
2-Butanone
Concen: 680.393 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

Tgt Ion: 43 Resp: 1096527
Ion Ratio Lower Upper
43 100
57 8.3 6.4 9.6
72 27.0 21.5 32.3





#31

2,2-Dichloropropane

Concen: 141.392 ug/l

RT: 4.465 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

Instrument :

MSVOA_X

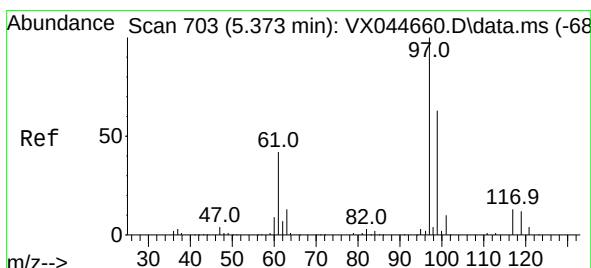
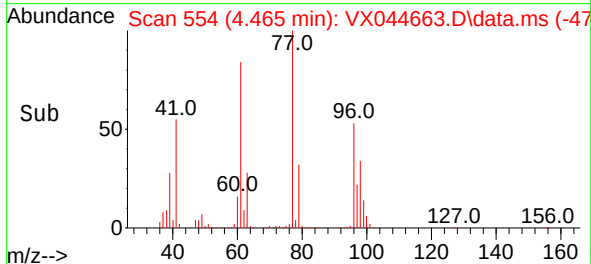
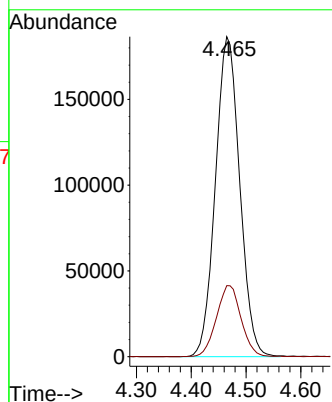
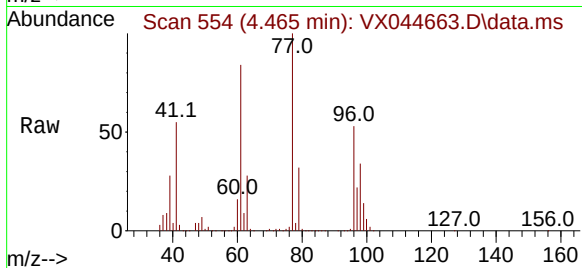
ClientSampleId :

Tgt Ion: 77 Resp: 574023

Ion Ratio Lower Upper

77 100

97 22.6 18.6 27.8



#32

1,1,1-Trichloroethane

Concen: 141.813 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

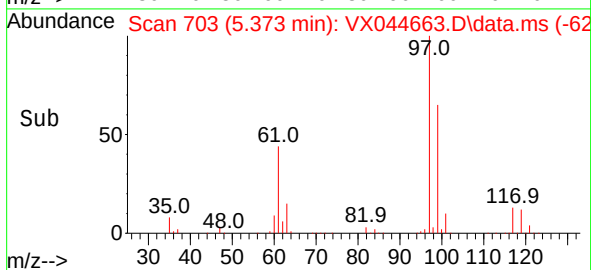
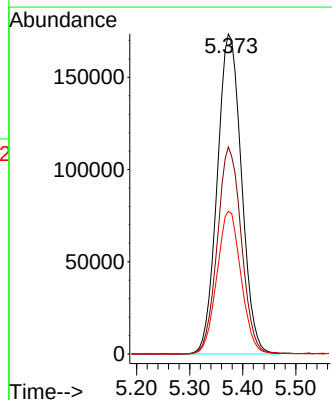
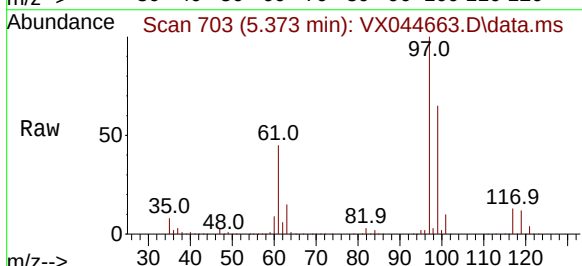
Tgt Ion: 97 Resp: 551364

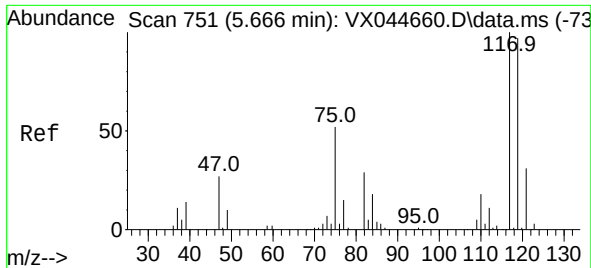
Ion Ratio Lower Upper

97 100

99 64.1 50.5 75.7

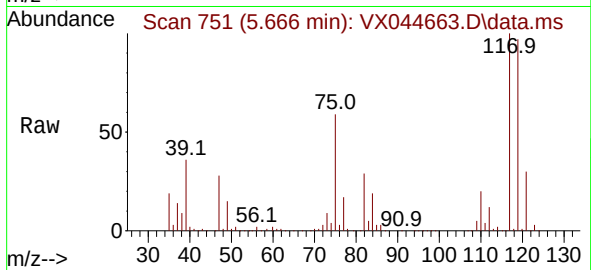
61 44.4 34.6 51.8



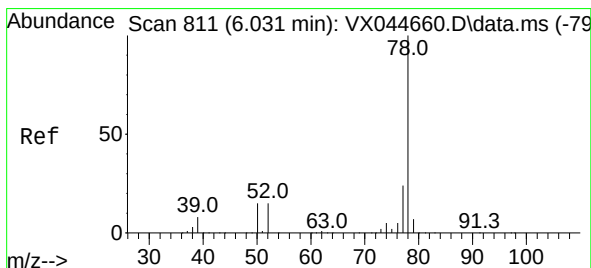
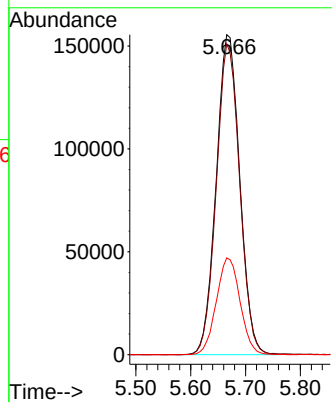
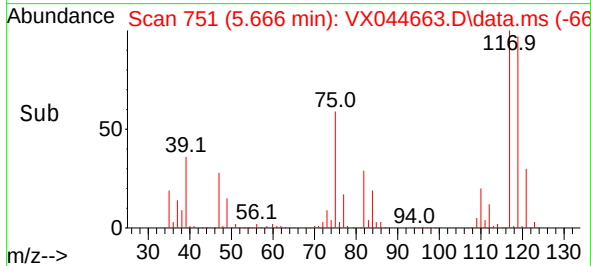


#33
Carbon Tetrachloride
Concen: 141.758 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

Instrument :
MSVOA_X
ClientSampleId :

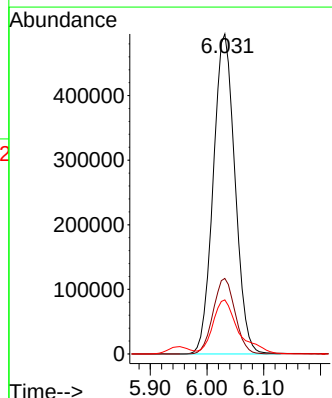
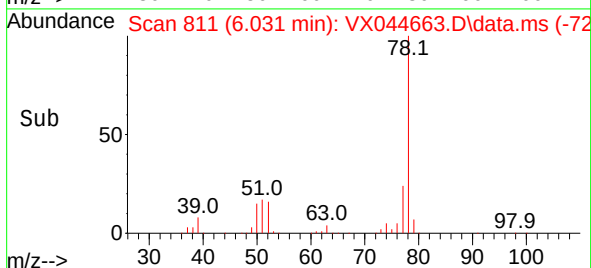
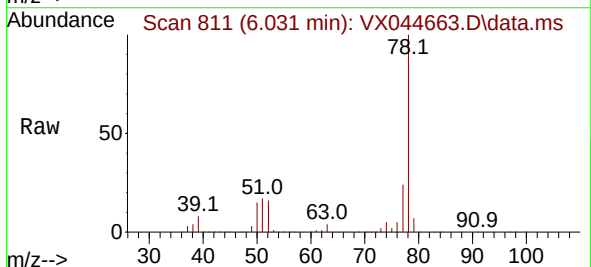


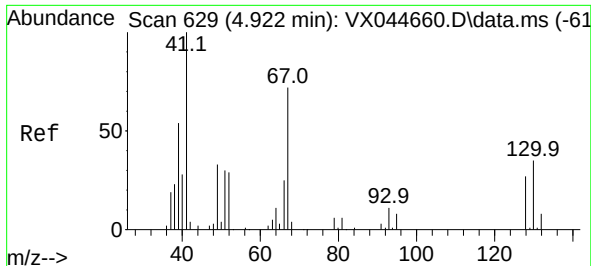
Tgt Ion:117 Resp: 464930
Ion Ratio Lower Upper
117 100
119 97.2 77.3 115.9
121 30.2 24.6 37.0



#34
Benzene
Concen: 140.704 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

Tgt Ion: 78 Resp: 1317009
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9
51 16.7 12.7 19.1





#35

Methacrylonitrile

Concen: 140.009 ug/l

RT: 4.922 min Scan# 61

Delta R.T. 0.000 min

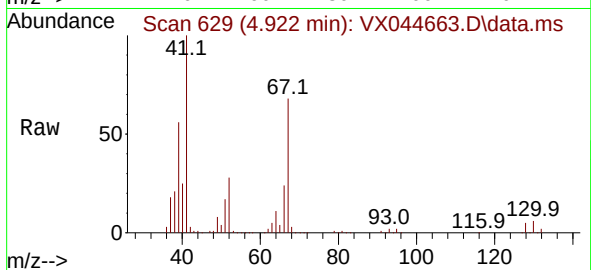
Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 41 Resp: 252183

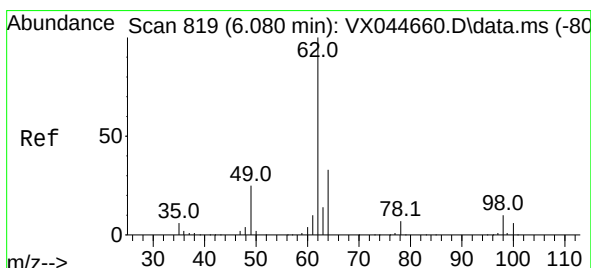
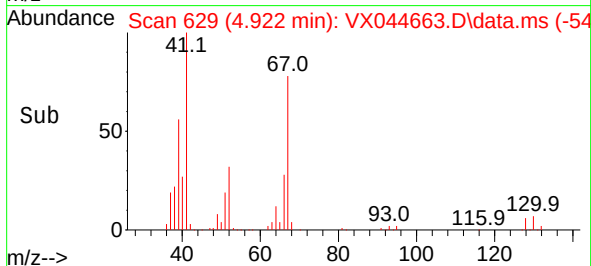
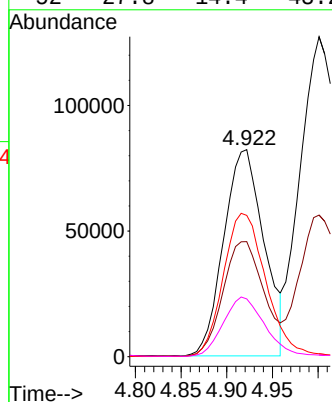
Ion	Ratio	Lower	Upper
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41	100		
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39	55.5	27.1	81.3
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67	68.3	35.8	107.4
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52	27.8	14.4	43.2
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#36

1,2-Dichloroethane

Concen: 141.982 ug/l

RT: 6.080 min Scan# 819

Delta R.T. 0.000 min

Lab File: VX044663.D

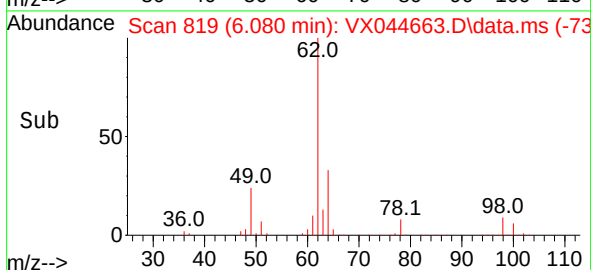
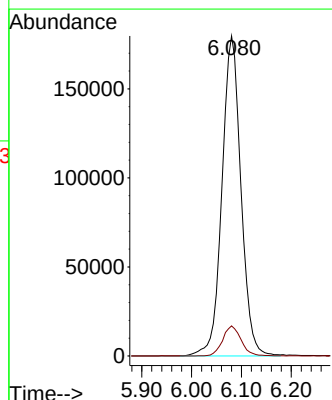
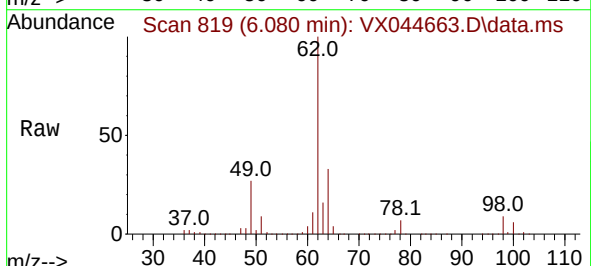
Acq: 16 Jan 2025 10:12

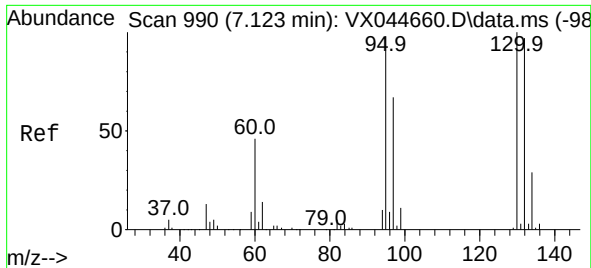
Tgt Ion: 62 Resp: 475153

Ion	Ratio	Lower	Upper
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62	100		
----	-----	--	--

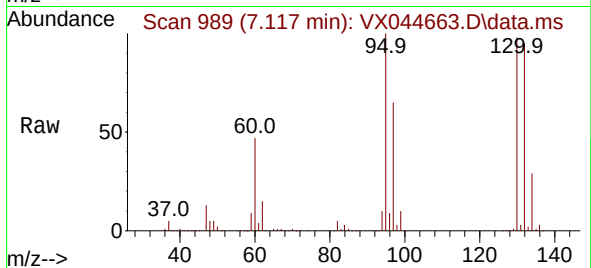
98	9.1	7.4	11.2
----	-----	-----	------



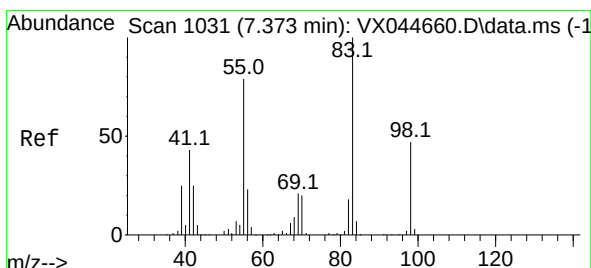
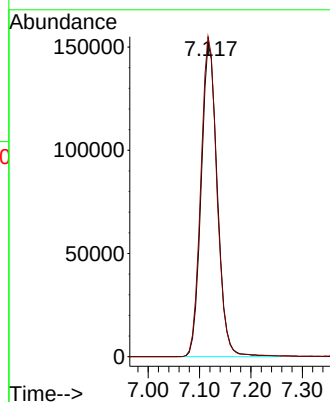
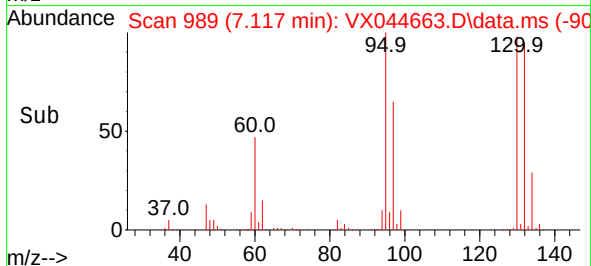


#37
Trichloroethene
Concen: 146.814 ug/l
RT: 7.117 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

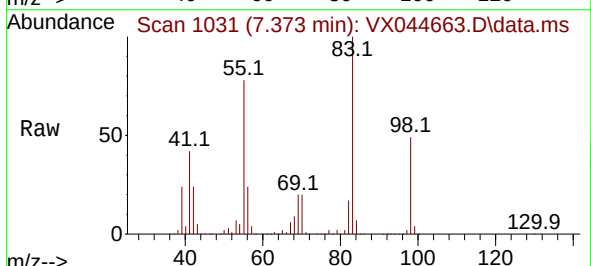
Instrument :
MSVOA_X
ClientSampleId :



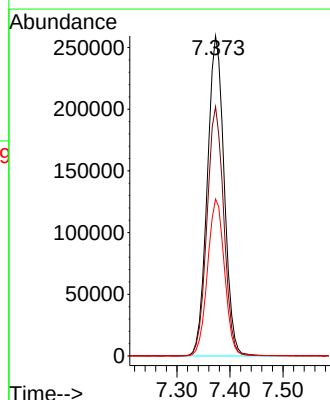
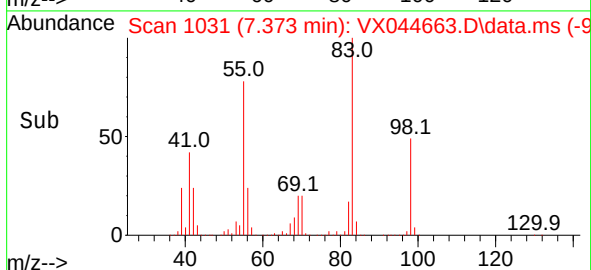
Tgt Ion:130 Resp: 331784
Ion Ratio Lower Upper
130 100
95 101.8 78.2 117.4

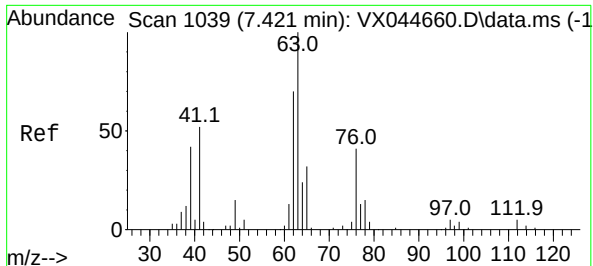


#38
Methylcyclohexane
Concen: 143.834 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12



Tgt Ion: 83 Resp: 573341
Ion Ratio Lower Upper
83 100
55 76.9 38.4 115.2
98 49.5 24.4 73.4





#39

1,2-Dichloropropane

Concen: 142.224 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

Instrument :

MSVOA_X

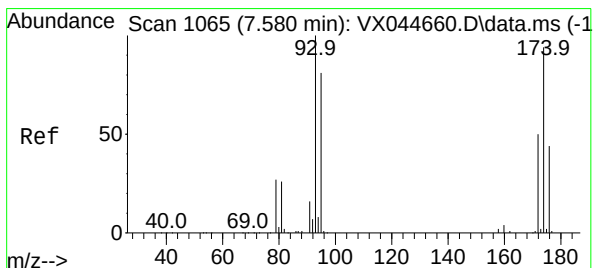
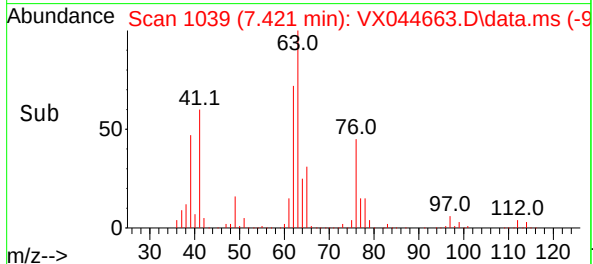
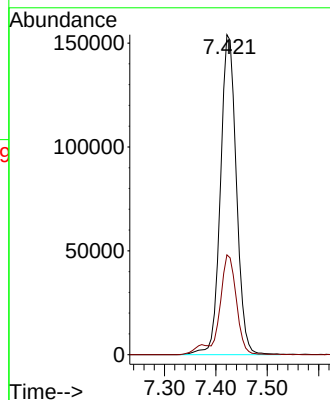
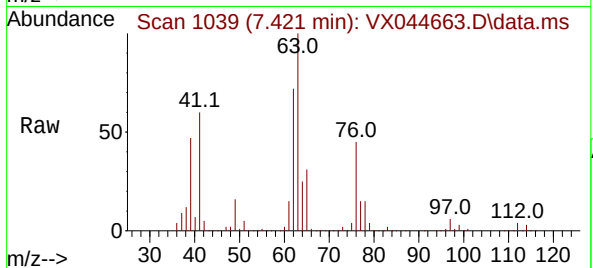
ClientSampleId :

Tgt Ion: 63 Resp: 331963

Ion Ratio Lower Upper

63 100

65 31.1 25.5 38.3



#40

Dibromomethane

Concen: 143.290 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

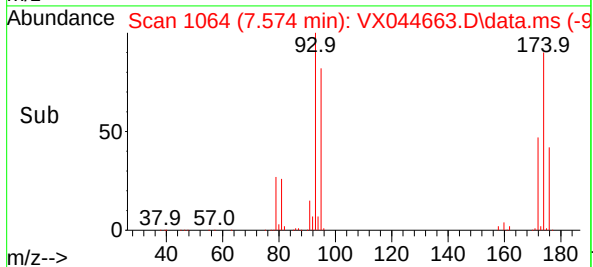
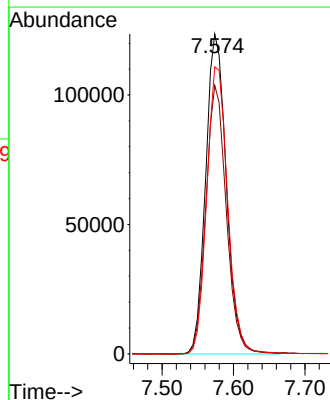
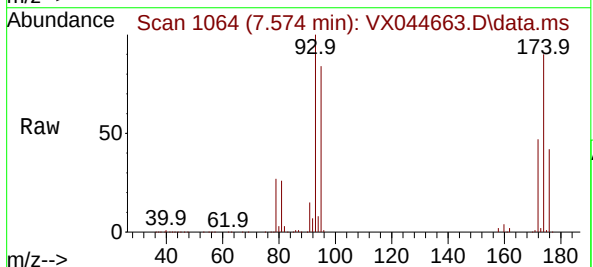
Tgt Ion: 93 Resp: 248648

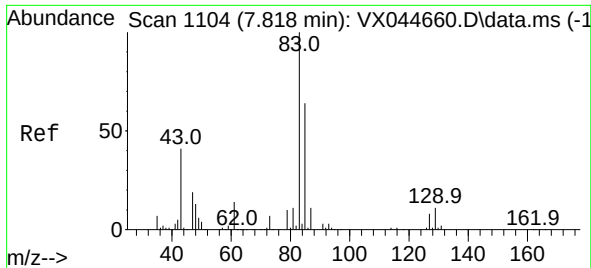
Ion Ratio Lower Upper

93 100

95 82.6 0.0 167.0

174 90.6 0.0 182.0

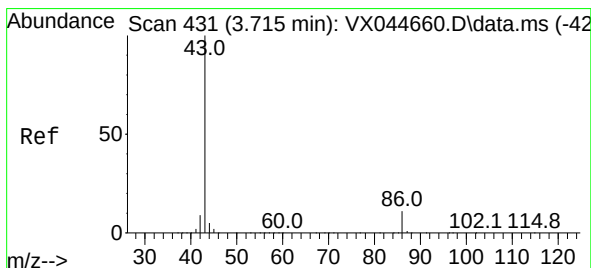
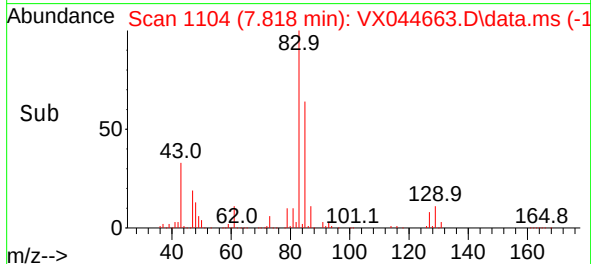
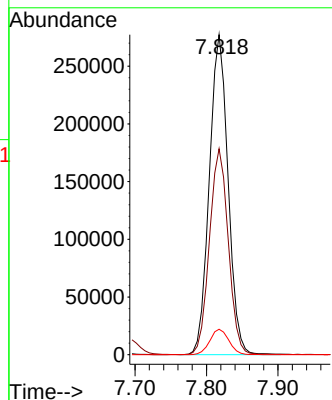
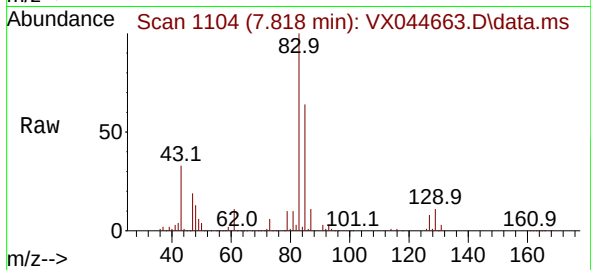




#41
Bromodichloromethane
Concen: 140.783 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

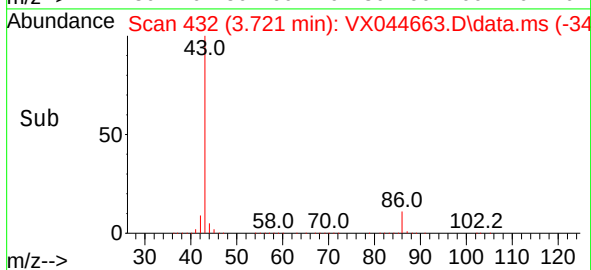
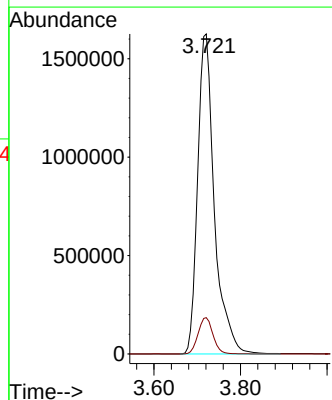
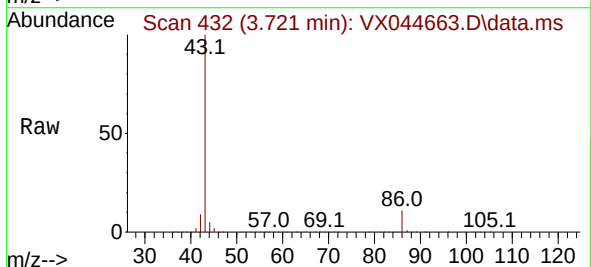
Instrument :
MSVOA_X
ClientSampleId :

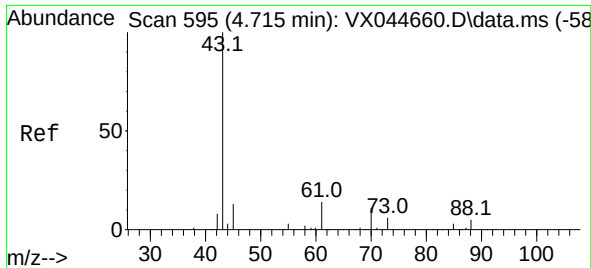
Tgt Ion: 83 Resp: 504431
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3
127 8.0 6.5 9.7



#42
Vinyl Acetate
Concen: 681.685 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.006 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

Tgt Ion: 43 Resp: 4362962
Ion Ratio Lower Upper
43 100
86 10.1 8.0 12.0

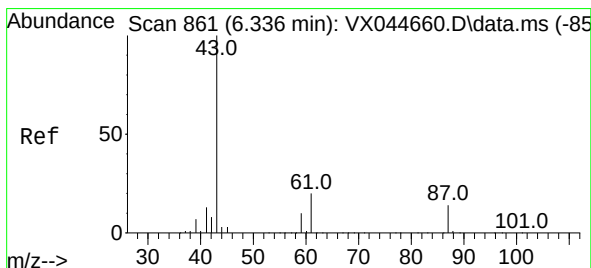
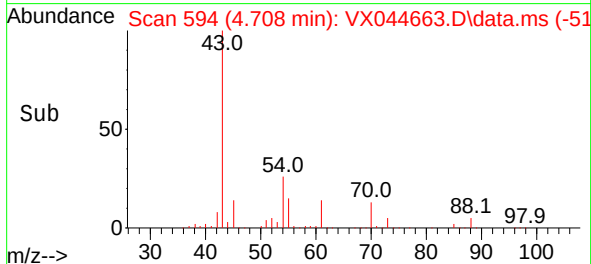
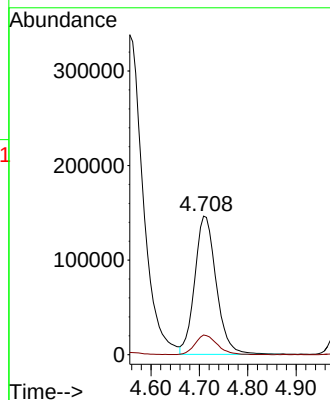
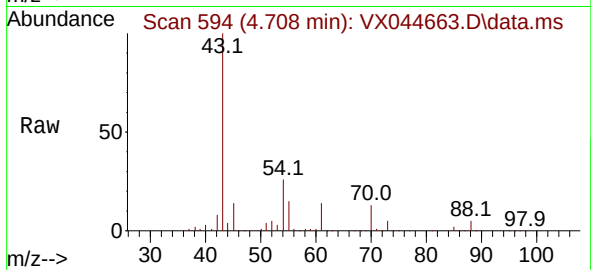




#43
Ethyl Acetate
Concen: 142.615 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

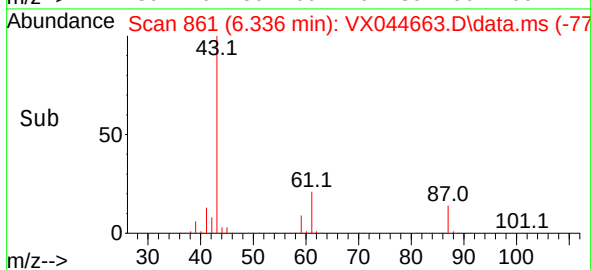
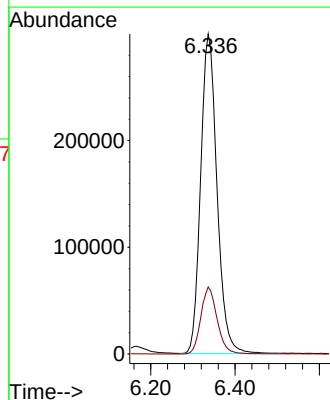
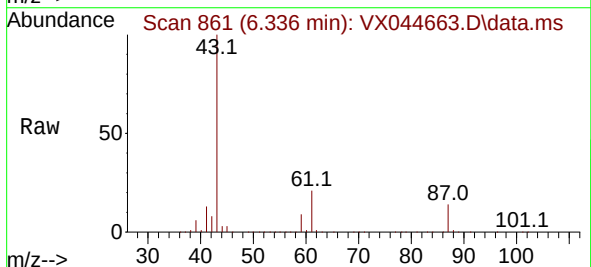
Instrument :
MSVOA_X
ClientSampleId :

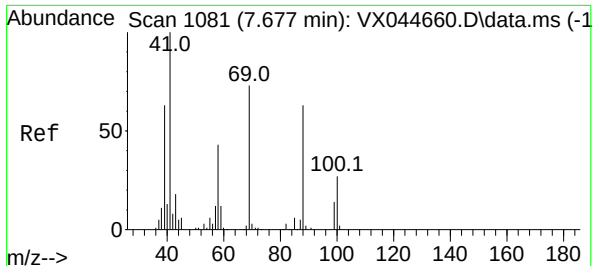
Tgt Ion: 43 Resp: 450860
Ion Ratio Lower Upper
43 100
45 14.6 0.1 0.1#



#44
Isopropyl Acetate
Concen: 142.404 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

Tgt Ion: 43 Resp: 808776
Ion Ratio Lower Upper
43 100
61 20.7 16.2 24.4





#45

1,4-Dioxane

Concen: 2560.521 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. -0.006 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

Instrument :

MSVOA_X

ClientSampleId :

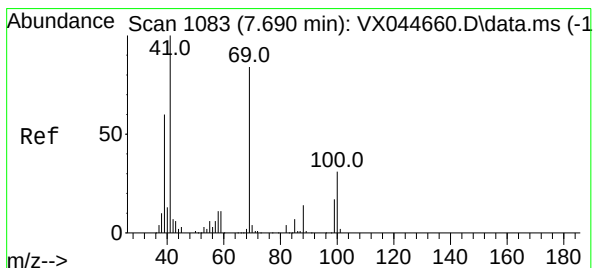
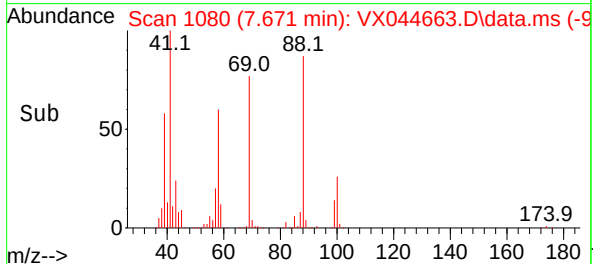
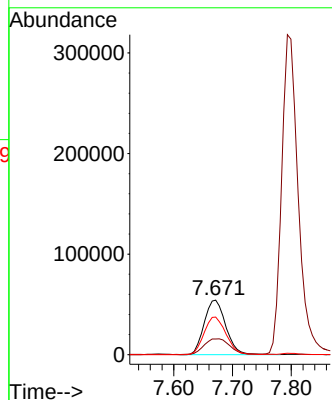
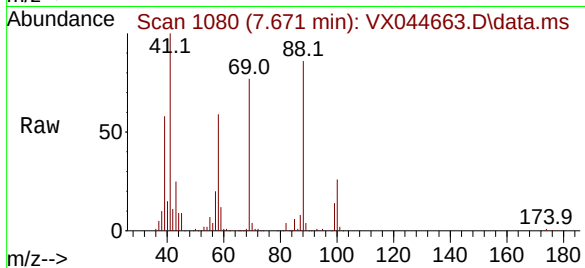
Tgt Ion: 88 Resp: 138476

Ion Ratio Lower Upper

88 100

43 33.7 25.9 38.9

58 70.3 58.9 88.3



#46

Methyl methacrylate

Concen: 140.143 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

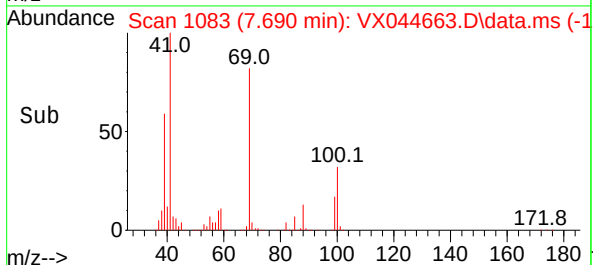
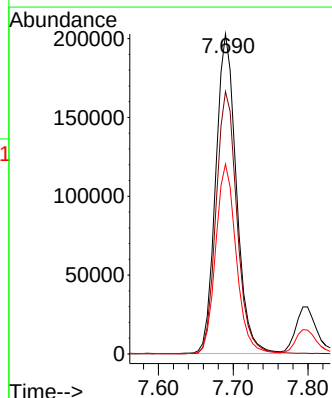
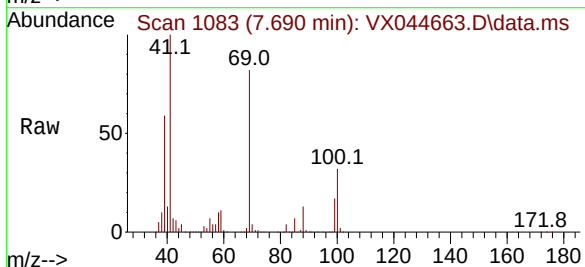
Tgt Ion: 41 Resp: 389600

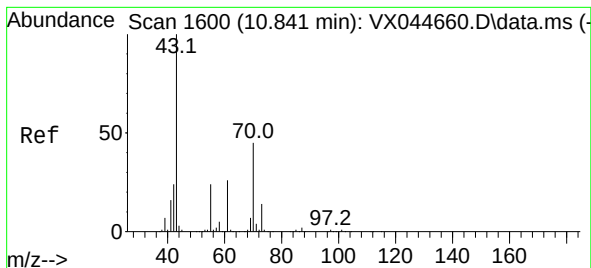
Ion Ratio Lower Upper

41 100

69 82.1 41.9 125.7

39 59.4 30.1 90.3





#47

n-amyI Acetate

Concen: 135.718 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

Instrument :

MSVOA_X

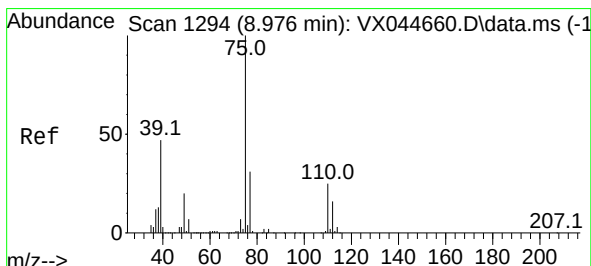
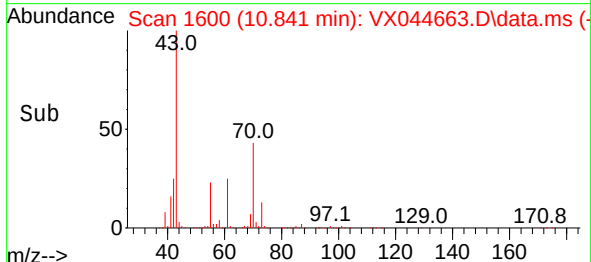
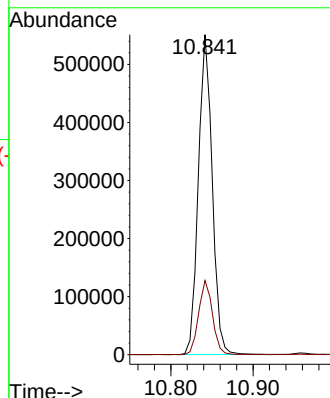
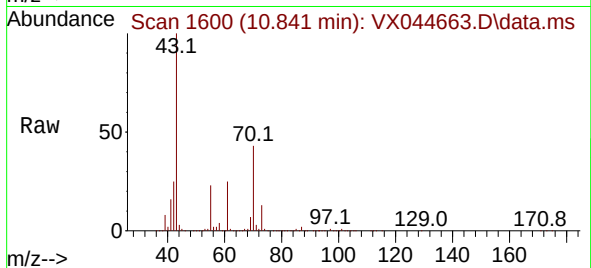
ClientSampleId :

Tgt Ion: 43 Resp: 646879

Ion Ratio Lower Upper

43 100

55 23.0 18.9 28.3



#48

t-1,3-Dichloropropene

Concen: 141.659 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044663.D

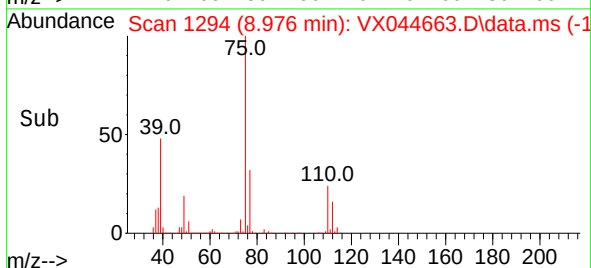
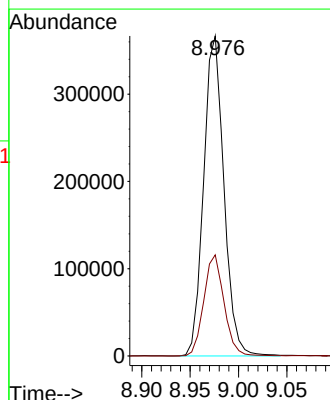
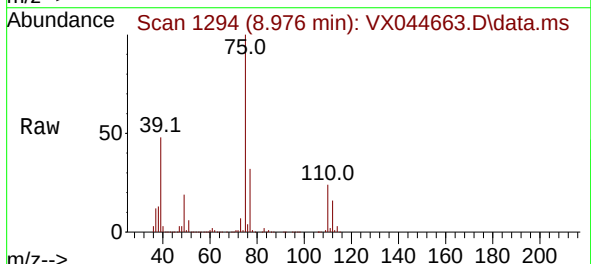
Acq: 16 Jan 2025 10:12

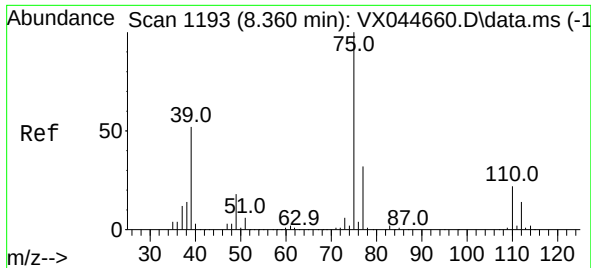
Tgt Ion: 75 Resp: 535738

Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2





#49

cis-1,3-Dichloropropene

Concen: 139.536 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

Instrument :

MSVOA_X

ClientSampleId :

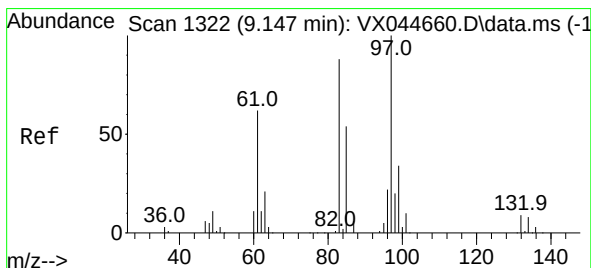
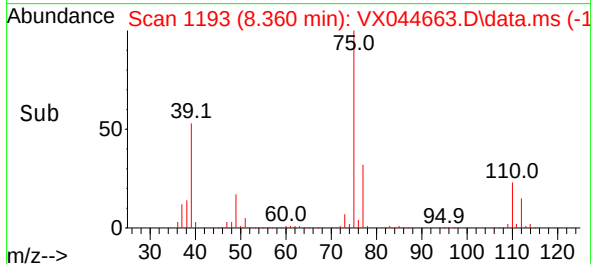
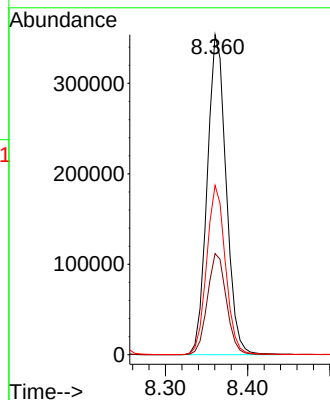
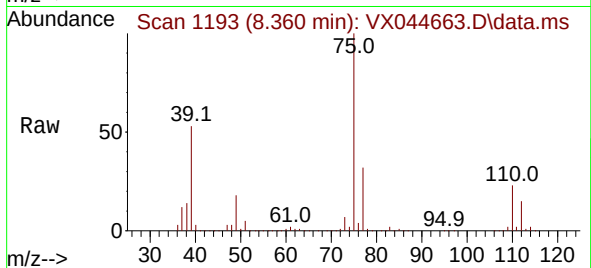
Tgt Ion: 75 Resp: 565857

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

39 52.8 41.4 62.0



#50

1,1,2-Trichloroethane

Concen: 133.695 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

Tgt Ion: 97 Resp: 299288

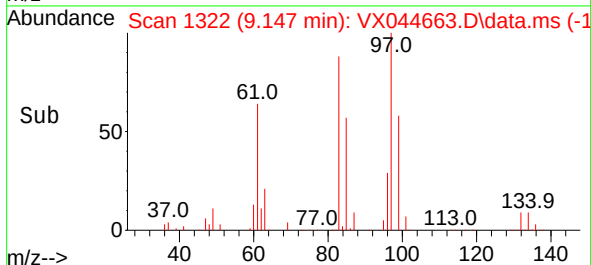
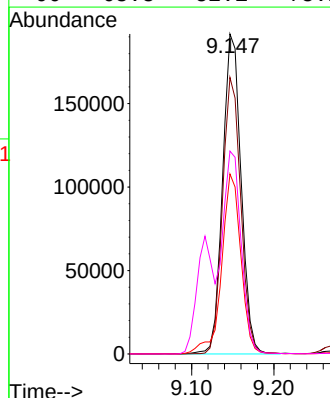
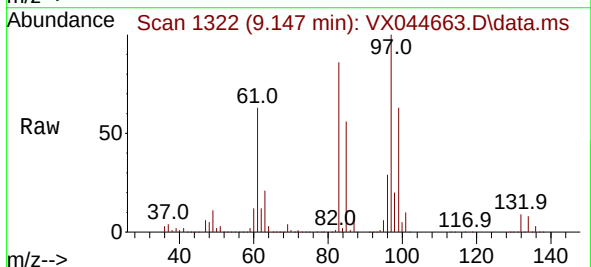
Ion Ratio Lower Upper

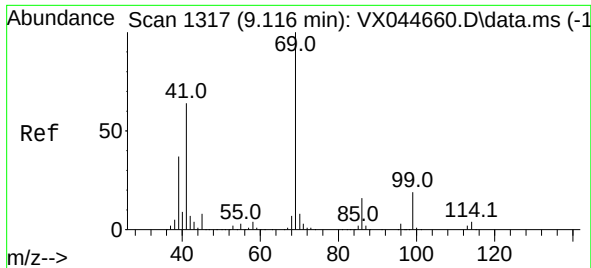
97 100

83 86.3 69.2 103.8

85 56.2 44.8 67.2

99 63.3 52.1 78.1

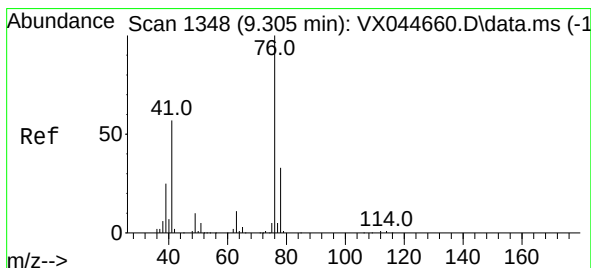
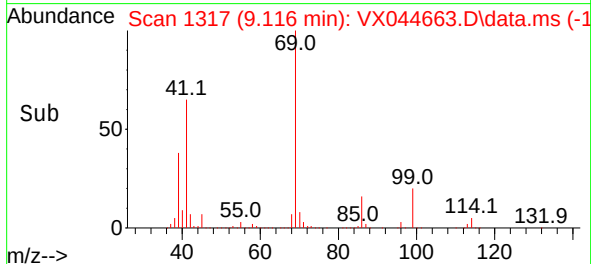
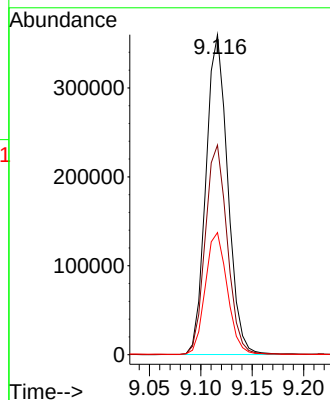
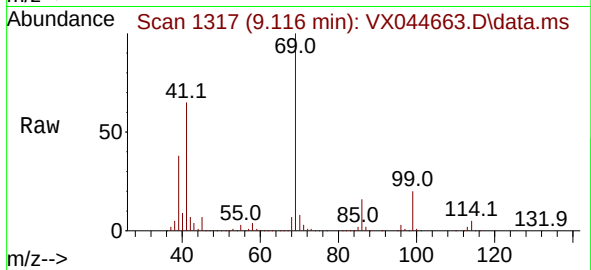




#51
Ethyl methacrylate
Concen: 136.772 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

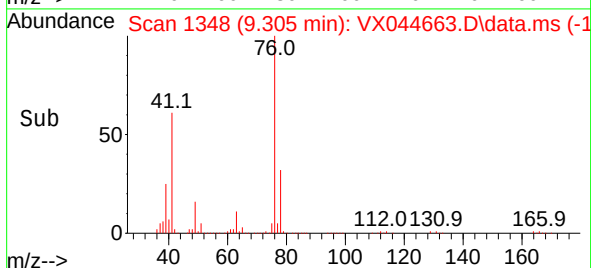
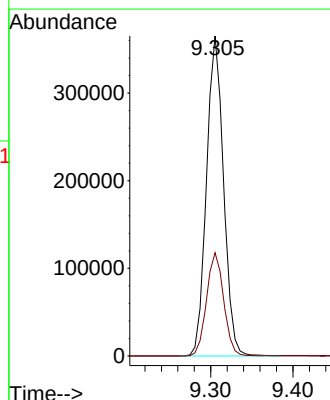
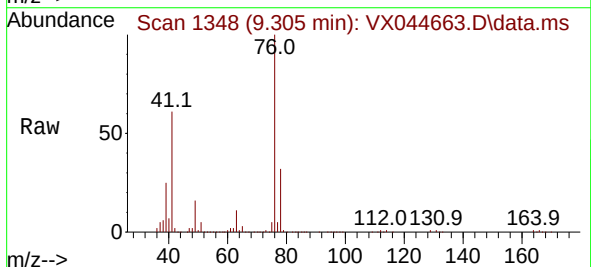
Instrument :
MSVOA_X
ClientSampleId :

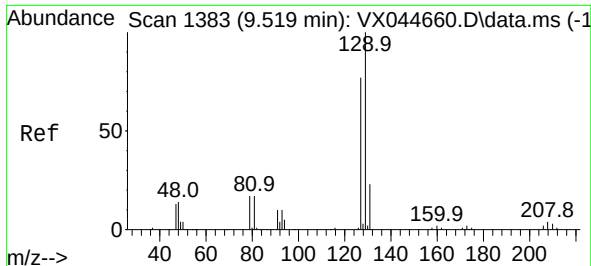
Tgt Ion: 69 Resp: 531002
Ion Ratio Lower Upper
69 100
41 65.4 32.0 96.0
39 38.1 18.6 55.6



#52
1,3-Dichloropropane
Concen: 136.132 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

Tgt Ion: 76 Resp: 526192
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.0





#53

Dibromochloromethane

Concen: 135.007 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

Instrument :

MSVOA_X

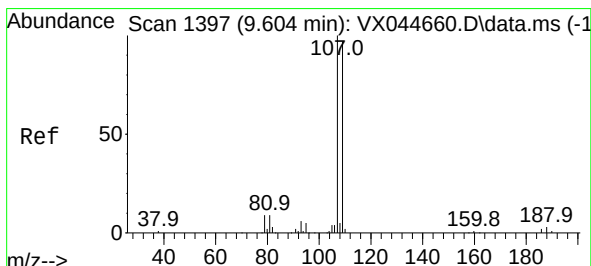
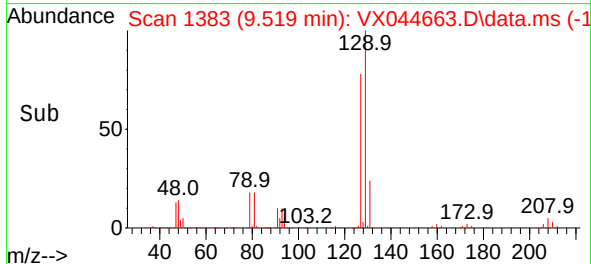
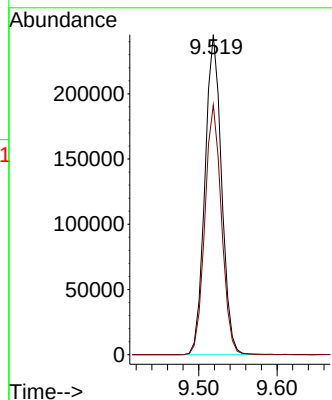
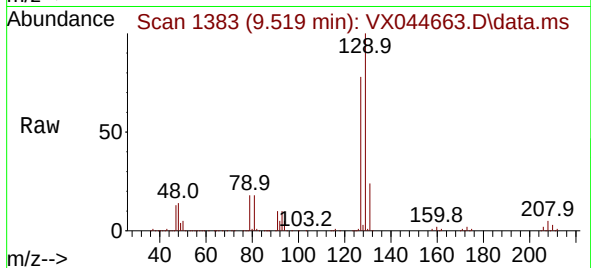
ClientSampleId :

Tgt Ion:129 Resp: 360540

Ion Ratio Lower Upper

129 100

127 78.0 37.8 113.4



#54

1,2-Dibromoethane

Concen: 135.590 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VX044663.D

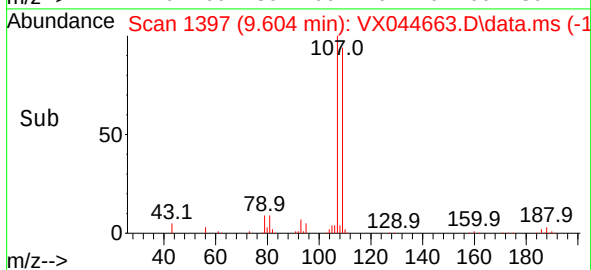
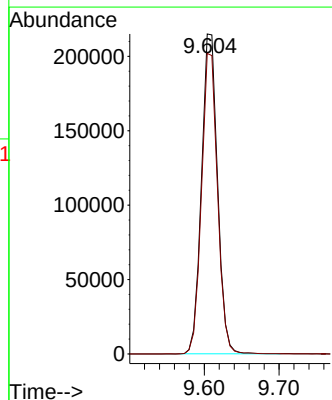
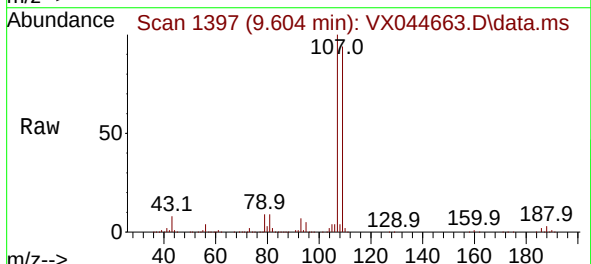
Acq: 16 Jan 2025 10:12

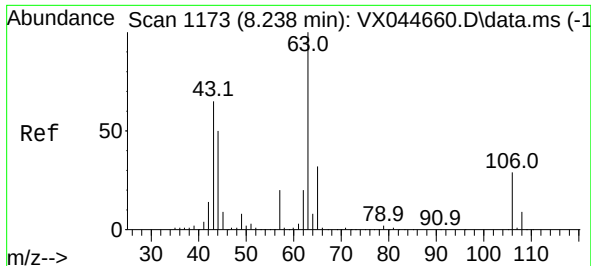
Tgt Ion:107 Resp: 320334

Ion Ratio Lower Upper

107 100

109 93.6 75.5 113.3





#55

2-Chloroethyl vinyl ether

Concen: 676.879 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

Instrument :

MSVOA_X

ClientSampleId :

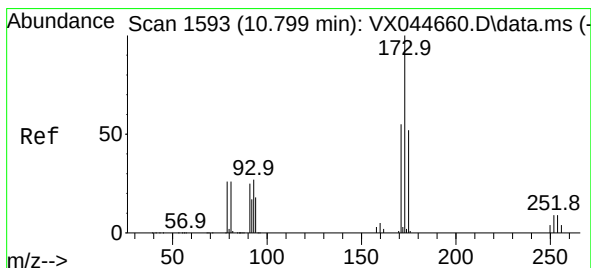
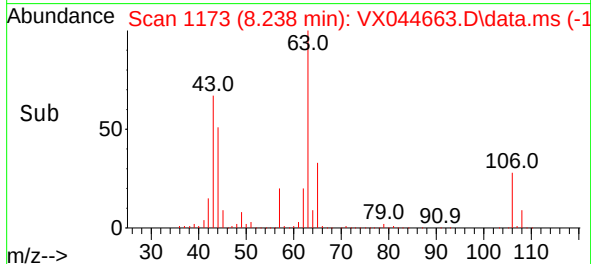
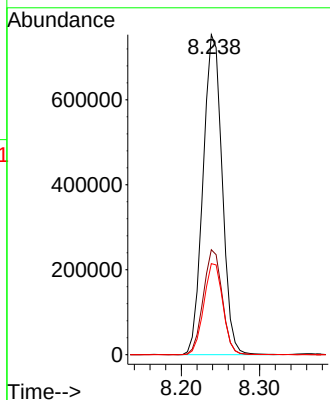
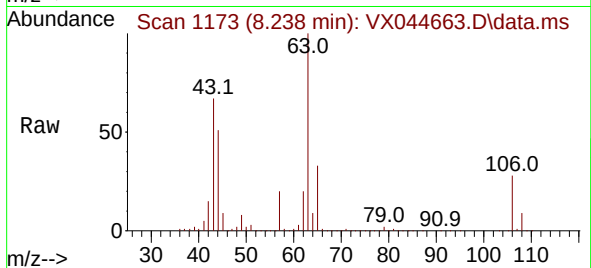
Tgt Ion: 63 Resp: 1273435

Ion Ratio Lower Upper

63 100

65 32.5 25.8 38.6

106 28.5 23.1 34.7



#56

Bromoform

Concen: 136.568 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

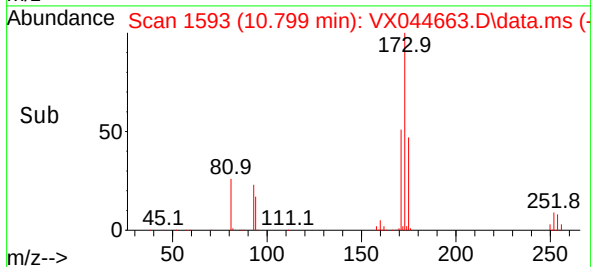
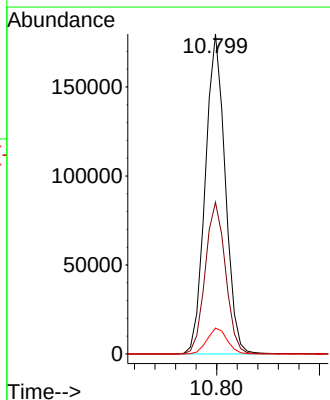
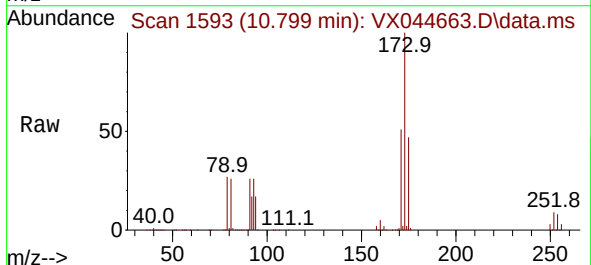
Tgt Ion:173 Resp: 241837

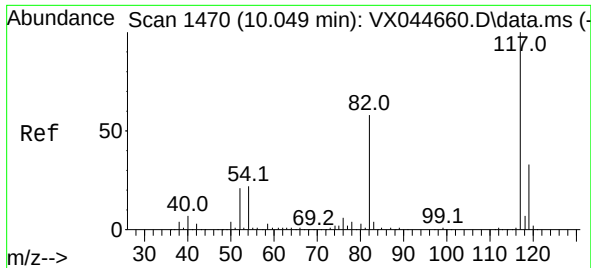
Ion Ratio Lower Upper

173 100

175 48.3 39.0 58.6

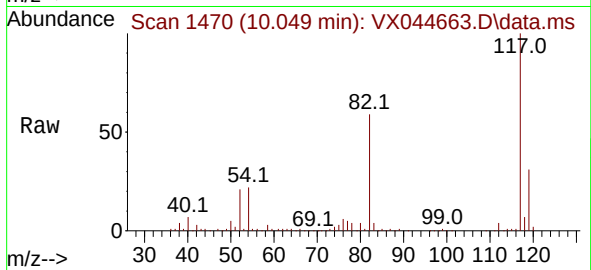
254 8.2 6.5 9.7



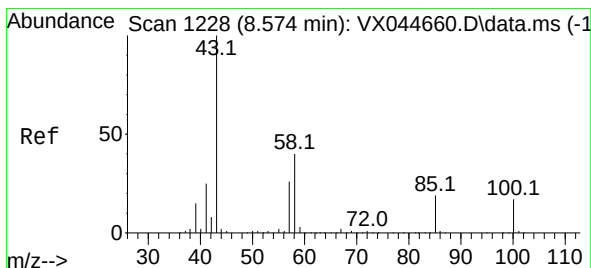
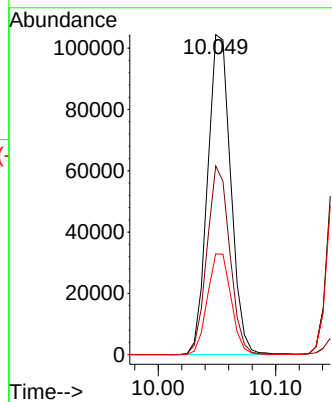
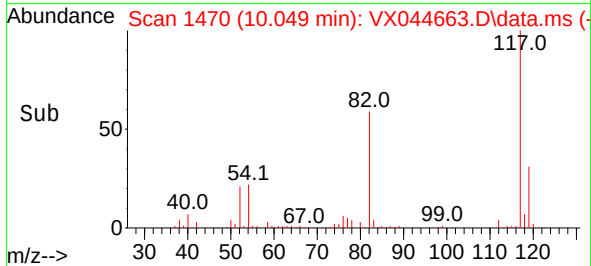


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

Instrument :
MSVOA_X
ClientSampleId :

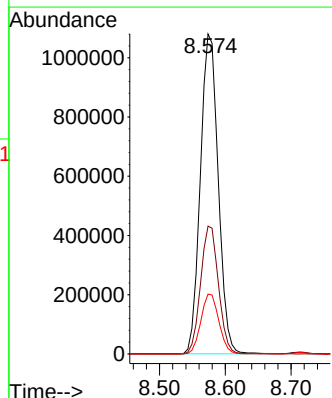
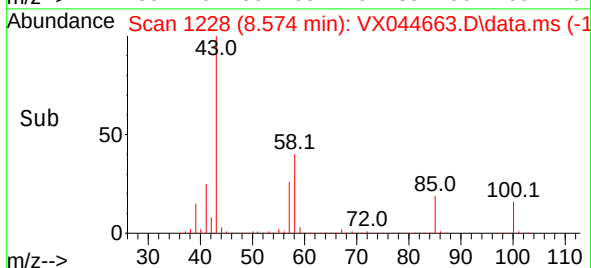
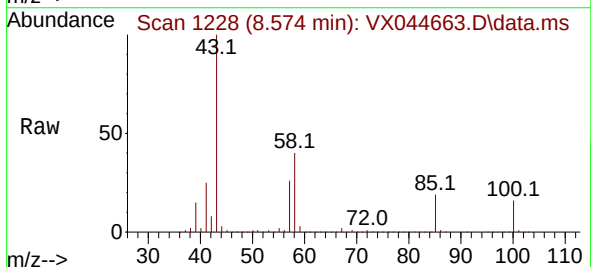


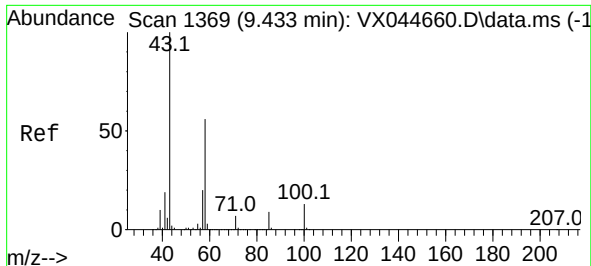
Tgt Ion:117 Resp: 142579
Ion Ratio Lower Upper
117 100
82 58.0 45.8 68.6
119 32.2 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 678.112 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

Tgt Ion: 43 Resp: 2037971
Ion Ratio Lower Upper
43 100
58 39.9 31.7 47.5
85 18.8 15.0 22.6





#59

2-Hexanone

Concen: 675.525 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

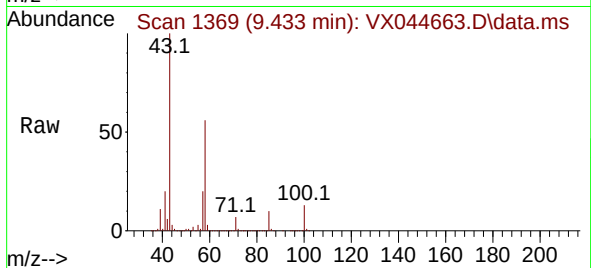
Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

Instrument :

MSVOA_X

ClientSampleId :



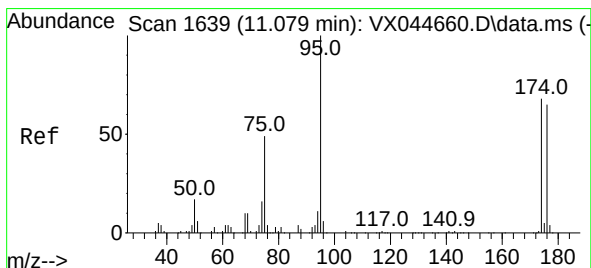
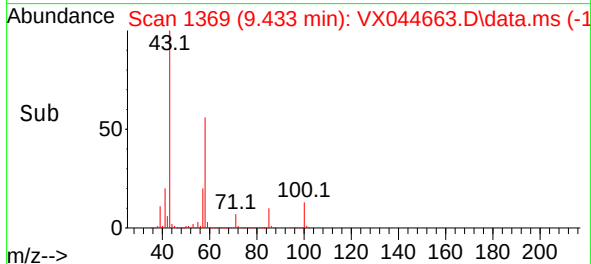
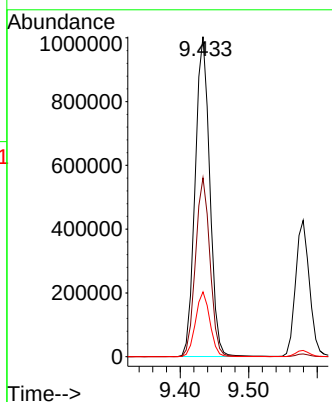
Tgt Ion: 43 Resp: 1486312

Ion Ratio Lower Upper

43 100

58 55.4 44.4 66.6

57 19.9 15.5 23.3



#60

4-Bromofluorobenzene

Concen: 29.982 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

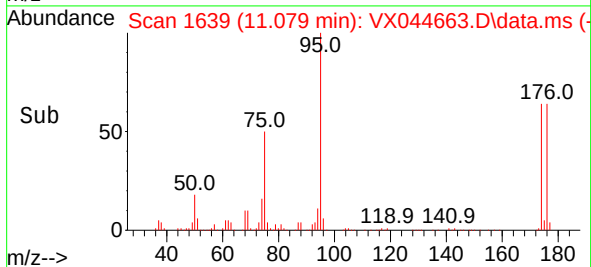
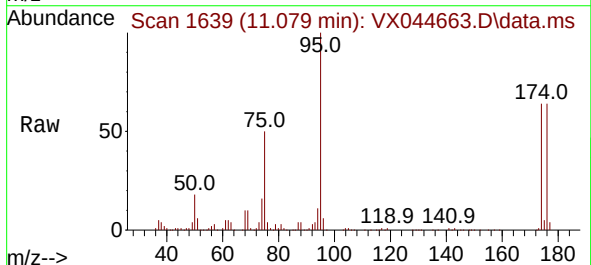
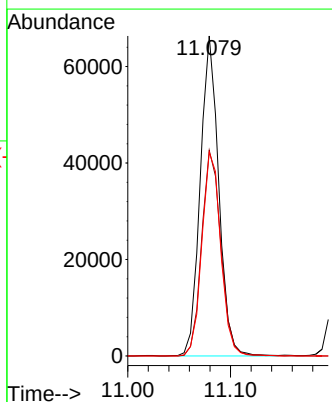
Tgt Ion: 95 Resp: 83031

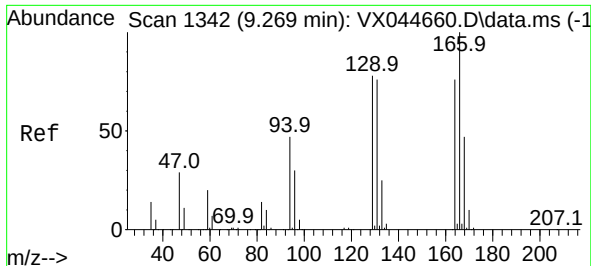
Ion Ratio Lower Upper

95 100

174 66.7 54.6 81.8

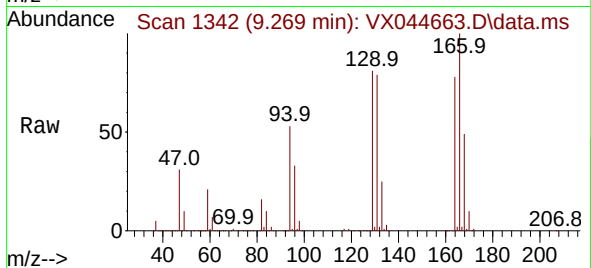
176 65.0 52.8 79.2



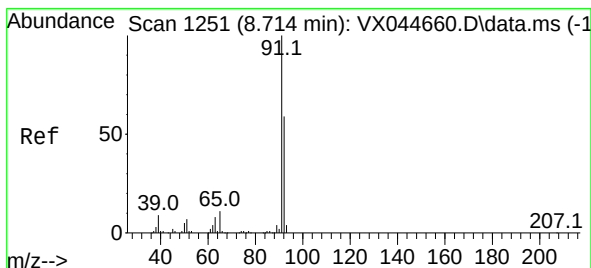
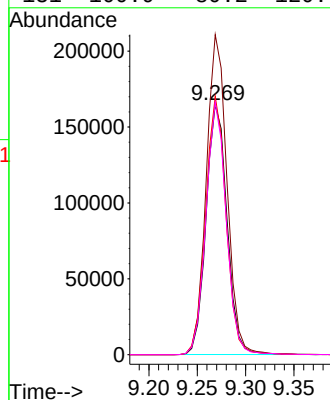
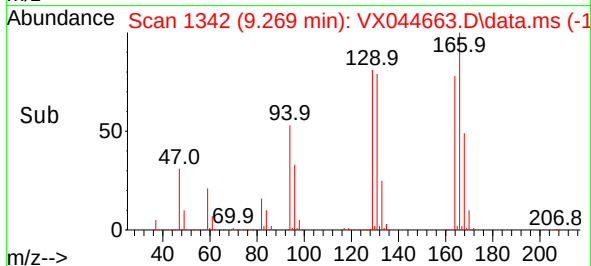


#61
Tetrachloroethene
Concen: 144.876 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

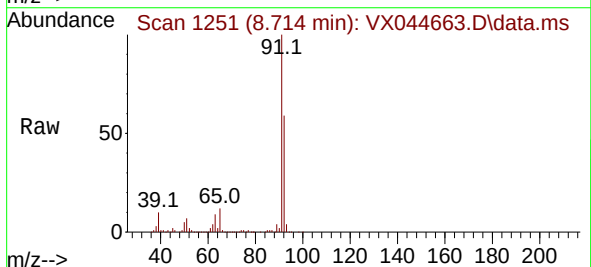
Instrument :
MSVOA_X
ClientSampleId :



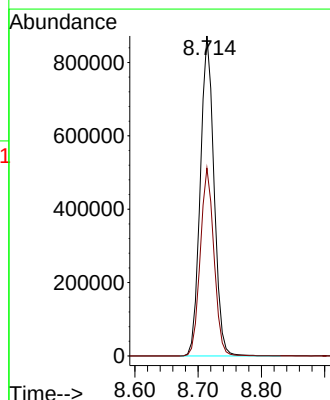
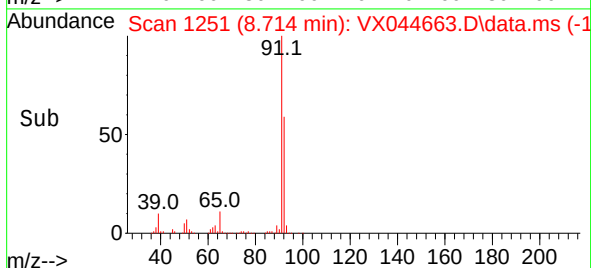
Tgt Ion:164 Resp: 247777
Ion Ratio Lower Upper
164 100
166 128.1 105.6 158.4
129 103.3 82.8 124.2
131 100.9 80.2 120.4

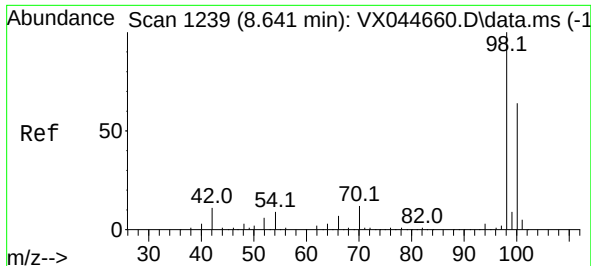


#62
Toluene
Concen: 140.491 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12



Tgt Ion: 91 Resp: 1318975
Ion Ratio Lower Upper
91 100
92 58.6 47.3 70.9





#63

Toluene-d8

Concen: 29.588 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

Instrument :

MSVOA_X

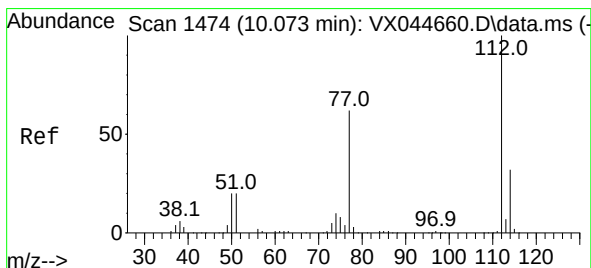
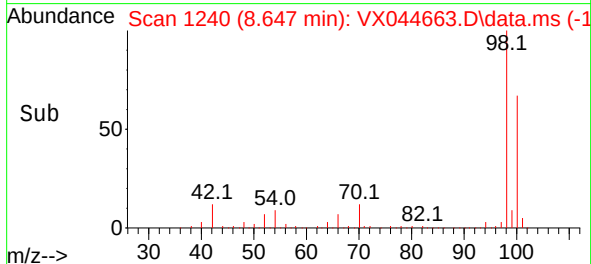
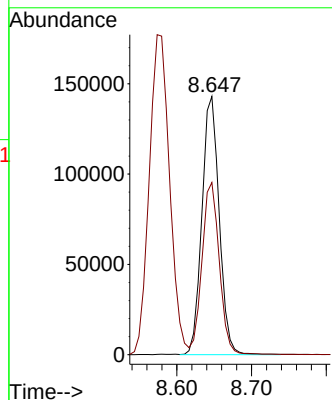
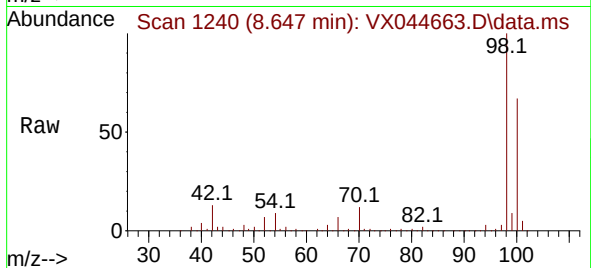
ClientSampleId :

Tgt Ion: 98 Resp: 229453

Ion Ratio Lower Upper

98 100

100 66.6 53.6 80.4



#64

Chlorobenzene

Concen: 141.439 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VX044663.D

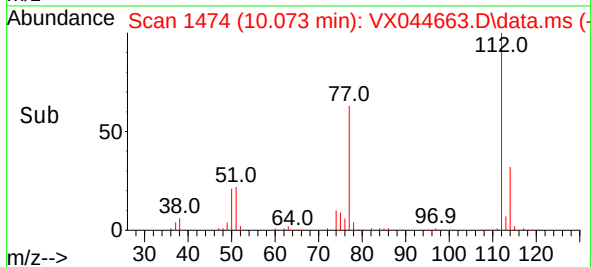
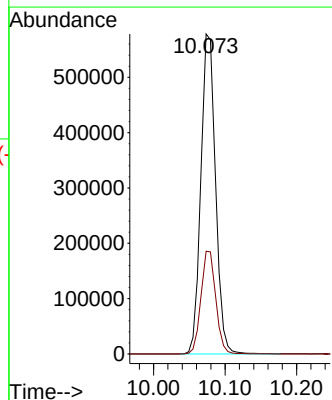
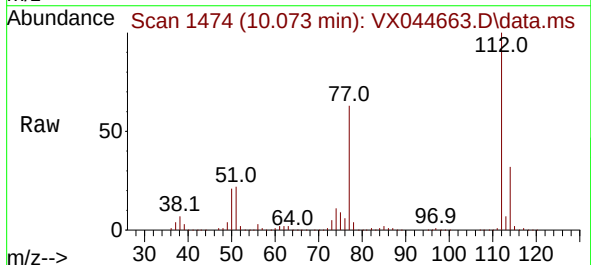
Acq: 16 Jan 2025 10:12

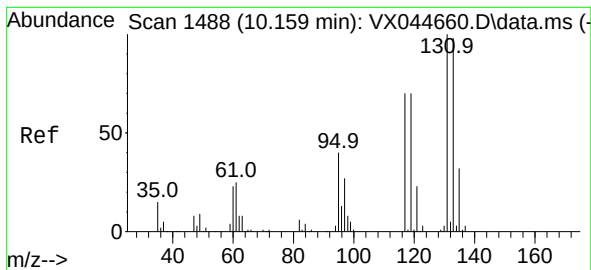
Tgt Ion:112 Resp: 824684

Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3

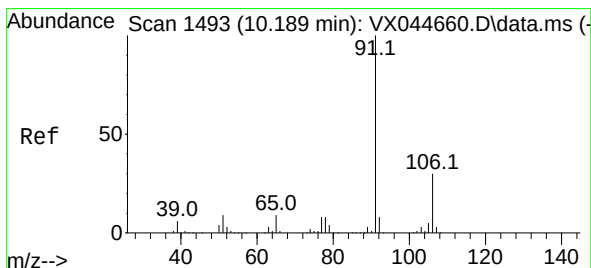
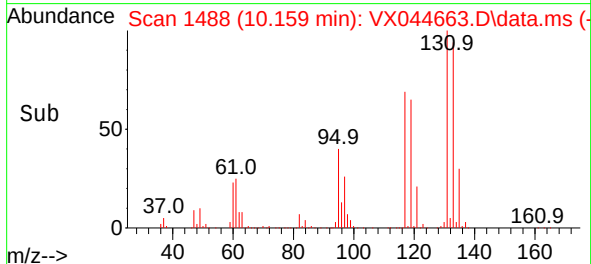
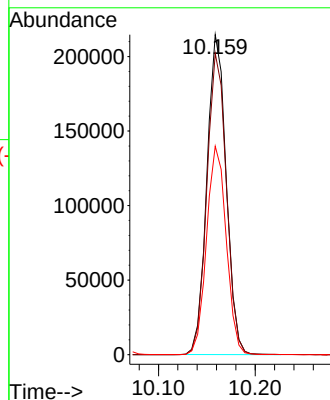
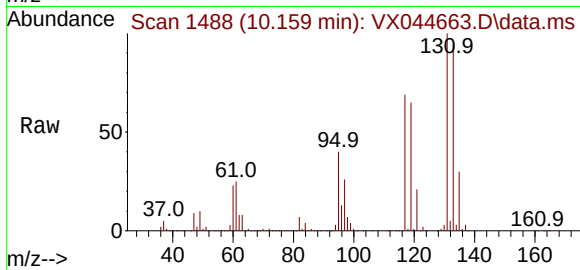




#65
1,1,1,2-Tetrachloroethane
Concen: 142.074 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

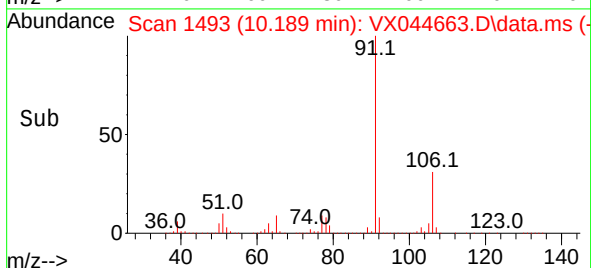
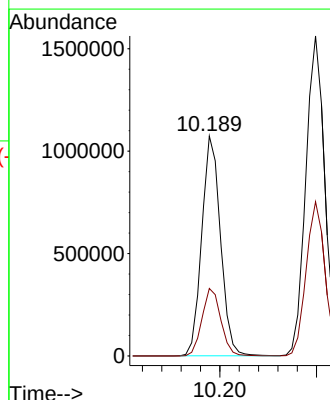
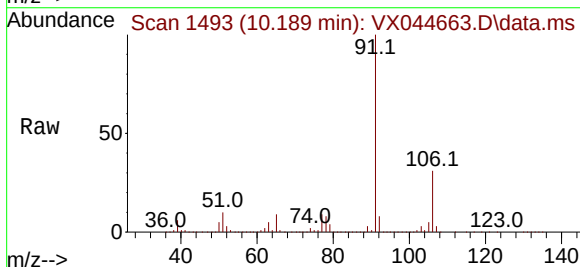
Instrument :
MSVOA_X
ClientSampleId :

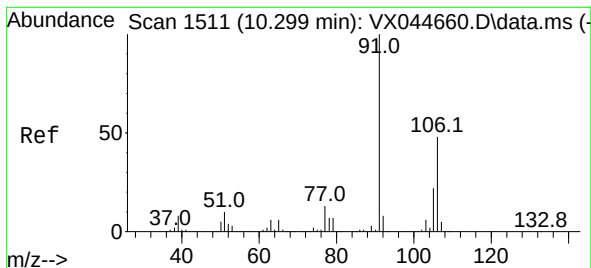
Tgt Ion:131 Resp: 297569
Ion Ratio Lower Upper
131 100
133 95.3 0.0 192.4
119 66.4 0.0 133.4



#66
Ethyl Benzene
Concen: 141.307 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

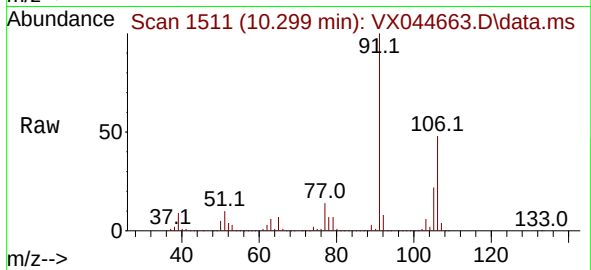
Tgt Ion: 91 Resp: 1447790
Ion Ratio Lower Upper
91 100
106 30.7 24.0 36.0



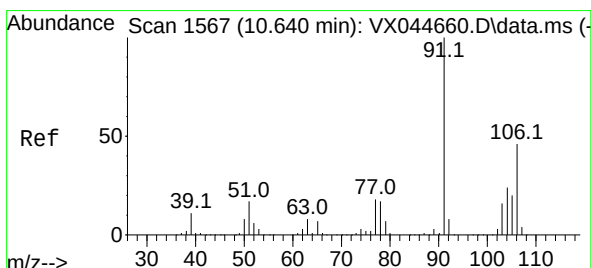
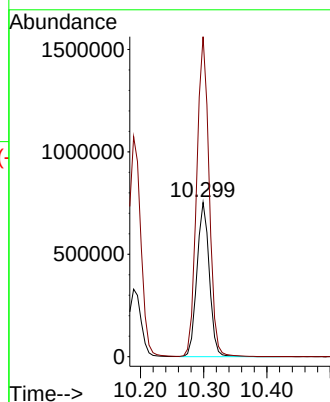
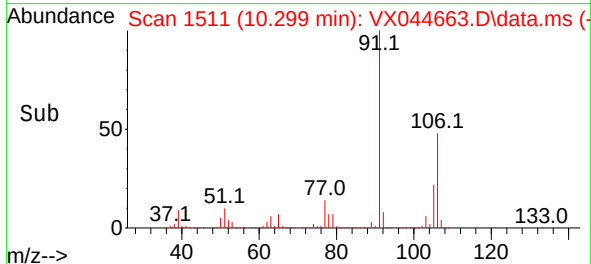


#67
m/p-Xylenes
Concen: 272.222 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

Instrument :
MSVOA_X
ClientSampleId :

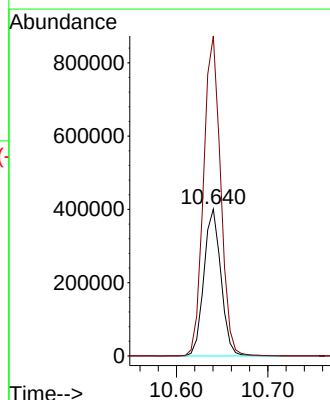
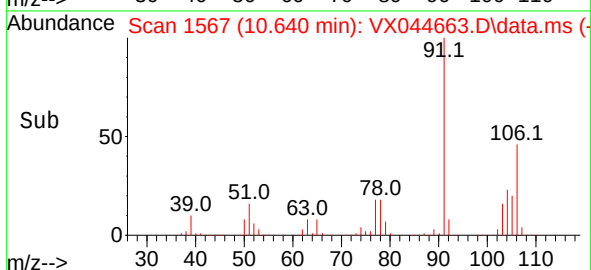
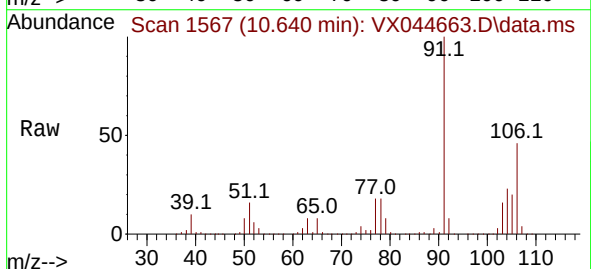


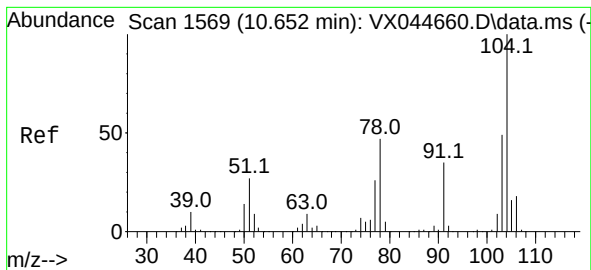
Tgt Ion:106 Resp: 1025226
Ion Ratio Lower Upper
106 100
91 208.1 166.8 250.2



#68
o-Xylene
Concen: 136.901 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

Tgt Ion:106 Resp: 517475
Ion Ratio Lower Upper
106 100
91 218.4 109.7 329.1

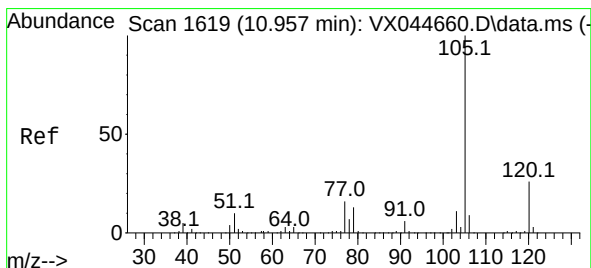
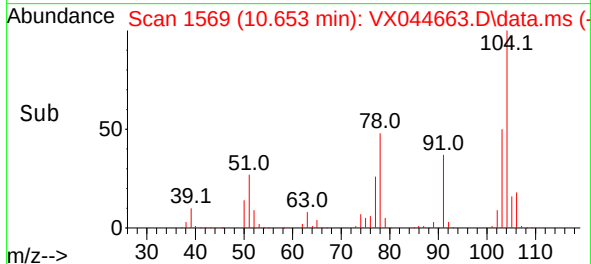
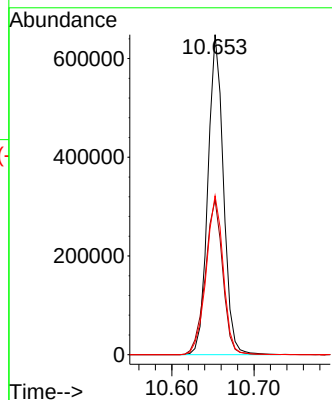
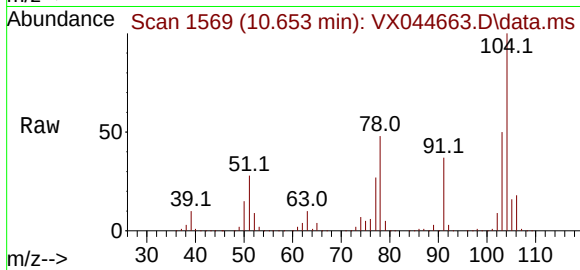




#69
Styrene
Concen: 137.409 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

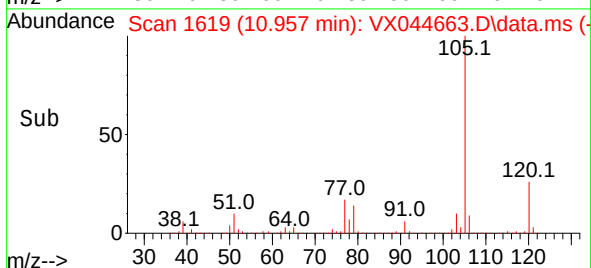
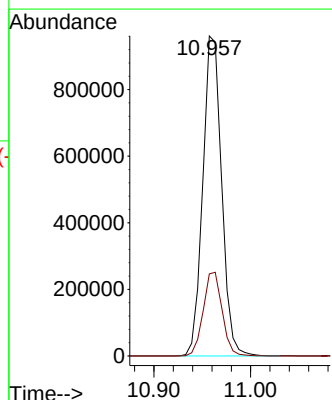
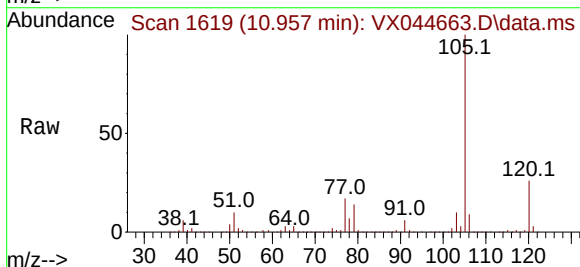
Instrument :
MSVOA_X
ClientSampleId :

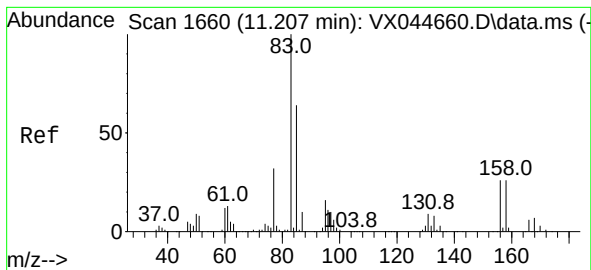
Tgt Ion:104 Resp: 852764
Ion Ratio Lower Upper
104 100
78 54.2 42.0 63.0
103 54.7 43.1 64.7



#70
Isopropylbenzene
Concen: 137.153 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

Tgt Ion:105 Resp: 1303283
Ion Ratio Lower Upper
105 100
120 26.2 18.6 34.6

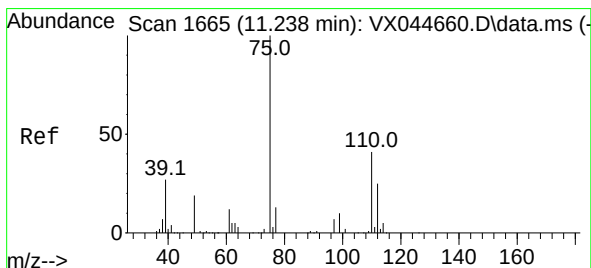
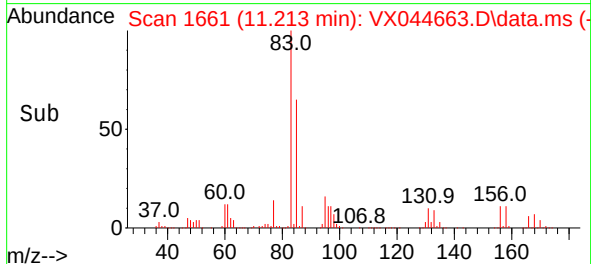
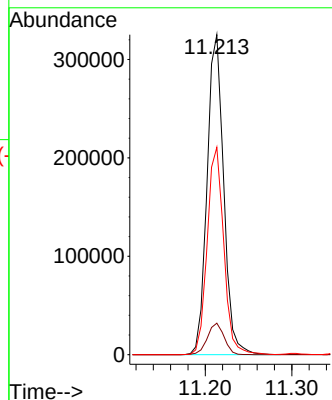
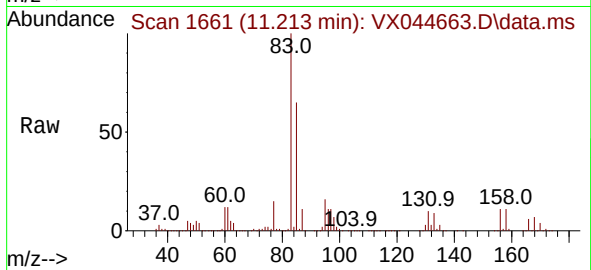




#71
1,1,2,2-Tetrachloroethane
Concen: 135.197 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

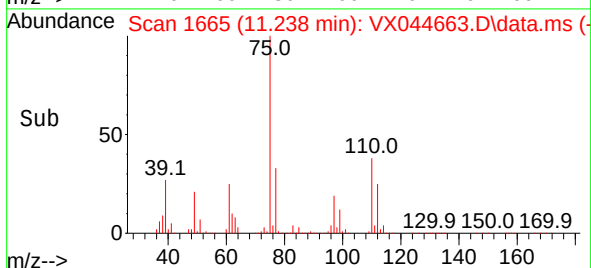
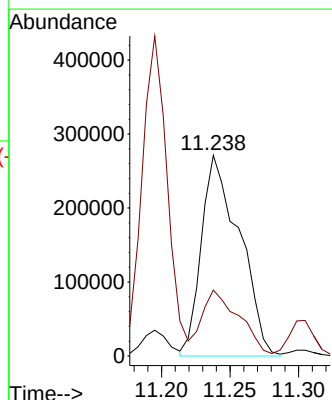
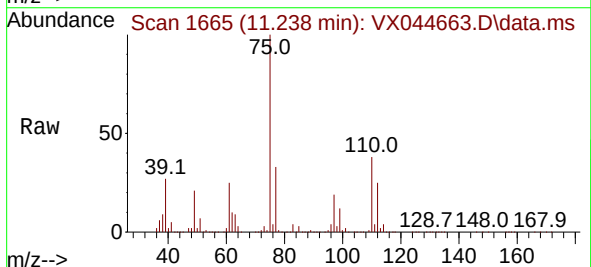
Instrument :
MSVOA_X
ClientSampleId :

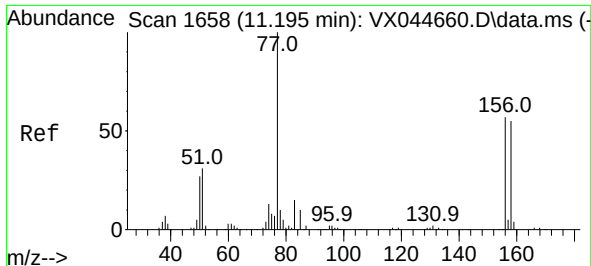
Tgt Ion: 83 Resp: 432603
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.6 33.0 99.0



#72
1,2,3-Trichloropropane
Concen: 195.226 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

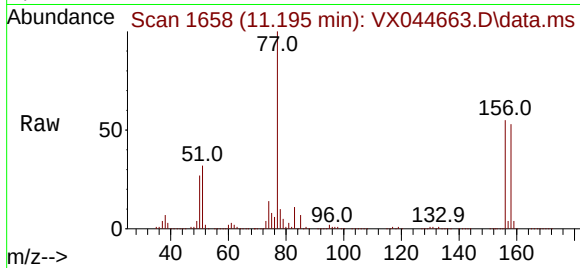
Tgt Ion: 75 Resp: 524665
Ion Ratio Lower Upper
75 100
77 32.1 0.0 83.0



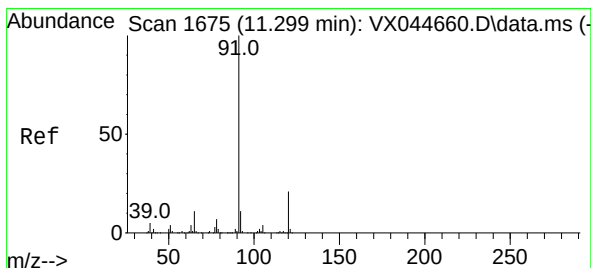
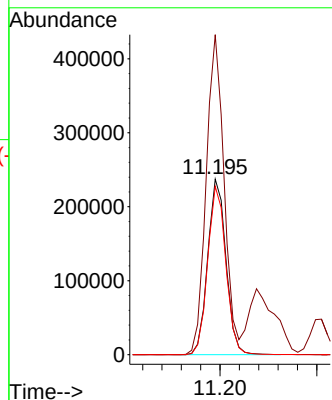
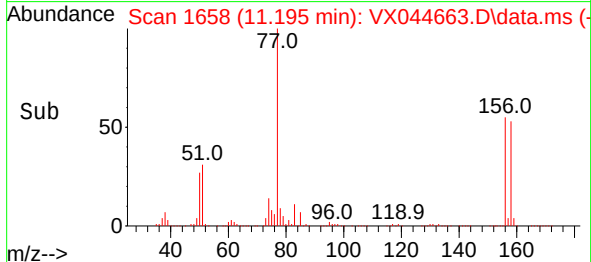


#73
Bromobenzene
Concen: 140.672 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

Instrument :
MSVOA_X
ClientSampleId :

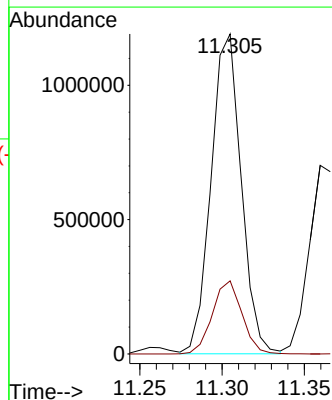
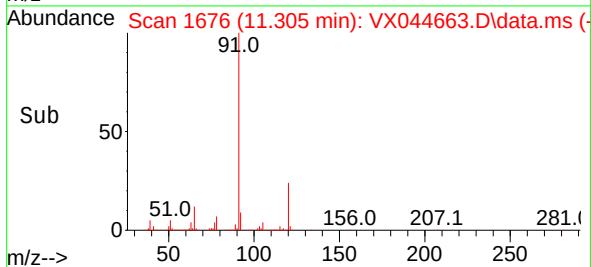
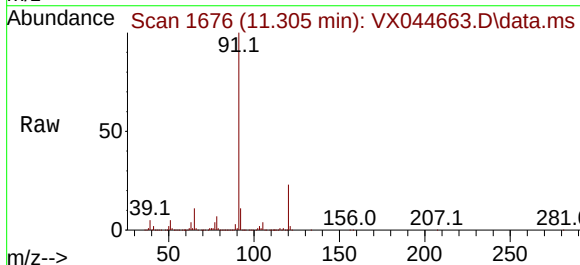


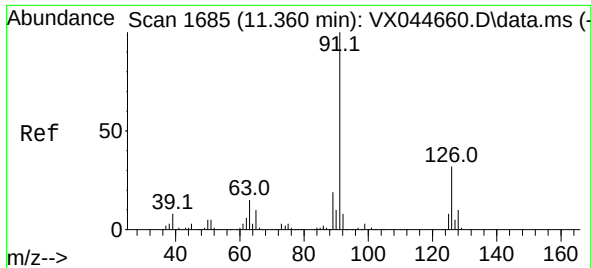
Tgt Ion:156 Resp: 311401
Ion Ratio Lower Upper
156 100
77 178.7 0.0 354.6
158 95.5 0.0 193.6



#74
n-propylbenzene
Concen: 140.333 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

Tgt Ion: 91 Resp: 1515701
Ion Ratio Lower Upper
91 100
120 22.5 0.0 45.0

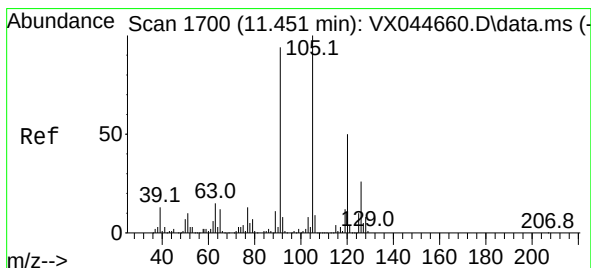
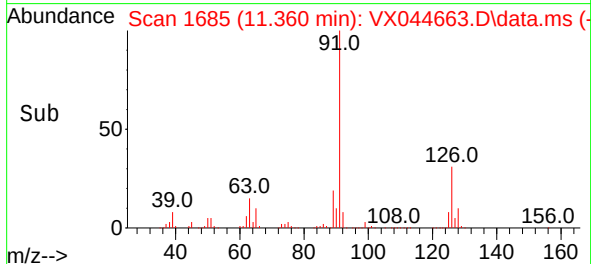
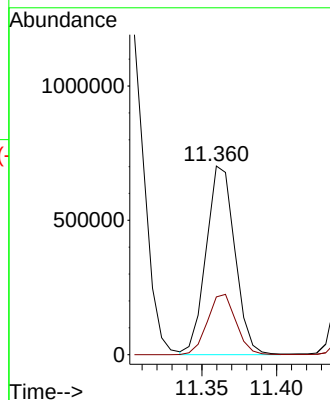
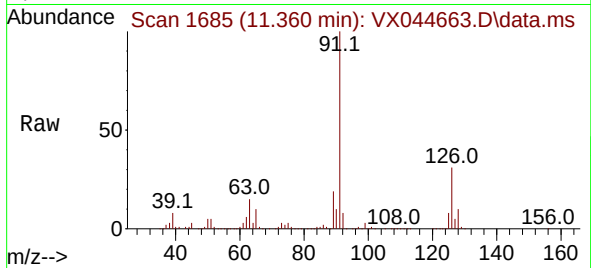




#75
2-Chlorotoluene
Concen: 138.367 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

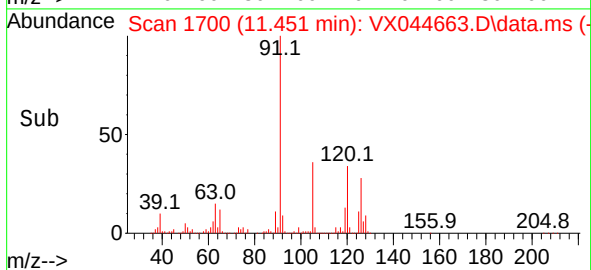
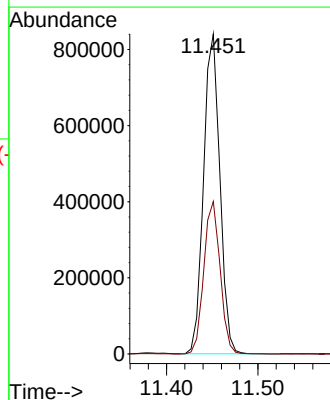
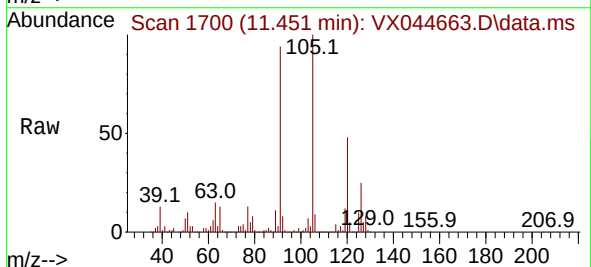
Instrument :
MSVOA_X
ClientSampleId :

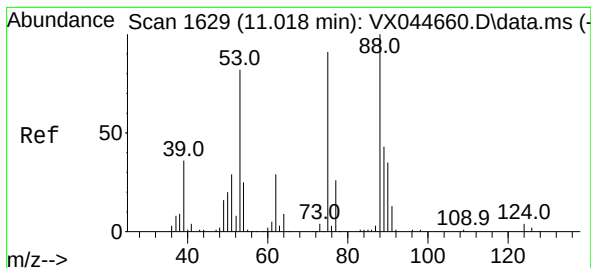
Tgt Ion: 91 Resp: 939369
Ion Ratio Lower Upper
91 100
126 31.7 0.0 64.0



#76
1,3,5-Trimethylbenzene
Concen: 134.557 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

Tgt Ion:105 Resp: 1038367
Ion Ratio Lower Upper
105 100
120 47.6 0.0 96.8

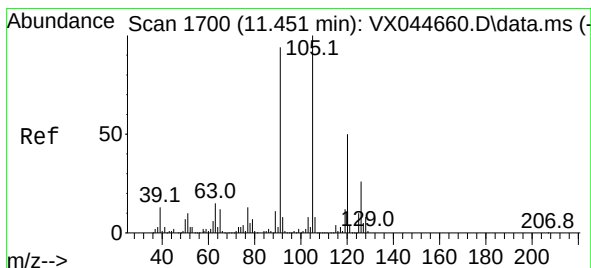
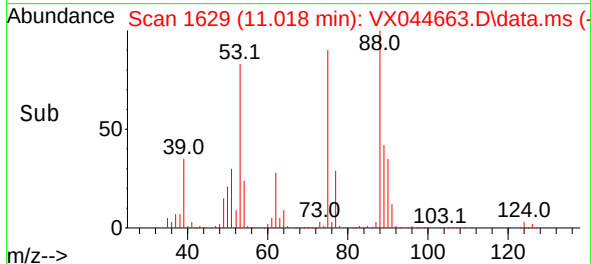
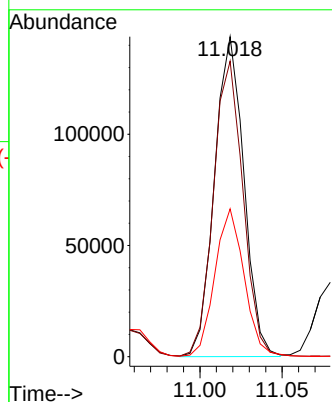
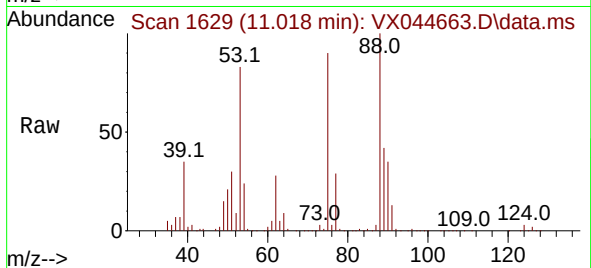




#77
t-1,4-Dichloro-2-butene
Concen: 140.770 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

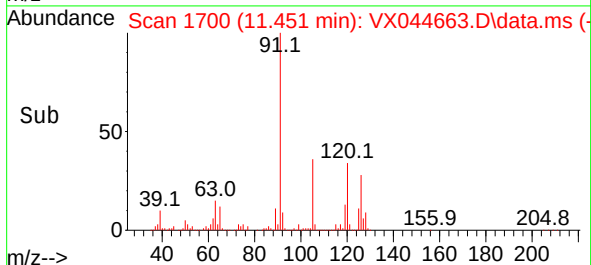
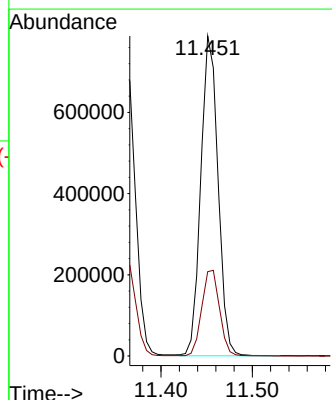
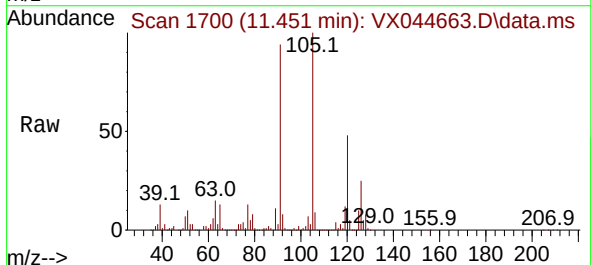
Instrument :
MSVOA_X
ClientSampleId :

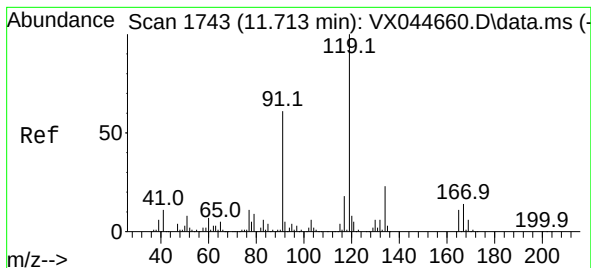
Tgt Ion: 75 Resp: 178978
Ion Ratio Lower Upper
75 100
53 92.3 45.3 135.9
89 46.2 23.8 71.2



#78
4-Chlorotoluene
Concen: 138.039 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

Tgt Ion: 91 Resp: 1032107
Ion Ratio Lower Upper
91 100
126 27.7 0.0 55.4





#79

tert-butylbenzene

Concen: 134.489 ug/l

RT: 11.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

Instrument :

MSVOA_X

ClientSampleId :

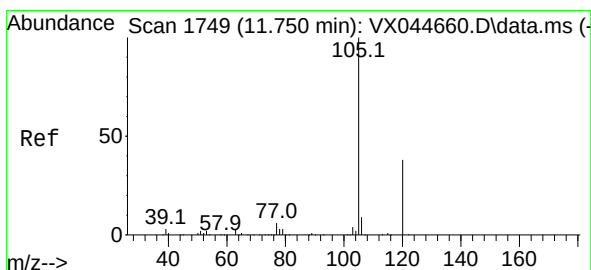
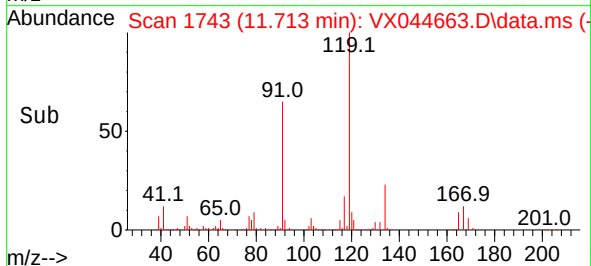
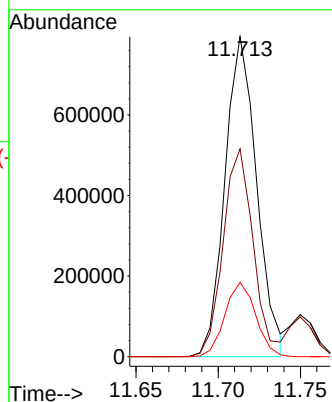
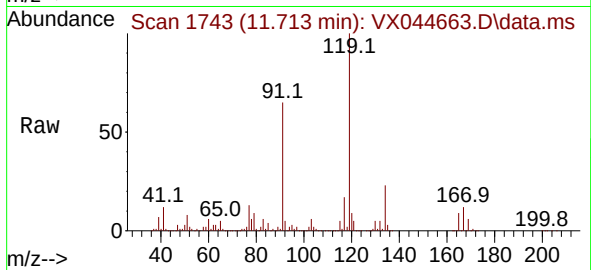
Tgt Ion:119 Resp: 1066193

Ion Ratio Lower Upper

119 100

91 61.8 0.0 119.0

134 22.6 0.0 44.8



#80

1,2,4-Trimethylbenzene

Concen: 136.597 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044663.D

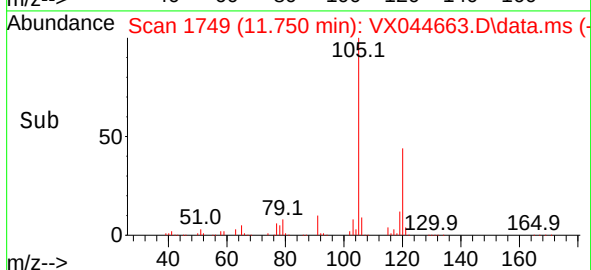
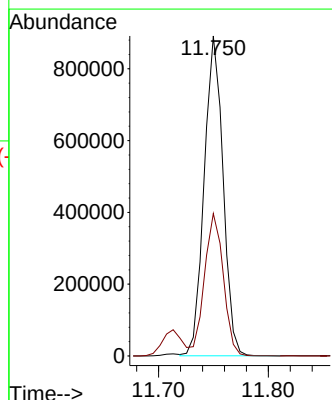
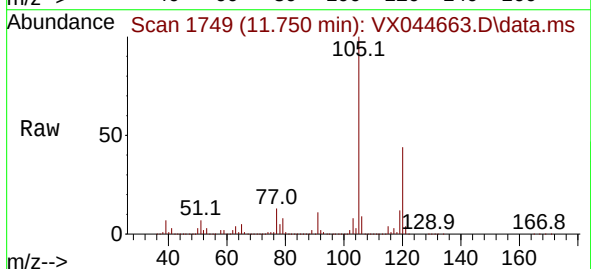
Acq: 16 Jan 2025 10:12

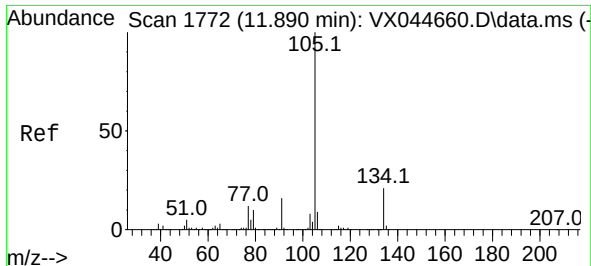
Tgt Ion:105 Resp: 1063526

Ion Ratio Lower Upper

105 100

120 44.7 0.0 88.4

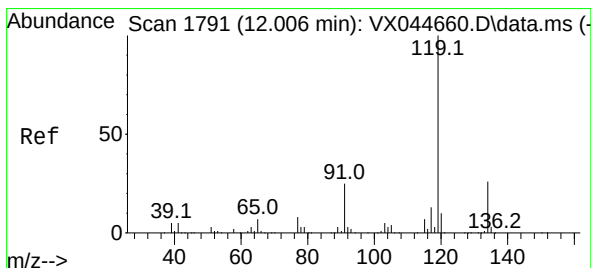
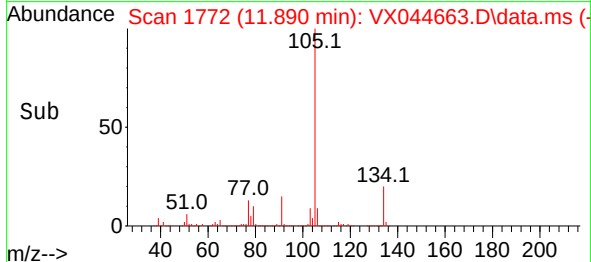
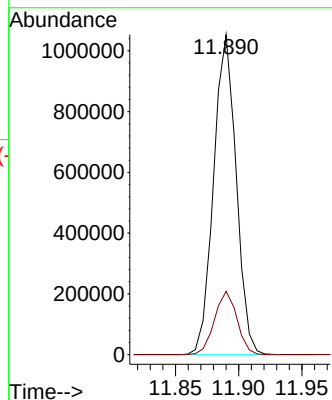
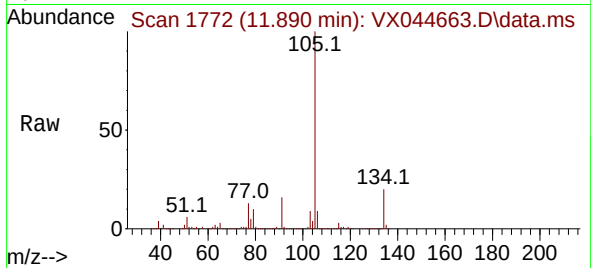




#81
 sec-Butylbenzene
 Concen: 137.776 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044663.D
 Acq: 16 Jan 2025 10:12

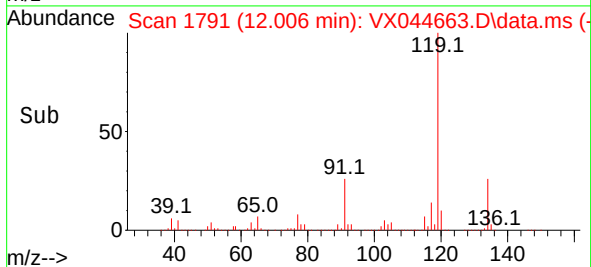
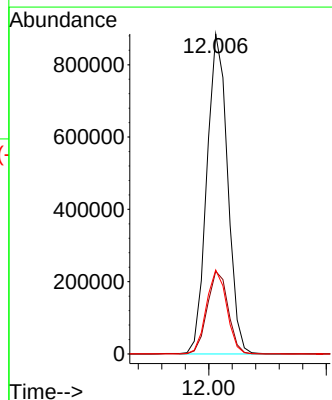
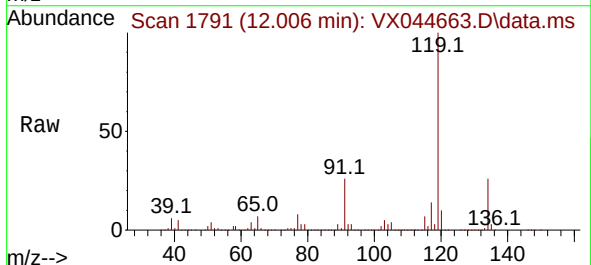
Instrument :
 MSVOA_X
 ClientSampleId :

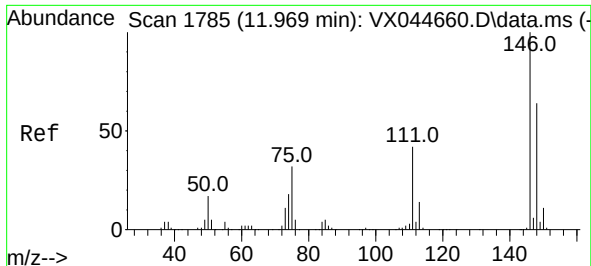
Tgt Ion:105 Resp: 1304251
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.6



#82
 p-Isopropyltoluene
 Concen: 139.117 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044663.D
 Acq: 16 Jan 2025 10:12

Tgt Ion:119 Resp: 1083858
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.2
 91 25.7 0.0 50.2





#83

1,3-Dichlorobenzene

Concen: 143.062 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

Instrument :

MSVOA_X

ClientSampleId :

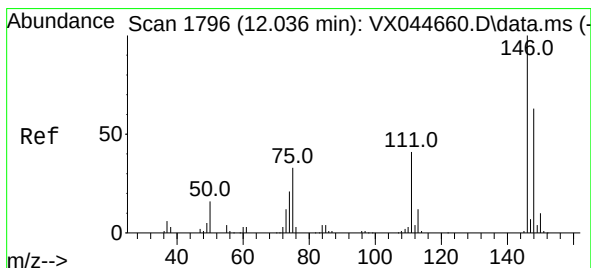
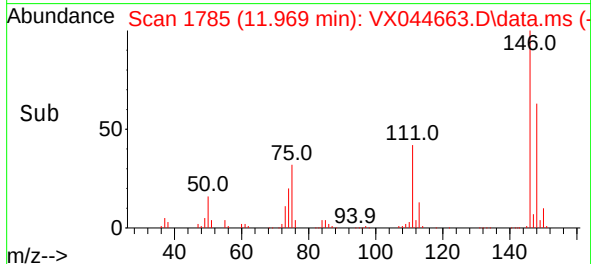
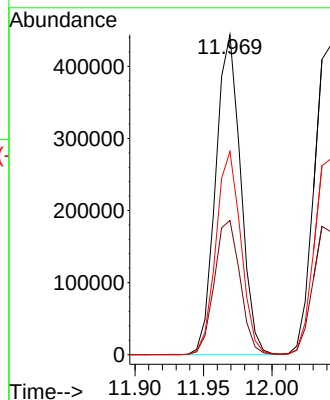
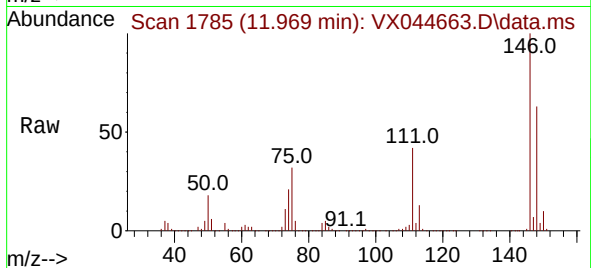
Tgt Ion:146 Resp: 562506

Ion Ratio Lower Upper

146 100

111 43.2 21.6 64.6

148 63.4 31.6 94.7



#84

1,4-Dichlorobenzene

Concen: 143.387 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

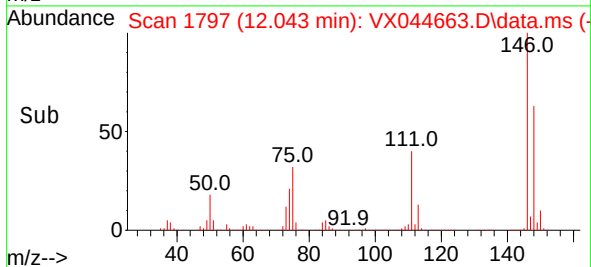
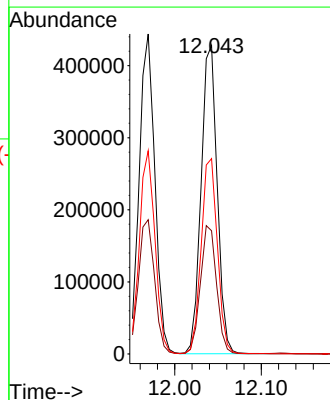
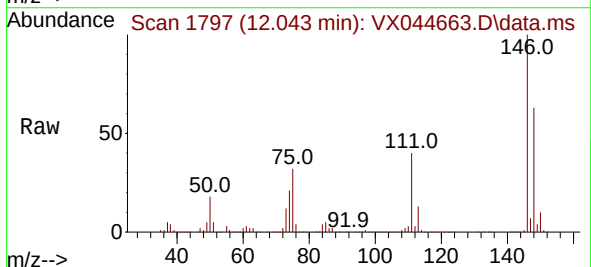
Tgt Ion:146 Resp: 552693

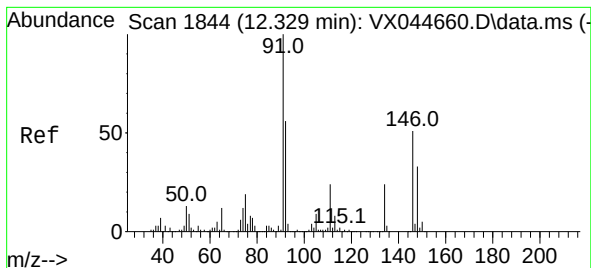
Ion Ratio Lower Upper

146 100

111 41.6 20.8 62.5

148 64.0 32.1 96.5





#85

n-Butylbenzene

Concen: 145.585 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

Instrument :

MSVOA_X

ClientSampleId :

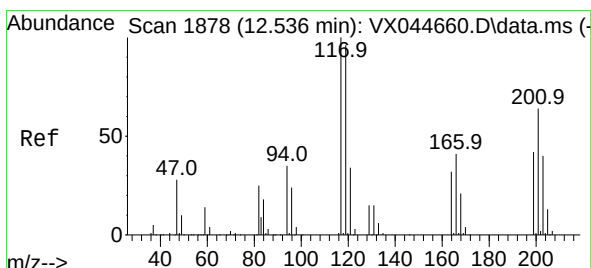
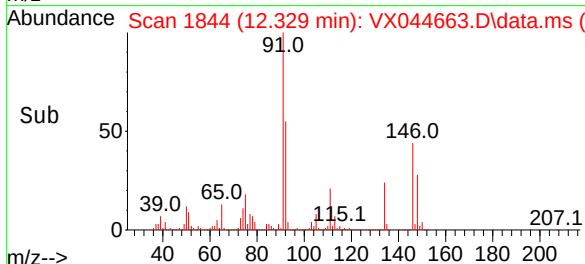
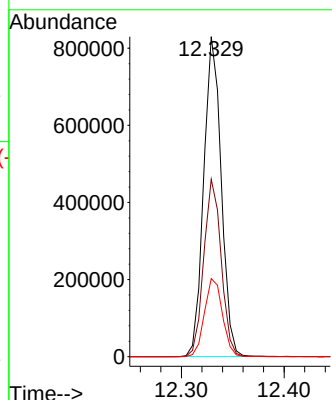
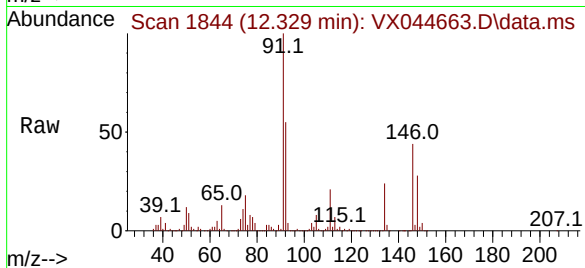
Tgt Ion: 91 Resp: 983220

Ion Ratio Lower Upper

91 100

92 55.2 0.0 109.4

134 25.1 0.0 49.2



#86

Hexachloroethane

Concen: 139.374 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX044663.D

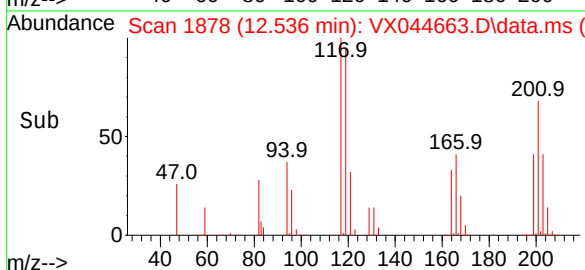
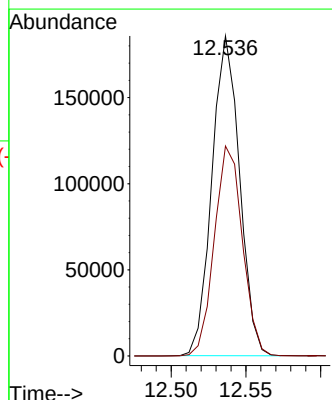
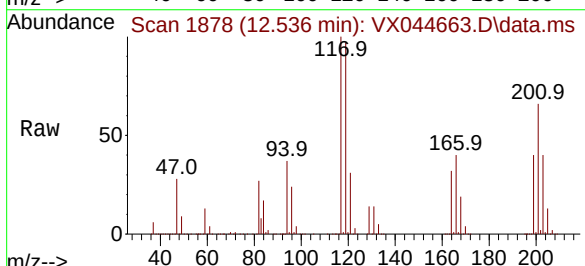
Acq: 16 Jan 2025 10:12

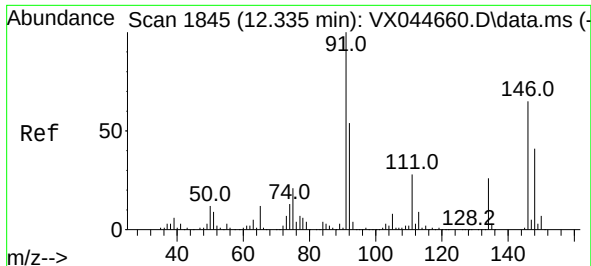
Tgt Ion: 117 Resp: 238874

Ion Ratio Lower Upper

117 100

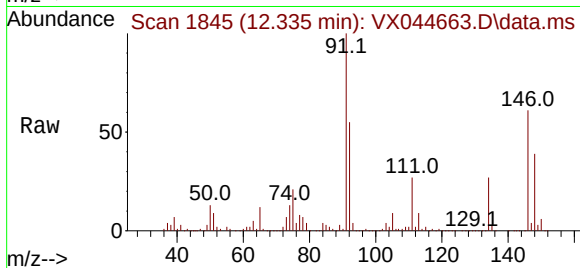
201 66.5 33.0 98.9



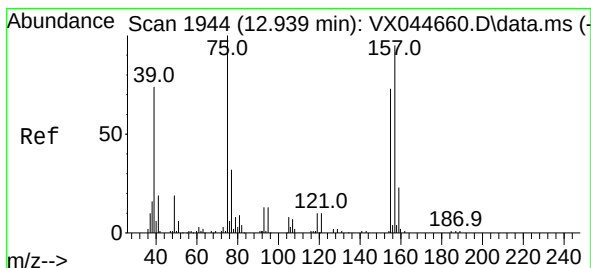
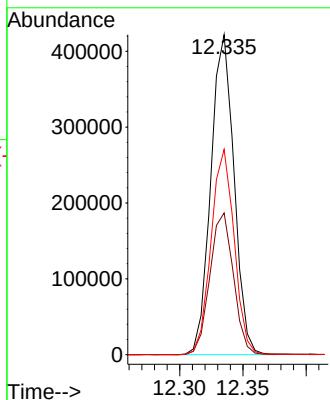
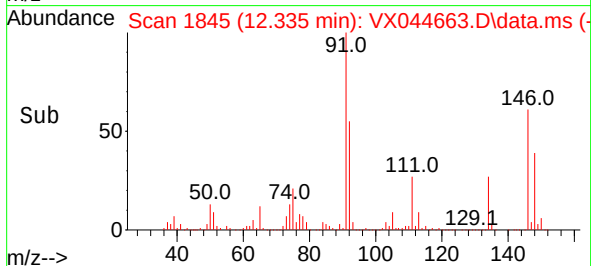


#87
 1,2-Dichlorobenzene
 Concen: 136.879 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX044663.D
 Acq: 16 Jan 2025 10:12

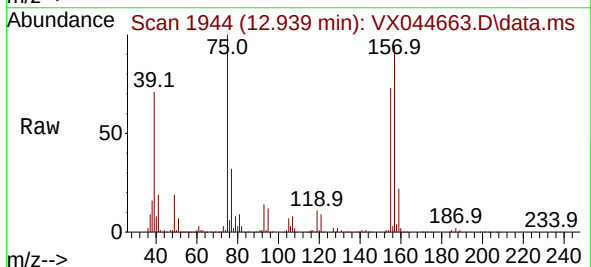
Instrument :
 MSVOA_X
 ClientSampleId :



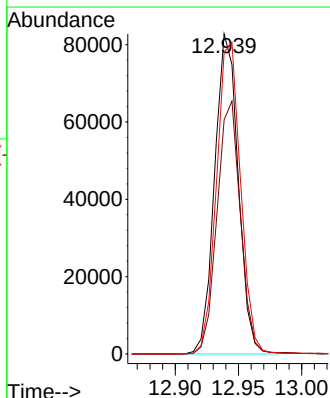
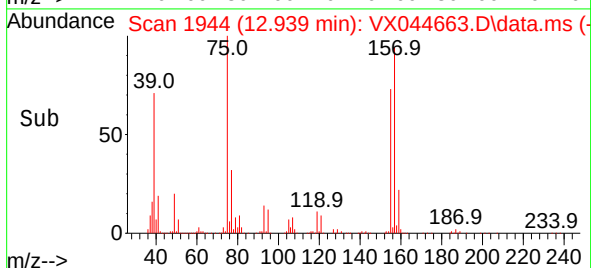
Tgt Ion:146 Resp: 537434
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.2 66.6
 148 64.0 32.1 96.3

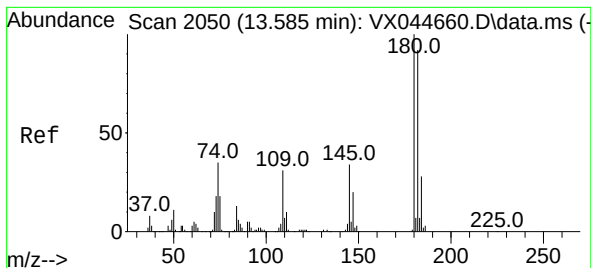


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 138.929 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX044663.D
 Acq: 16 Jan 2025 10:12



Tgt Ion: 75 Resp: 106892
 Ion Ratio Lower Upper
 75 100
 155 78.6 62.3 93.5
 157 99.9 79.9 119.9





#89

1,2,4-Trichlorobenzene

Concen: 153.630 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

Instrument :

MSVOA_X

ClientSampleId :

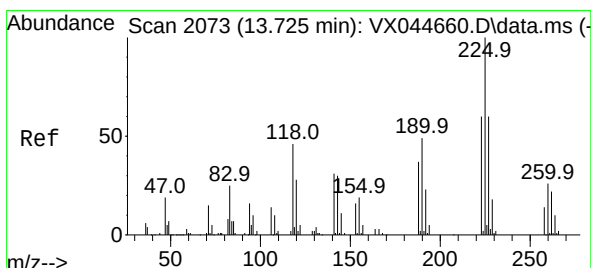
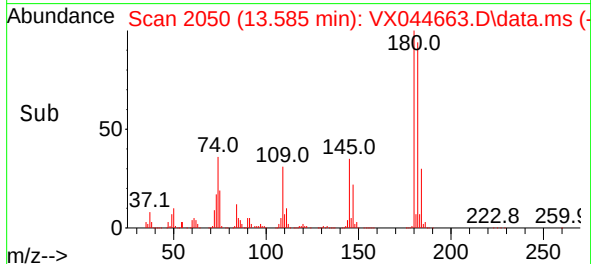
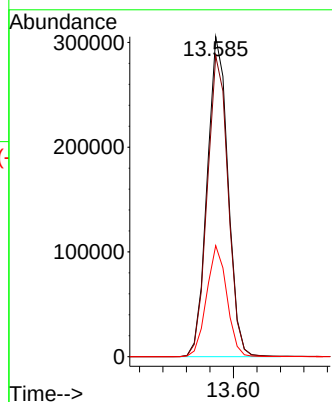
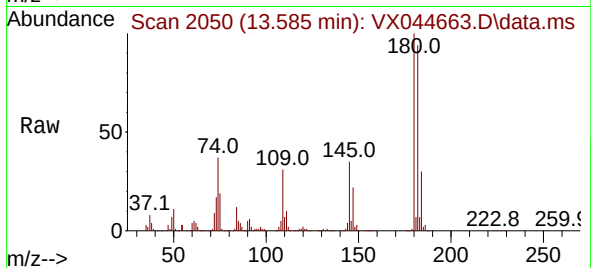
Tgt Ion:180 Resp: 374862

Ion Ratio Lower Upper

180 100

182 94.1 75.6 113.4

145 33.6 26.6 40.0



#90

Hexachlorobutadiene

Concen: 146.704 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX044663.D

Acq: 16 Jan 2025 10:12

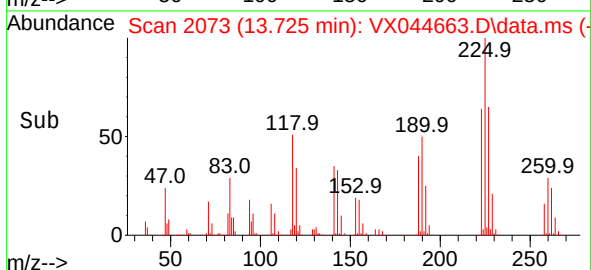
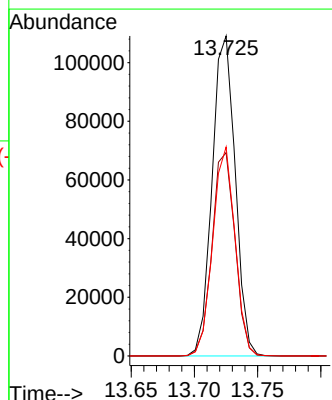
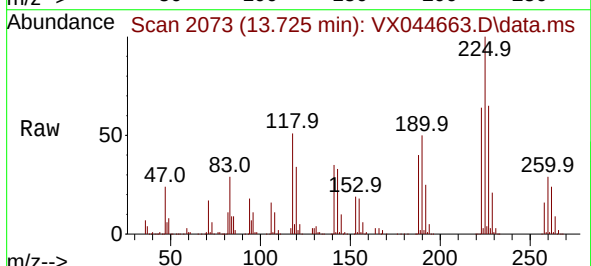
Tgt Ion:225 Resp: 138461

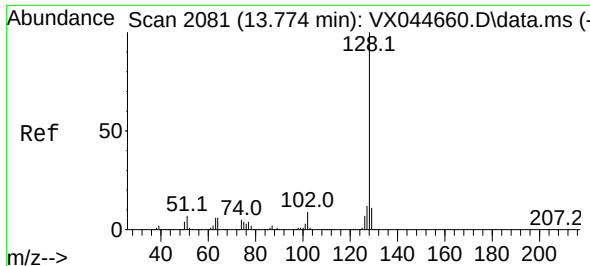
Ion Ratio Lower Upper

225 100

223 63.3 0.0 123.0

227 63.1 0.0 124.2

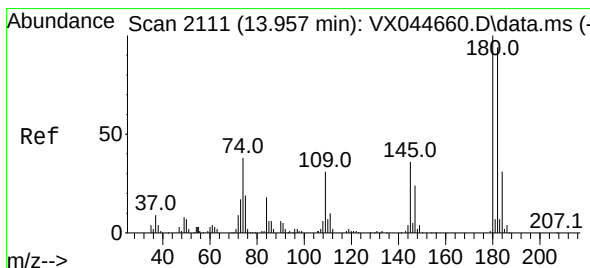
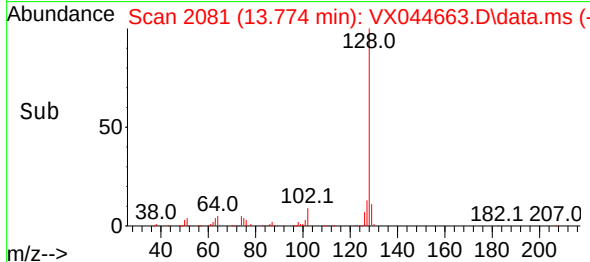
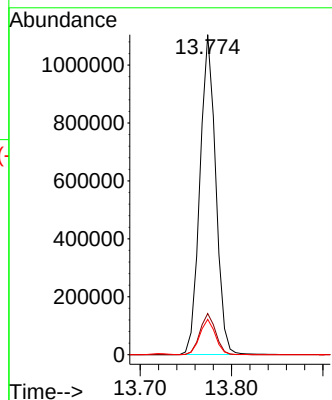
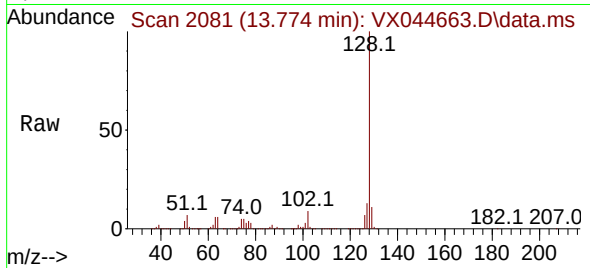




#91
Naphthalene
Concen: 144.994 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 1323609
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 9.0 13.6



#92
1,2,3-Trichlorobenzene
Concen: 149.840 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044663.D
Acq: 16 Jan 2025 10:12

Tgt Ion:180 Resp: 371865
Ion Ratio Lower Upper
180 100
182 93.7 0.0 187.8
145 36.0 0.0 69.8

