

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044221.D
 Acq On : 11 Dec 2024 11:50
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 12 04:14:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:11:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	134436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	254199	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98180	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	41821	17.743	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	35.480%#
35) Dibromofluoromethane	5.391	113	30304	17.213	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	34.420%#
50) Toluene-d8	8.647	98	102660	17.284	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	34.560%#
62) 4-Bromofluorobenzene	11.079	95	35645	17.175	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	34.340%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	38748	18.640	ug/l	90
3) Chloromethane	1.294	50	39546	19.894	ug/l	100
4) Vinyl Chloride	1.374	62	42048	20.304	ug/l	97
5) Bromomethane	1.593	94	27604	18.789	ug/l	94
6) Chloroethane	1.666	64	27673	21.460	ug/l	94
7) Trichlorofluoromethane	1.867	101	81398	20.077	ug/l	99
8) Diethyl Ether	2.136	74	25884	18.704	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	31846	19.412	ug/l	99
10) Methyl Iodide	2.441	142	42786	19.788	ug/l	99
11) Tert butyl alcohol	3.001	59	32189	97.050	ug/l	99
12) 1,1-Dichloroethene	2.306	96	29241	19.405	ug/l	92
13) Acrolein	2.239	56	43909	91.311	ug/l	97
14) Allyl chloride	2.654	41	47218	18.813	ug/l	98
15) Acrylonitrile	3.068	53	89249	96.988	ug/l	99
16) Acetone	2.392	43	88985	92.601	ug/l	95
17) Carbon Disulfide	2.502	76	50399	17.595	ug/l	98
18) Methyl Acetate	2.709	43	47509	19.175	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	114371	19.450	ug/l	100
20) Methylene Chloride	2.782	84	35820	19.846	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	31036	19.380	ug/l	97
22) Diisopropyl ether	3.764	45	112511	19.907	ug/l	94
23) Vinyl Acetate	3.721	43	465716	101.354	ug/l	100
24) 1,1-Dichloroethane	3.605	63	62059	19.699	ug/l	98
25) 2-Butanone	4.568	43	136992	100.277	ug/l	99
26) 2,2-Dichloropropane	4.471	77	51431	20.095	ug/l #	74
27) cis-1,2-Dichloroethene	4.477	96	39161	19.254	ug/l	99
28) Bromochloromethane	4.891	49	30977	20.052	ug/l	95
29) Tetrahydrofuran	5.013	42	86235	98.343	ug/l	99
30) Chloroform	5.093	83	68410	19.327	ug/l	97
31) Cyclohexane	5.458	56	51773	20.351	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	57900	19.706	ug/l	99
36) 1,1-Dichloropropene	5.690	75	42878	18.841	ug/l	99
37) Ethyl Acetate	4.727	43	56019	19.913	ug/l	99
38) Carbon Tetrachloride	5.672	117	43901	17.918	ug/l	92
39) Methylcyclohexane	7.379	83	53536	19.678	ug/l	97
40) Benzene	6.031	78	135467	19.606	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	28523	19.095	ug/l	94
42) 1,2-Dichloroethane	6.086	62	55377	19.456	ug/l	98
43) Isopropyl Acetate	6.342	43	84866	19.301	ug/l	100
44) Trichloroethene	7.123	130	32995	19.149	ug/l	96
45) 1,2-Dichloropropane	7.427	63	33585	19.025	ug/l	97
46) Dibromomethane	7.580	93	26293	19.199	ug/l	99
47) Bromodichloromethane	7.818	83	44312	18.735	ug/l	99
48) Methyl methacrylate	7.696	41	40620	19.032	ug/l	98
49) 1,4-Dioxane	7.671	88	9801	268.697	ug/l #	71
51) 4-Methyl-2-Pentanone	8.574	43	278267	98.429	ug/l	100
52) Toluene	8.714	92	82934	19.113	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	44614	18.785	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	49596	19.258	ug/l	91
55) 1,1,2-Trichloroethane	9.147	97	34013	19.732	ug/l	98
56) Ethyl methacrylate	9.116	69	52571	19.318	ug/l	99
57) 1,3-Dichloropropane	9.305	76	59489	19.827	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	129900	94.642	ug/l	100
59) 2-Hexanone	9.433	43	207578	101.440	ug/l	99
60) Dibromochloromethane	9.519	129	31066	18.318	ug/l	97
61) 1,2-Dibromoethane	9.610	107	34978	19.935	ug/l	98
64) Tetrachloroethene	9.275	164	27702	19.133	ug/l	97
65) Chlorobenzene	10.079	112	90631	19.389	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	29132	19.392	ug/l	99
67) Ethyl Benzene	10.195	91	158455	19.619	ug/l	98
68) m/p-Xylenes	10.299	106	116126	39.183	ug/l	98
69) o-Xylene	10.640	106	59787	19.938	ug/l	99
70) Styrene	10.653	104	95883	19.946	ug/l	98
71) Bromoform	10.799	173	16924	18.112	ug/l #	96
73) Isopropylbenzene	10.963	105	153935	20.481	ug/l	98
74) N-amyl acetate	10.842	43	69643	20.049	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	52312	20.039	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	55384	24.859	ug/l	86
77) Bromobenzene	11.195	156	34951	19.176	ug/l	98
78) n-propylbenzene	11.305	91	169622	20.419	ug/l	100
79) 2-Chlorotoluene	11.366	91	106310	19.788	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	126626	20.315	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	11784	19.264	ug/l	90
82) 4-Chlorotoluene	11.451	91	118309	19.886	ug/l	100
83) tert-Butylbenzene	11.713	119	121929	19.794	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	125939	20.574	ug/l	99
85) sec-Butylbenzene	11.890	105	150795	20.165	ug/l	99
86) p-Isopropyltoluene	12.006	119	127790	20.532	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	64399	20.228	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	64106	19.588	ug/l	99
89) n-Butylbenzene	12.329	91	104410	19.950	ug/l	99
90) Hexachloroethane	12.536	117	15939	17.543	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	65511	19.817	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9468	18.683	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	35001	19.313	ug/l	99
94) Hexachlorobutadiene	13.725	225	14415	19.774	ug/l	97
95) Naphthalene	13.774	128	142515	20.146	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	38639	20.101	ug/l	99

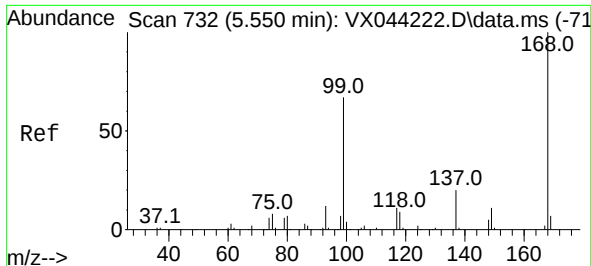
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Response via : Initial Calibration

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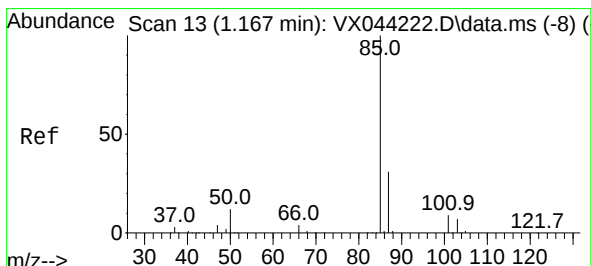
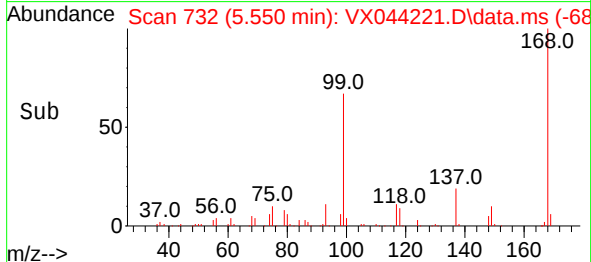
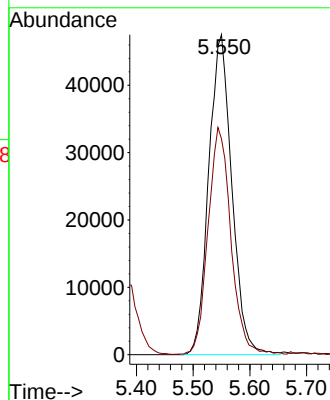
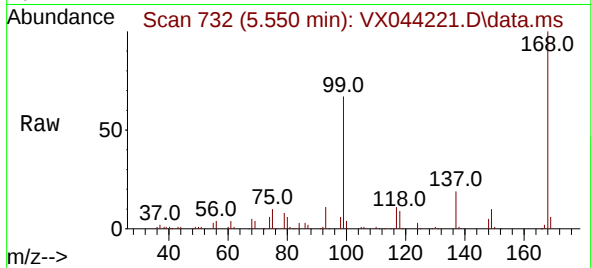
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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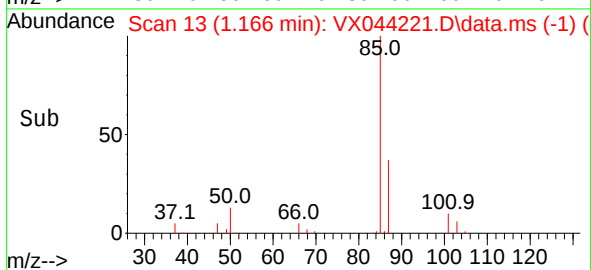
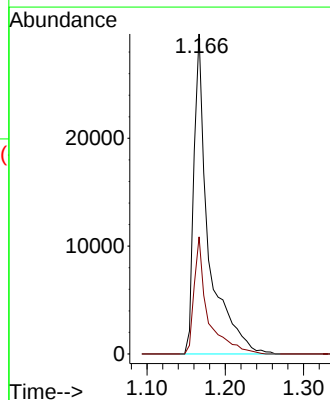
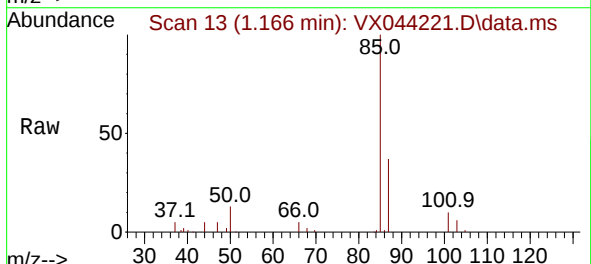
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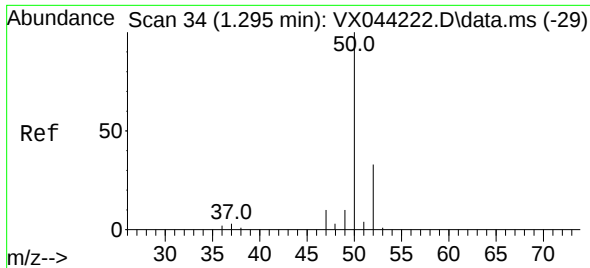
Tgt Ion:168 Resp: 134436
Ion Ratio Lower Upper
168 100
99 67.2 53.4 80.0



#2
Dichlorodifluoromethane
Concen: 18.640 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 85 Resp: 38748
Ion Ratio Lower Upper
85 100
87 36.6 15.4 46.4

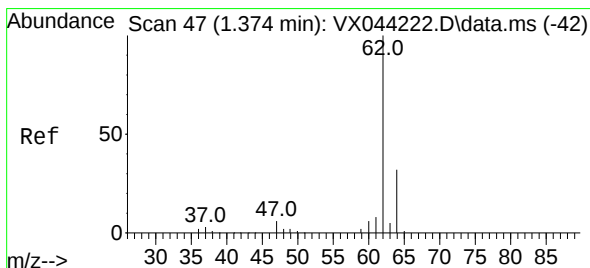
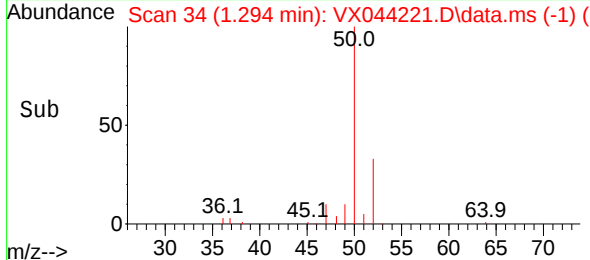
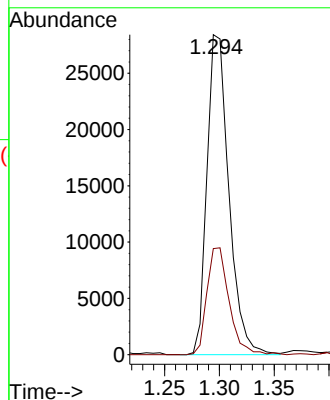
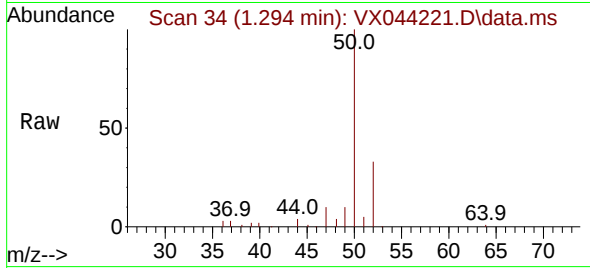




#3
Chloromethane
Concen: 19.894 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

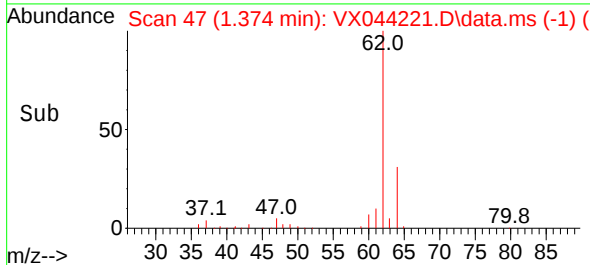
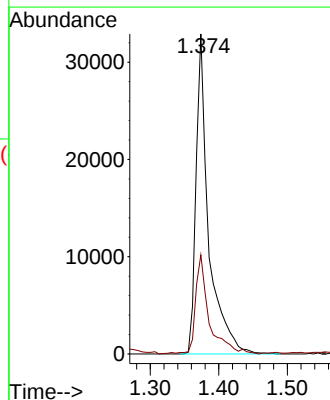
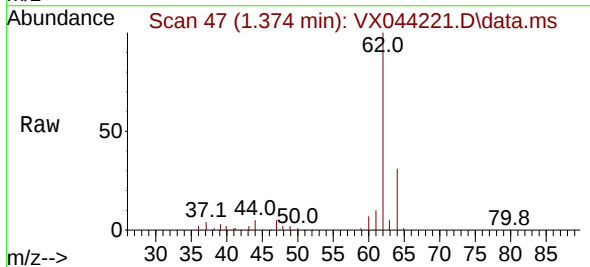
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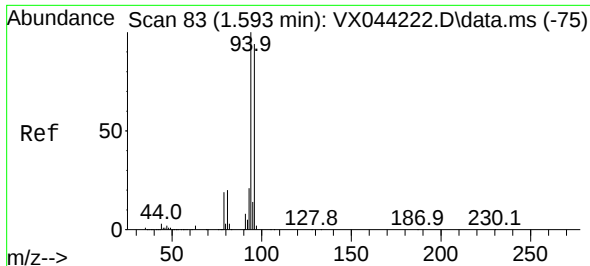
Tgt Ion: 50 Resp: 39546
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7



#4
Vinyl Chloride
Concen: 20.304 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 62 Resp: 42048
Ion Ratio Lower Upper
62 100
64 30.6 25.7 38.5

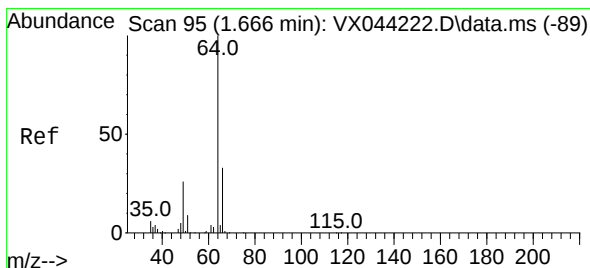
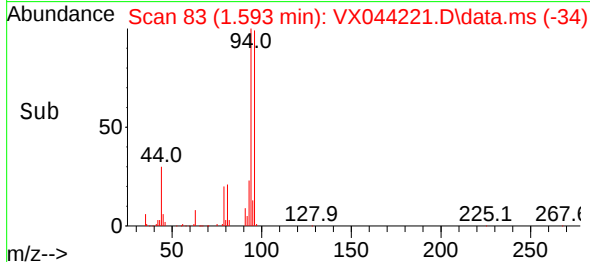
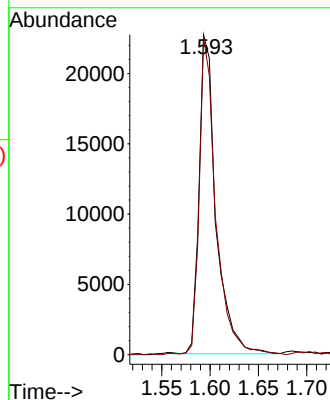
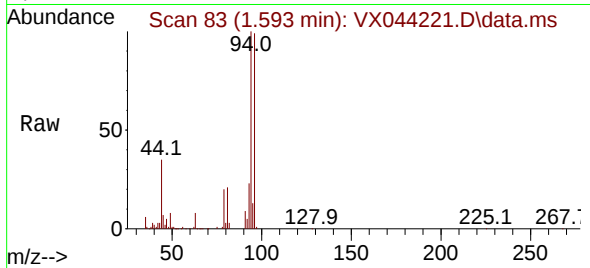




#5
 Bromomethane
 Concen: 18.789 ug/l
 RT: 1.593 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VX044221.D
 Acq: 11 Dec 2024 11:50

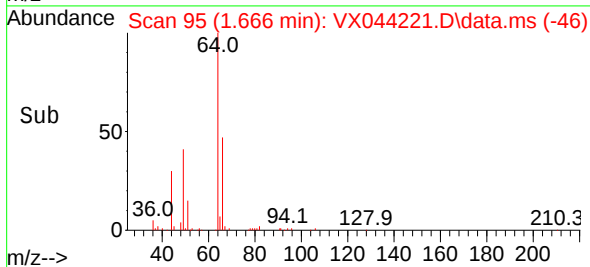
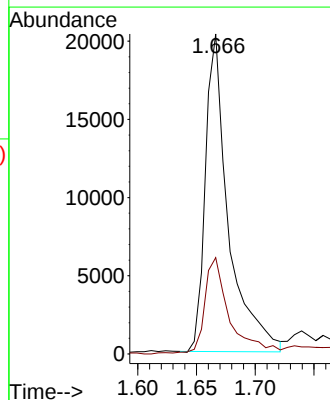
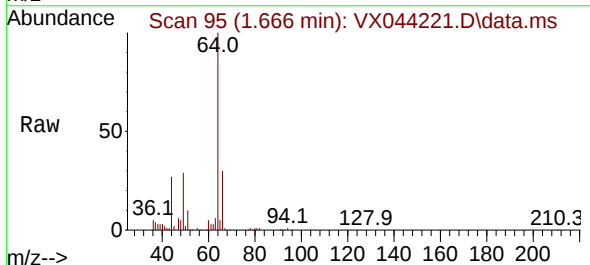
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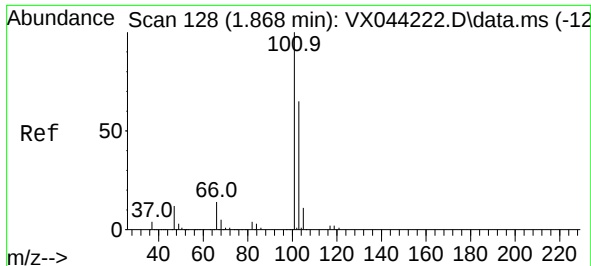
Tgt Ion: 94 Resp: 27604
 Ion Ratio Lower Upper
 94 100
 96 99.2 74.9 112.3



#6
 Chloroethane
 Concen: 21.460 ug/l
 RT: 1.666 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VX044221.D
 Acq: 11 Dec 2024 11:50

Tgt Ion: 64 Resp: 27673
 Ion Ratio Lower Upper
 64 100
 66 29.8 26.6 39.8

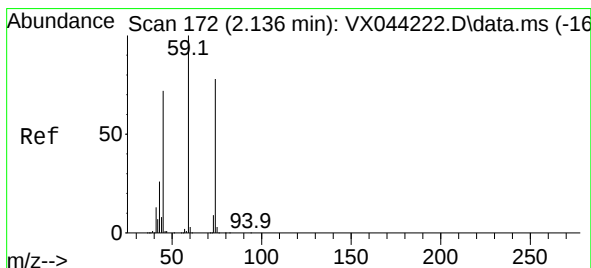
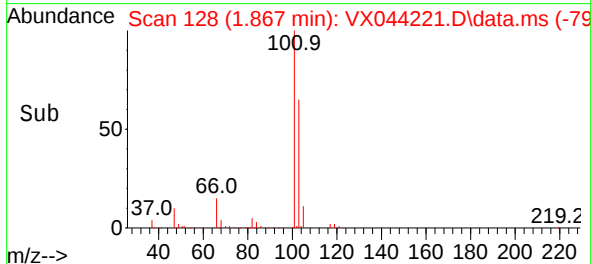
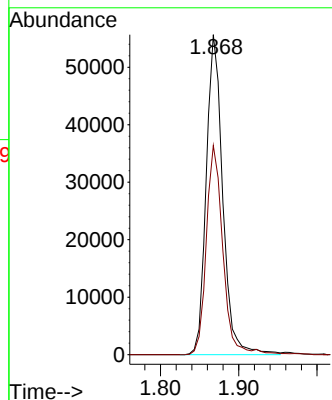
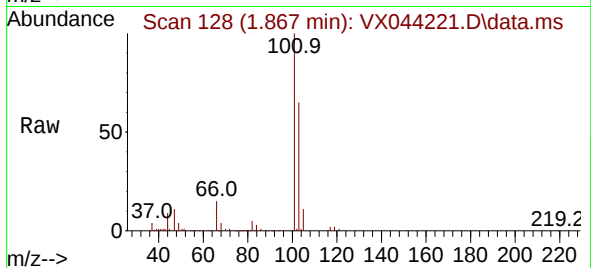




#7
Trichlorofluoromethane
Concen: 20.077 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

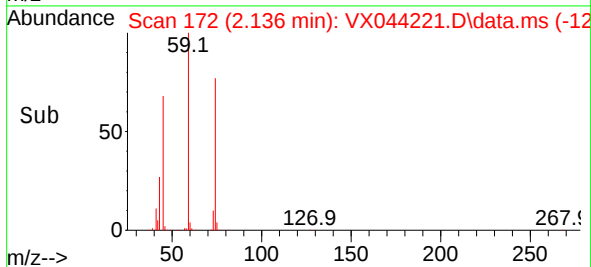
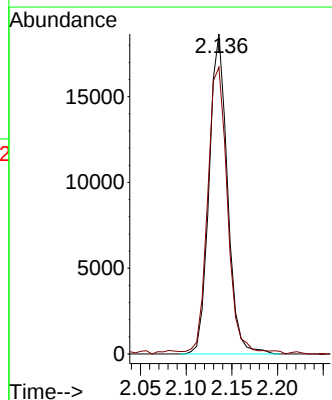
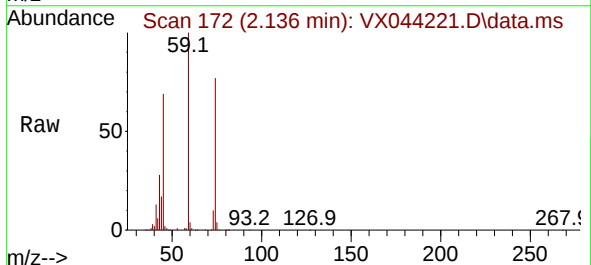
Instrument :
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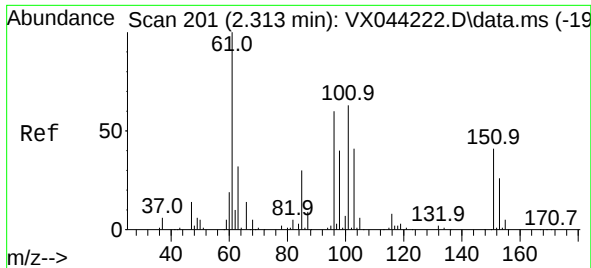
Tgt Ion:101 Resp: 81398
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8



#8
Diethyl Ether
Concen: 18.704 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 74 Resp: 25884
Ion Ratio Lower Upper
74 100
45 97.8 48.4 145.0

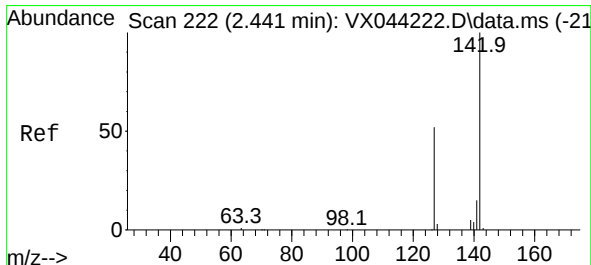
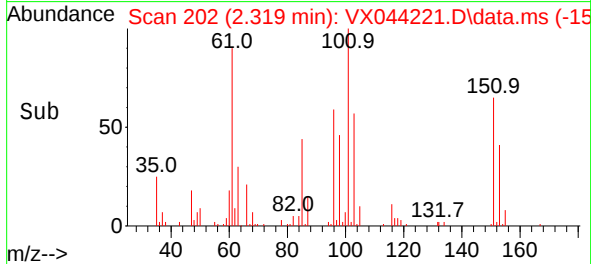
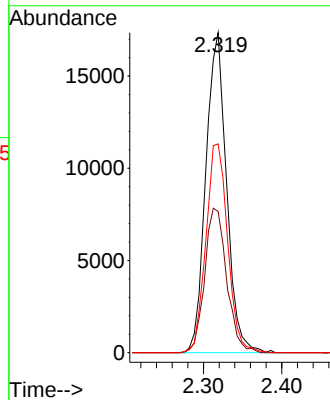
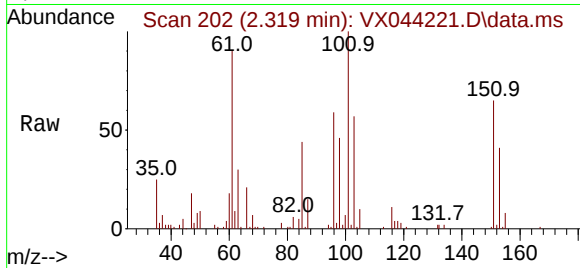




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.412 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044221.D
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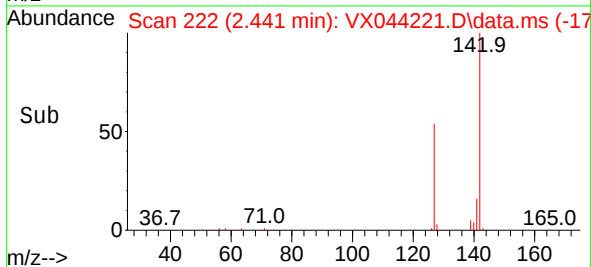
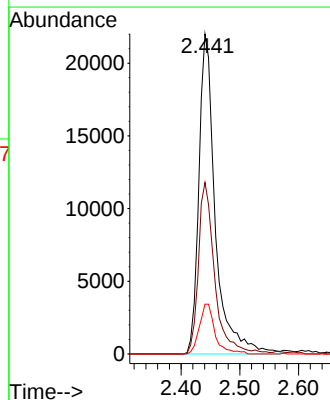
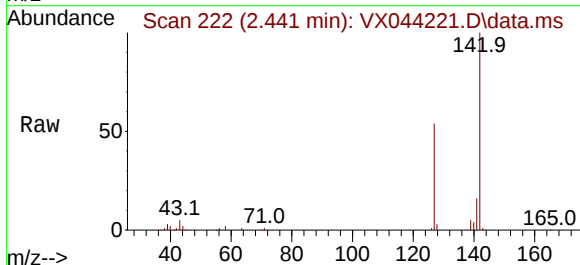
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

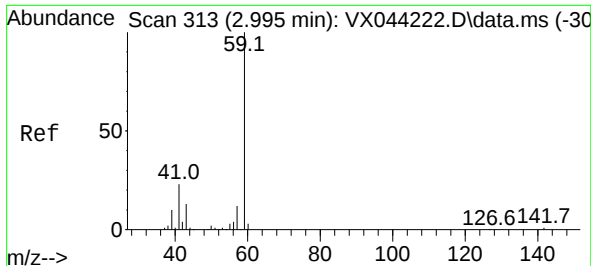
Tgt Ion:101 Resp: 31846
Ion Ratio Lower Upper
101 100
85 48.0 38.5 57.7
151 68.6 55.8 83.6



#10
Methyl Iodide
Concen: 19.788 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:142 Resp: 42786
Ion Ratio Lower Upper
142 100
127 52.9 41.8 62.8
141 14.8 11.5 17.3

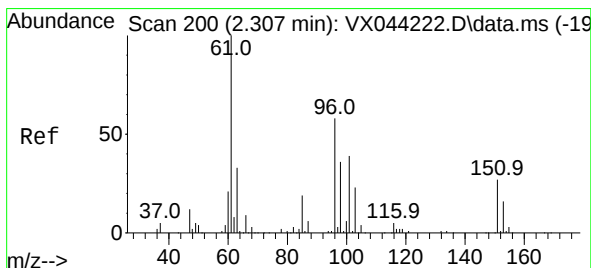
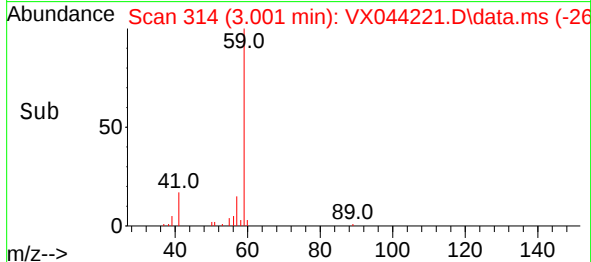
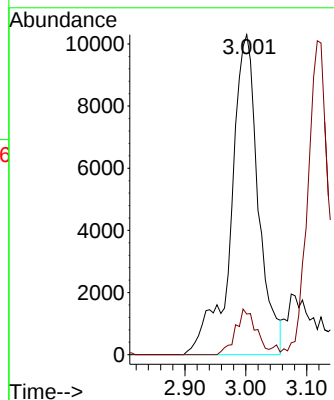
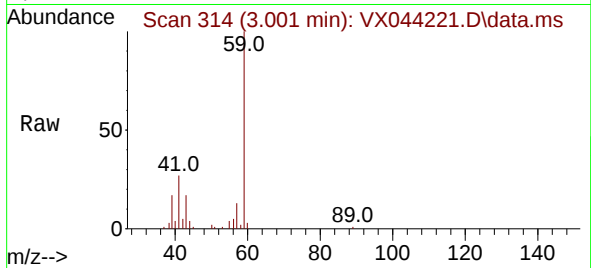




#11
Tert butyl alcohol
Concen: 97.050 ug/l
RT: 3.001 min Scan# 313
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

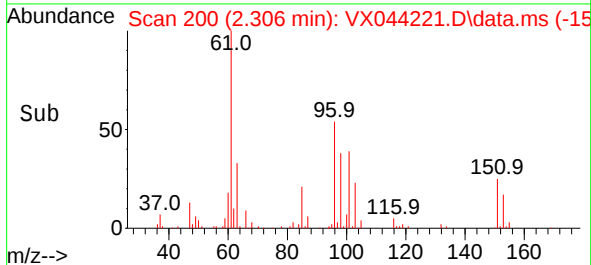
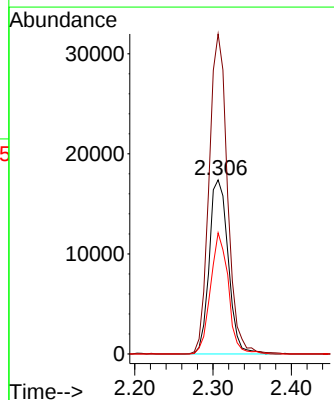
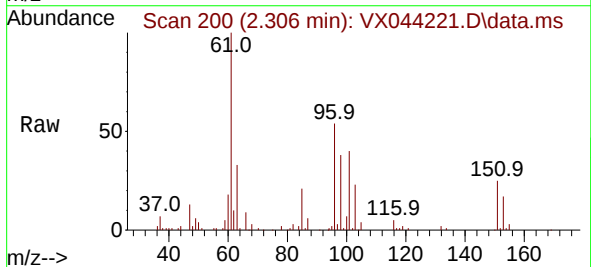
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

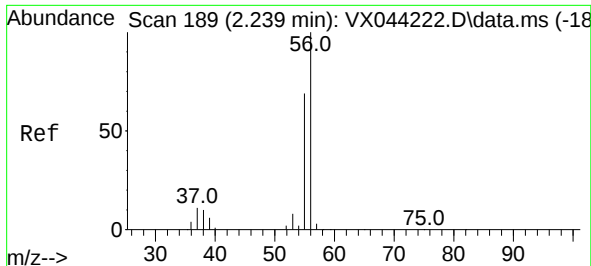
Tgt Ion: 59 Resp: 32189
Ion Ratio Lower Upper
59 100
57 10.6 8.8 13.2



#12
1,1-Dichloroethene
Concen: 19.405 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 96 Resp: 29241
Ion Ratio Lower Upper
96 100
61 183.9 138.0 207.0
98 69.6 50.0 75.0





#13

Acrolein

Concen: 91.311 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

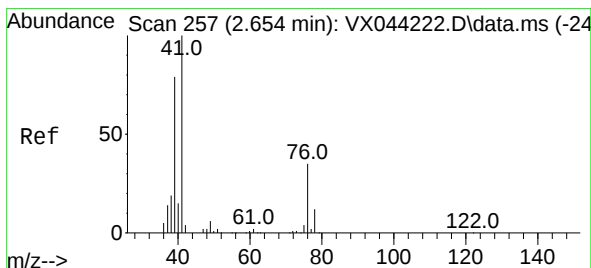
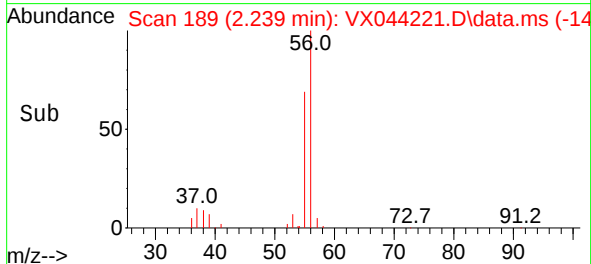
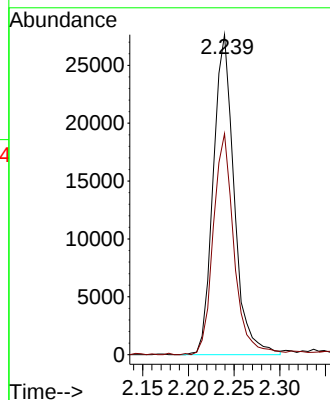
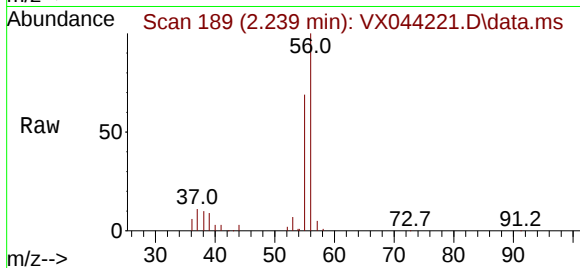
VSTDICC020

Tgt Ion: 56 Resp: 43909

Ion Ratio Lower Upper

56 100

55 68.6 56.6 84.8



#14

Allyl chloride

Concen: 18.813 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

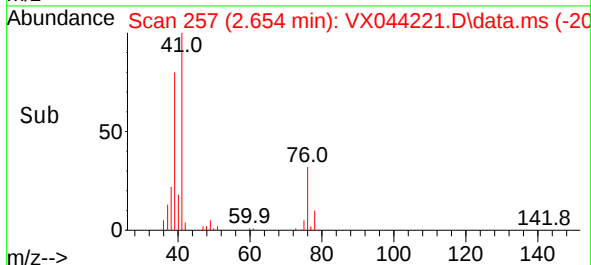
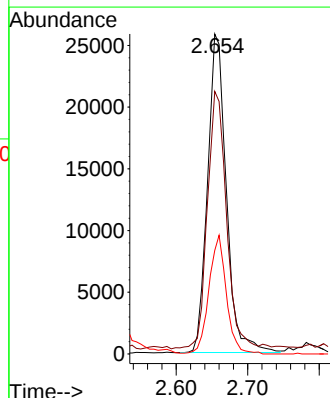
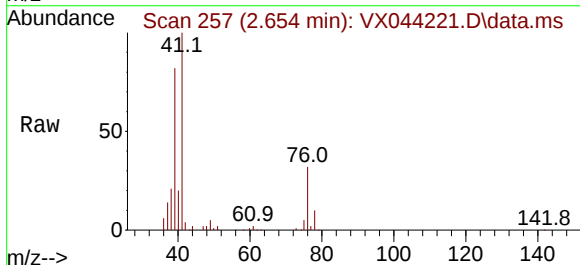
Tgt Ion: 41 Resp: 47218

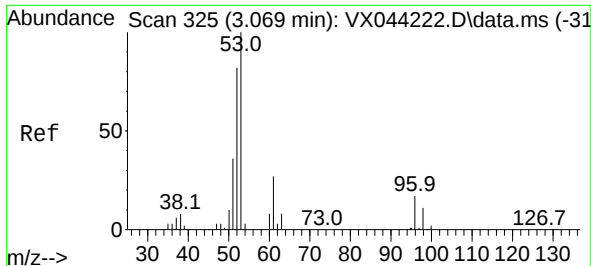
Ion Ratio Lower Upper

41 100

39 80.4 61.9 92.9

76 34.5 27.4 41.2

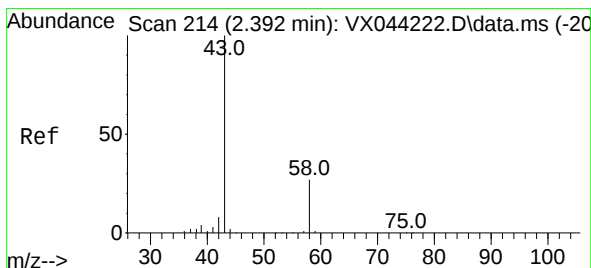
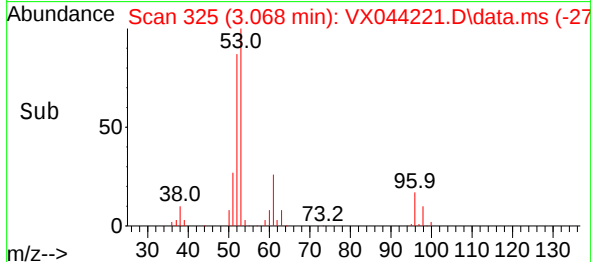
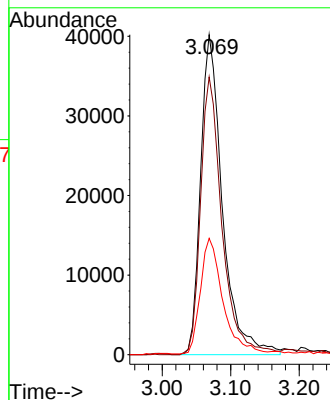
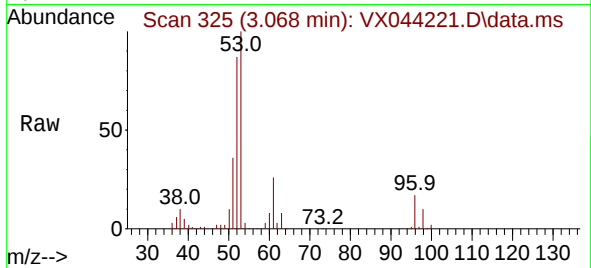




#15
Acrylonitrile
Concen: 96.988 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

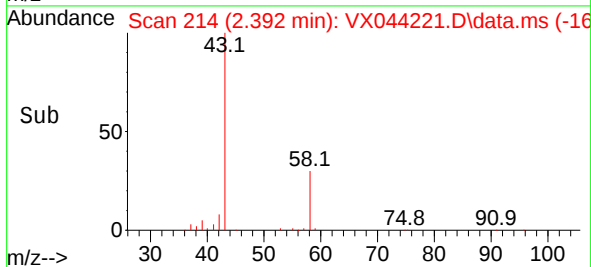
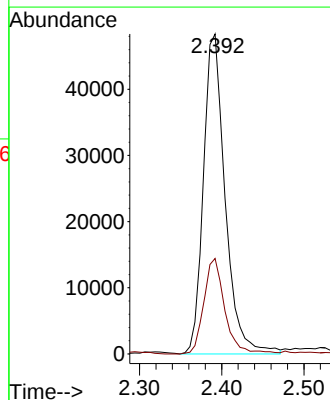
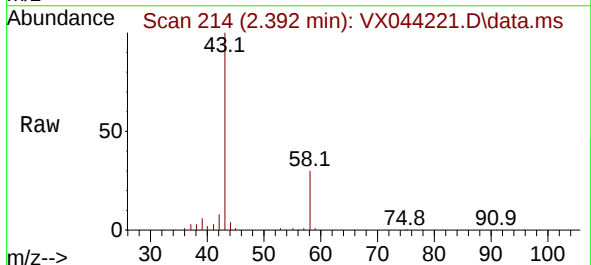
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

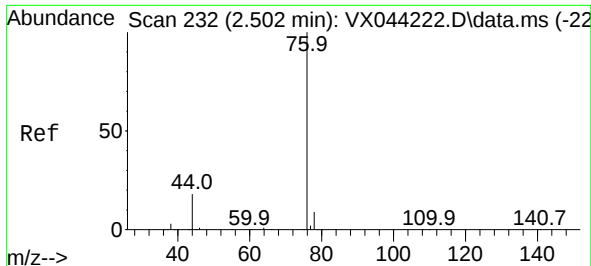
Tgt Ion: 53 Resp: 89249
Ion Ratio Lower Upper
53 100
52 85.1 67.4 101.0
51 37.1 30.3 45.5



#16
Acetone
Concen: 92.601 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 43 Resp: 88985
Ion Ratio Lower Upper
43 100
58 29.8 21.6 32.4

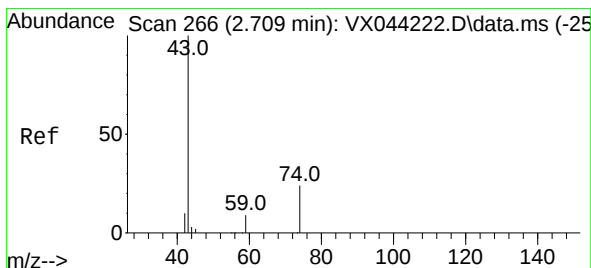
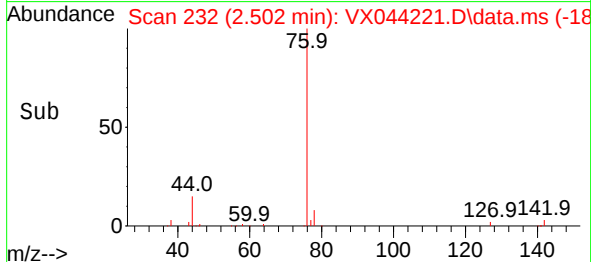
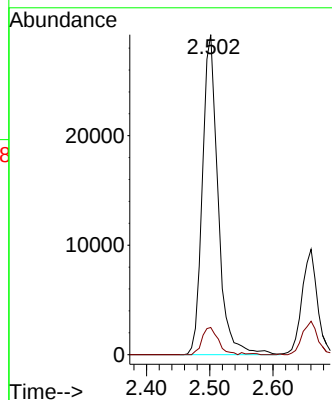
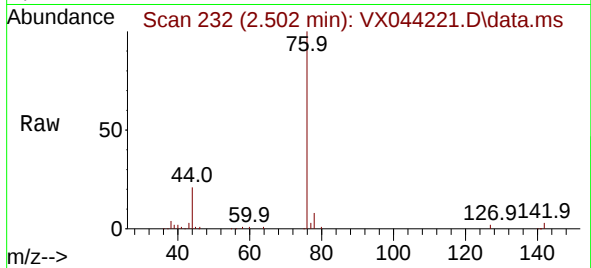




#17
Carbon Disulfide
Concen: 17.595 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

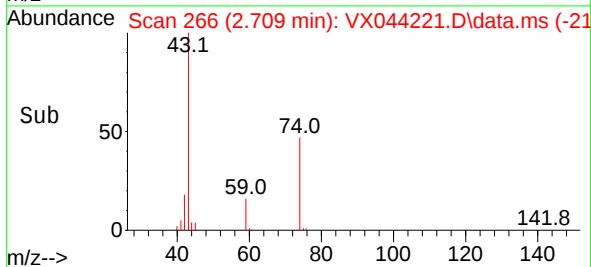
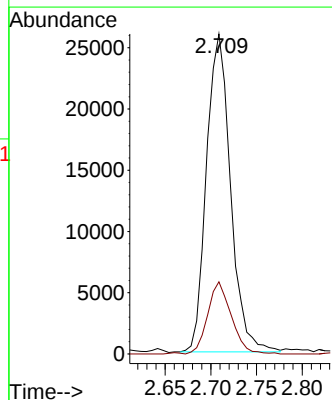
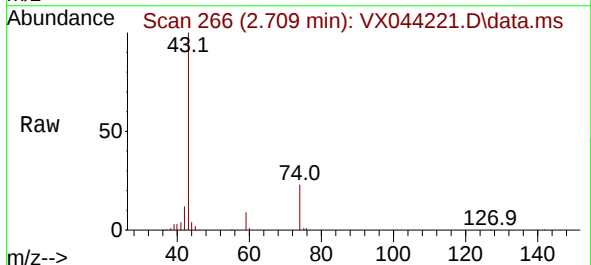
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

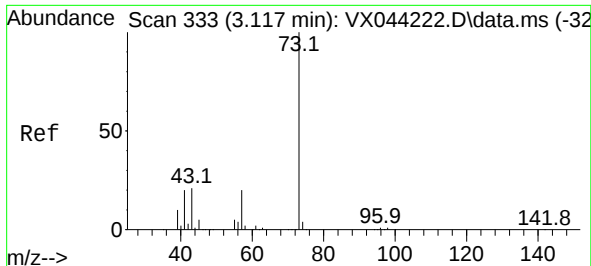
Tgt Ion: 76 Resp: 50399
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#18
Methyl Acetate
Concen: 19.175 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 43 Resp: 47509
Ion Ratio Lower Upper
43 100
74 22.2 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 19.450 ug/l

RT: 3.117 min Scan# 333

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

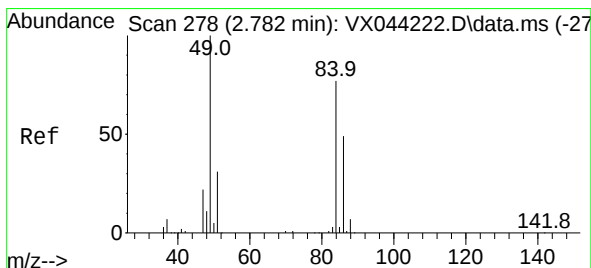
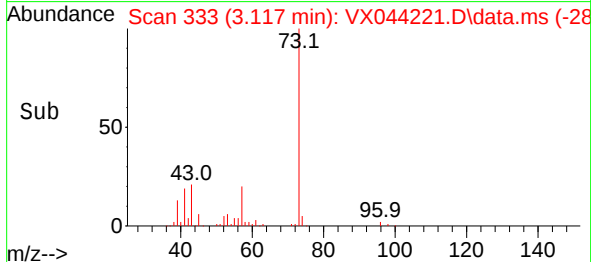
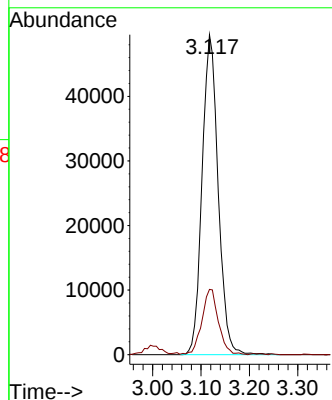
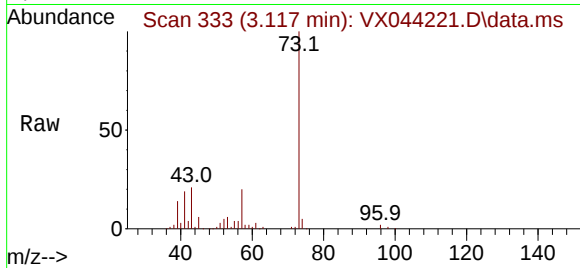
VSTDIC020

Tgt Ion: 73 Resp: 114371

Ion Ratio Lower Upper

73 100

57 20.4 16.2 24.4



#20

Methylene Chloride

Concen: 19.846 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Tgt Ion: 84 Resp: 35820

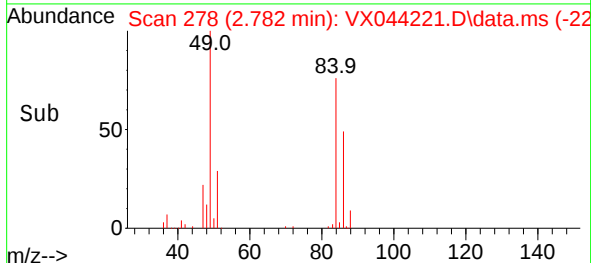
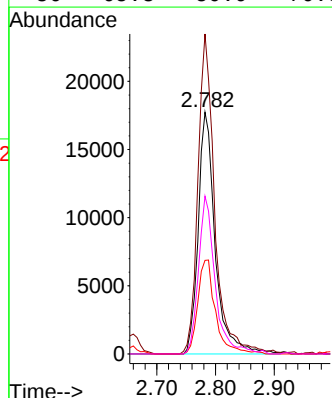
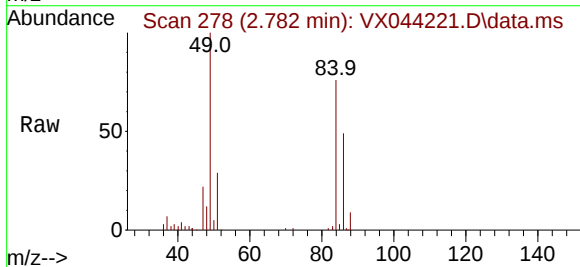
Ion Ratio Lower Upper

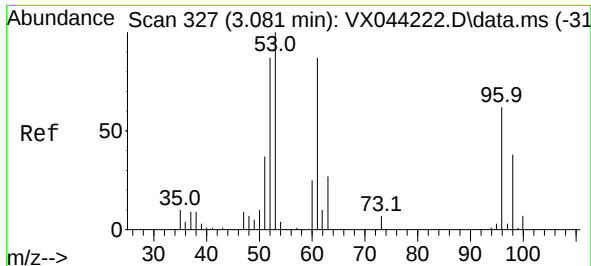
84 100

49 132.3 104.2 156.4

51 38.7 32.2 48.4

86 65.3 50.9 76.3

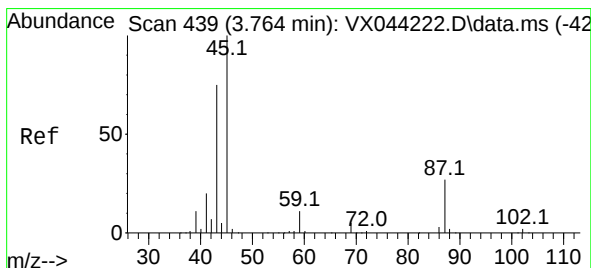
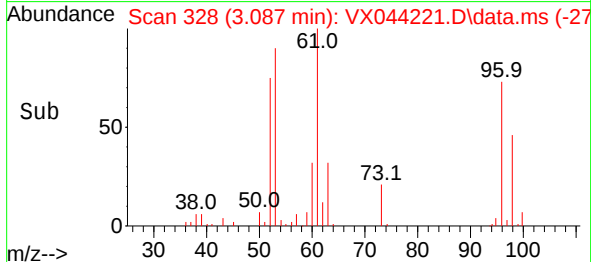
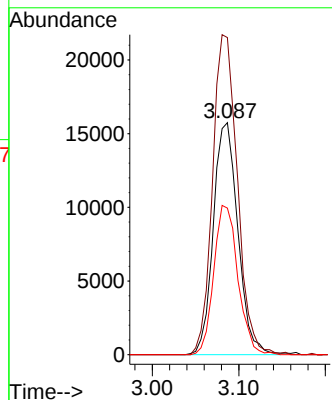
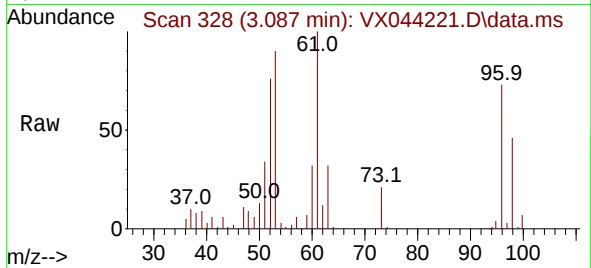




#21
trans-1,2-Dichloroethene
Concen: 19.380 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

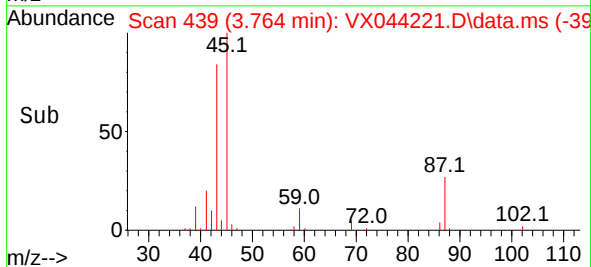
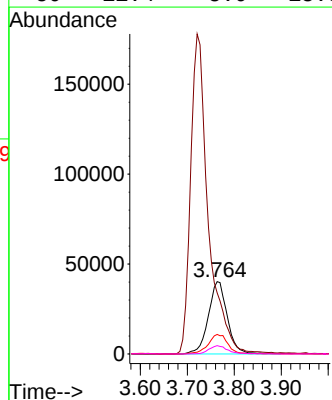
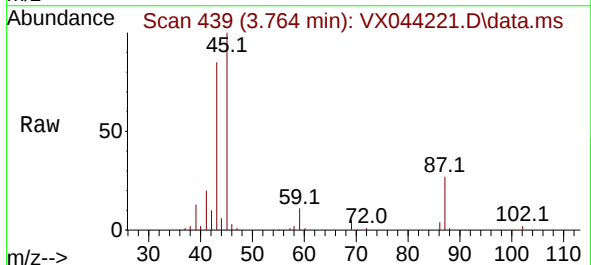
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

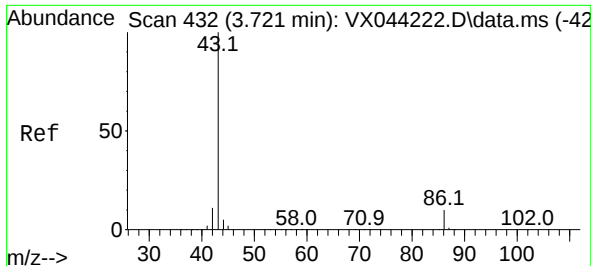
Tgt Ion: 96 Resp: 31036
Ion Ratio Lower Upper
96 100
61 136.8 112.0 168.0
98 63.2 48.8 73.2



#22
Diisopropyl ether
Concen: 19.907 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 45 Resp: 112511
Ion Ratio Lower Upper
45 100
43 82.8 60.2 90.2
87 27.1 21.2 31.8
59 11.4 8.9 13.3

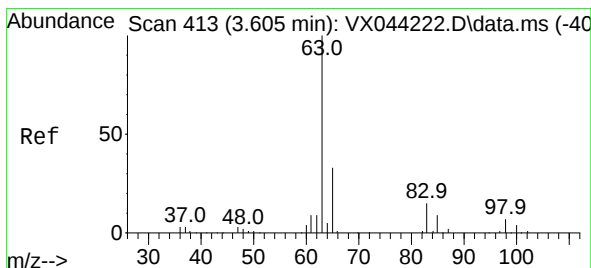
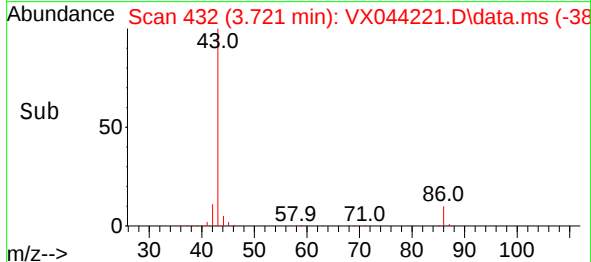
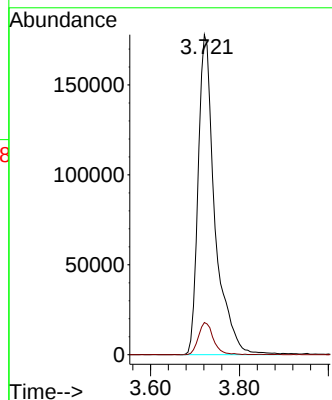
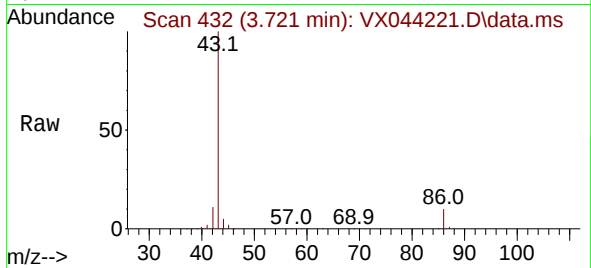




#23
 Vinyl Acetate
 Concen: 101.354 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044221.D
 Acq: 11 Dec 2024 11:50

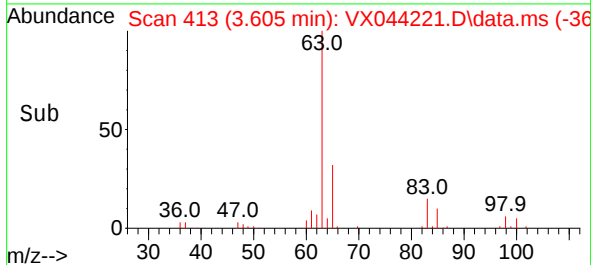
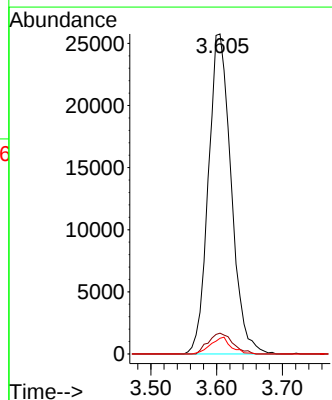
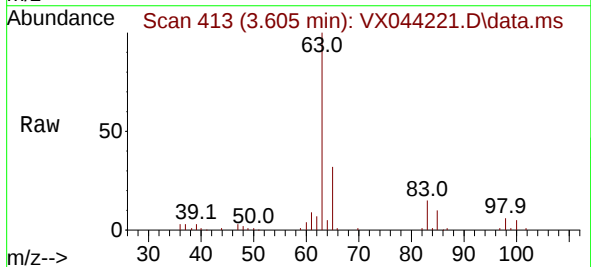
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

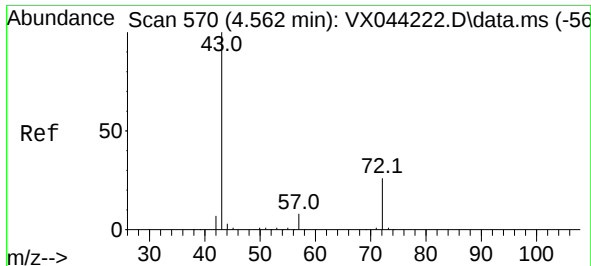
Tgt Ion: 43 Resp: 465716
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 19.699 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044221.D
 Acq: 11 Dec 2024 11:50

Tgt Ion: 63 Resp: 62059
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 4.9 2.1 6.3





#25

2-Butanone

Concen: 100.277 ug/l

RT: 4.568 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

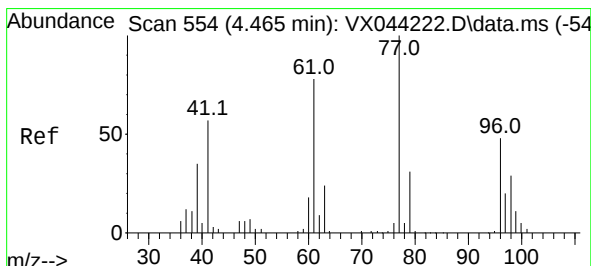
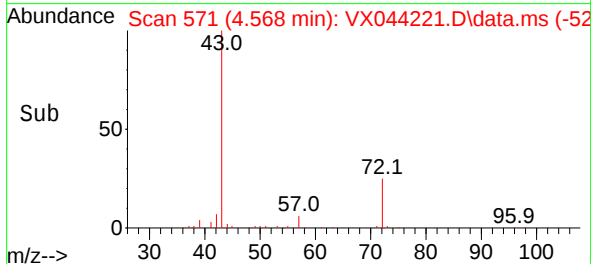
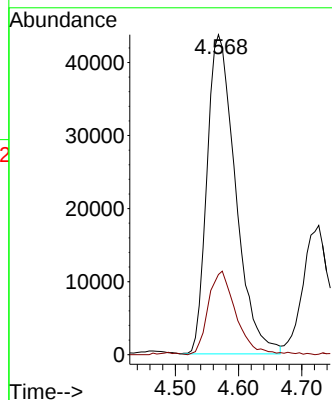
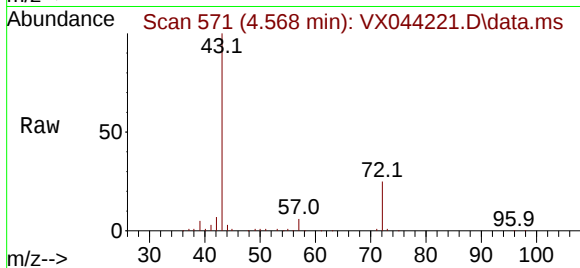
VSTDIC020

Tgt Ion: 43 Resp: 136992

Ion Ratio Lower Upper

43 100

72 24.8 20.2 30.4



#26

2,2-Dichloropropane

Concen: 20.095 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.006 min

Lab File: VX044221.D

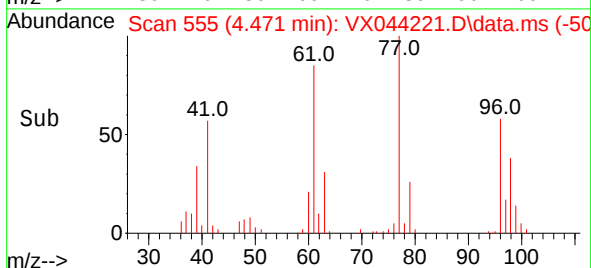
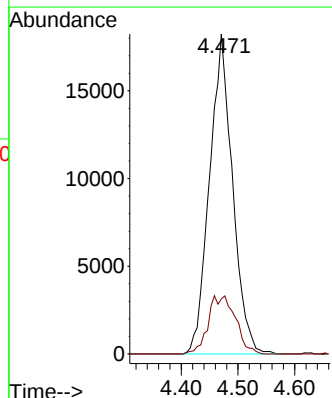
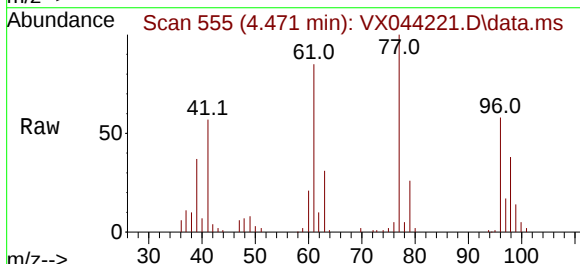
Acq: 11 Dec 2024 11:50

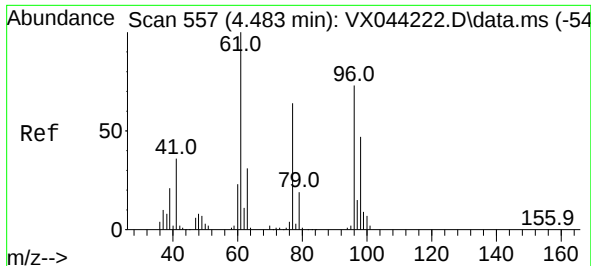
Tgt Ion: 77 Resp: 51431

Ion Ratio Lower Upper

77 100

97 9.1 10.7 32.1#

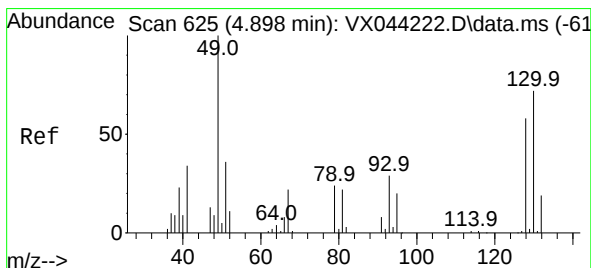
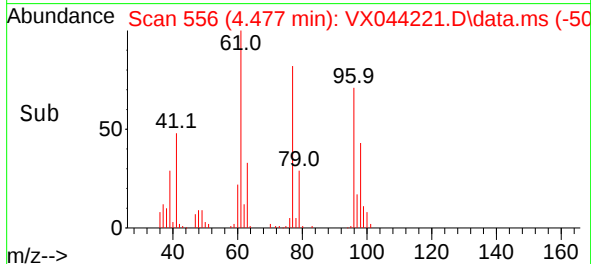
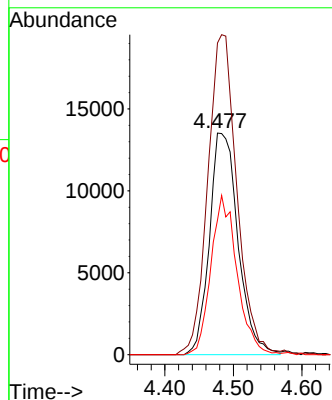
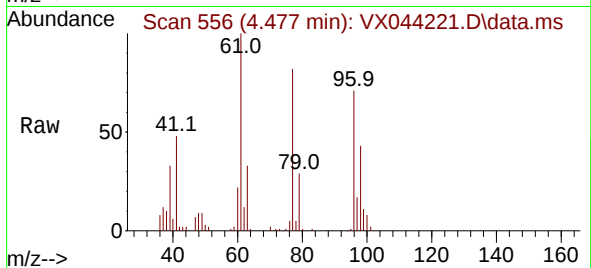




#27
cis-1,2-Dichloroethene
Concen: 19.254 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

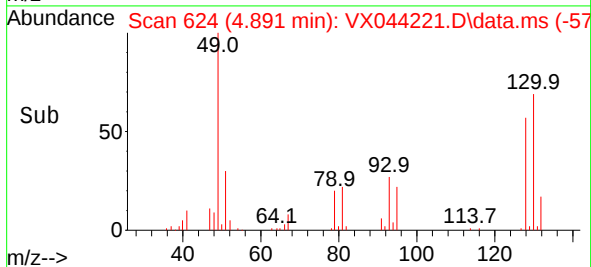
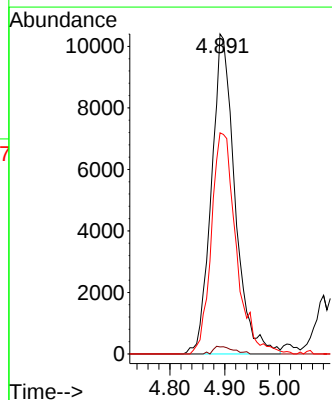
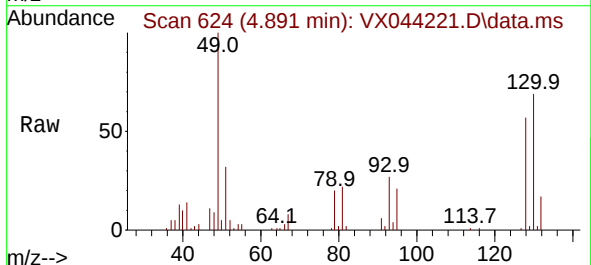
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

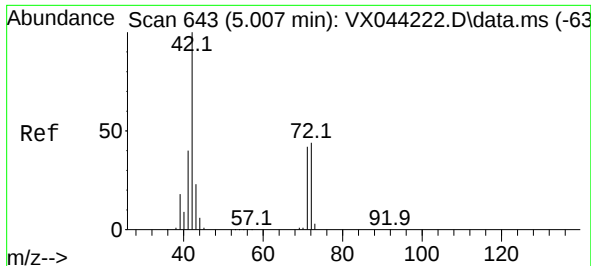
Tgt Ion: 96 Resp: 39161
Ion Ratio Lower Upper
96 100
61 147.6 0.0 299.0
98 65.5 0.0 129.0



#28
Bromochloromethane
Concen: 20.052 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 49 Resp: 30977
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 73.1 62.1 93.1





#29

Tetrahydrofuran

Concen: 98.343 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

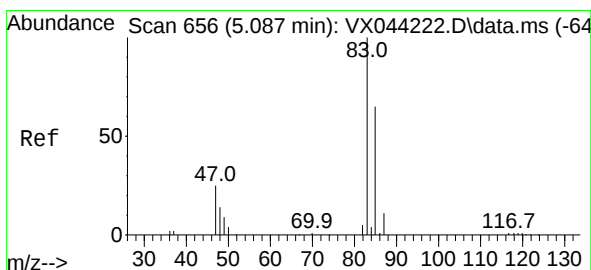
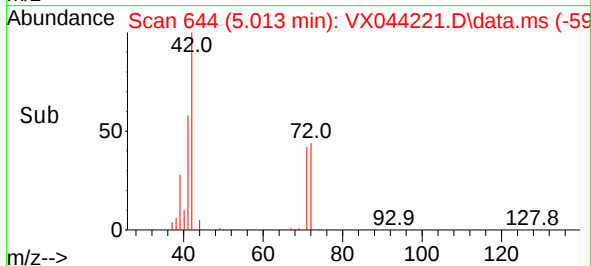
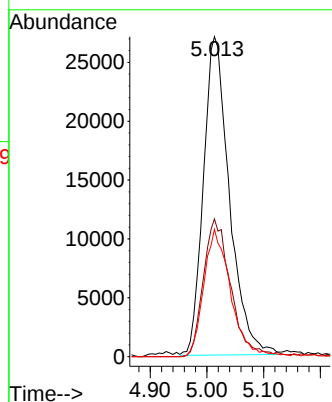
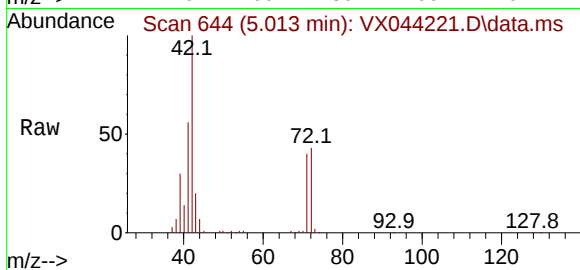
Tgt Ion: 42 Resp: 86235

Ion Ratio Lower Upper

42 100

72 45.2 37.0 55.6

71 41.1 33.6 50.4



#30

Chloroform

Concen: 19.327 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX044221.D

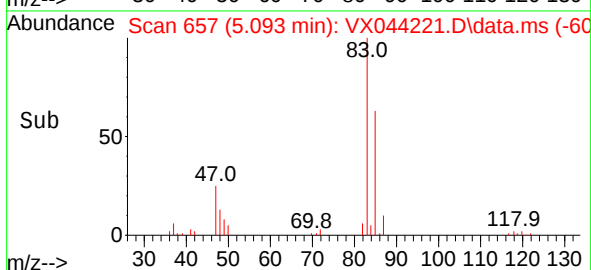
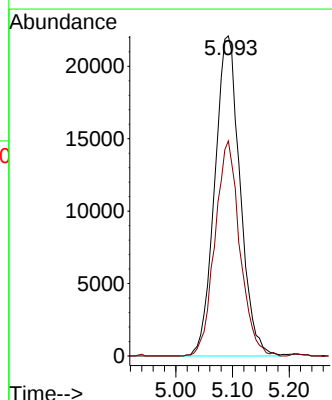
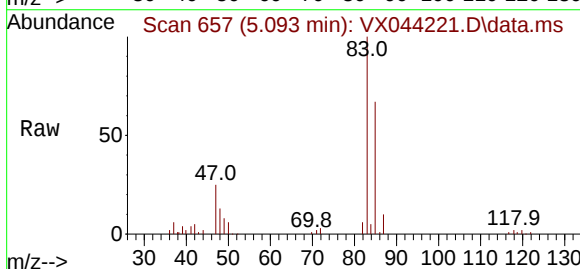
Acq: 11 Dec 2024 11:50

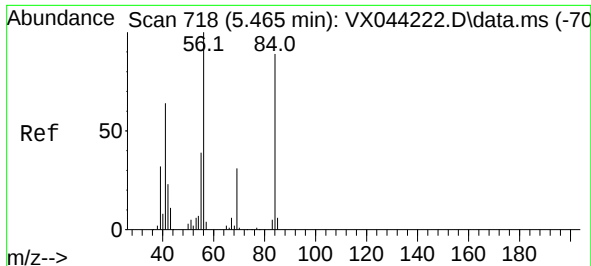
Tgt Ion: 83 Resp: 68410

Ion Ratio Lower Upper

83 100

85 67.2 51.6 77.4

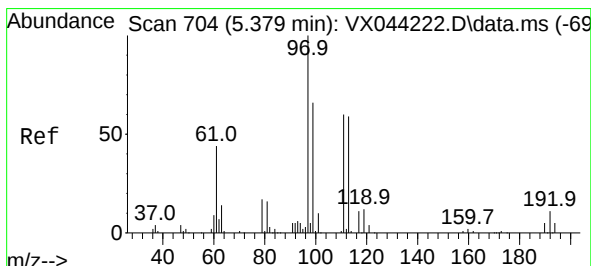
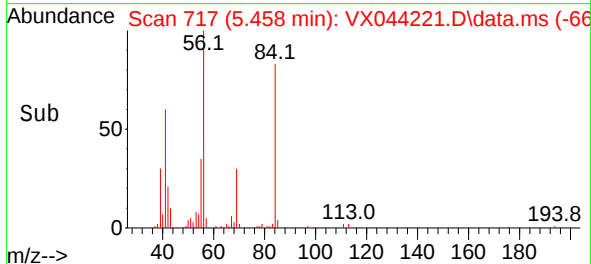
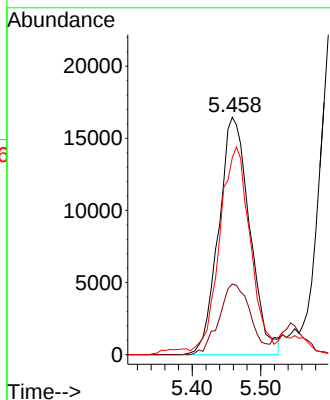
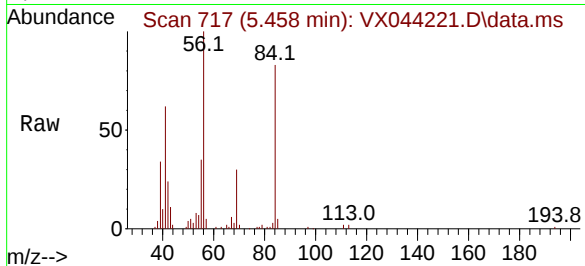




#31
Cyclohexane
Concen: 20.351 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

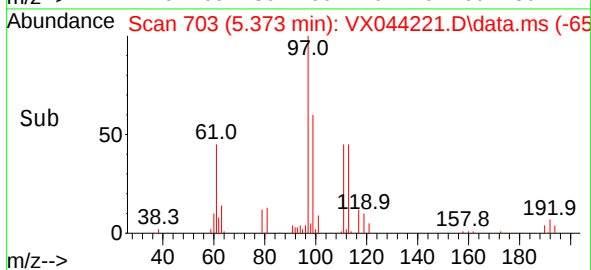
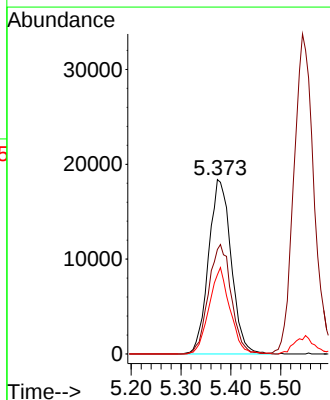
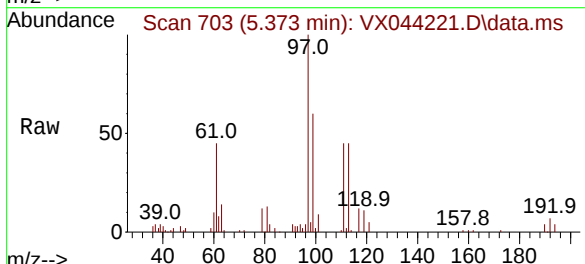
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

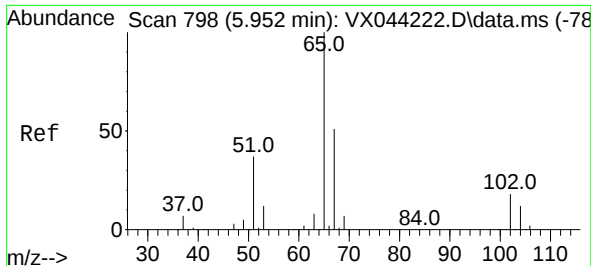
Tgt Ion: 56 Resp: 51773
Ion Ratio Lower Upper
56 100
69 29.8 24.7 37.1
84 80.7 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 19.706 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 97 Resp: 57900
Ion Ratio Lower Upper
97 100
99 63.0 50.8 76.2
61 45.7 35.2 52.8

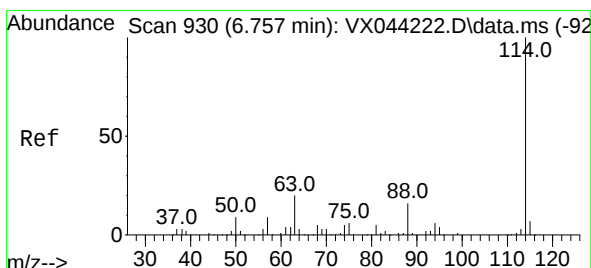
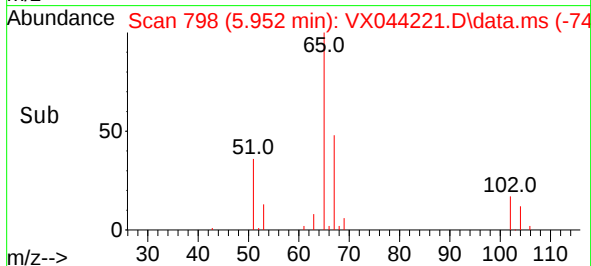
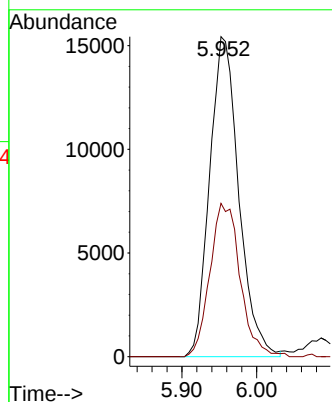
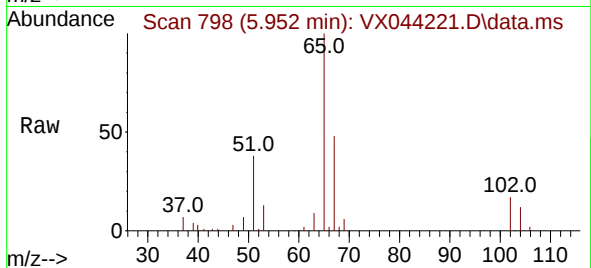




#33
 1,2-Dichloroethane-d4
 Concen: 17.743 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX044221.D
 Acq: 11 Dec 2024 11:50

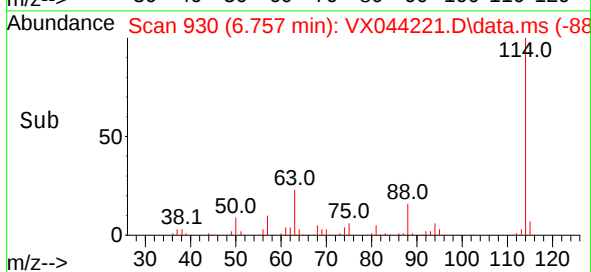
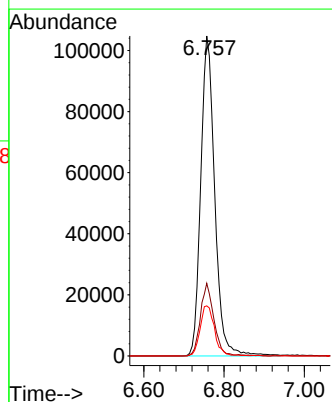
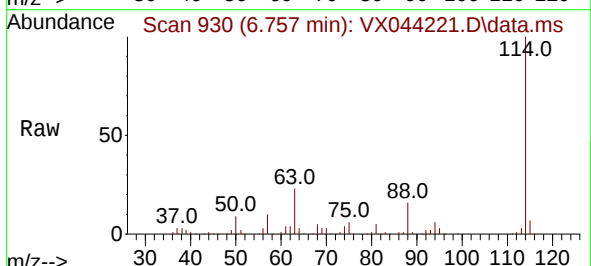
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

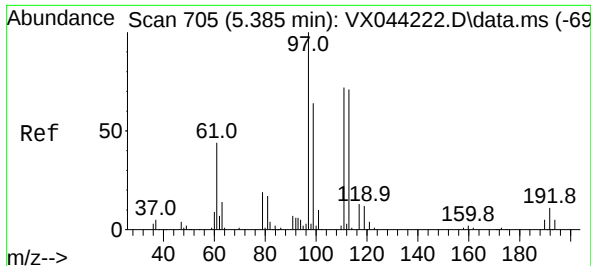
Tgt Ion: 65 Resp: 41821
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX044221.D
 Acq: 11 Dec 2024 11:50

Tgt Ion: 114 Resp: 254199
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 40.6
 88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 17.213 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

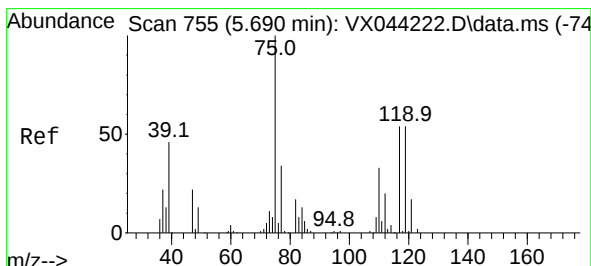
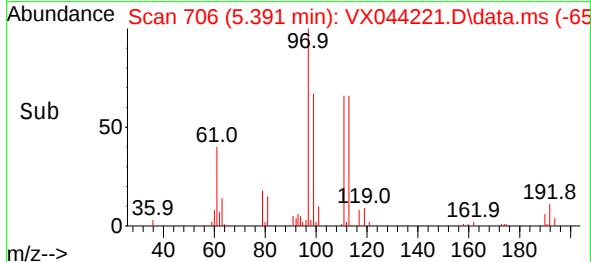
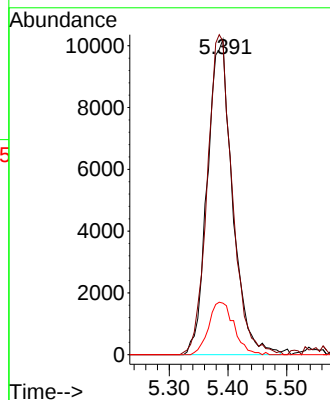
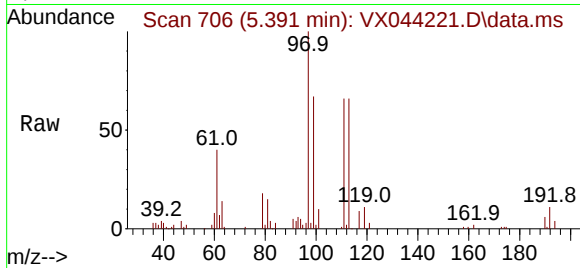
Tgt Ion:113 Resp: 30304

Ion Ratio Lower Upper

113 100

111 100.9 80.4 120.6

192 16.7 13.3 19.9



#36

1,1-Dichloropropene

Concen: 18.841 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

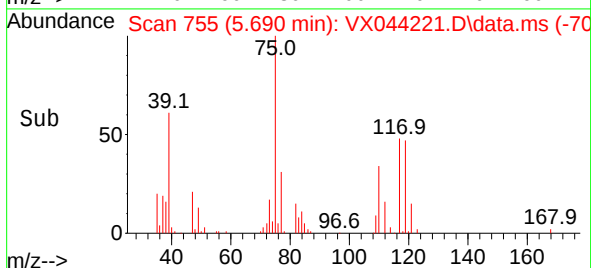
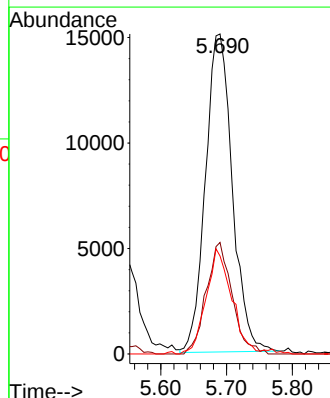
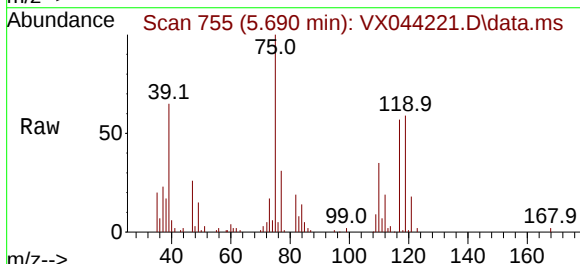
Tgt Ion: 75 Resp: 42878

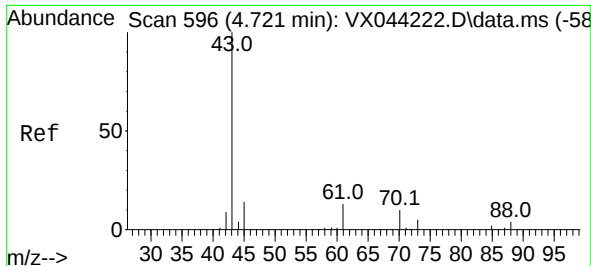
Ion Ratio Lower Upper

75 100

110 33.7 17.3 51.7

77 31.3 25.4 38.0





#37

Ethyl Acetate

Concen: 19.913 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

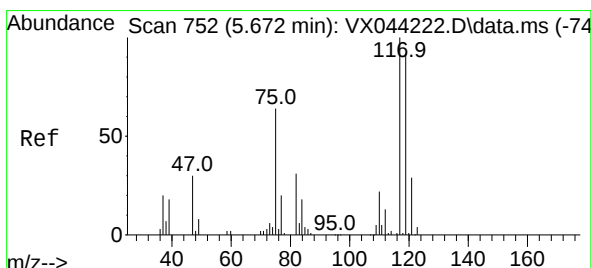
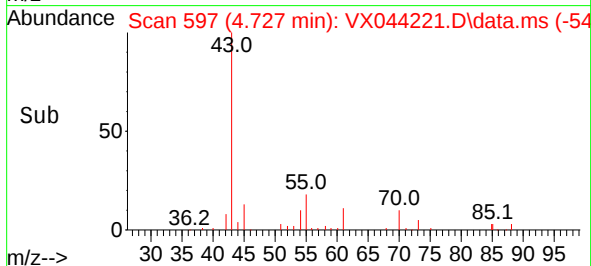
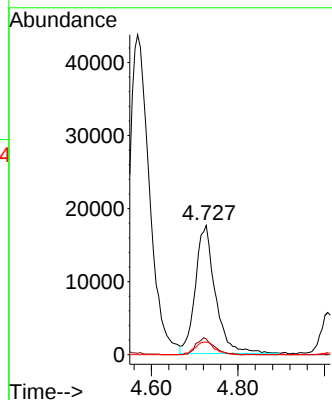
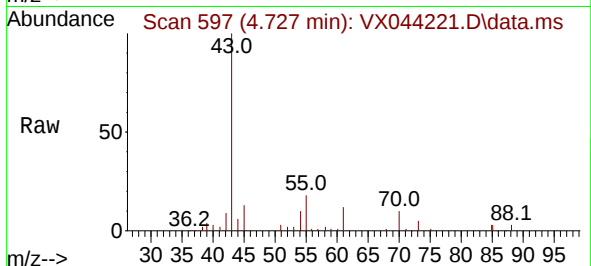
Tgt Ion: 43 Resp: 56019

Ion Ratio Lower Upper

43 100

61 11.8 9.8 14.8

70 9.9 7.7 11.5



#38

Carbon Tetrachloride

Concen: 17.918 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

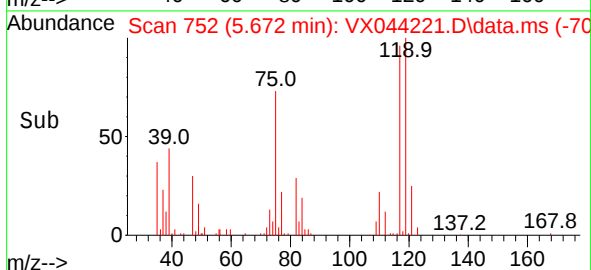
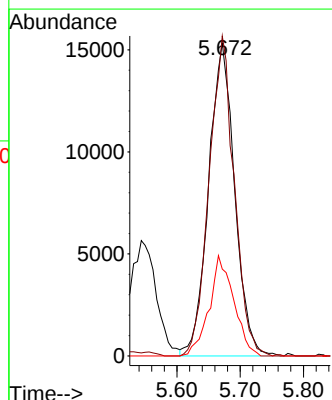
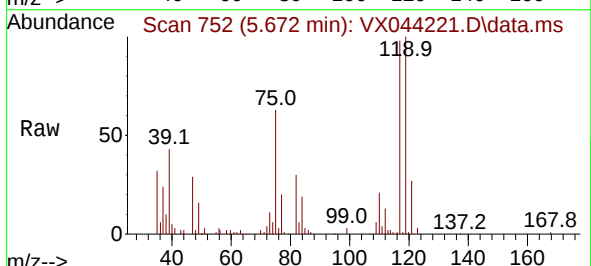
Tgt Ion: 117 Resp: 43901

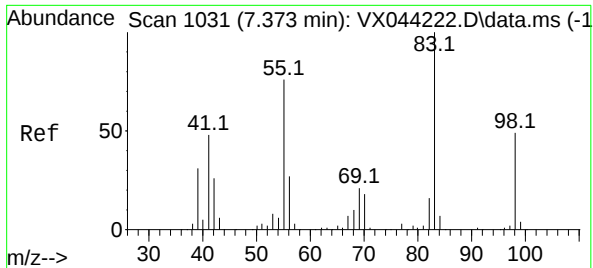
Ion Ratio Lower Upper

117 100

119 102.3 74.2 111.4

121 27.8 23.0 34.6





#39

Methylcyclohexane

Concen: 19.678 ug/l

RT: 7.379 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

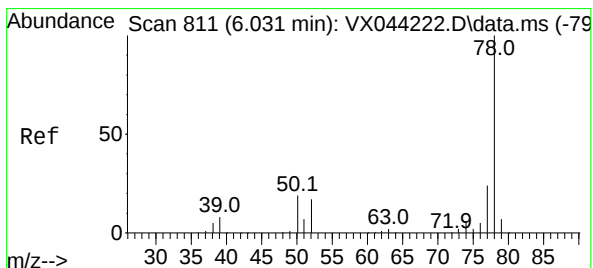
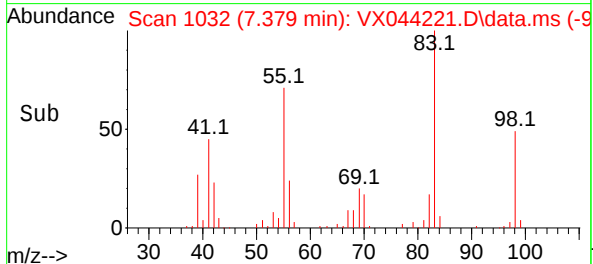
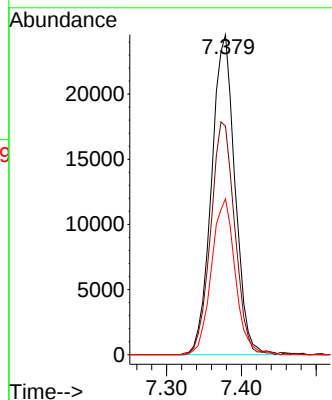
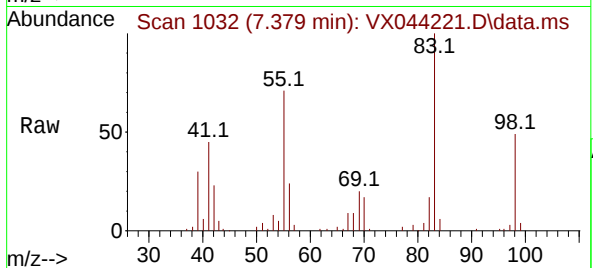
Tgt Ion: 83 Resp: 53536

Ion Ratio Lower Upper

83 100

55 71.4 60.7 91.1

98 48.7 38.9 58.3



#40

Benzene

Concen: 19.606 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX044221.D

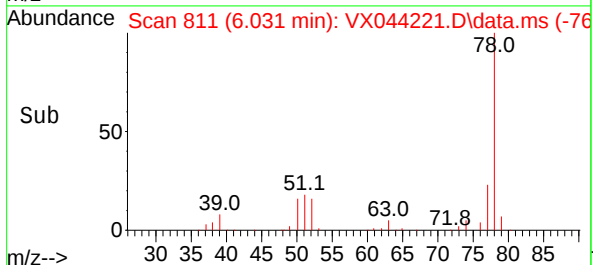
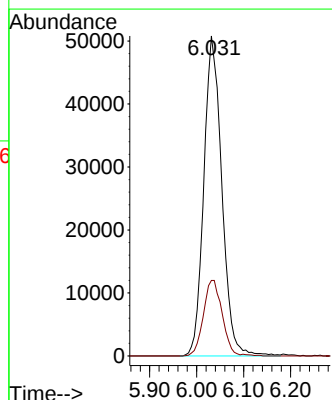
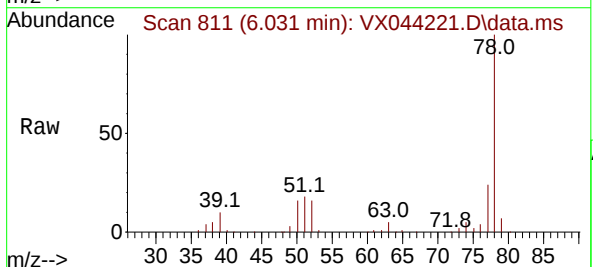
Acq: 11 Dec 2024 11:50

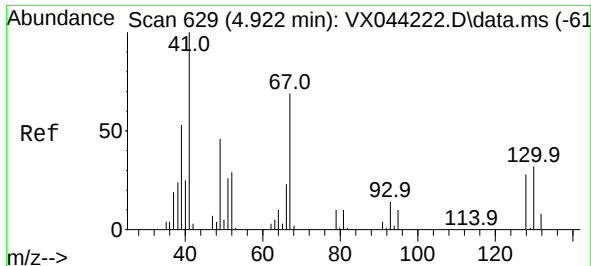
Tgt Ion: 78 Resp: 135467

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9



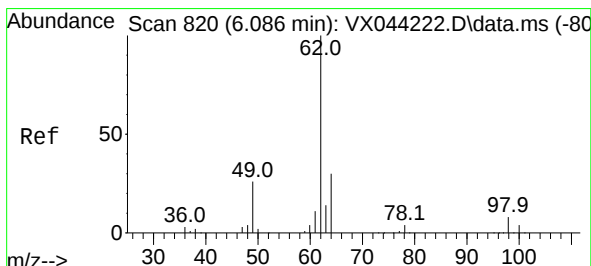
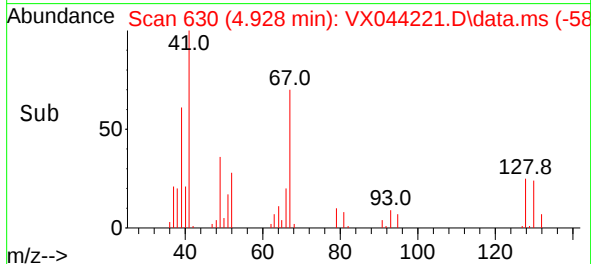
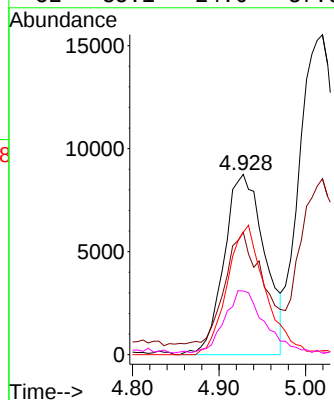
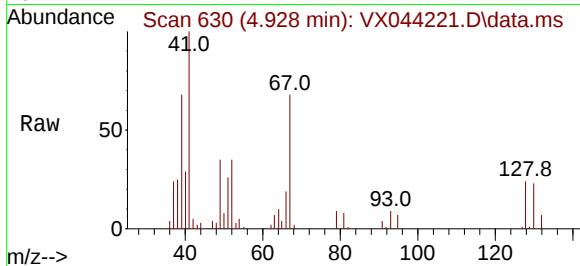


#41
Methacrylonitrile
Concen: 19.095 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 28523

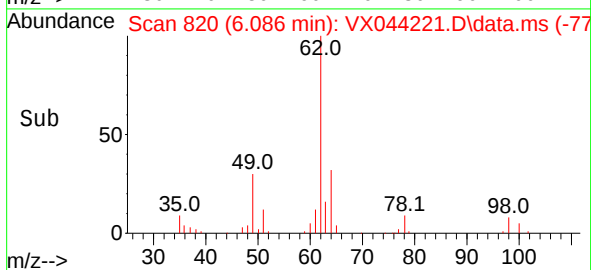
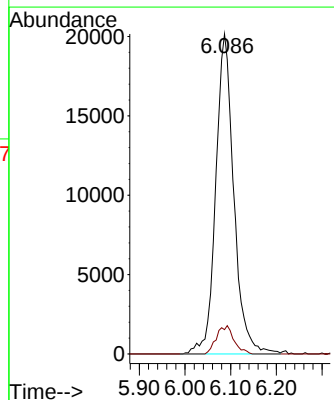
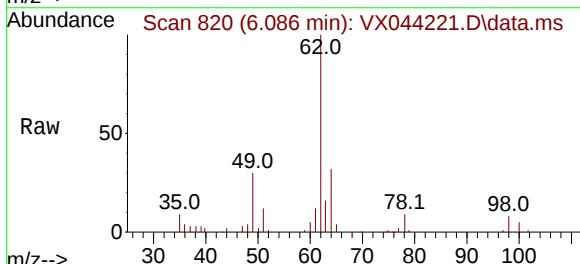
Ion	Ratio	Lower	Upper
41	100		
39	59.0	44.2	66.4
67	67.6	57.2	85.8
52	35.1	24.6	37.0

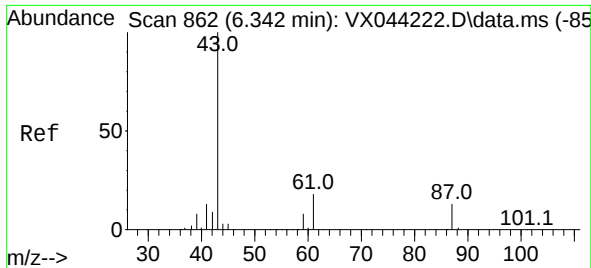


#42
1,2-Dichloroethane
Concen: 19.456 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 62 Resp: 55377

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	15.8





#43

Isopropyl Acetate

Concen: 19.301 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

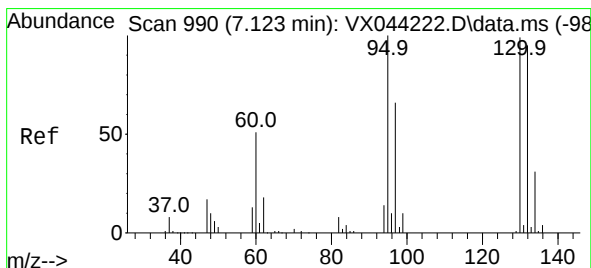
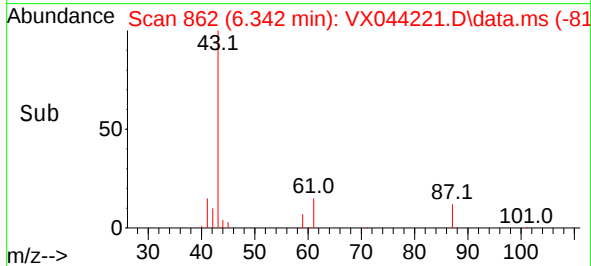
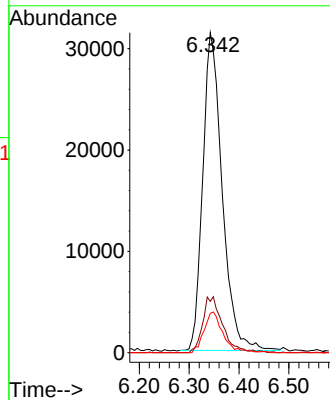
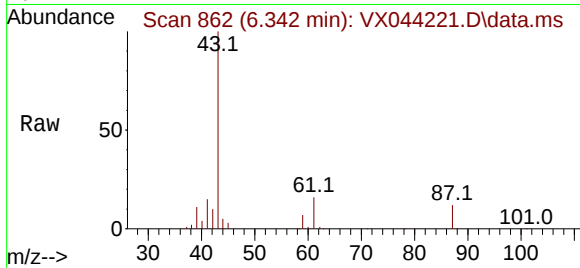
Tgt Ion: 43 Resp: 84866

Ion Ratio Lower Upper

43 100

61 17.7 14.2 21.2

87 12.5 10.2 15.2



#44

Trichloroethene

Concen: 19.149 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX044221.D

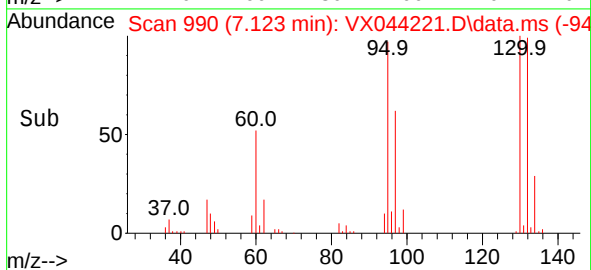
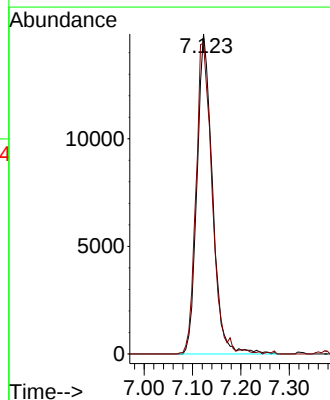
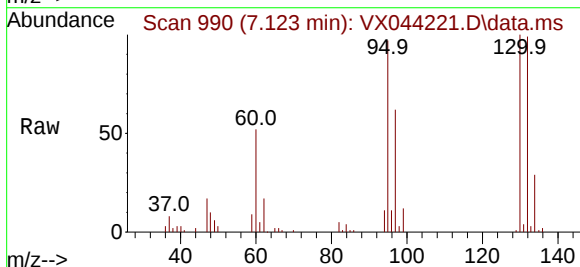
Acq: 11 Dec 2024 11:50

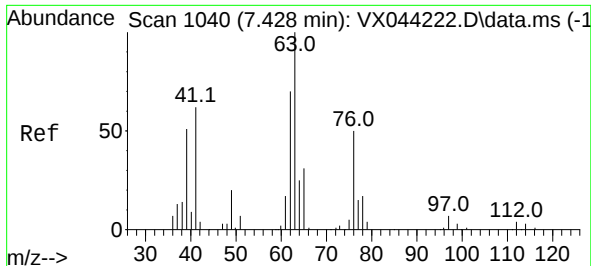
Tgt Ion:130 Resp: 32995

Ion Ratio Lower Upper

130 100

95 97.1 0.0 201.4





#45

1,2-Dichloropropane

Concen: 19.025 ug/l

RT: 7.427 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

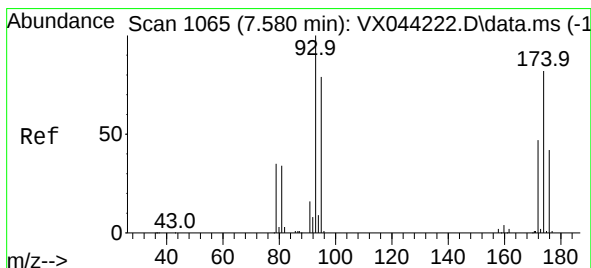
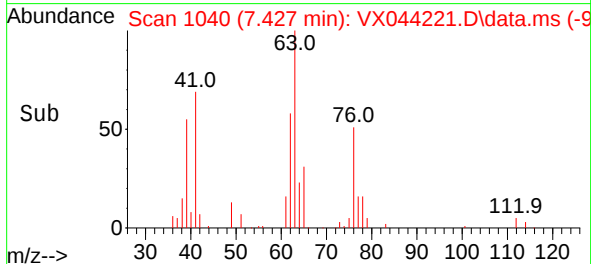
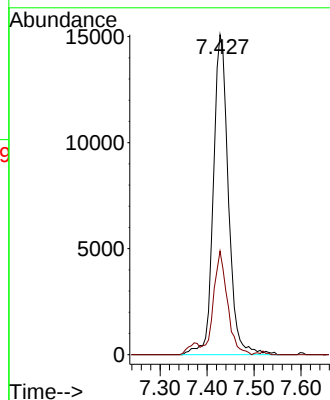
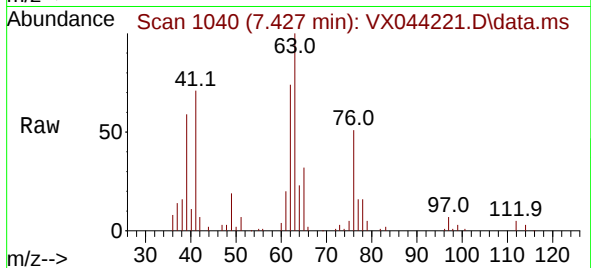
VSTDIC020

Tgt Ion: 63 Resp: 33585

Ion Ratio Lower Upper

63 100

65 32.4 24.6 37.0



#46

Dibromomethane

Concen: 19.199 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

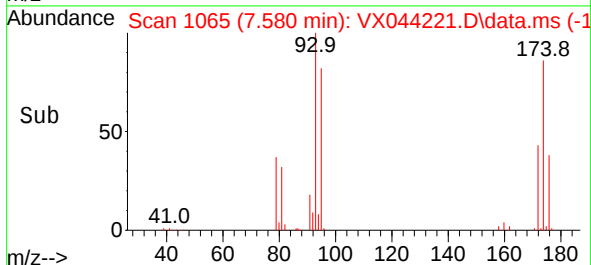
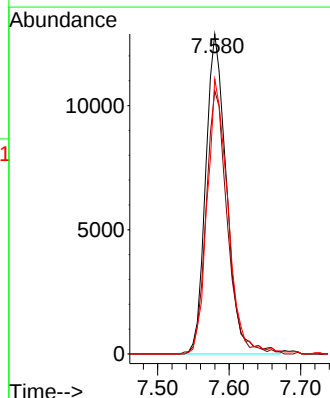
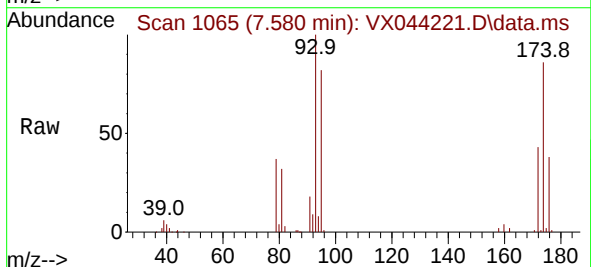
Tgt Ion: 93 Resp: 26293

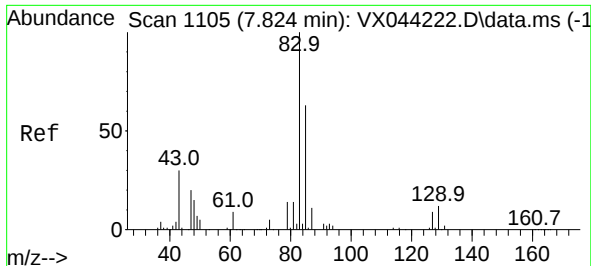
Ion Ratio Lower Upper

93 100

95 83.0 65.4 98.2

174 86.1 67.9 101.9

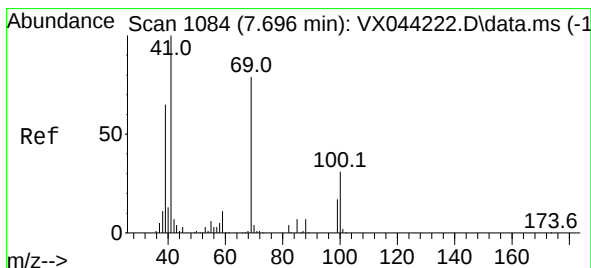
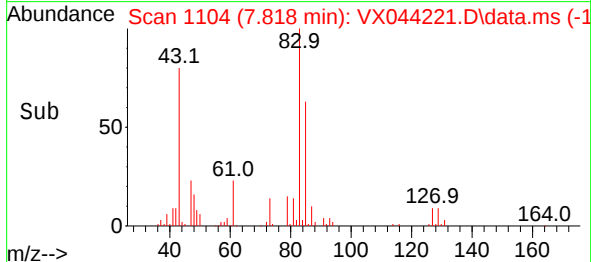
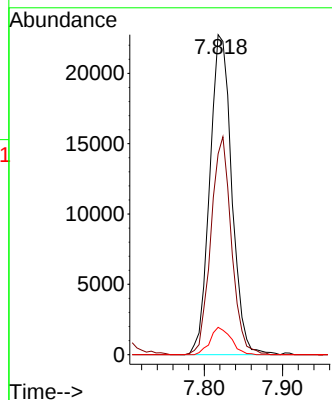
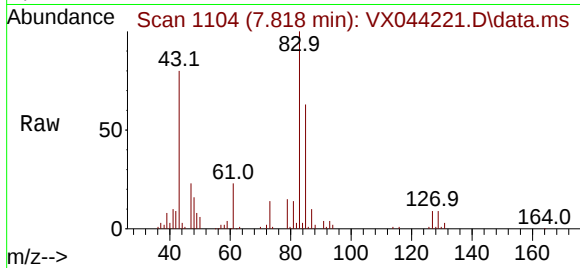




#47
Bromodichloromethane
Concen: 18.735 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

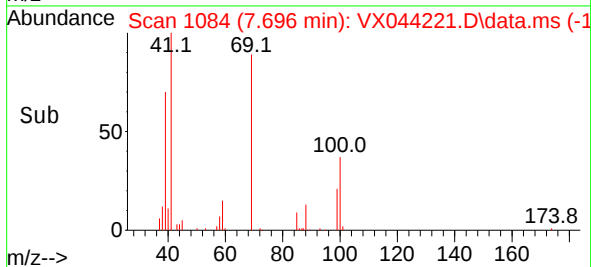
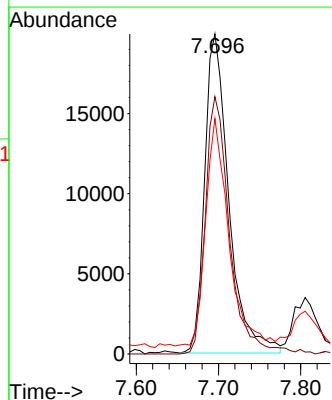
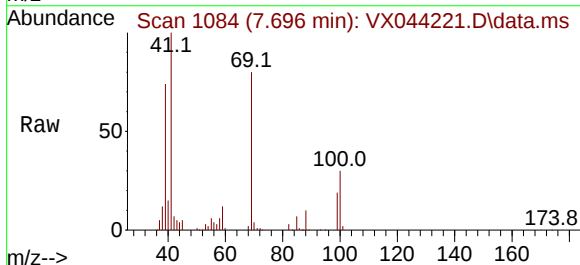
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

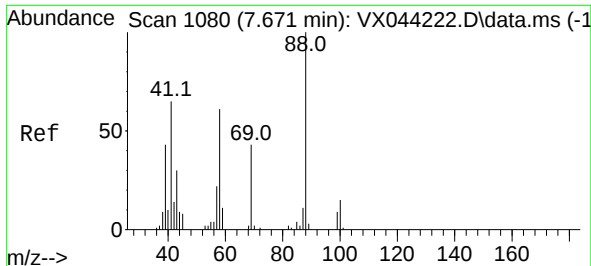
Tgt Ion: 83 Resp: 44312
Ion Ratio Lower Upper
83 100
85 62.7 50.6 75.8
127 8.6 7.3 10.9



#48
Methyl methacrylate
Concen: 19.032 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 41 Resp: 40620
Ion Ratio Lower Upper
41 100
69 80.5 62.4 93.6
39 67.5 53.3 79.9





#49

1,4-Dioxane

Concen: 268.697 ug/l

RT: 7.671 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

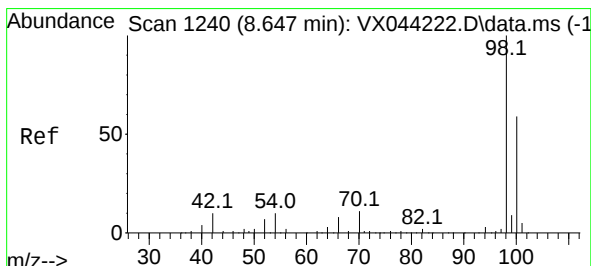
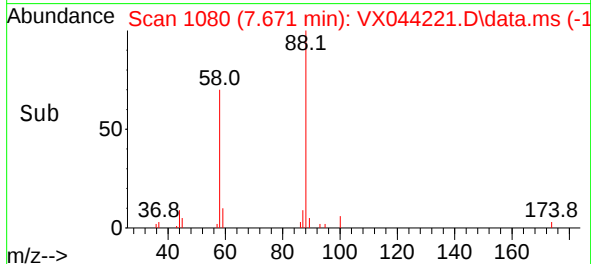
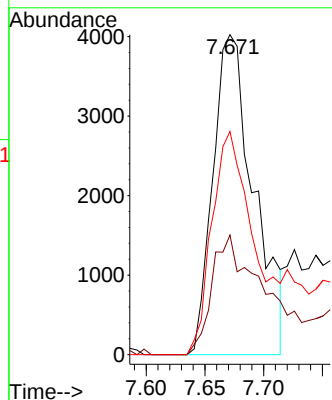
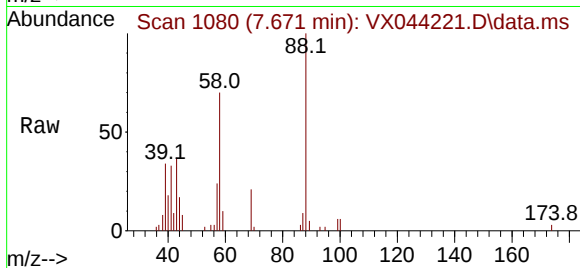
Tgt Ion: 88 Resp: 9801

Ion Ratio Lower Upper

88 100

43 49.5 27.1 40.7#

58 72.2 41.0 61.4#



#50

Toluene-d8

Concen: 17.284 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044221.D

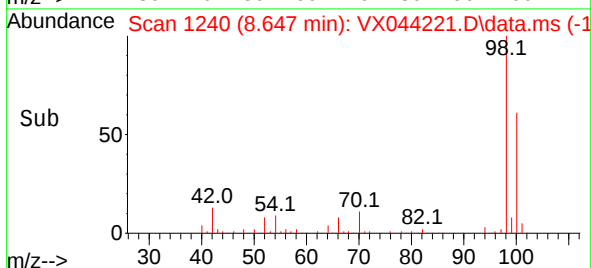
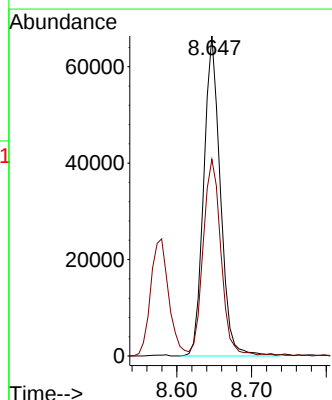
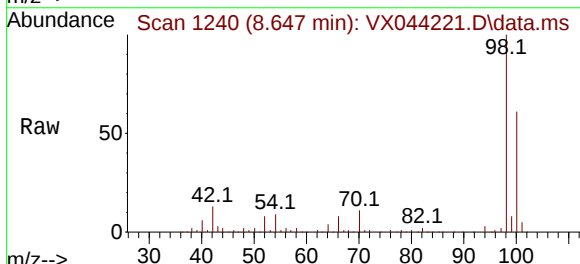
Acq: 11 Dec 2024 11:50

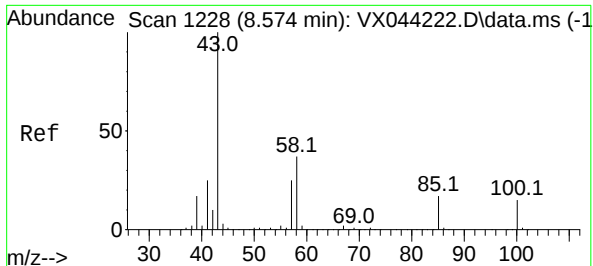
Tgt Ion: 98 Resp: 102660

Ion Ratio Lower Upper

98 100

100 65.4 51.5 77.3

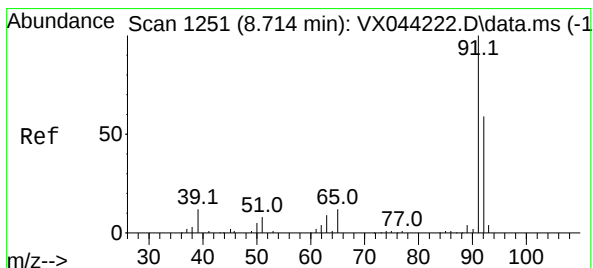
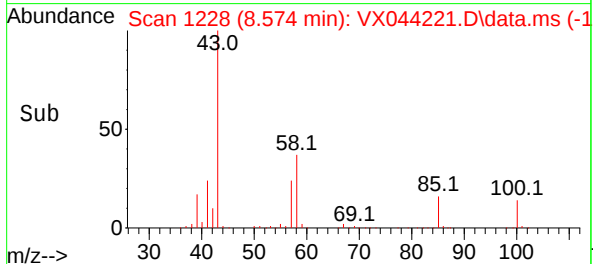
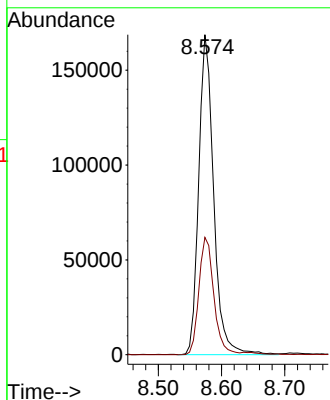
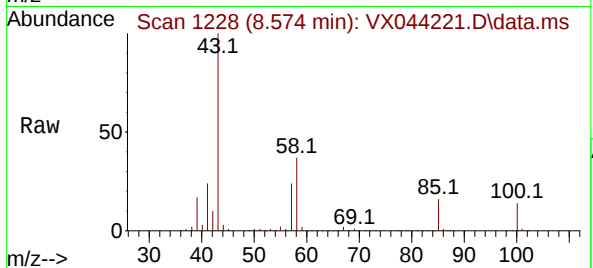




#51
4-Methyl-2-Pentanone
Concen: 98.429 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

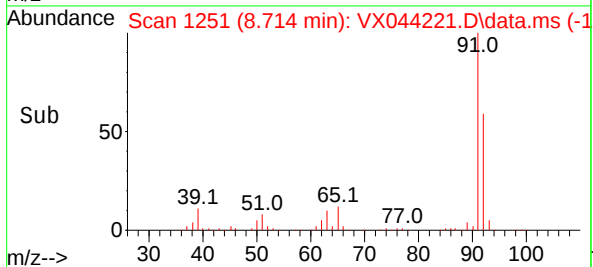
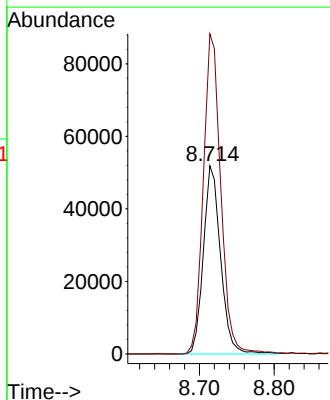
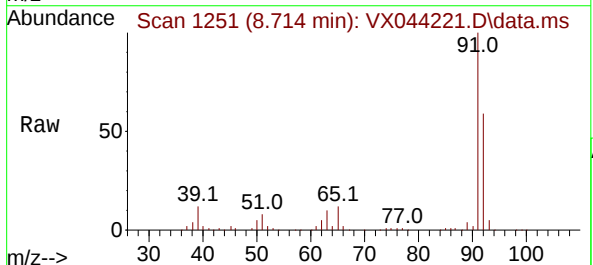
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

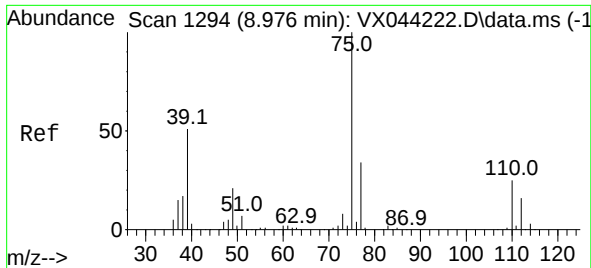
Tgt Ion: 43 Resp: 278267
Ion Ratio Lower Upper
43 100
58 36.6 29.4 44.0



#52
Toluene
Concen: 19.113 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 92 Resp: 82934
Ion Ratio Lower Upper
92 100
91 172.9 137.0 205.6





#53

t-1,3-Dichloropropene

Concen: 18.785 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

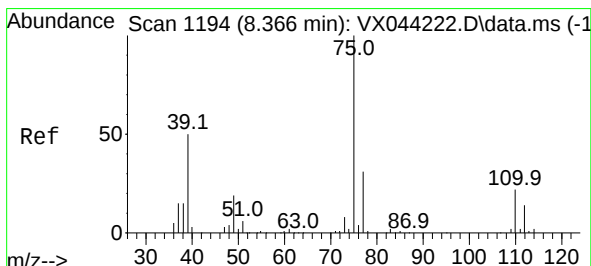
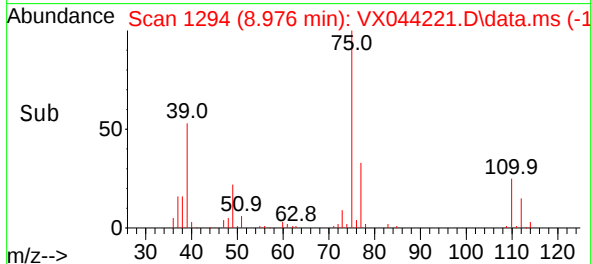
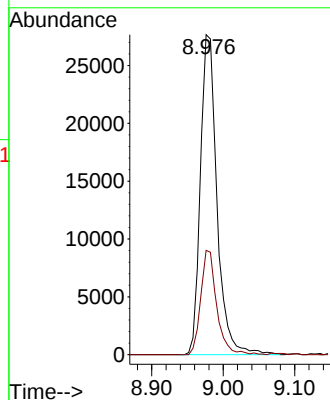
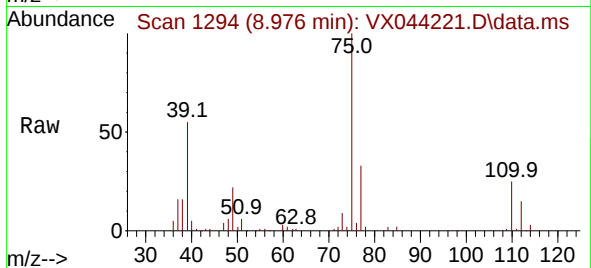
VSTDIC020

Tgt Ion: 75 Resp: 44614

Ion Ratio Lower Upper

75 100

77 32.6 27.2 40.8



#54

cis-1,3-Dichloropropene

Concen: 19.258 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

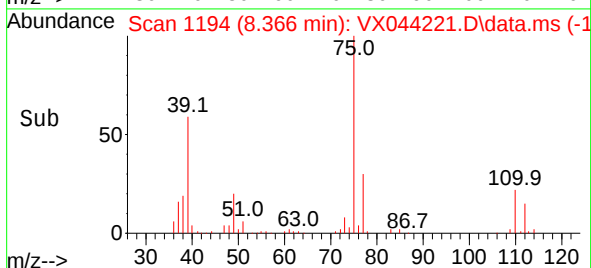
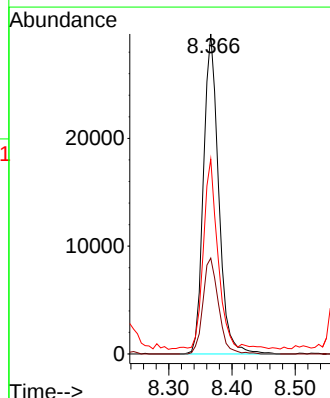
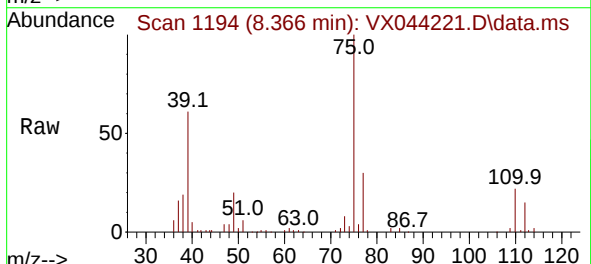
Tgt Ion: 75 Resp: 49596

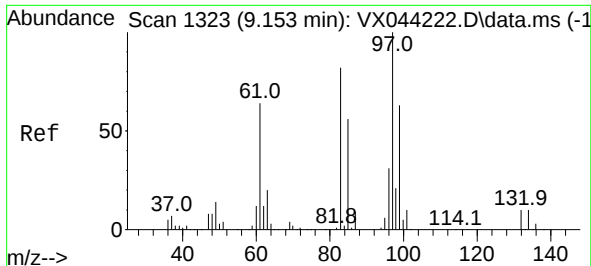
Ion Ratio Lower Upper

75 100

77 30.0 24.7 37.1

39 59.4 40.3 60.5





#55

1,1,2-Trichloroethane

Concen: 19.732 ug/l

RT: 9.147 min Scan# 1323

Delta R.T. -0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 97 Resp: 34013

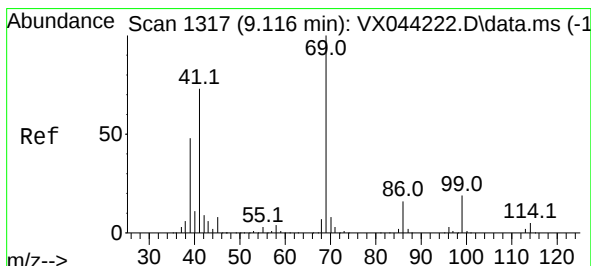
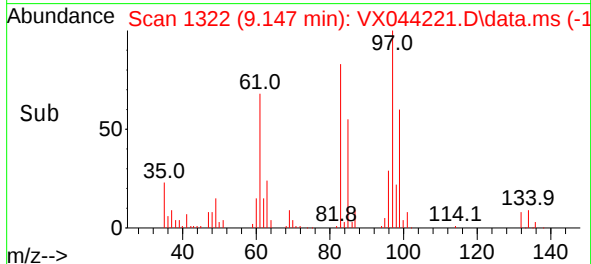
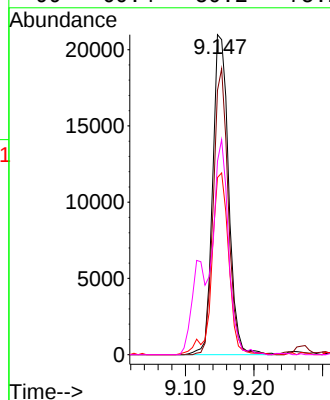
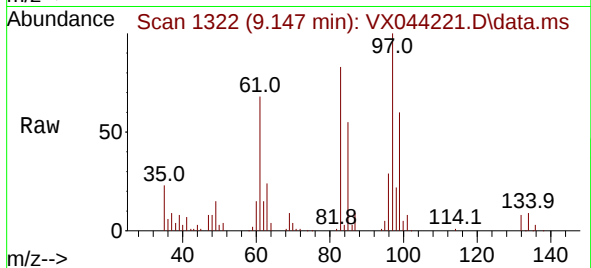
Ion Ratio Lower Upper

97 100

83 82.6 65.3 97.9

85 55.3 44.6 67.0

99 60.4 50.2 75.2



#56

Ethyl methacrylate

Concen: 19.318 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

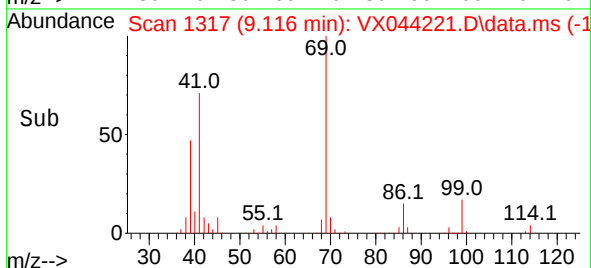
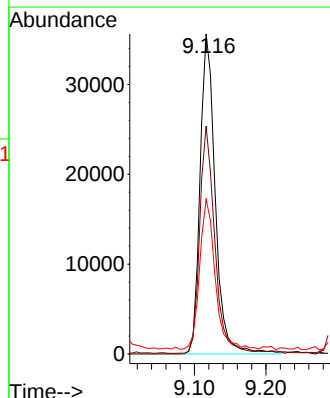
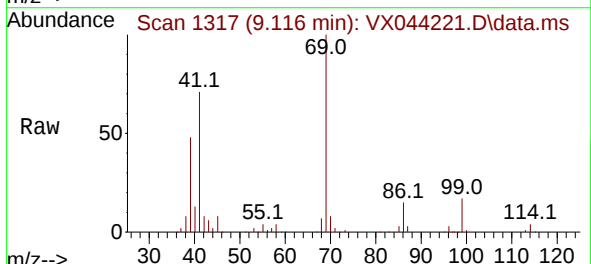
Tgt Ion: 69 Resp: 52571

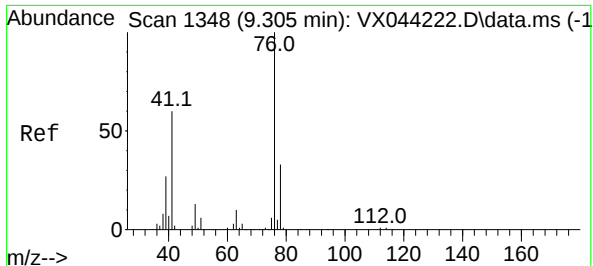
Ion Ratio Lower Upper

69 100

41 70.3 56.6 85.0

39 47.8 37.4 56.0

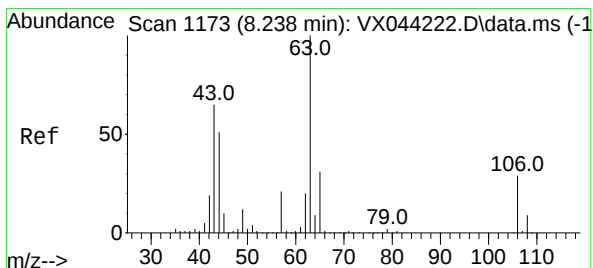
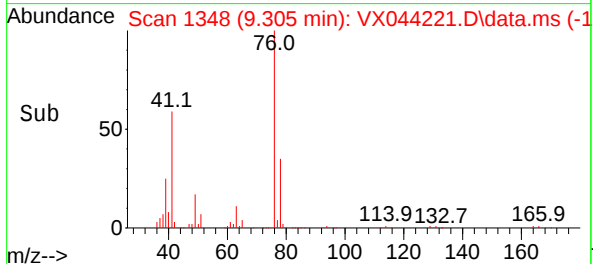
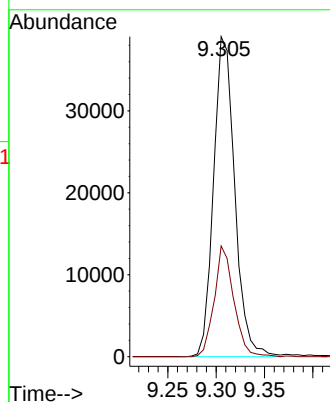
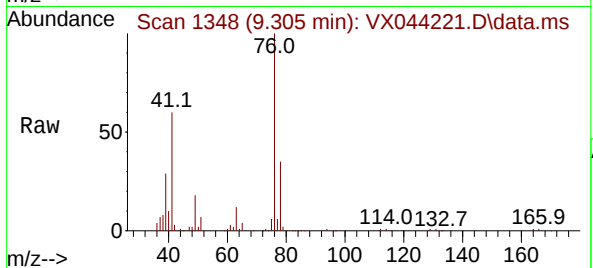




#57
1,3-Dichloropropane
Concen: 19.827 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

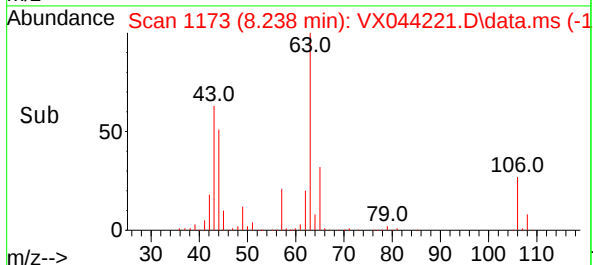
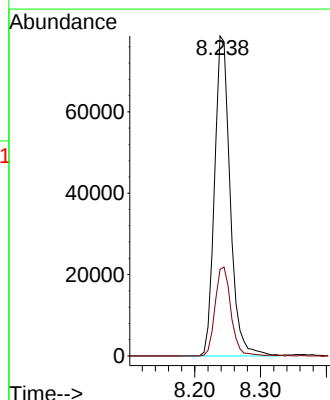
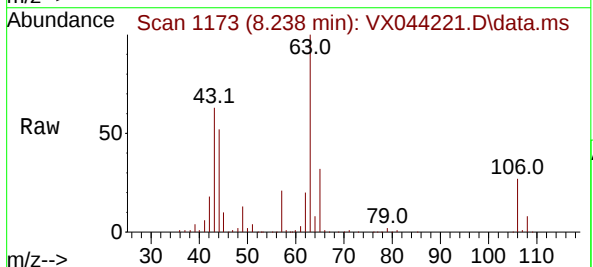
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

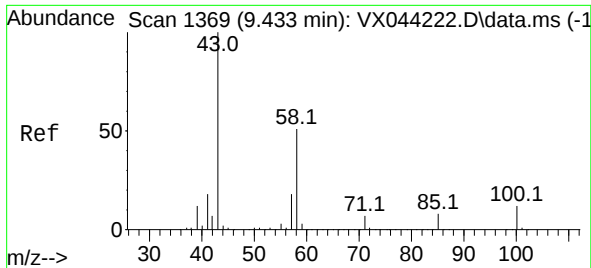
Tgt Ion: 76 Resp: 59489
Ion Ratio Lower Upper
76 100
78 31.9 26.5 39.7



#58
2-Chloroethyl Vinyl ether
Concen: 94.642 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 63 Resp: 129900
Ion Ratio Lower Upper
63 100
106 28.4 22.8 34.2





#59

2-Hexanone

Concen: 101.440 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

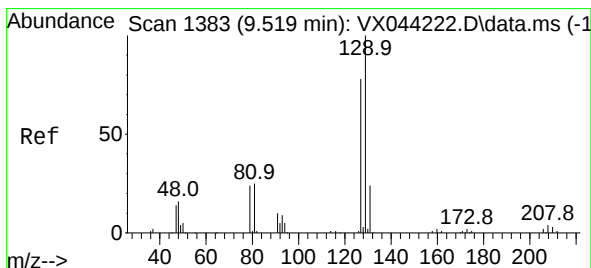
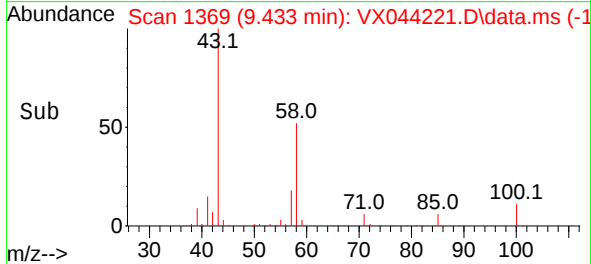
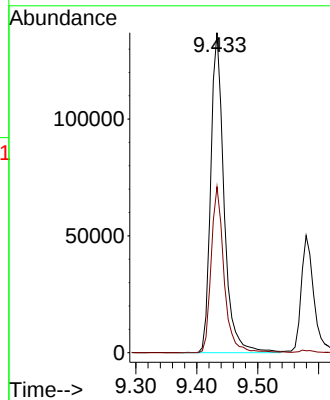
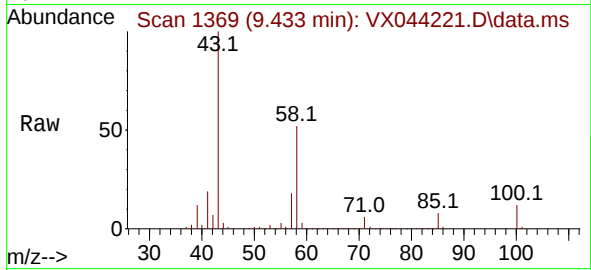
VSTDICC020

Tgt Ion: 43 Resp: 207578

Ion Ratio Lower Upper

43 100

58 50.4 25.7 77.0



#60

Dibromochloromethane

Concen: 18.318 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX044221.D

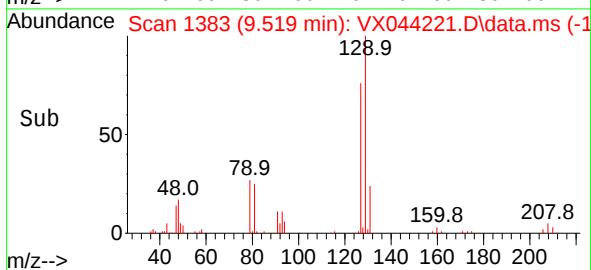
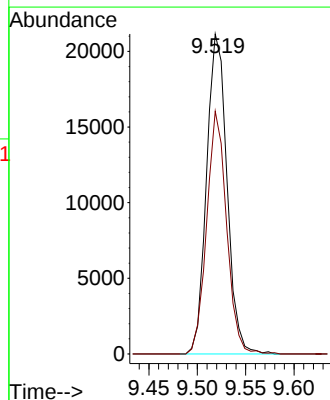
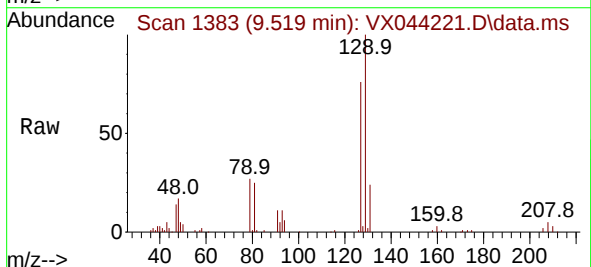
Acq: 11 Dec 2024 11:50

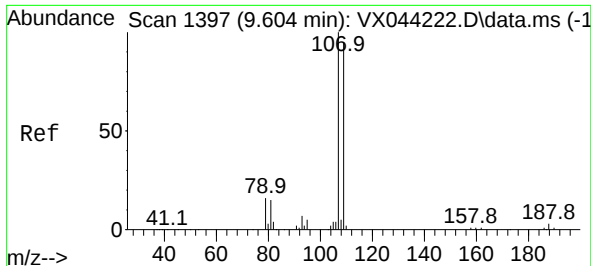
Tgt Ion: 129 Resp: 31066

Ion Ratio Lower Upper

129 100

127 74.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.935 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

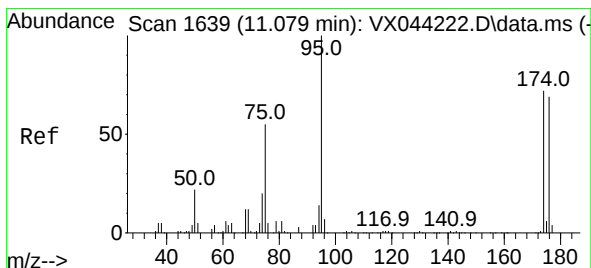
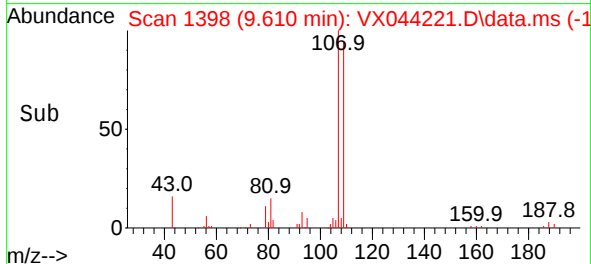
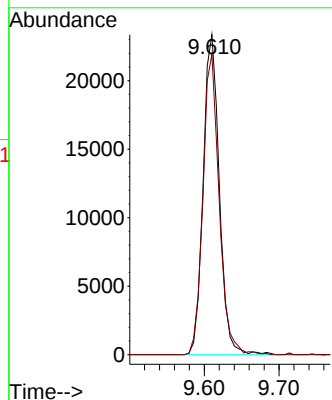
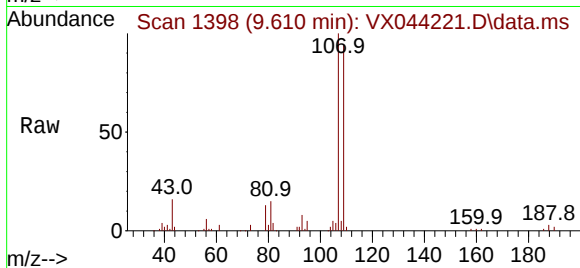
VSTDIC020

Tgt Ion:107 Resp: 34978

Ion Ratio Lower Upper

107 100

109 94.4 77.0 115.4



#62

4-Bromofluorobenzene

Concen: 17.175 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

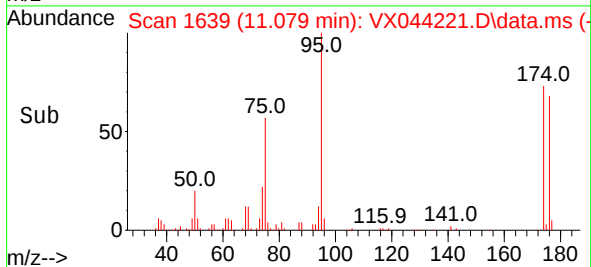
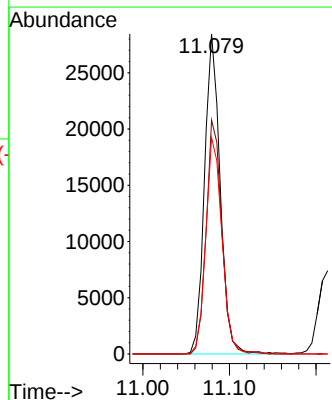
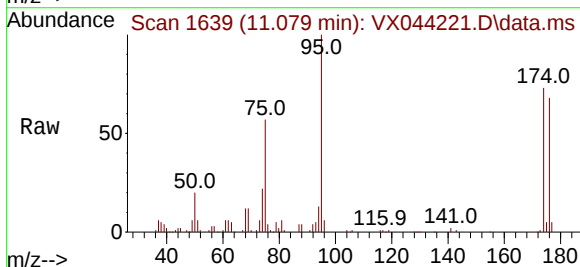
Tgt Ion: 95 Resp: 35645

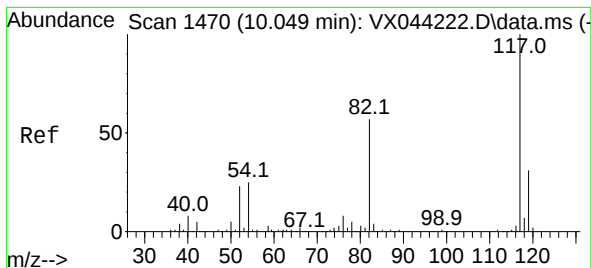
Ion Ratio Lower Upper

95 100

174 73.3 0.0 145.8

176 70.5 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

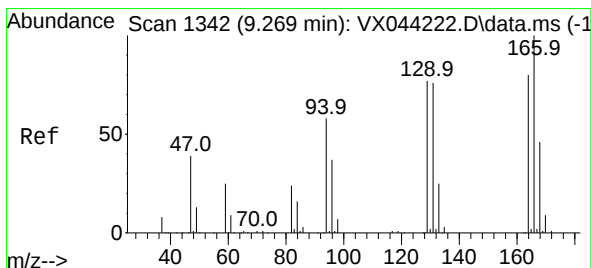
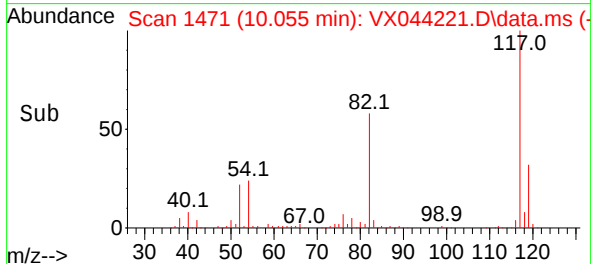
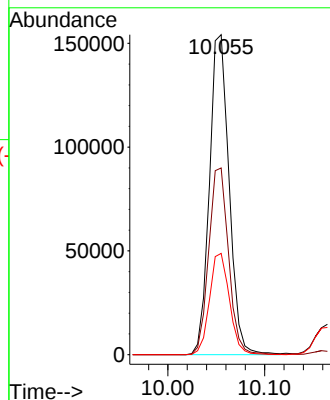
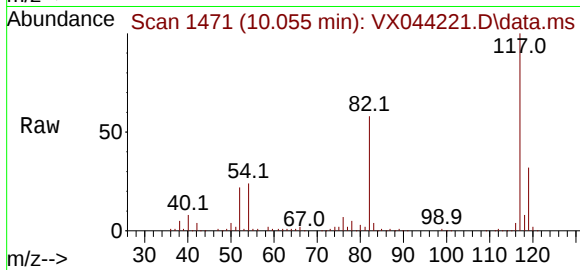
Tgt Ion:117 Resp: 218148

Ion Ratio Lower Upper

117 100

82 58.3 45.8 68.8

119 31.6 25.0 37.4



#64

Tetrachloroethene

Concen: 19.133 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Tgt Ion:164 Resp: 27702

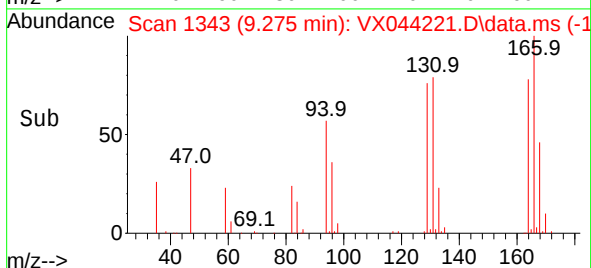
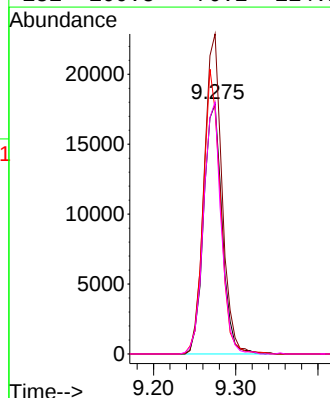
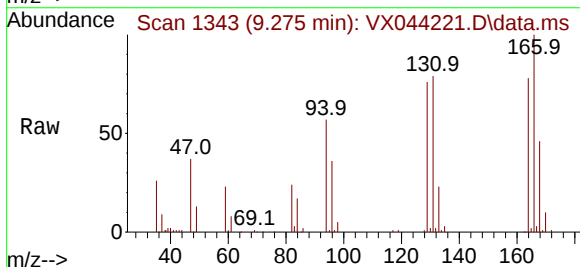
Ion Ratio Lower Upper

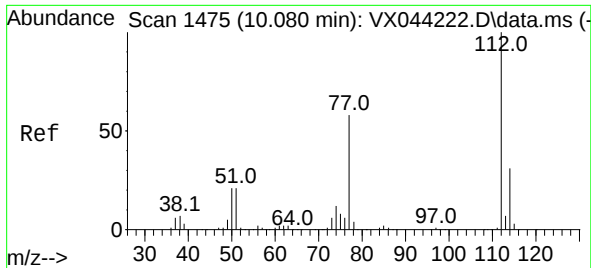
164 100

166 128.0 100.4 150.6

129 97.5 77.2 115.8

131 100.8 76.2 114.2

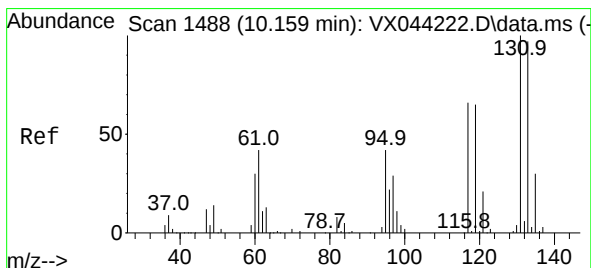
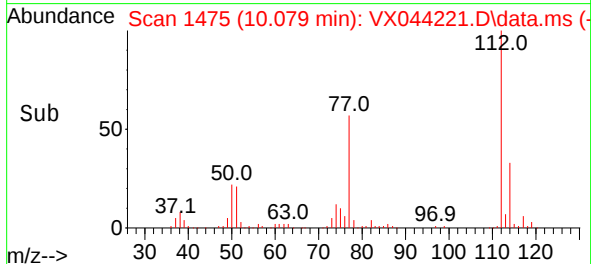
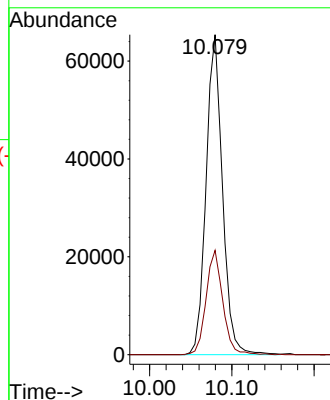
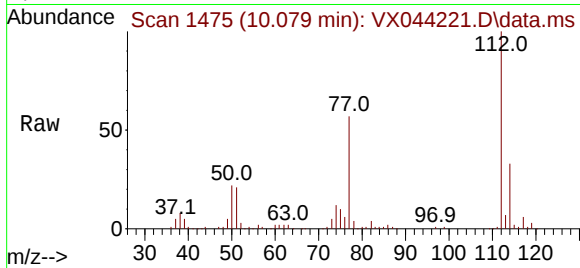




#65
Chlorobenzene
Concen: 19.389 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

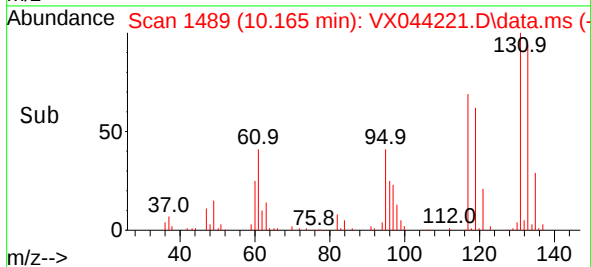
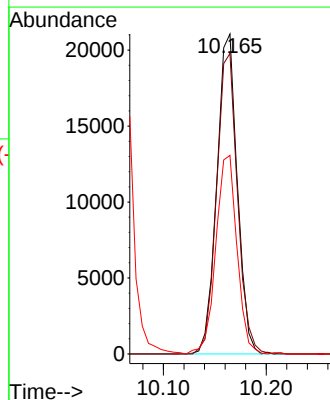
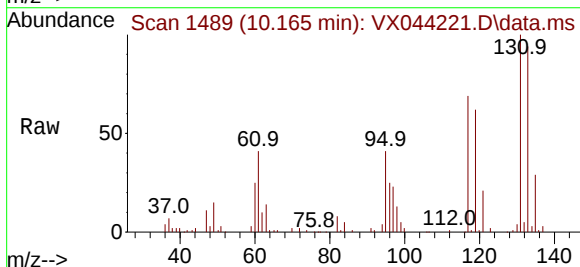
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

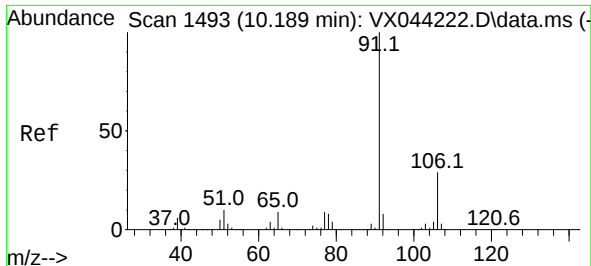
Tgt Ion:112 Resp: 90631
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.392 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion:131 Resp: 29132
Ion Ratio Lower Upper
131 100
133 95.8 47.3 141.8
119 64.0 31.6 95.0





#67

Ethyl Benzene

Concen: 19.619 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

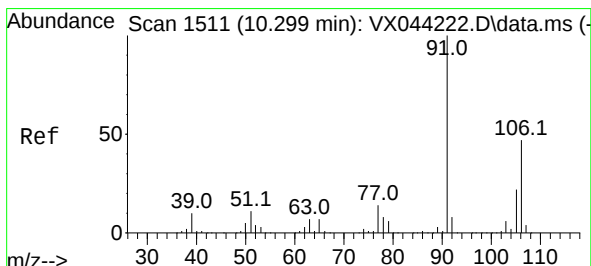
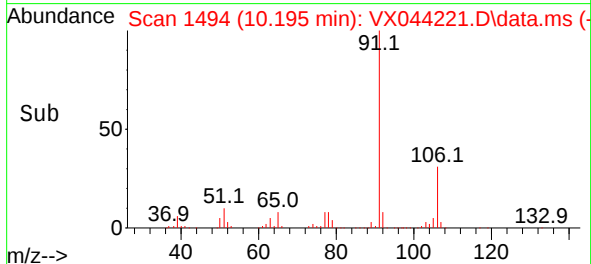
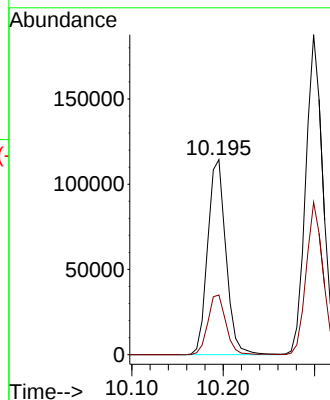
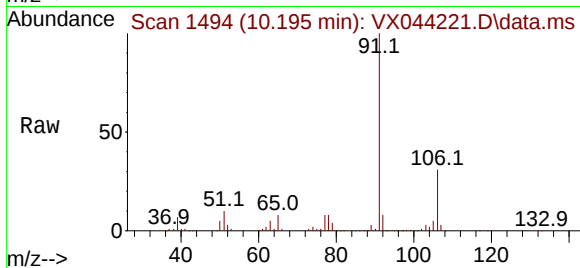
VSTDIC020

Tgt Ion: 91 Resp: 158455

Ion Ratio Lower Upper

91 100

106 30.6 23.5 35.3



#68

m/p-Xylenes

Concen: 39.183 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044221.D

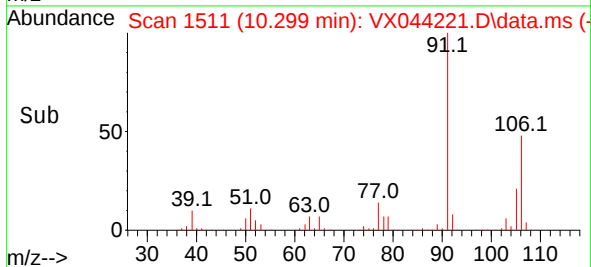
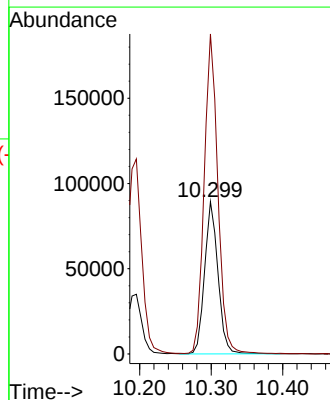
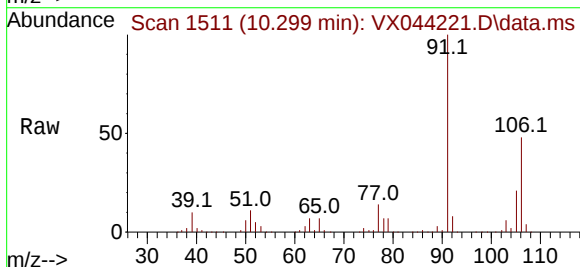
Acq: 11 Dec 2024 11:50

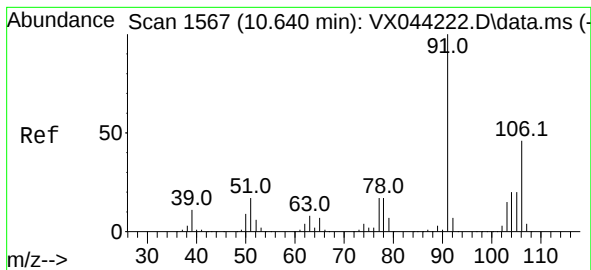
Tgt Ion:106 Resp: 116126

Ion Ratio Lower Upper

106 100

91 215.5 170.2 255.2





#69

o-Xylene

Concen: 19.938 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

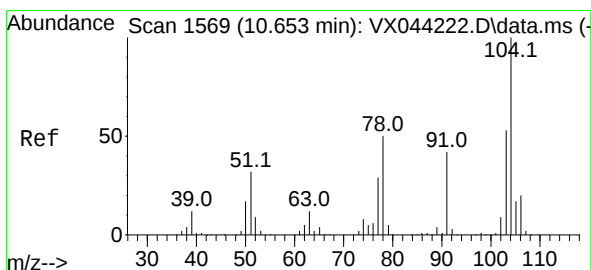
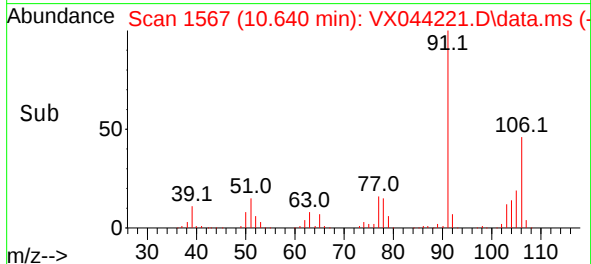
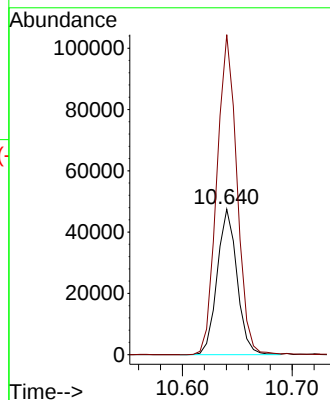
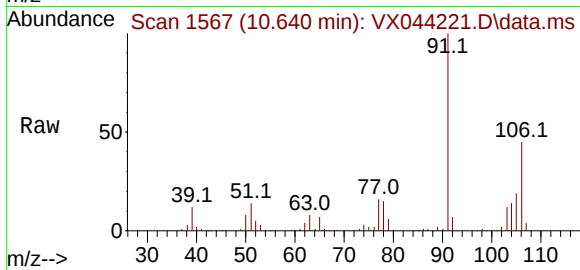
VSTDIC020

Tgt Ion:106 Resp: 59787

Ion Ratio Lower Upper

106 100

91 223.6 112.3 337.0



#70

Styrene

Concen: 19.946 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

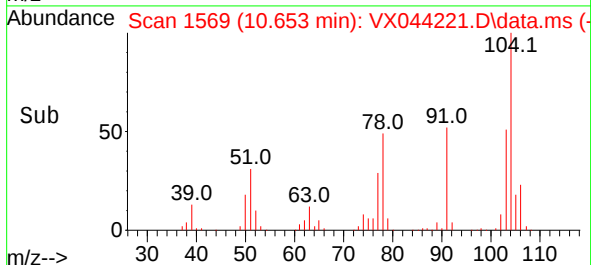
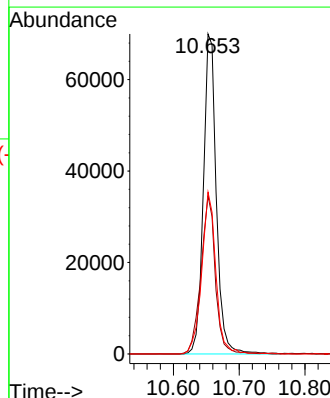
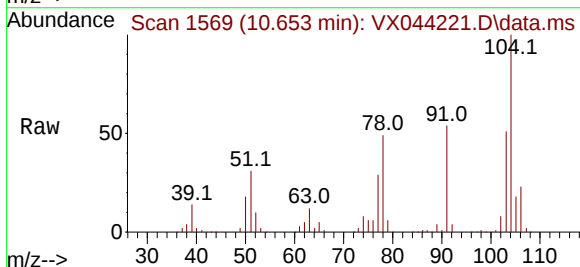
Tgt Ion:104 Resp: 95883

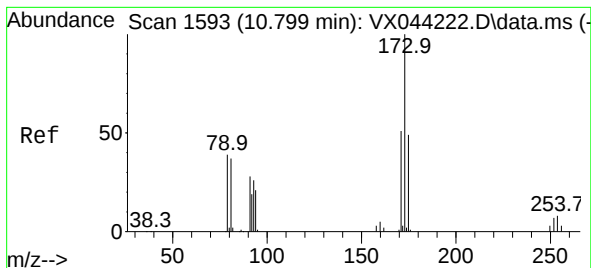
Ion Ratio Lower Upper

104 100

78 54.7 44.6 67.0

103 55.2 45.4 68.0





#71

Bromoform

Concen: 18.112 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

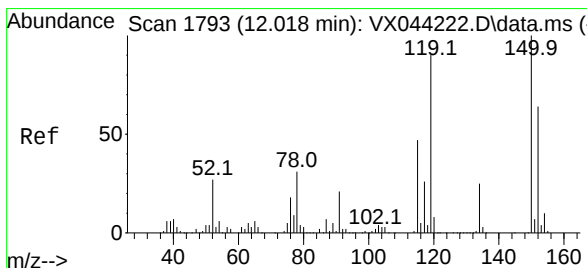
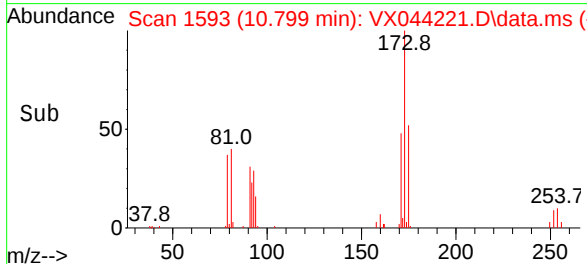
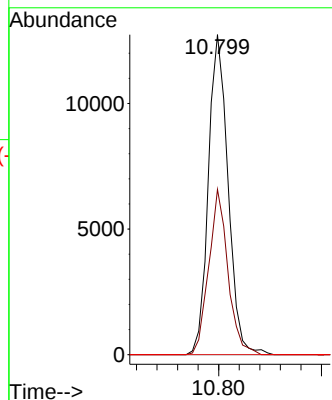
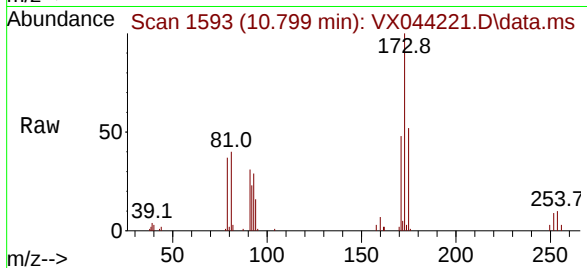
Tgt Ion:173 Resp: 16924

Ion Ratio Lower Upper

173 100

175 50.5 23.8 71.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

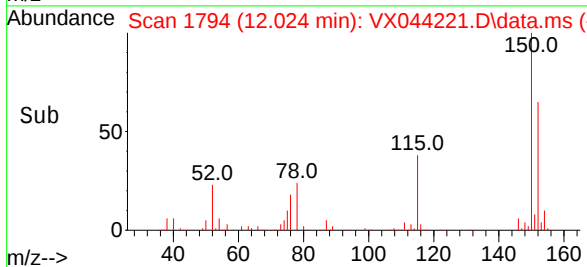
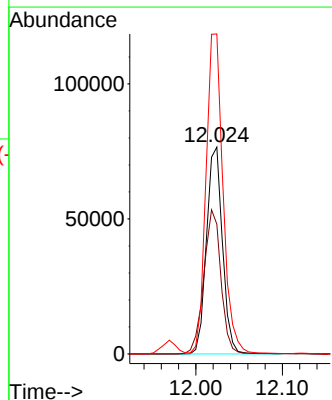
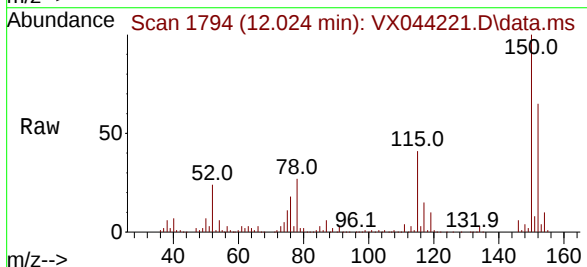
Tgt Ion:152 Resp: 98180

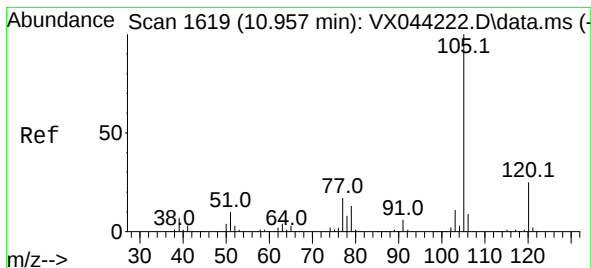
Ion Ratio Lower Upper

152 100

115 74.8 44.5 133.3

150 164.2 0.0 353.8





#73

Isopropylbenzene

Concen: 20.481 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

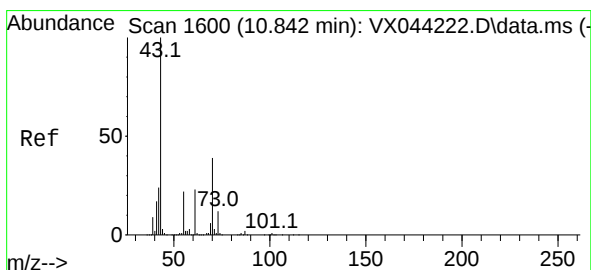
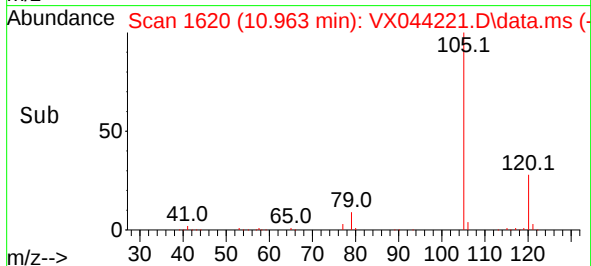
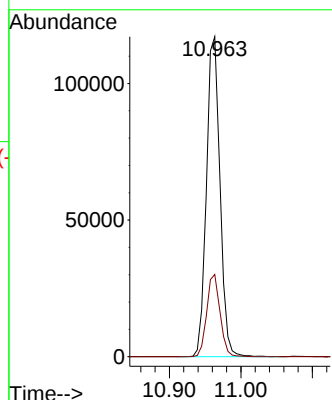
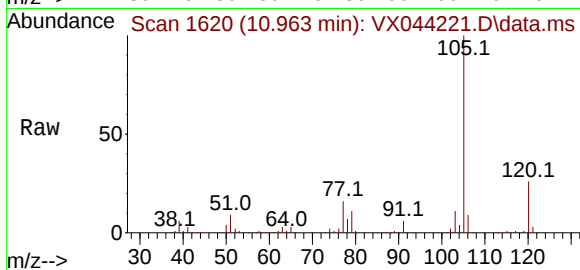
VSTDICC020

Tgt Ion:105 Resp: 153935

Ion Ratio Lower Upper

105 100

120 25.3 13.1 39.3



#74

N-ethyl acetate

Concen: 20.049 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Tgt Ion: 43 Resp: 69643

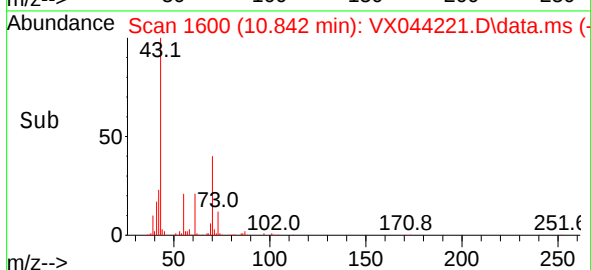
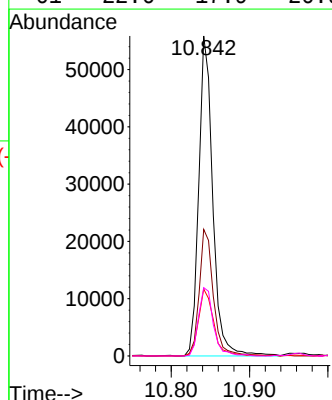
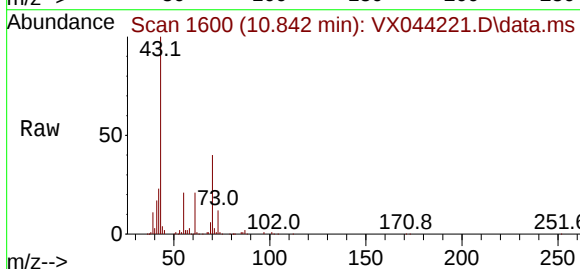
Ion Ratio Lower Upper

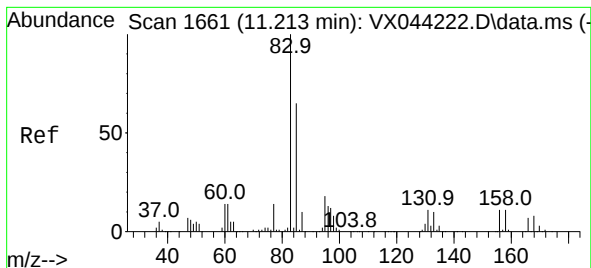
43 100

70 39.8 31.9 47.9

55 22.8 17.9 26.9

61 22.6 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.039 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

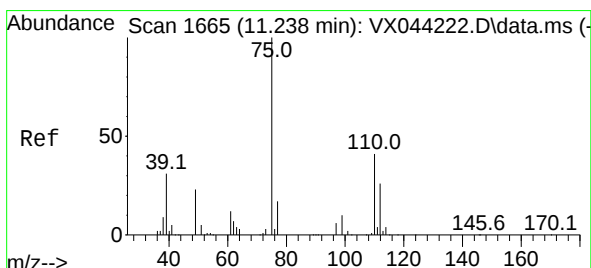
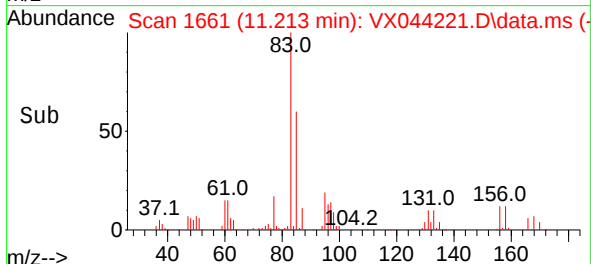
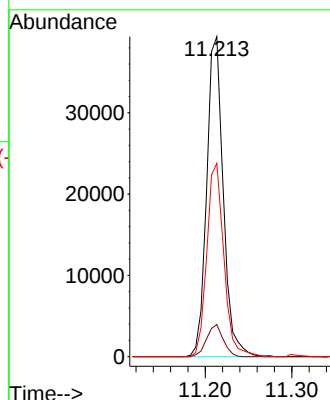
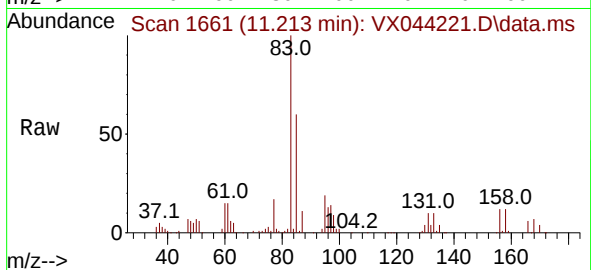
Tgt Ion: 83 Resp: 52312

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.4

85 62.1 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 24.859 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX044221.D

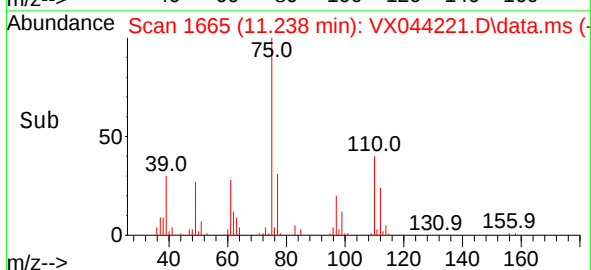
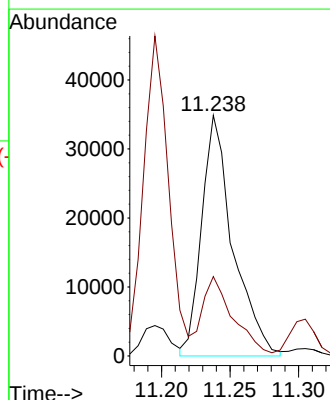
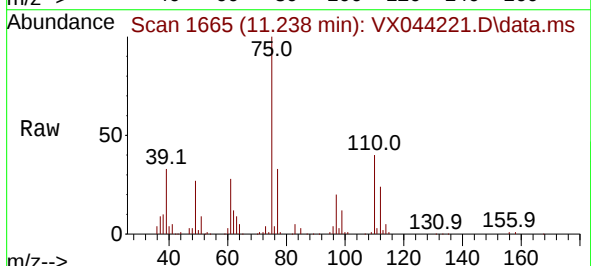
Acq: 11 Dec 2024 11:50

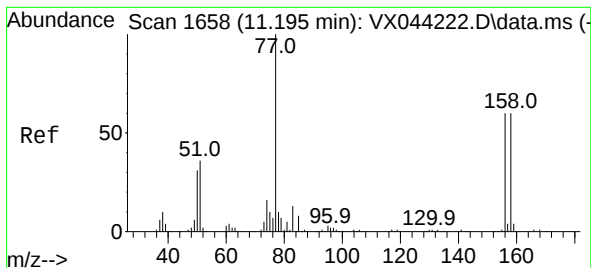
Tgt Ion: 75 Resp: 55384

Ion Ratio Lower Upper

75 100

77 33.2 20.9 62.7





#77

Bromobenzene

Concen: 19.176 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

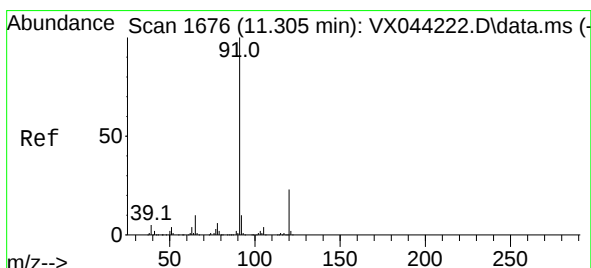
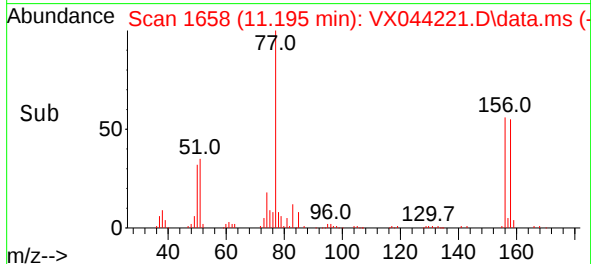
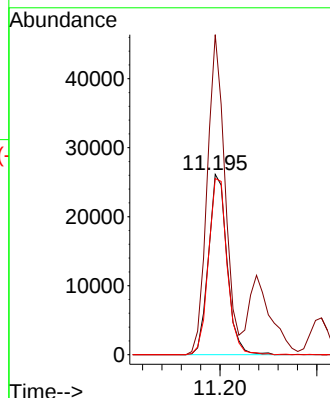
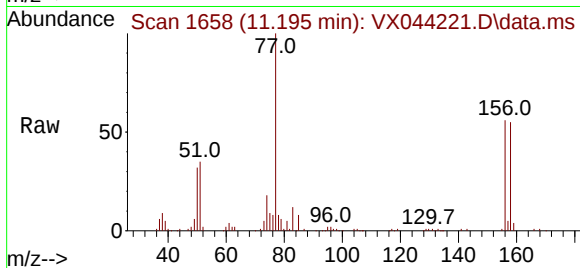
Tgt Ion:156 Resp: 34951

Ion Ratio Lower Upper

156 100

77 169.4 82.6 247.8

158 98.1 48.8 146.4



#78

n-propylbenzene

Concen: 20.419 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX044221.D

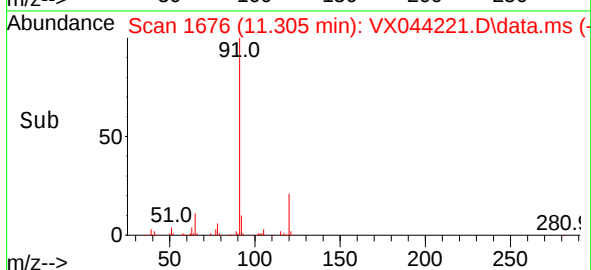
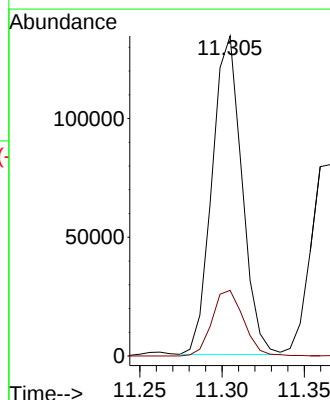
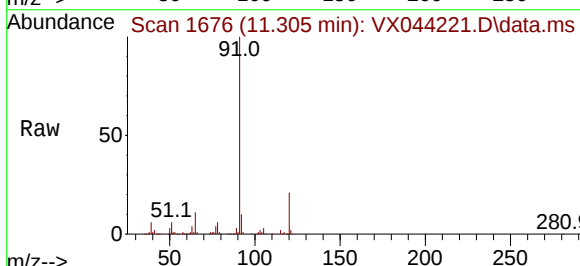
Acq: 11 Dec 2024 11:50

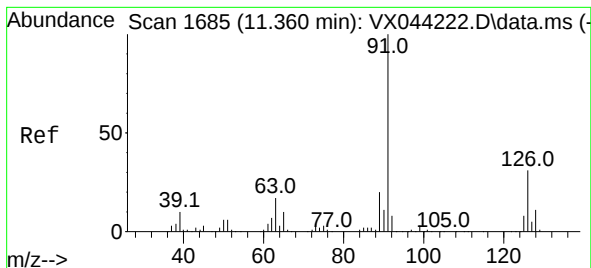
Tgt Ion: 91 Resp: 169622

Ion Ratio Lower Upper

91 100

120 21.8 11.0 33.0





#79

2-Chlorotoluene

Concen: 19.788 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

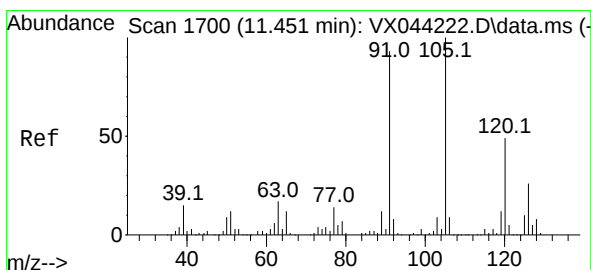
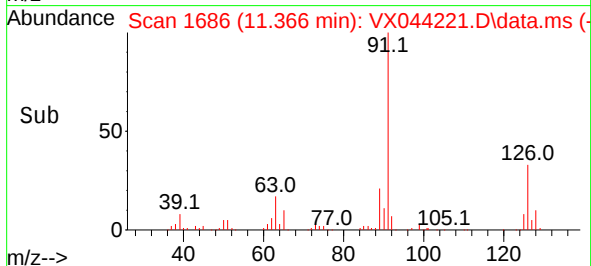
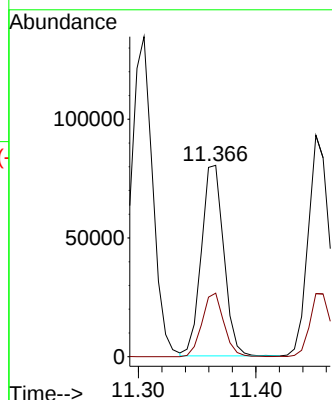
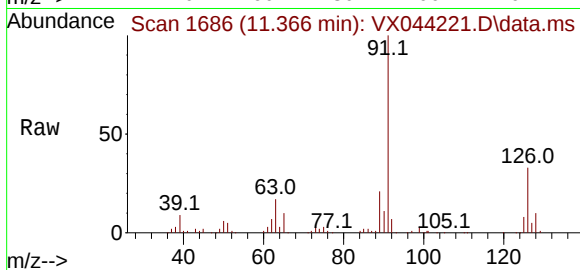
VSTDIC020

Tgt Ion: 91 Resp: 106310

Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 20.315 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044221.D

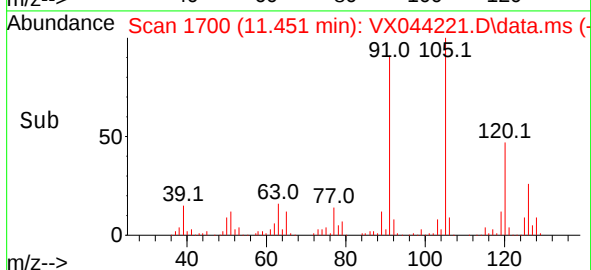
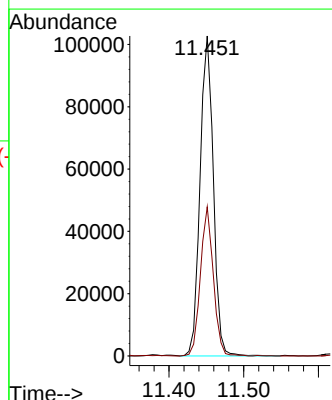
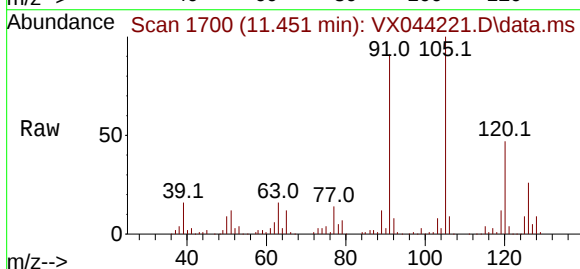
Acq: 11 Dec 2024 11:50

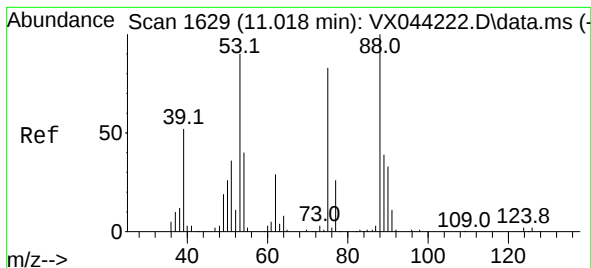
Tgt Ion:105 Resp: 126626

Ion Ratio Lower Upper

105 100

120 45.4 23.8 71.4

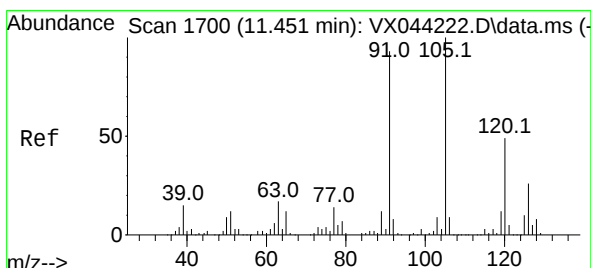
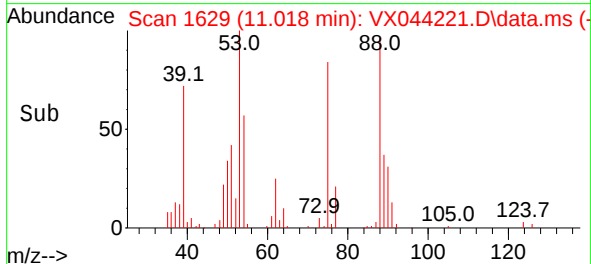
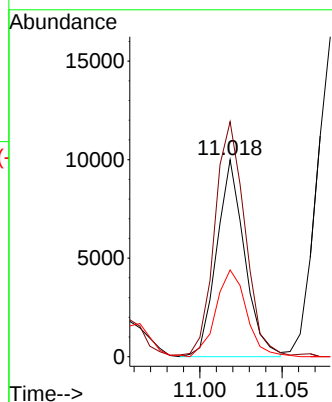
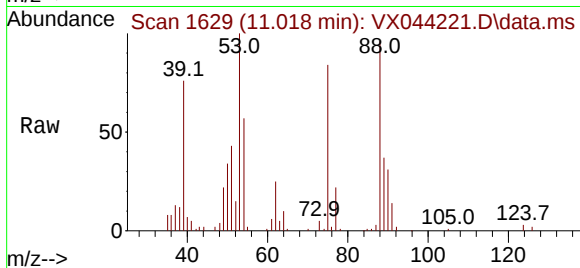




#81
trans-1,4-Dichloro-2-butene
Concen: 19.264 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

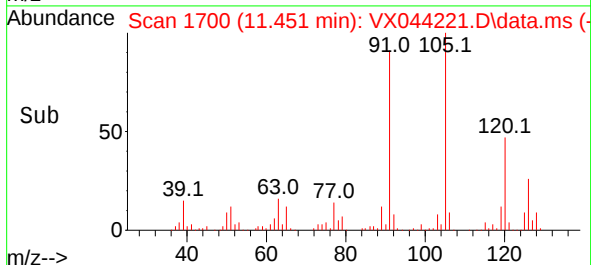
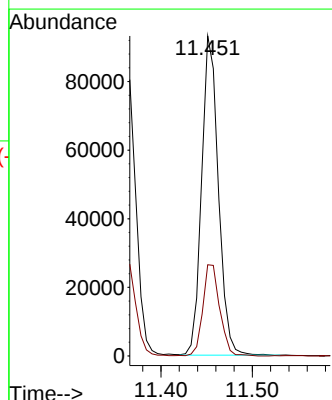
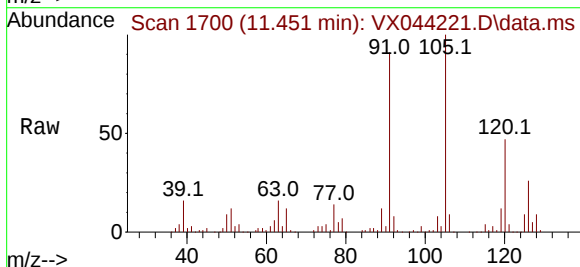
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

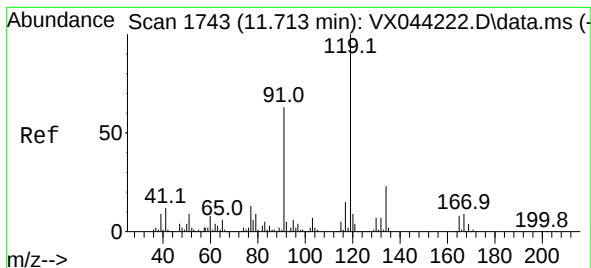
Tgt Ion: 75 Resp: 11784
Ion Ratio Lower Upper
75 100
53 130.8 93.6 140.4
89 48.1 37.3 55.9



#82
4-Chlorotoluene
Concen: 19.886 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044221.D
Acq: 11 Dec 2024 11:50

Tgt Ion: 91 Resp: 118309
Ion Ratio Lower Upper
91 100
126 28.9 14.5 43.5





#83

tert-Butylbenzene

Concen: 19.794 ug/l

RT: 11.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

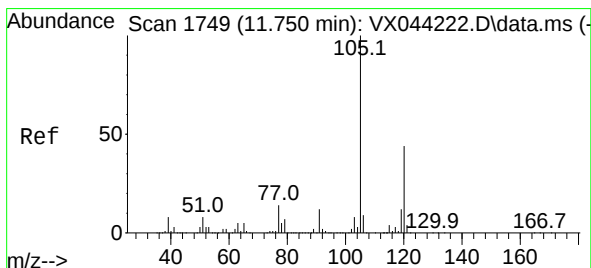
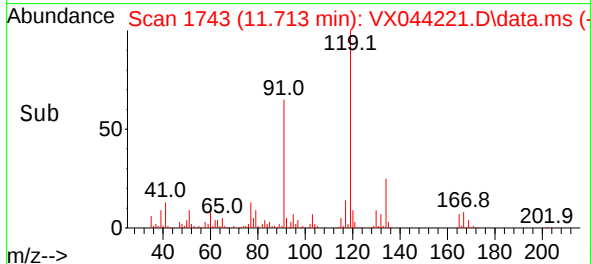
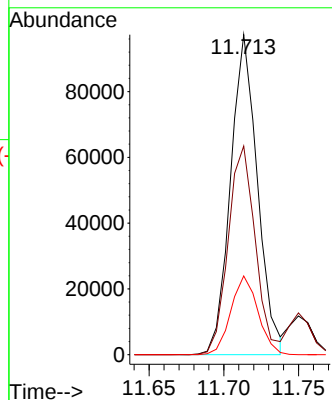
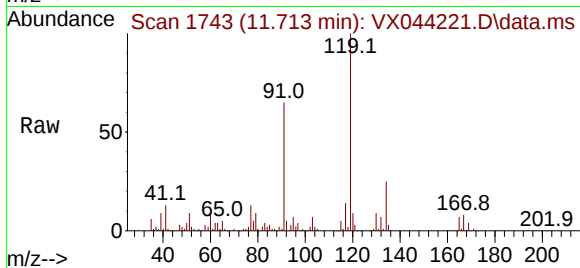
Tgt Ion:119 Resp: 121929

Ion Ratio Lower Upper

119 100

91 66.0 30.9 92.5

134 24.8 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 20.574 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044221.D

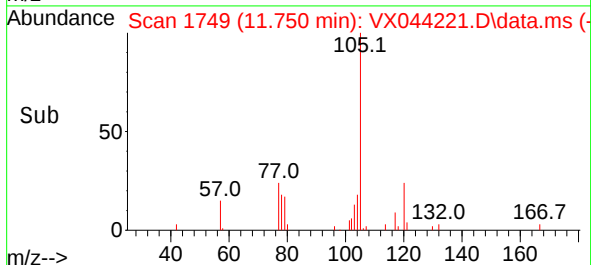
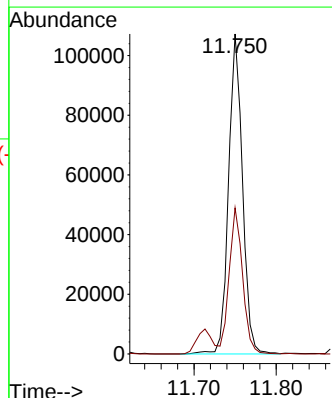
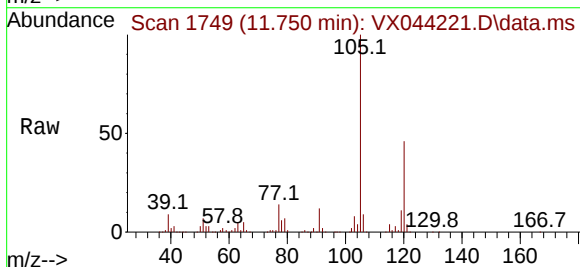
Acq: 11 Dec 2024 11:50

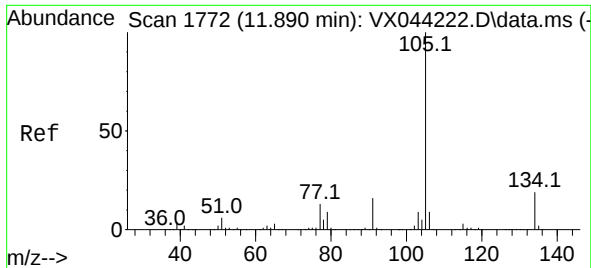
Tgt Ion:105 Resp: 125939

Ion Ratio Lower Upper

105 100

120 43.8 21.7 65.1





#85

sec-Butylbenzene

Concen: 20.165 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

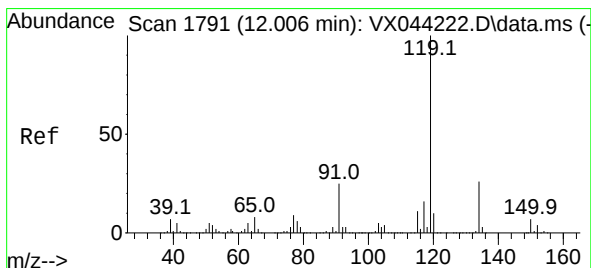
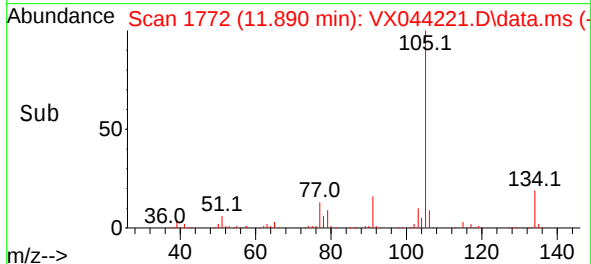
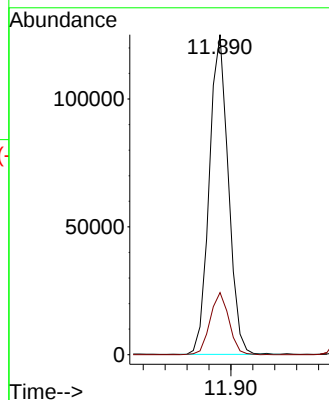
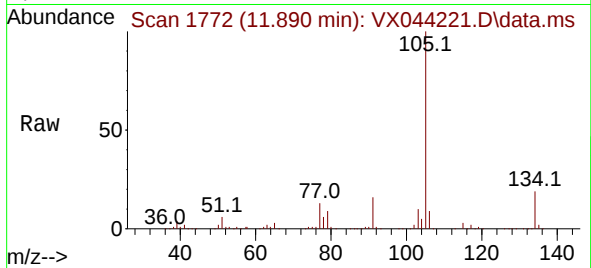
VSTDICC020

Tgt Ion:105 Resp: 150795

Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.4



#86

p-Isopropyltoluene

Concen: 20.532 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

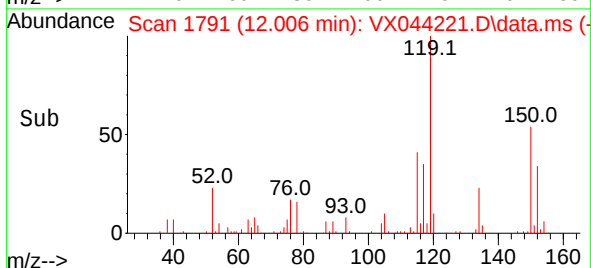
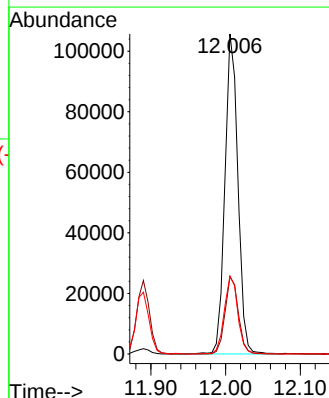
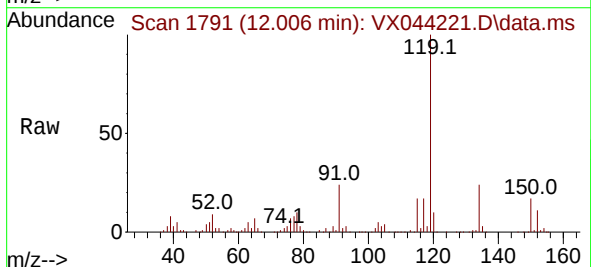
Tgt Ion:119 Resp: 127790

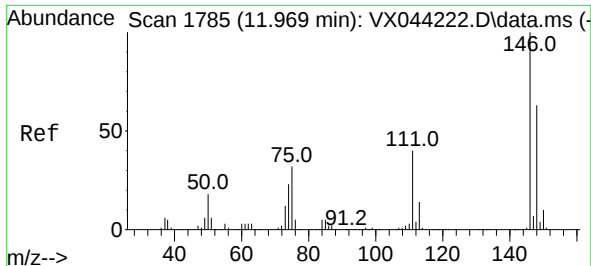
Ion Ratio Lower Upper

119 100

134 24.6 12.8 38.4

91 25.4 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 20.228 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

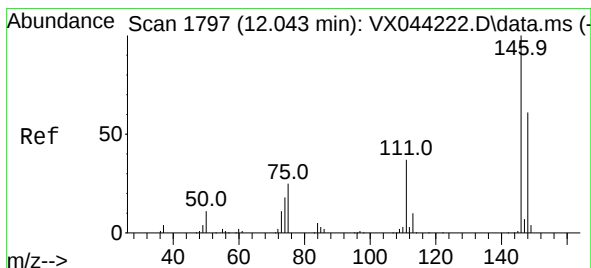
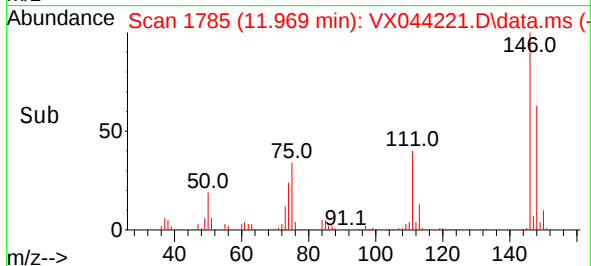
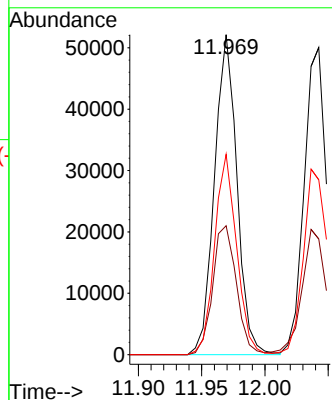
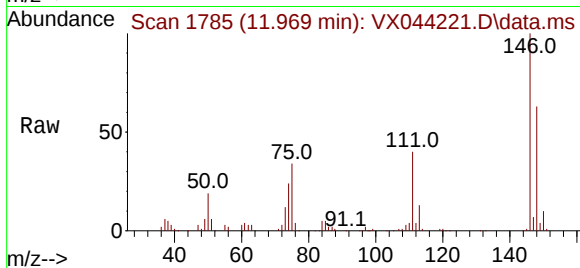
Tgt Ion:146 Resp: 64399

Ion Ratio Lower Upper

146 100

111 42.5 21.4 64.2

148 61.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.588 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

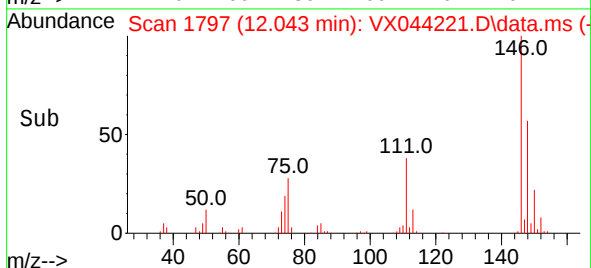
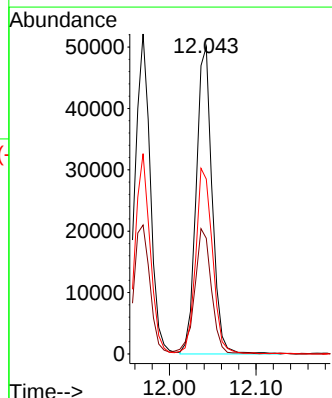
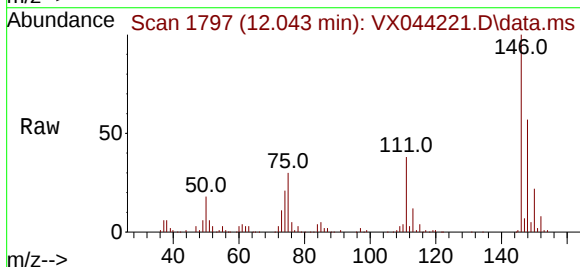
Tgt Ion:146 Resp: 64106

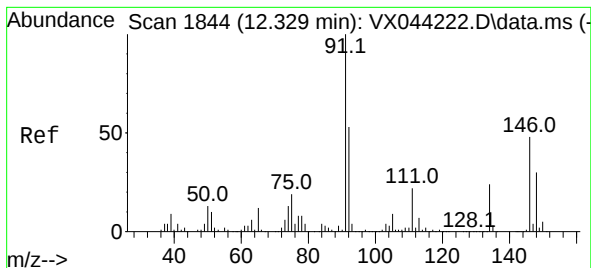
Ion Ratio Lower Upper

146 100

111 42.7 21.0 63.0

148 63.2 32.3 96.8





#89

n-Butylbenzene

Concen: 19.950 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

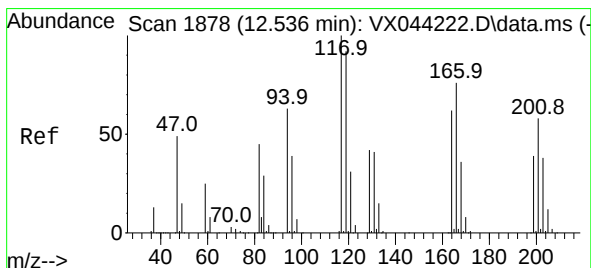
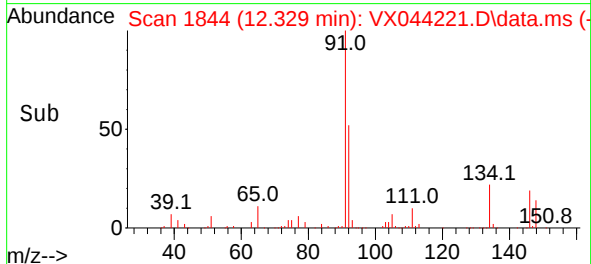
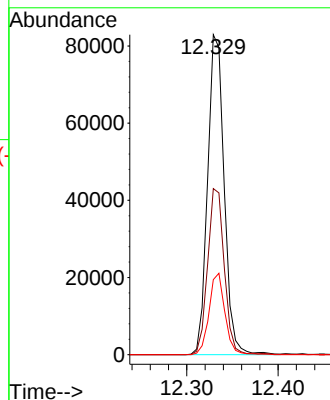
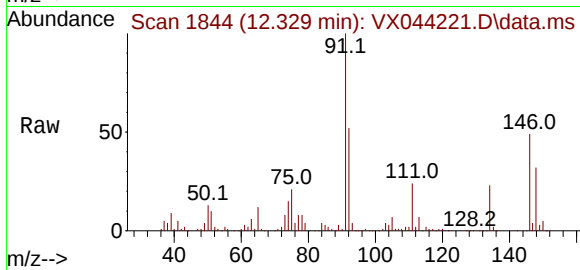
Tgt Ion: 91 Resp: 104410

Ion Ratio Lower Upper

91 100

92 52.4 26.6 79.7

134 24.4 12.6 37.8



#90

Hexachloroethane

Concen: 17.543 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX044221.D

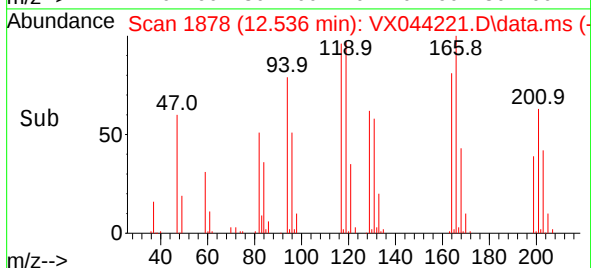
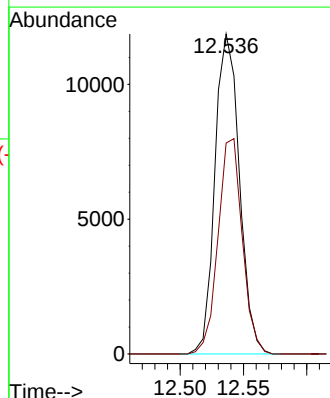
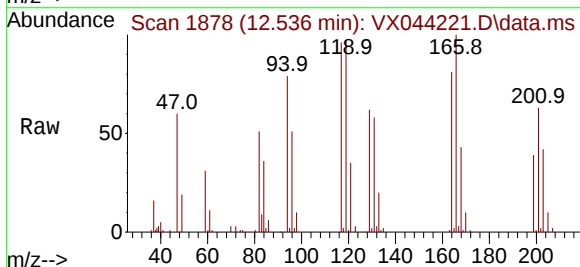
Acq: 11 Dec 2024 11:50

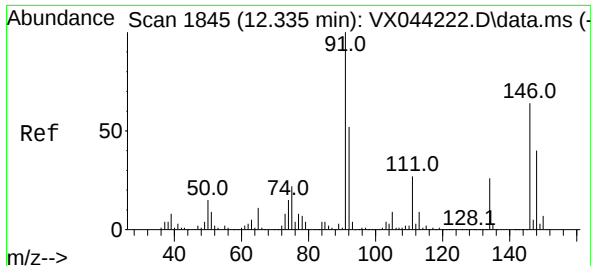
Tgt Ion: 117 Resp: 15939

Ion Ratio Lower Upper

117 100

201 66.8 31.4 94.2





#91

1,2-Dichlorobenzene

Concen: 19.817 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

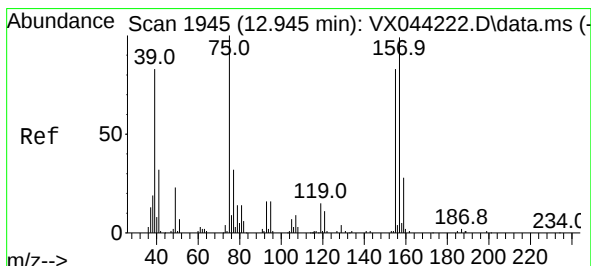
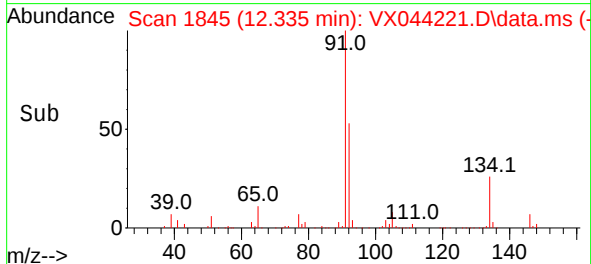
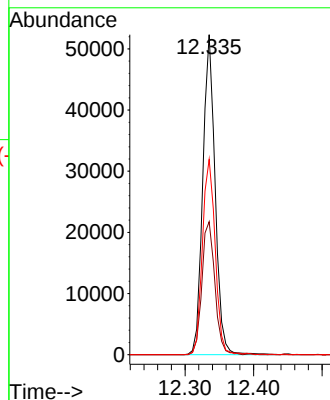
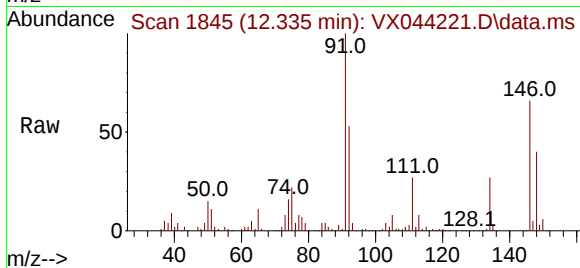
Tgt Ion:146 Resp: 65511

Ion Ratio Lower Upper

146 100

111 43.8 21.4 64.3

148 63.5 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.683 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

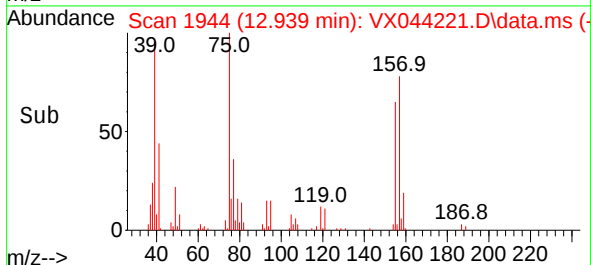
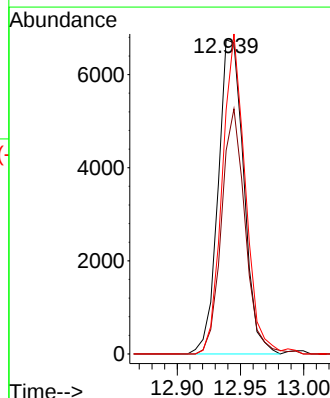
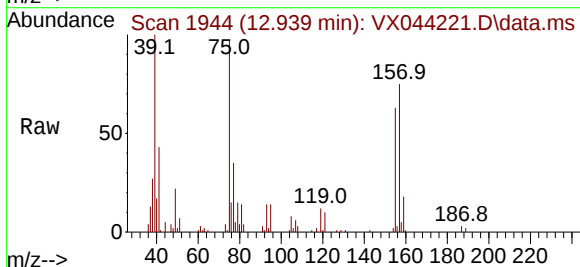
Tgt Ion: 75 Resp: 9468

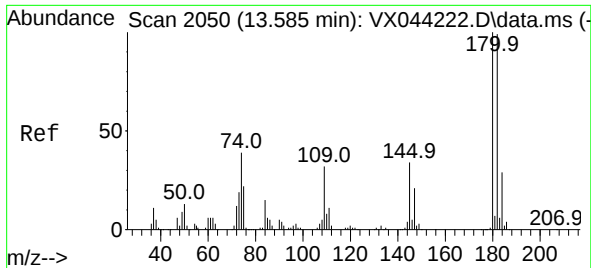
Ion Ratio Lower Upper

75 100

155 72.1 38.1 114.3

157 92.2 47.2 141.6





#93

1,2,4-Trichlorobenzene

Concen: 19.313 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

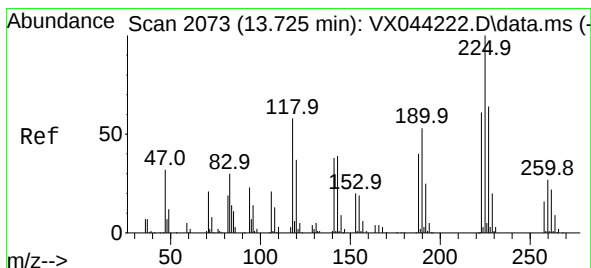
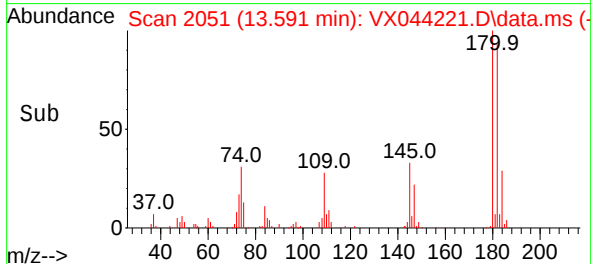
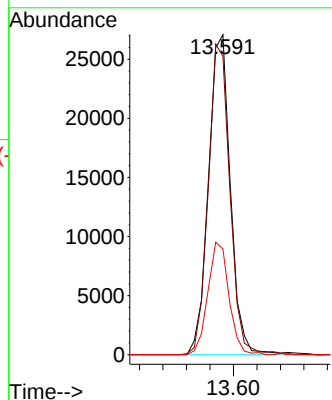
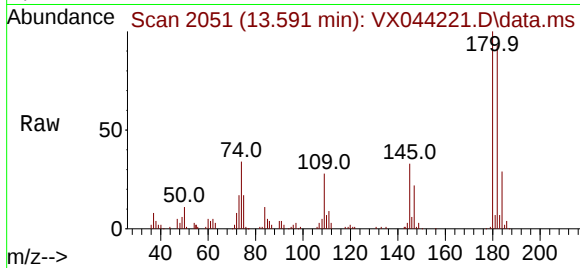
Tgt Ion:180 Resp: 35001

Ion Ratio Lower Upper

180 100

182 95.7 48.0 144.2

145 33.9 16.6 49.7



#94

Hexachlorobutadiene

Concen: 19.774 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

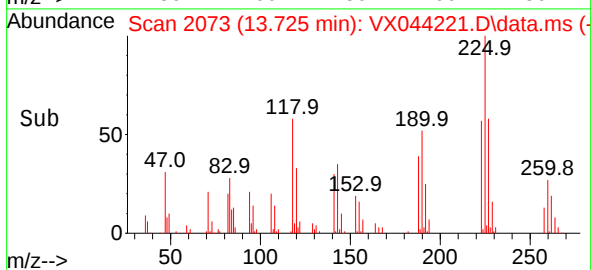
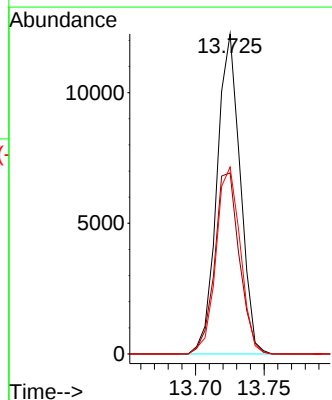
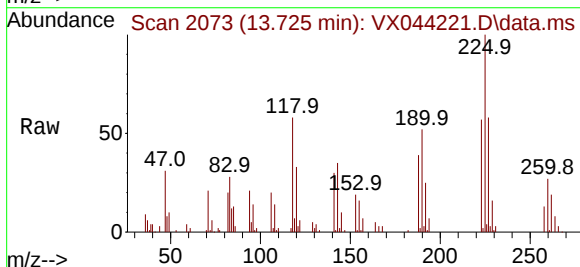
Tgt Ion:225 Resp: 14415

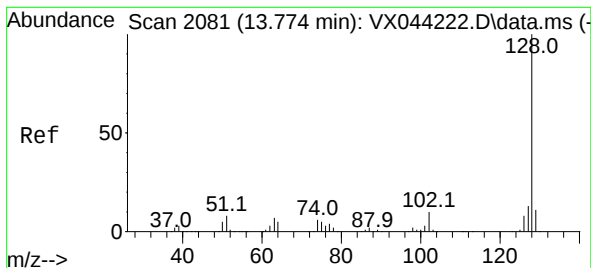
Ion Ratio Lower Upper

225 100

223 60.5 30.8 92.4

227 60.9 32.1 96.3





#95

Naphthalene

Concen: 20.146 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

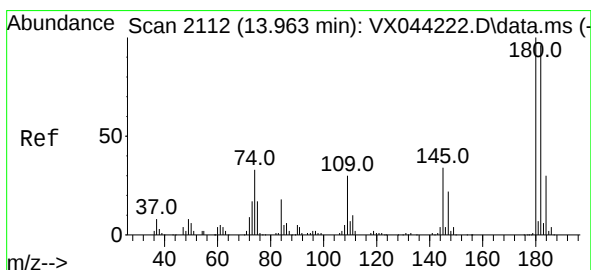
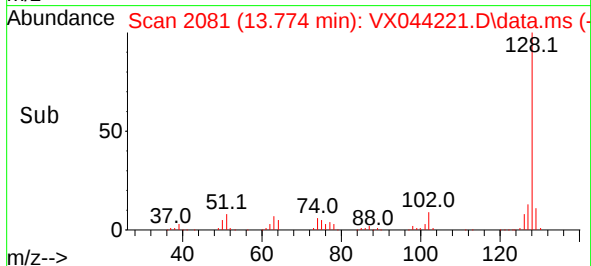
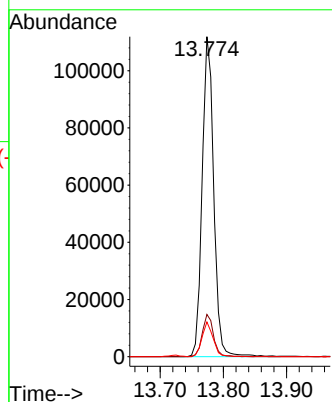
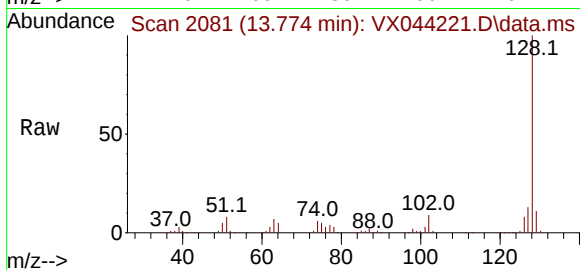
Tgt Ion:128 Resp: 142515

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.4 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 20.101 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044221.D

Acq: 11 Dec 2024 11:50

Tgt Ion:180 Resp: 38639

Ion Ratio Lower Upper

180 100

182 94.7 48.0 144.0

145 34.3 17.7 53.1

