

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022425\
 Data File : VX045022.D
 Acq On : 24 Feb 2025 10:16
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 25 00:25:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	19388	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	105099	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	96021	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	54623	29.007	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.700%
60) 4-Bromofluorobenzene	11.079	95	54124	30.157	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.533%
63) Toluene-d8	8.641	98	158594	29.855	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.533%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	34015	20.812	ug/l	93
3) Chloromethane	1.300	50	39888	20.376	ug/l	99
4) Vinyl Chloride	1.374	62	37577	19.893	ug/l	100
5) Bromomethane	1.593	94	13546	20.602	ug/l	95
6) Chloroethane	1.666	64	21548	21.062	ug/l	94
7) Trichlorofluoromethane	1.874	101	51029	20.100	ug/l	99
8) Diethyl Ether	2.130	74	19175	19.962	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	30670	20.340	ug/l	100
10) 1,1-Dichloroethene	2.312	96	29008	19.696	ug/l	90
11) Methyl Iodide	2.447	142	25005	15.000	ug/l	95
12) Methyl Acetate	2.697	43	38201	22.336	ug/l	97
13) Acrolein	2.233	56	44656	130.264	ug/l	99
14) Acrylonitrile	3.056	53	86920	104.047	ug/l	98
15) Acetone	2.380	58	26921	117.501	ug/l	92
16) Carbon Disulfide	2.501	76	82767	19.812	ug/l	97
17) Allyl chloride	2.654	41	54421	19.756	ug/l	97
18) Methylene Chloride	2.782	84	32485	19.610	ug/l	97
19) trans-1,2-Dichloroethene	3.081	96	29907	20.071	ug/l	93
20) Diisopropyl ether	3.751	45	106269	20.075	ug/l	98
21) 1,1-Dichloroethane	3.599	63	58109	19.738	ug/l	98
22) cis-1,2-Dichloroethene	4.477	96	35861	20.084	ug/l	100
23) tert-Butyl Alcohol	2.971	59	30896	105.939	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	96808	20.139	ug/l	100
25) Chloroform	5.080	83	57897	20.360	ug/l	95
26) Cyclohexane	5.452	56	53523	19.696	ug/l #	96
29) 1,1-Dichloropropene	5.678	75	39328	20.342	ug/l	99
30) 2-Butanone	4.550	43	124403	111.405	ug/l	100
31) 2,2-Dichloropropane	4.458	77	45256	20.702	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	47928	20.460	ug/l	99
33) Carbon Tetrachloride	5.666	117	41122	20.801	ug/l	94
34) Benzene	6.031	78	125107	20.635	ug/l	97
35) Methacrylonitrile	4.910	41	24947	20.877	ug/l	93
36) 1,2-Dichloroethane	6.080	62	42815	20.627	ug/l #	84
37) Trichloroethene	7.117	130	29099	20.516	ug/l	94
38) Methylcyclohexane	7.373	83	53249	20.513	ug/l	97
39) 1,2-Dichloropropane	7.421	63	30261	20.076	ug/l	99
40) Dibromomethane	7.574	93	22092	20.425	ug/l	99
41) Bromodichloromethane	7.818	83	43480	20.225	ug/l	99
42) Vinyl Acetate	3.715	43	445779	102.873	ug/l	99

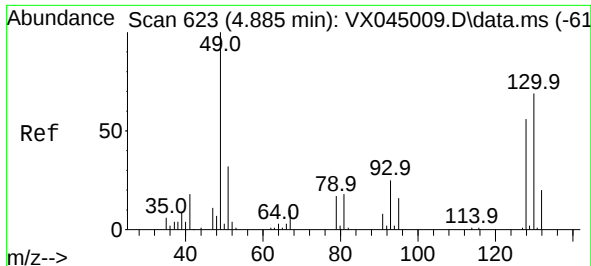
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022425\
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 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	45942	21.938	ug/l	98
44) Isopropyl Acetate	6.330	43	73046	21.193	ug/l	98
45) 1,4-Dioxane	7.659	88	15737	439.218	ug/l	99
46) Methyl methacrylate	7.690	41	35622	21.077	ug/l	99
47) n-amyl Acetate	10.841	43	61797	20.662	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	40791	19.686	ug/l	98
49) cis-1,3-Dichloropropene	8.360	75	48564	20.704	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	29237	20.723	ug/l	96
51) Ethyl methacrylate	9.116	69	43618	19.657	ug/l	98
52) 1,3-Dichloropropane	9.305	76	51204	20.713	ug/l	99
53) Dibromochloromethane	9.518	129	32413	20.772	ug/l	97
54) 1,2-Dibromoethane	9.604	107	29736	20.756	ug/l	99
55) 2-Chloroethyl vinyl ether	8.232	63	97617	85.669	ug/l	99
56) Bromoform	10.799	173	20955	21.431	ug/l	99
58) 4-Methyl-2-Pentanone	8.567	43	238438	109.161	ug/l	100
59) 2-Hexanone	9.427	43	174848	110.746	ug/l	99
61) Tetrachloroethene	9.269	164	25348	21.438	ug/l	97
62) Toluene	8.714	91	131575	20.685	ug/l	99
64) Chlorobenzene	10.073	112	81824	20.759	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	26851	20.645	ug/l	99
66) Ethyl Benzene	10.189	91	140795	20.218	ug/l	97
67) m/p-Xylenes	10.299	106	107652	41.491	ug/l	100
68) o-Xylene	10.640	106	52578	20.653	ug/l	100
69) Styrene	10.652	104	86568	20.360	ug/l	99
70) Isopropylbenzene	10.957	105	137275	20.896	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	46531	21.539	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	47314	26.628	ug/l	85
73) Bromobenzene	11.195	156	31551	20.862	ug/l	99
74) n-propylbenzene	11.299	91	162228	20.751	ug/l	99
75) 2-Chlorotoluene	11.360	91	97738	20.679	ug/l	99
76) 1,3,5-Trimethylbenzene	11.445	105	113802	20.998	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	11524	19.277	ug/l	90
78) 4-Chlorotoluene	11.451	91	109615	20.805	ug/l	100
79) tert-butylbenzene	11.713	119	115756	21.198	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	113697	20.943	ug/l	98
81) sec-Butylbenzene	11.890	105	143605	20.954	ug/l	100
82) p-Isopropyltoluene	12.006	119	116616	21.000	ug/l	99
83) 1,3-Dichlorobenzene	11.963	146	58417	20.760	ug/l	98
84) 1,4-Dichlorobenzene	12.036	146	57620	20.768	ug/l	99
85) n-Butylbenzene	12.329	91	104924	20.691	ug/l	99
86) Hexachloroethane	12.536	117	20463	20.895	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	58299	21.116	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	8805	21.051	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	35049	20.945	ug/l	97
90) Hexachlorobutadiene	13.725	225	14648	21.465	ug/l	98
91) Naphthalene	13.774	128	122941	20.836	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	35502	20.608	ug/l	99

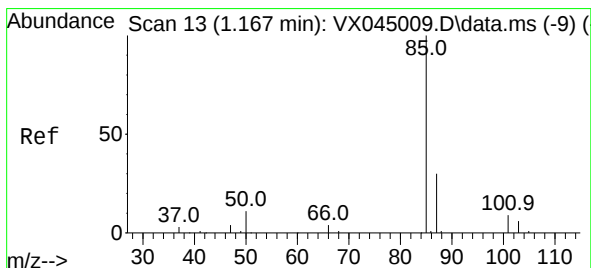
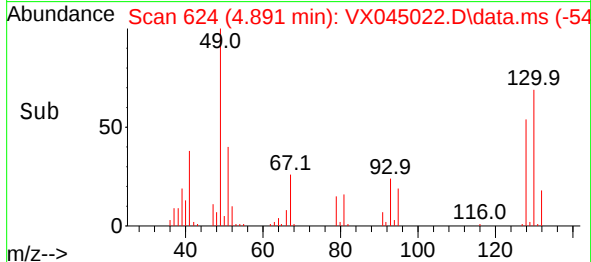
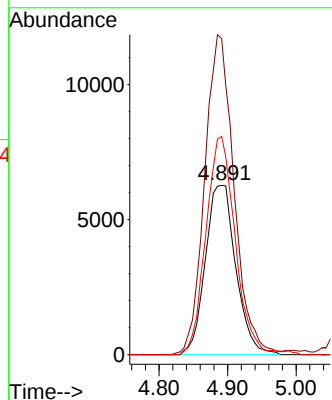
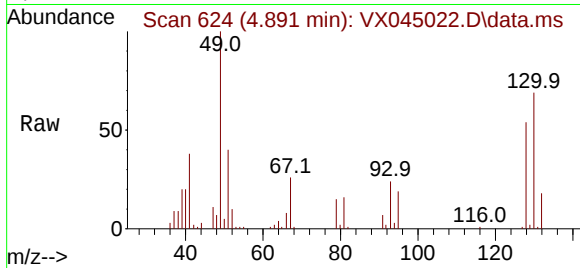
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.891 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VX045022.D
 Acq: 24 Feb 2025 10:16

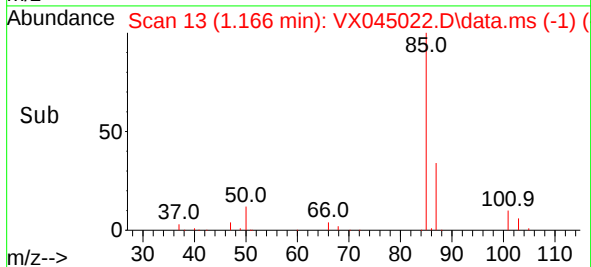
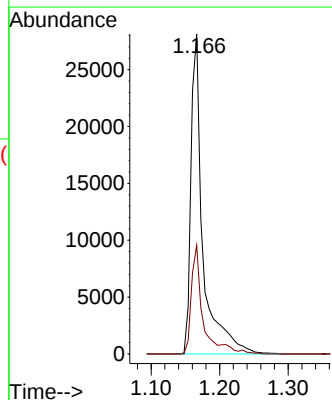
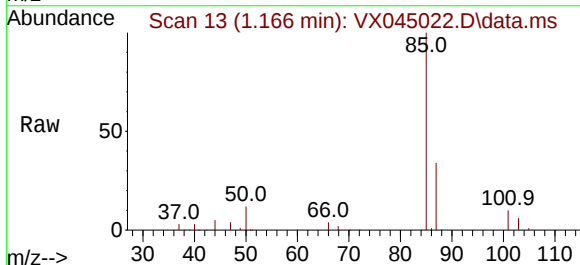
Instrument :
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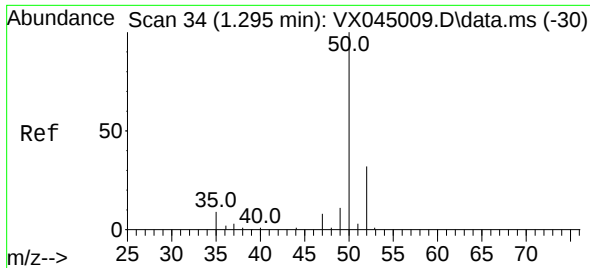
Tgt Ion:128 Resp: 19388
 Ion Ratio Lower Upper
 128 100
 49 181.6 0.0 449.7
 130 123.1 0.0 312.7



#2
 Dichlorodifluoromethane
 Concen: 20.812 ug/l
 RT: 1.166 min Scan# 13
 Delta R.T. -0.000 min
 Lab File: VX045022.D
 Acq: 24 Feb 2025 10:16

Tgt Ion: 85 Resp: 34015
 Ion Ratio Lower Upper
 85 100
 87 34.0 15.1 45.3

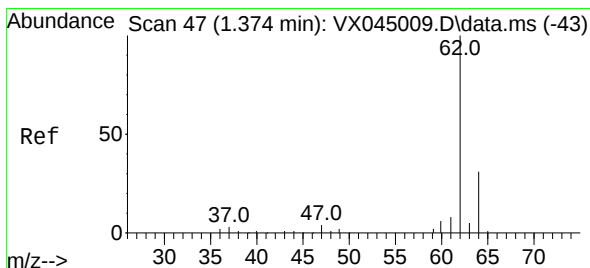
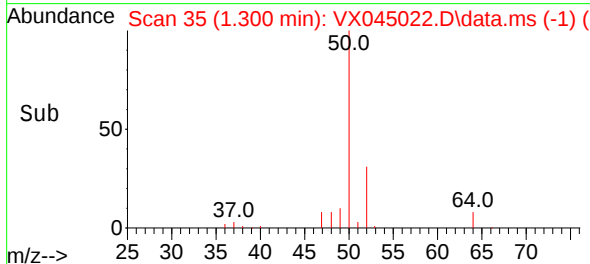
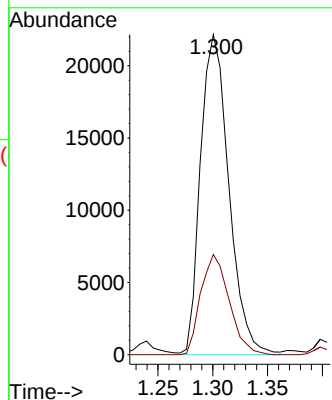
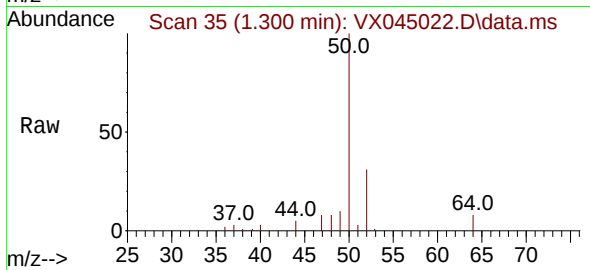




#3
Chloromethane
Concen: 20.376 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

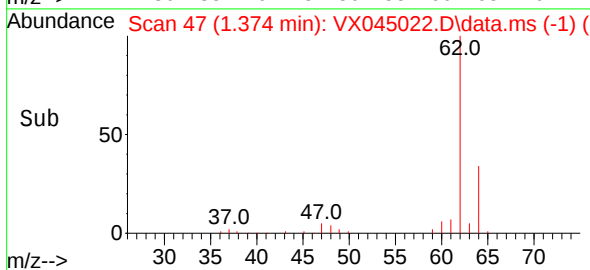
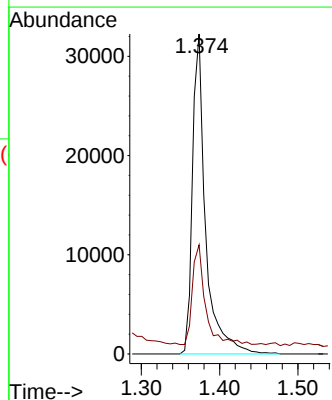
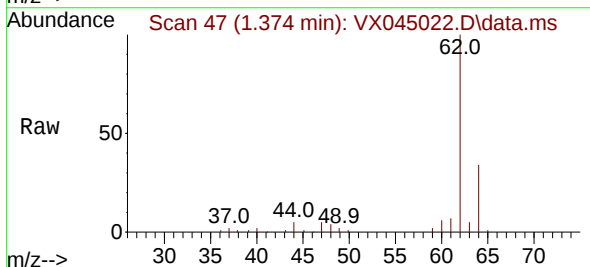
Instrument :
MSVOA_X
ClientSampleId :

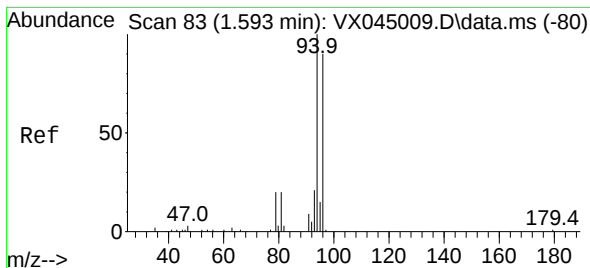
Tgt Ion: 50 Resp: 39888
Ion Ratio Lower Upper
50 100
52 31.5 25.7 38.5



#4
Vinyl Chloride
Concen: 19.893 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

Tgt Ion: 62 Resp: 37577
Ion Ratio Lower Upper
62 100
64 31.5 25.1 37.7





#5

Bromomethane

Concen: 20.602 ug/l

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Instrument :

MSVOA_X

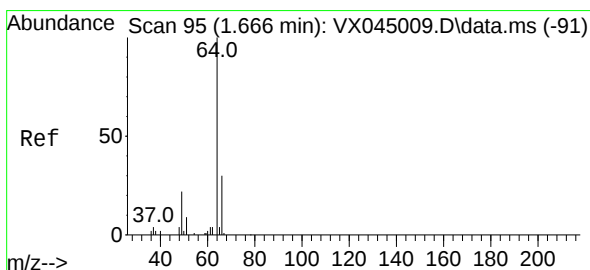
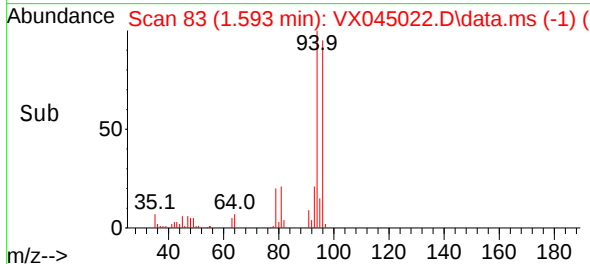
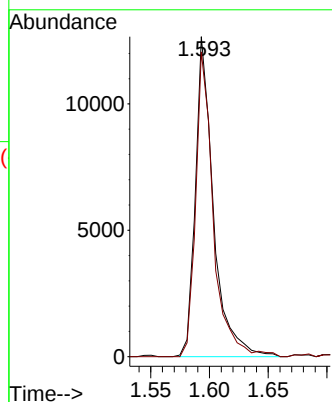
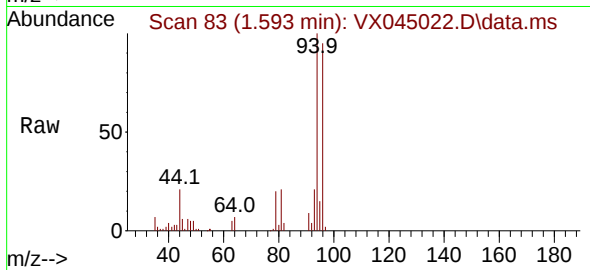
ClientSampleId :

Tgt Ion: 94 Resp: 13546

Ion Ratio Lower Upper

94 100

96 95.2 72.2 108.4



#6

Chloroethane

Concen: 21.062 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.000 min

Lab File: VX045022.D

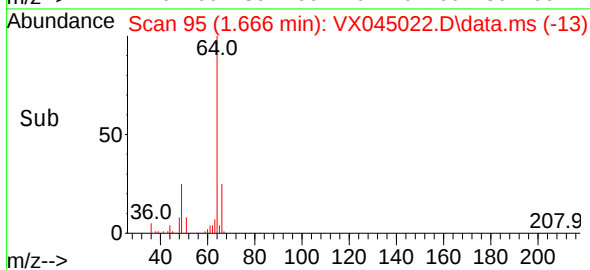
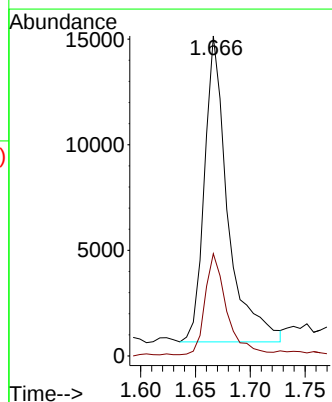
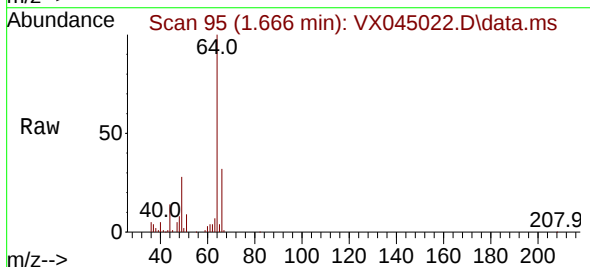
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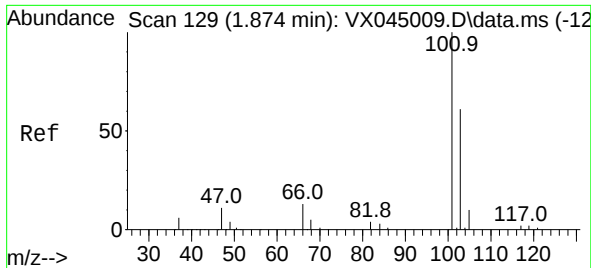
Tgt Ion: 64 Resp: 21548

Ion Ratio Lower Upper

64 100

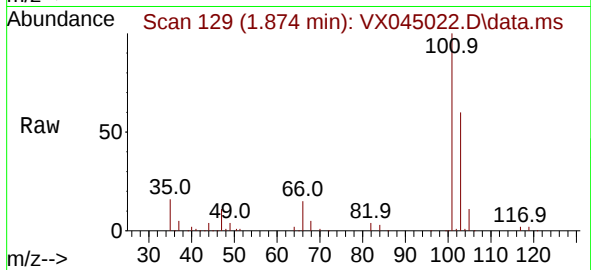
66 33.0 23.7 35.5



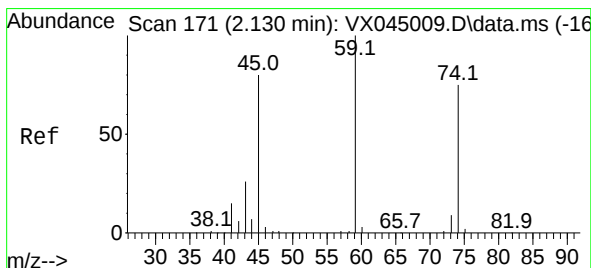
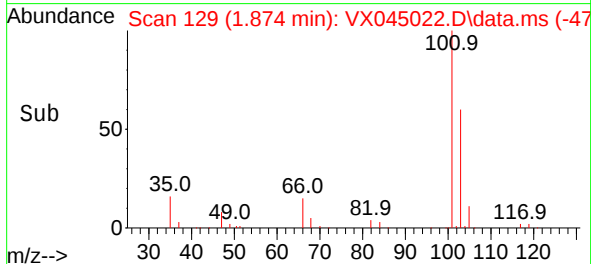
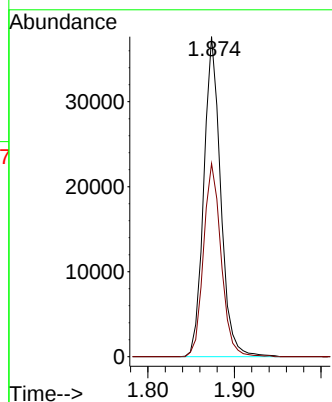


#7
 Trichlorofluoromethane
 Concen: 20.100 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045022.D
 Acq: 24 Feb 2025 10:16

Instrument :
 MSVOA_X
 ClientSampleId :

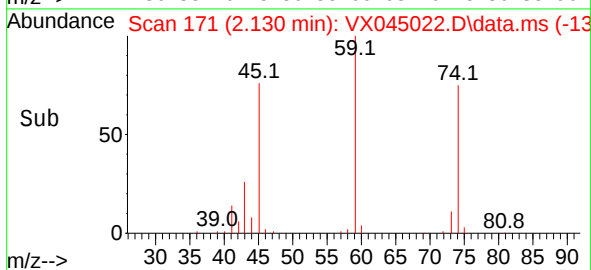
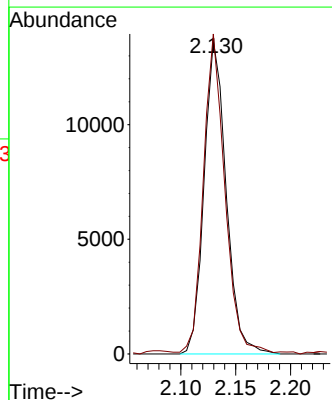
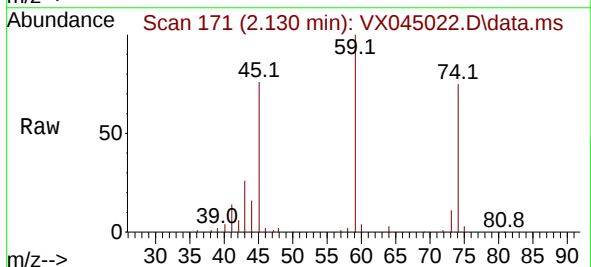


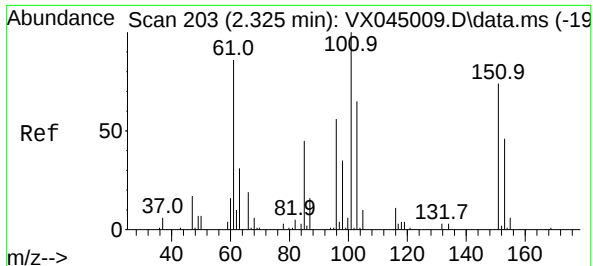
Tgt Ion:101 Resp: 51029
 Ion Ratio Lower Upper
 101 100
 103 60.4 48.8 73.2



#8
 Diethyl Ether
 Concen: 19.962 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX045022.D
 Acq: 24 Feb 2025 10:16

Tgt Ion: 74 Resp: 19175
 Ion Ratio Lower Upper
 74 100
 45 99.3 20.8 186.8

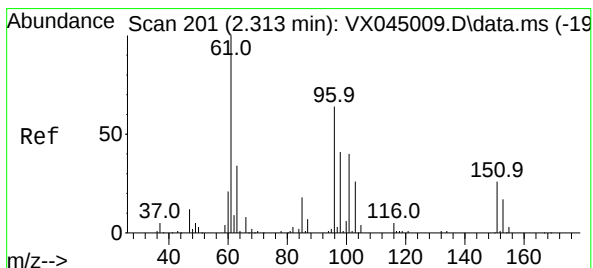
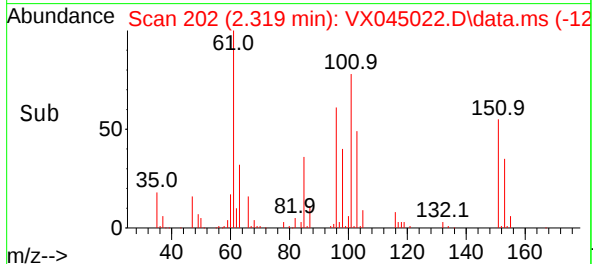
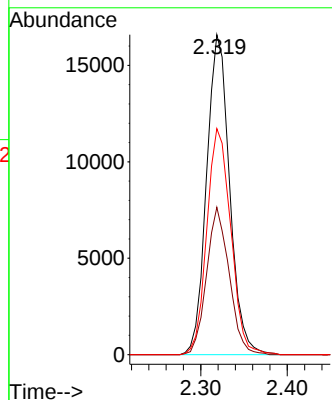
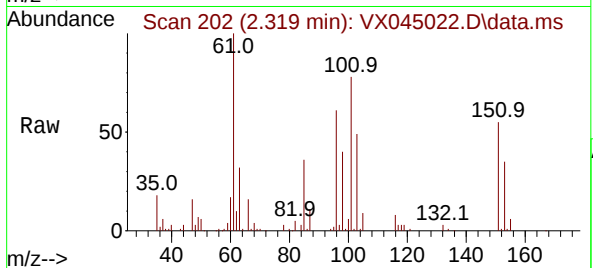




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.340 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

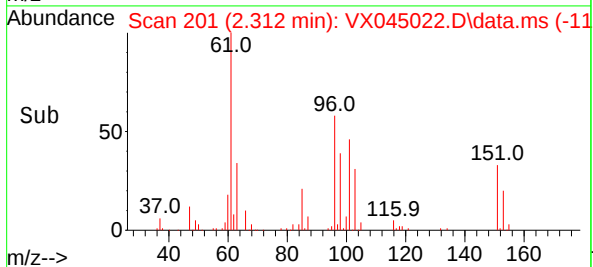
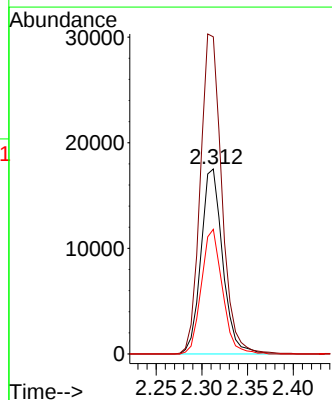
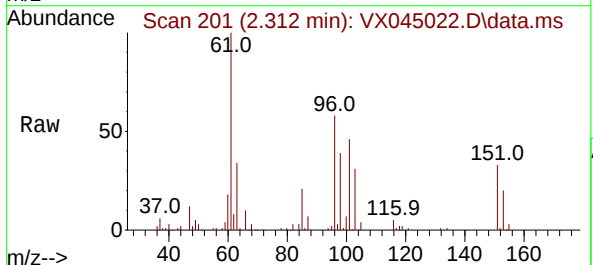
Instrument :
MSVOA_X
ClientSampleId :

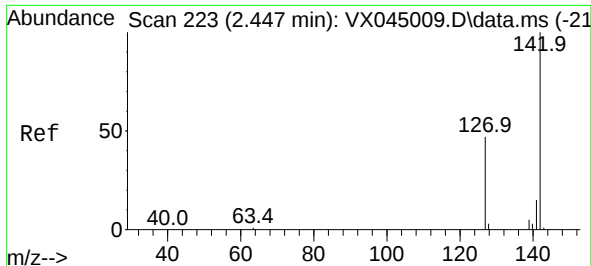
Tgt Ion:101 Resp: 30670
Ion Ratio Lower Upper
101 100
85 45.2 0.0 90.6
151 73.6 0.0 147.6



#10
1,1-Dichloroethene
Concen: 19.696 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

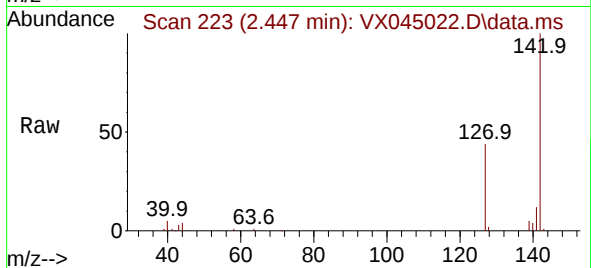
Tgt Ion: 96 Resp: 29008
Ion Ratio Lower Upper
96 100
61 171.1 124.2 186.2
98 67.4 51.1 76.7



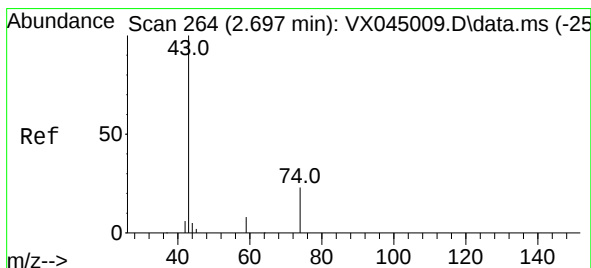
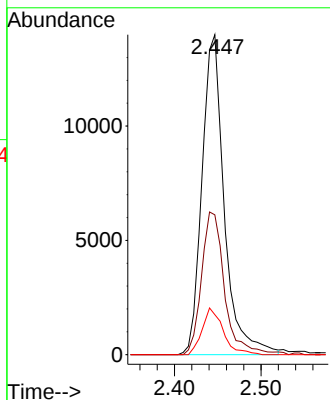
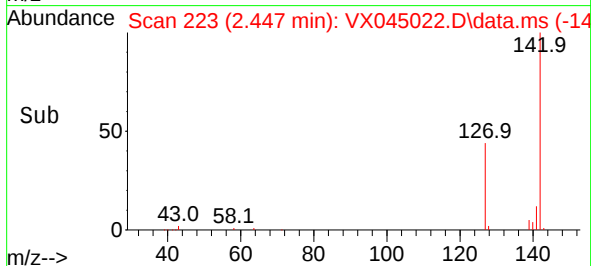


#11
Methyl Iodide
Concen: 15.000 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :

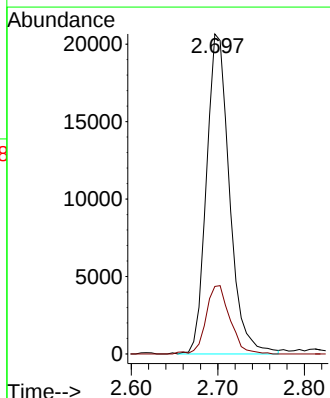
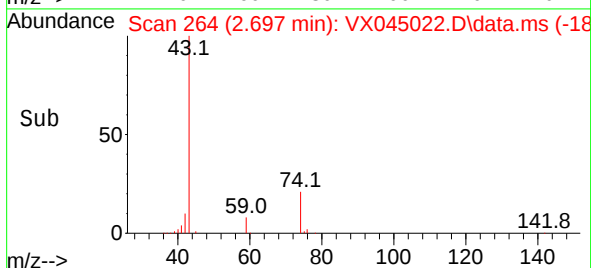
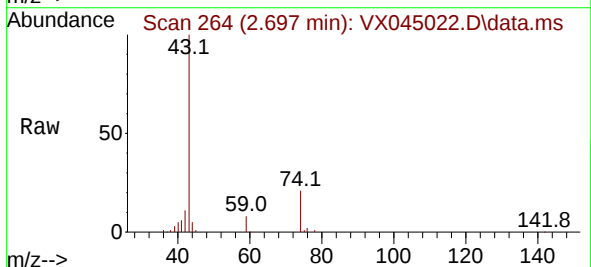


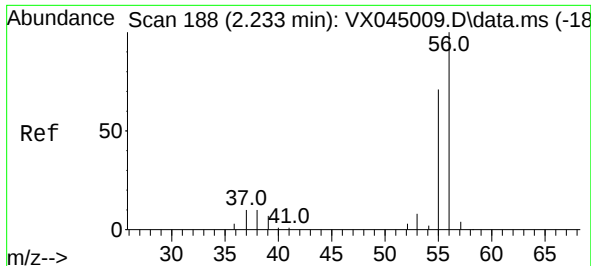
Tgt Ion:142 Resp: 25005
Ion Ratio Lower Upper
142 100
127 43.6 23.3 69.9
141 12.6 7.5 22.6



#12
Methyl Acetate
Concen: 22.336 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

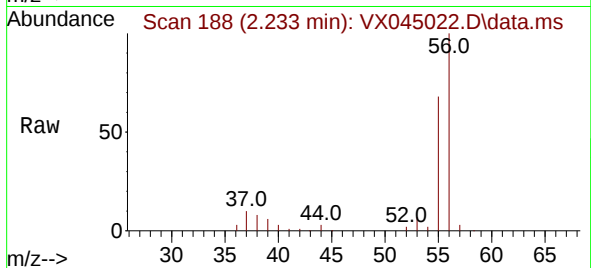
Tgt Ion: 43 Resp: 38201
Ion Ratio Lower Upper
43 100
74 20.9 17.9 26.9



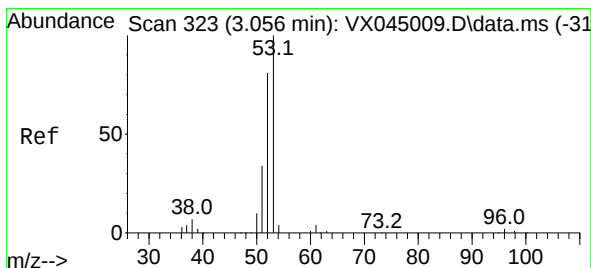
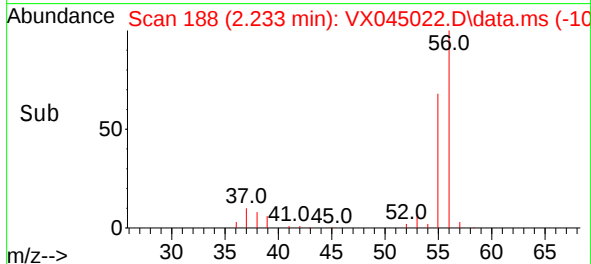
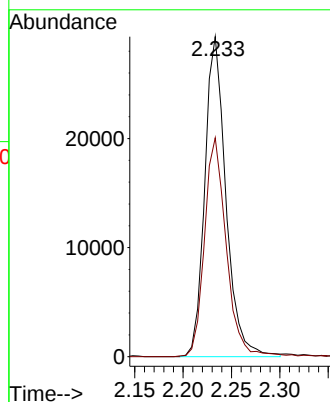


#13
Acrolein
Concen: 130.264 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :

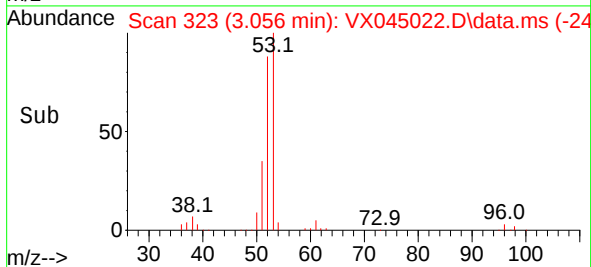
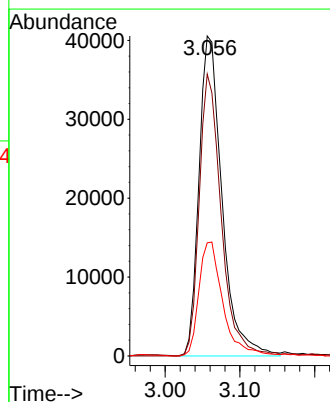
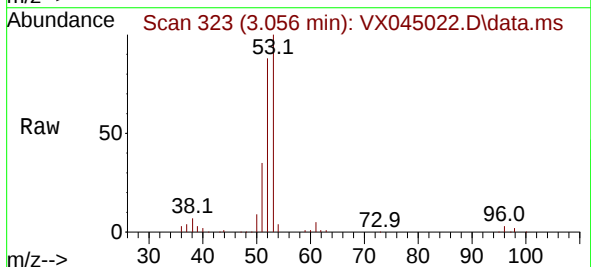


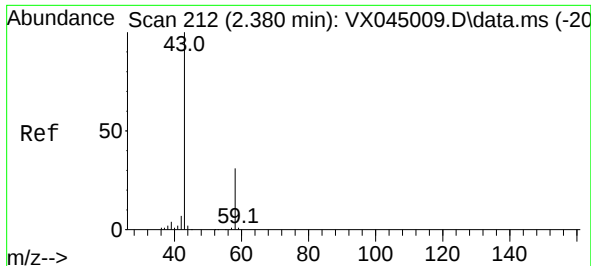
Tgt Ion: 56 Resp: 44656
Ion Ratio Lower Upper
56 100
55 70.3 55.4 83.2



#14
Acrylonitrile
Concen: 104.047 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

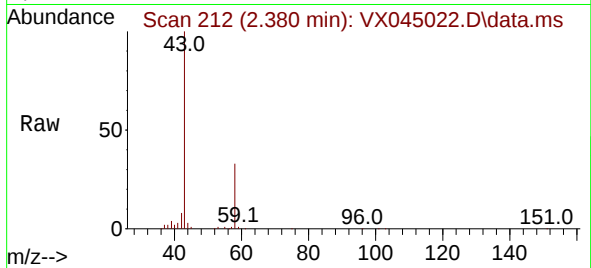
Tgt Ion: 53 Resp: 86920
Ion Ratio Lower Upper
53 100
52 83.9 40.9 122.8
51 36.9 18.0 54.0



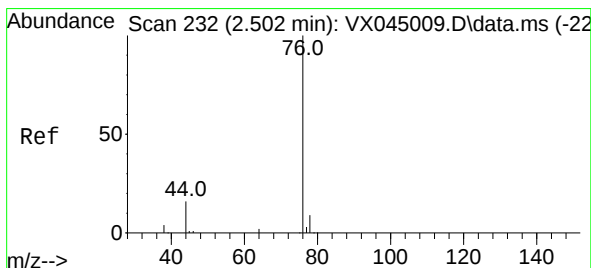
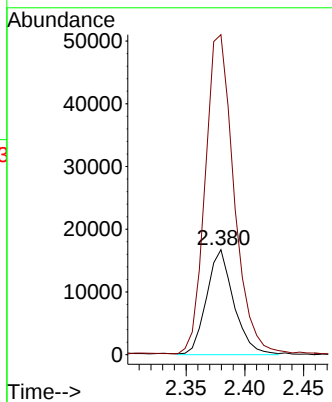
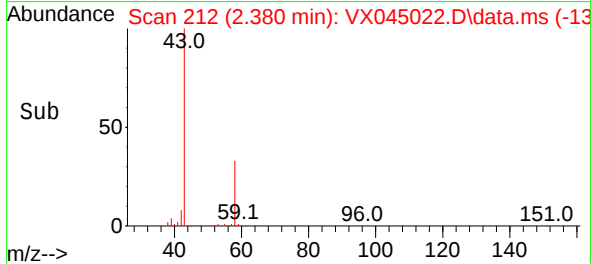


#15
Acetone
Concen: 117.501 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :

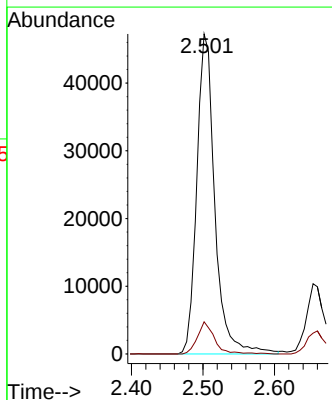
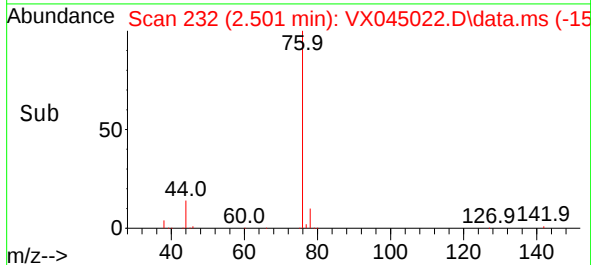
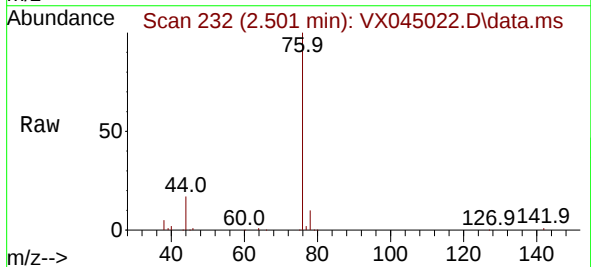


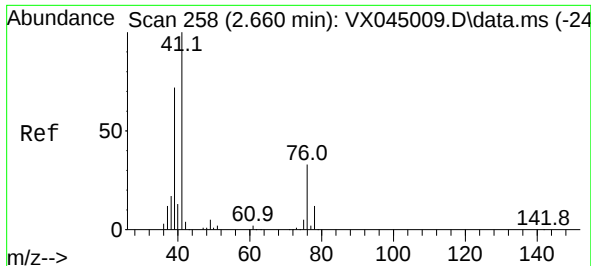
Tgt Ion: 58 Resp: 26921
Ion Ratio Lower Upper
58 100
43 306.3 258.6 388.0



#16
Carbon Disulfide
Concen: 19.812 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

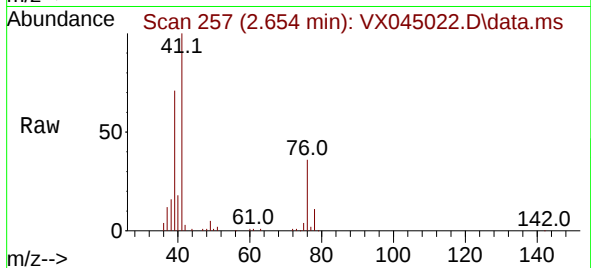
Tgt Ion: 76 Resp: 82767
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9



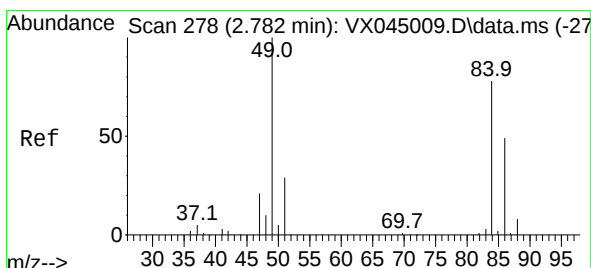
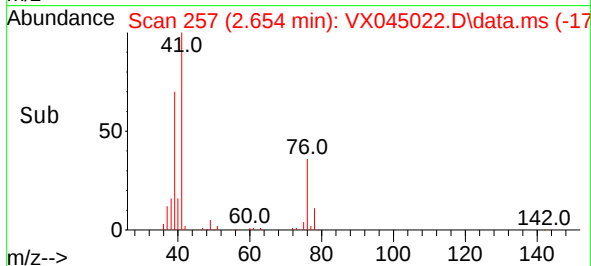
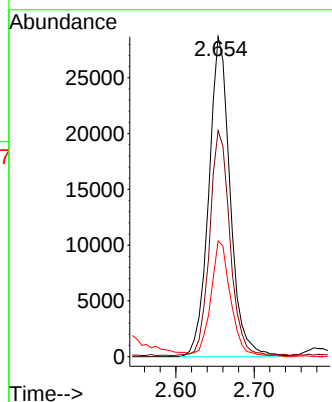


#17
 Allyl chloride
 Concen: 19.756 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.006 min
 Lab File: VX045022.D
 Acq: 24 Feb 2025 10:16

Instrument :
 MSVOA_X
 ClientSampleId :

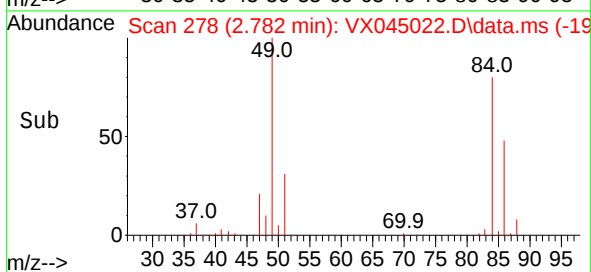
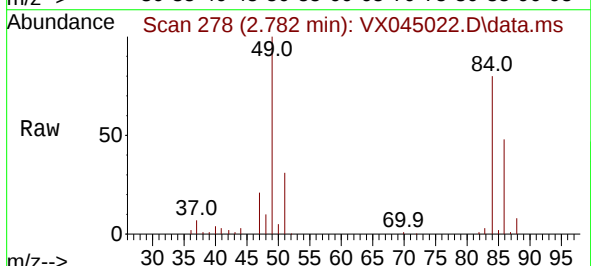
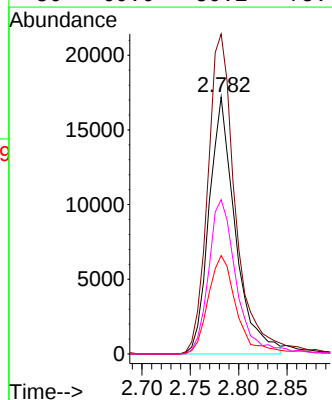


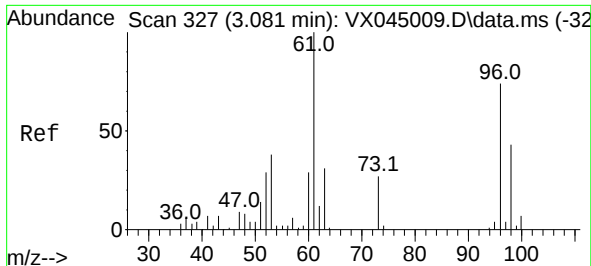
Tgt Ion: 41 Resp: 54421
 Ion Ratio Lower Upper
 41 100
 39 70.0 36.2 108.6
 76 35.9 17.2 51.5



#18
 Methylene Chloride
 Concen: 19.610 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX045022.D
 Acq: 24 Feb 2025 10:16

Tgt Ion: 84 Resp: 32485
 Ion Ratio Lower Upper
 84 100
 49 124.5 102.8 154.2
 51 38.3 30.1 45.1
 86 60.0 50.2 75.4





#19

trans-1,2-Dichloroethene

Concen: 20.071 ug/l

RT: 3.081 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

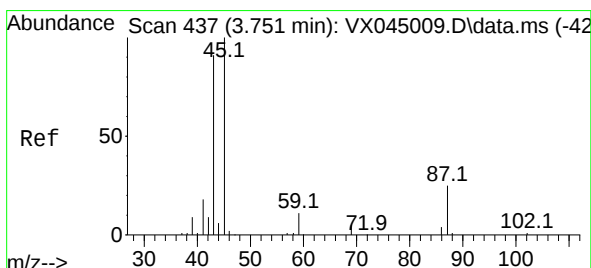
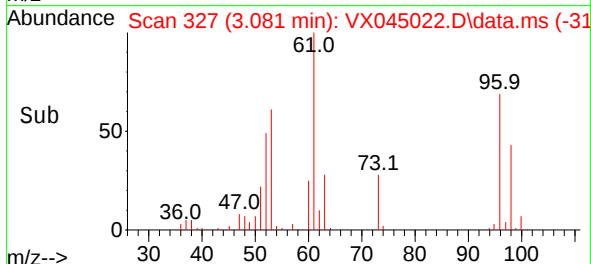
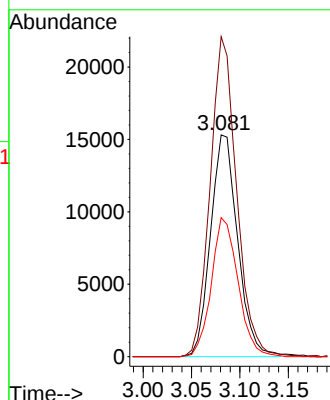
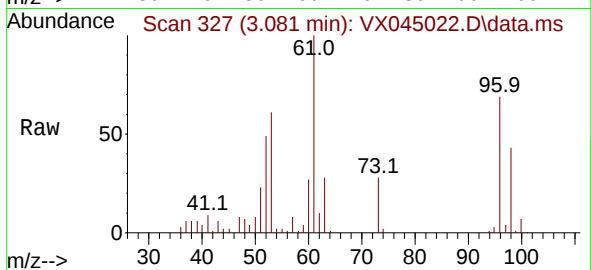
Tgt Ion: 96 Resp: 29907

Ion Ratio Lower Upper

96 100

61 144.3 108.6 163.0

98 62.7 46.5 69.7



#20

Diisopropyl ether

Concen: 20.075 ug/l

RT: 3.751 min Scan# 437

Delta R.T. -0.000 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Tgt Ion: 45 Resp: 106269

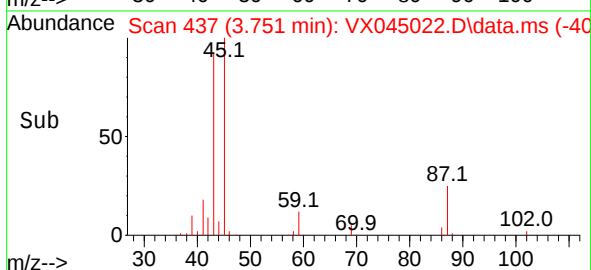
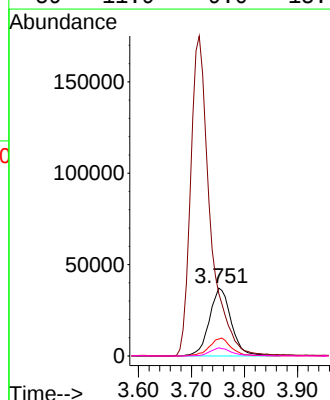
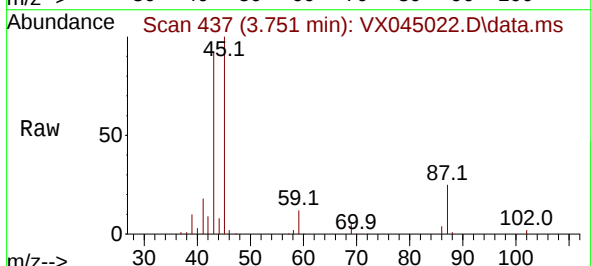
Ion Ratio Lower Upper

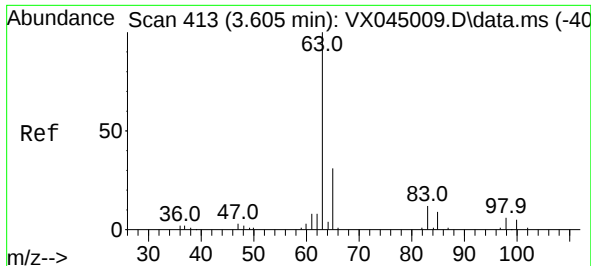
45 100

43 90.5 74.4 111.6

87 25.1 19.8 29.8

59 11.9 9.0 13.4





#21

1,1-Dichloroethane

Concen: 19.738 ug/l

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX045022.D

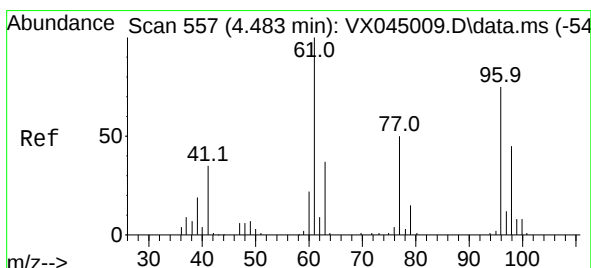
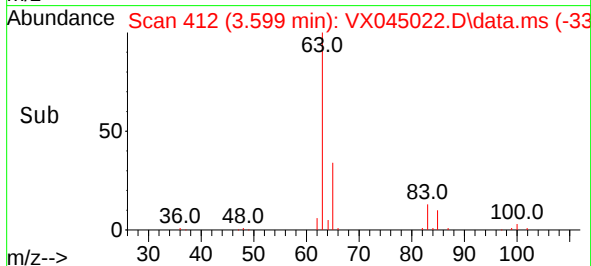
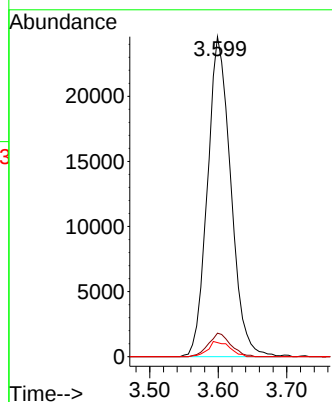
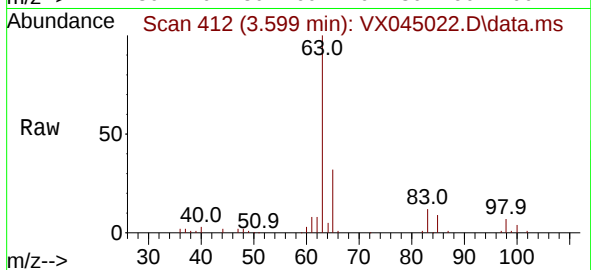
Acq: 24 Feb 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 63	Resp: 58109
Ion Ratio	Lower Upper
63 100	
98 7.4	3.3 9.8
100 4.4	2.4 7.1



#22

cis-1,2-Dichloroethene

Concen: 20.084 ug/l

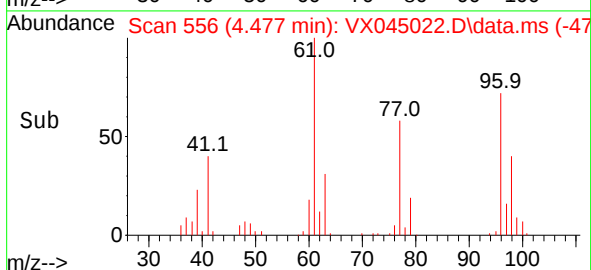
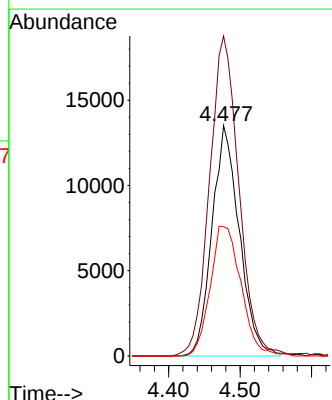
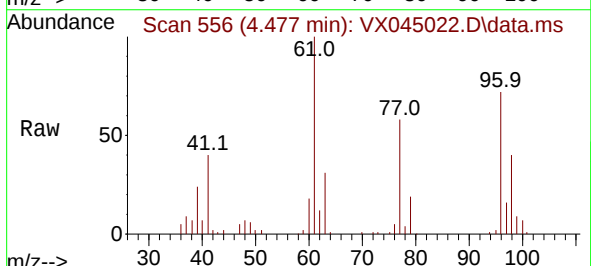
RT: 4.477 min Scan# 556

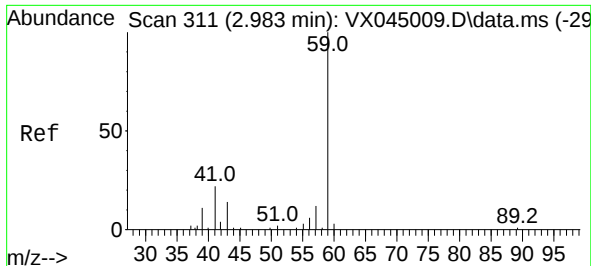
Delta R.T. -0.006 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Tgt Ion: 96	Resp: 35861
Ion Ratio	Lower Upper
96 100	
61 148.9	118.9 178.3
98 63.3	50.7 76.1

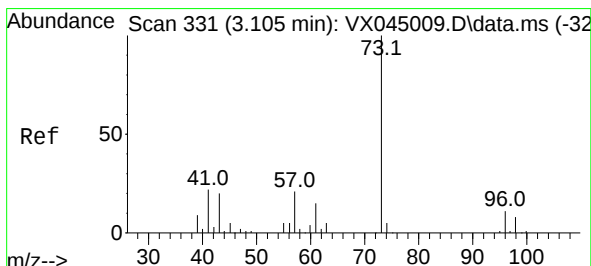
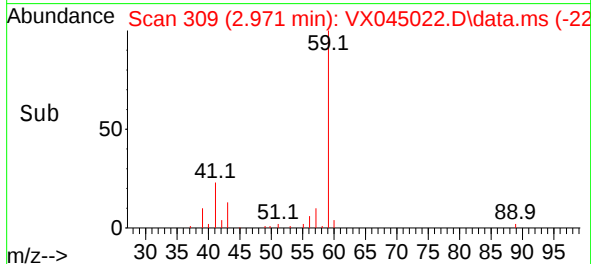
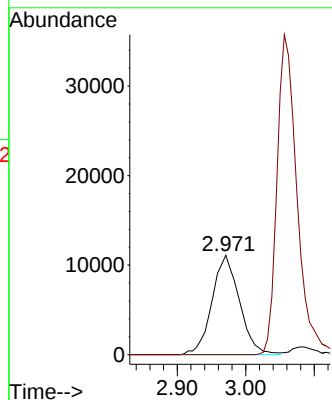
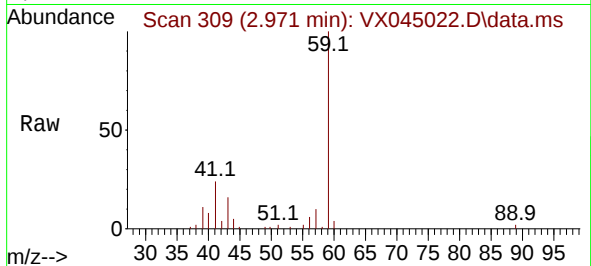




#23
tert-Butyl Alcohol
Concen: 105.939 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

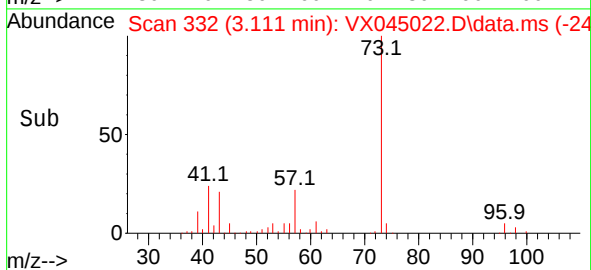
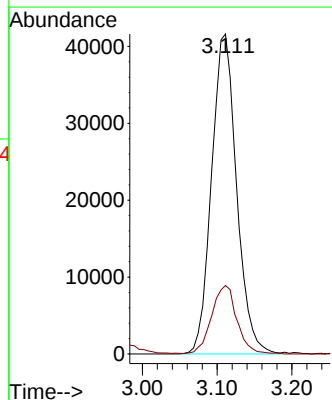
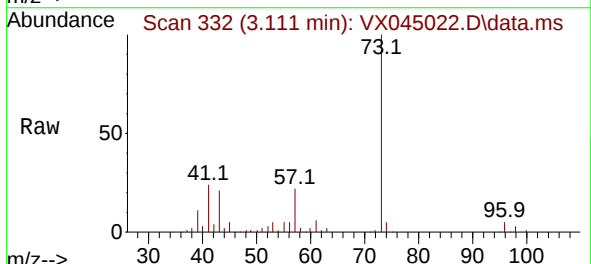
Instrument :
MSVOA_X
ClientSampleId :

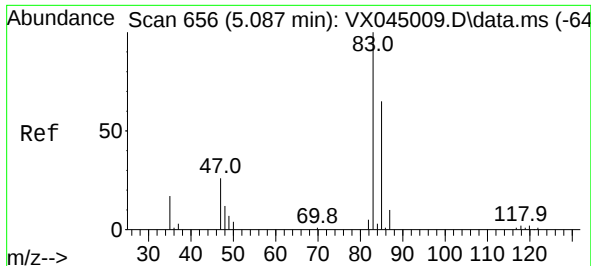
Tgt Ion: 59 Resp: 30896
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.139 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

Tgt Ion: 73 Resp: 96808
Ion Ratio Lower Upper
73 100
43 21.6 17.4 26.0





#25

Chloroform

Concen: 20.360 ug/l

RT: 5.080 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Instrument :

MSVOA_X

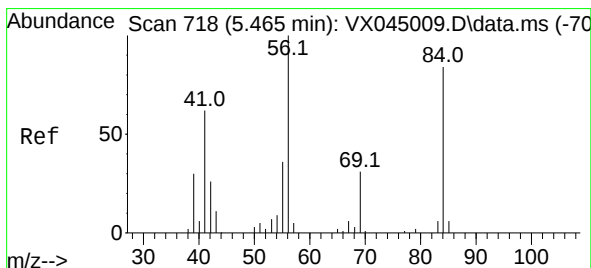
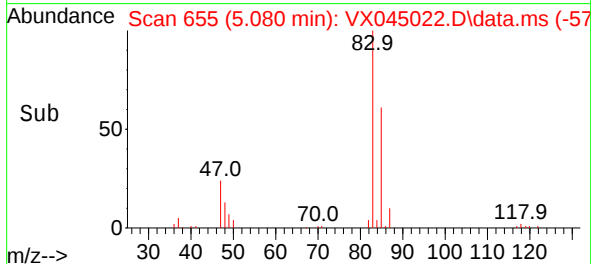
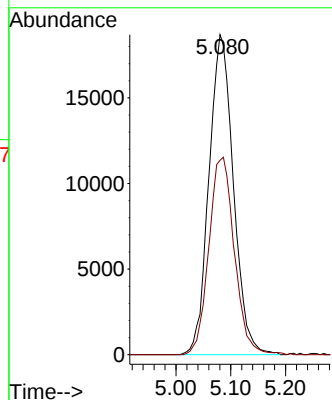
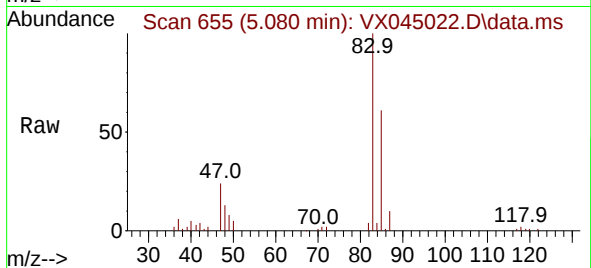
ClientSampleId :

Tgt Ion: 83 Resp: 57897

Ion Ratio Lower Upper

83 100

85 60.8 51.7 77.5



#26

Cyclohexane

Concen: 19.696 ug/l

RT: 5.452 min Scan# 716

Delta R.T. -0.012 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

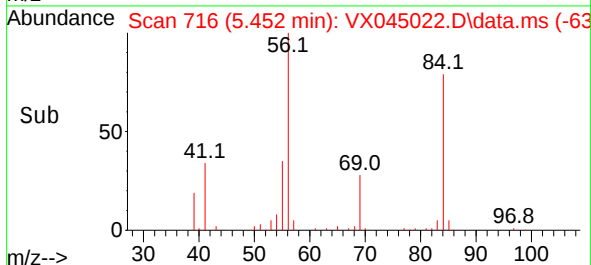
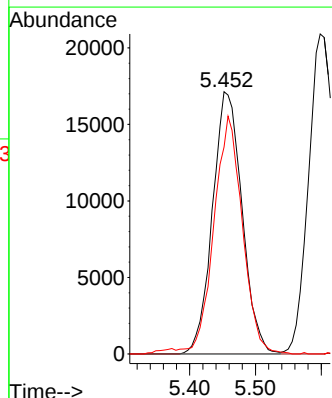
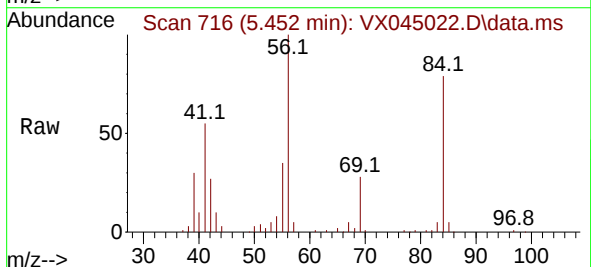
Tgt Ion: 56 Resp: 53523

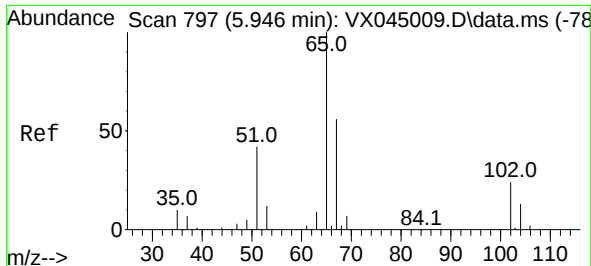
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

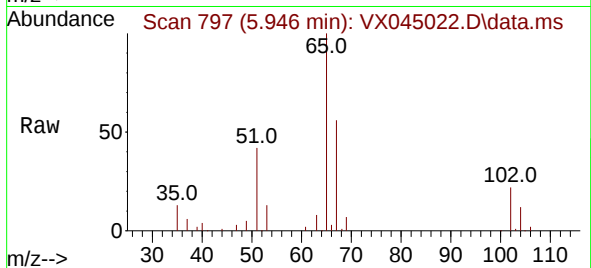
84 87.4 67.1 100.7



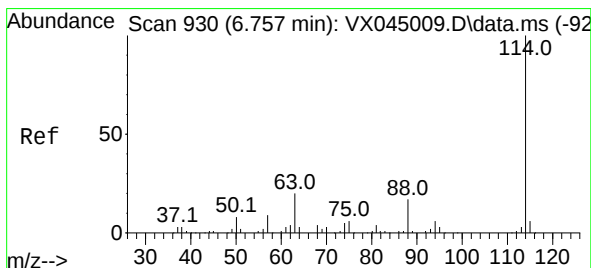
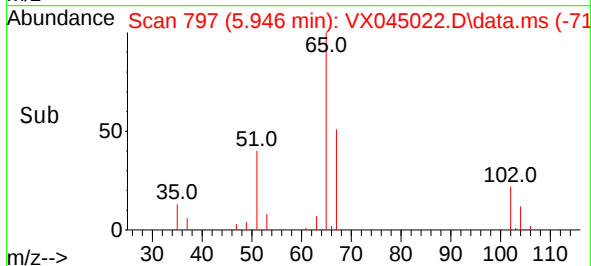
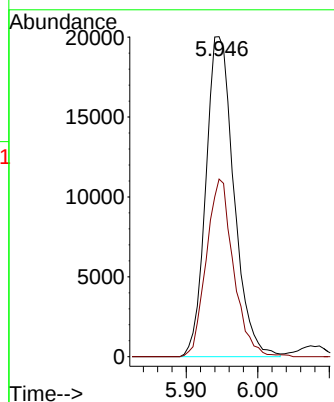


#27
1,2-Dichloroethane-d4
Concen: 29.007 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :

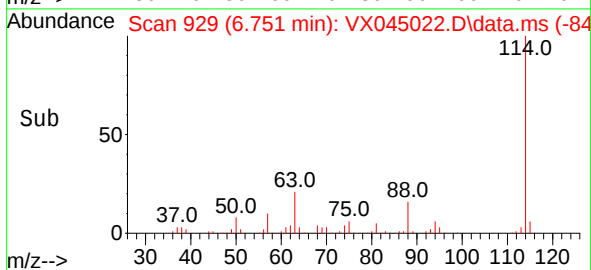
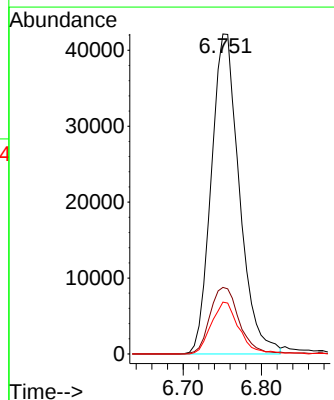
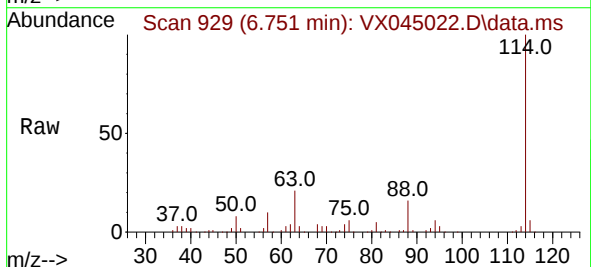


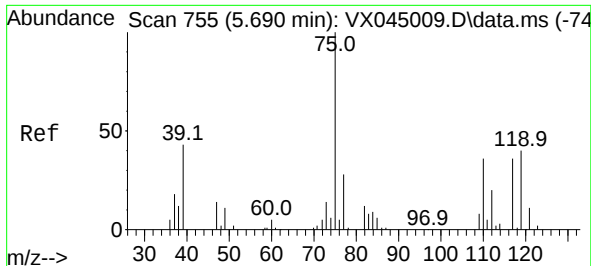
Tgt Ion: 65 Resp: 54623
Ion Ratio Lower Upper
65 100
67 53.5 42.6 64.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

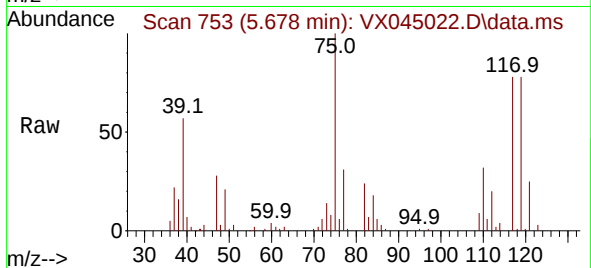
Tgt Ion: 114 Resp: 105099
Ion Ratio Lower Upper
114 100
63 21.4 16.8 25.2
88 15.7 12.7 19.1



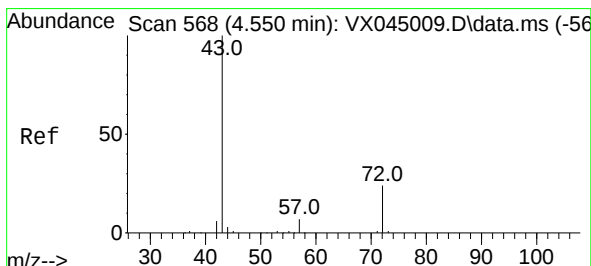
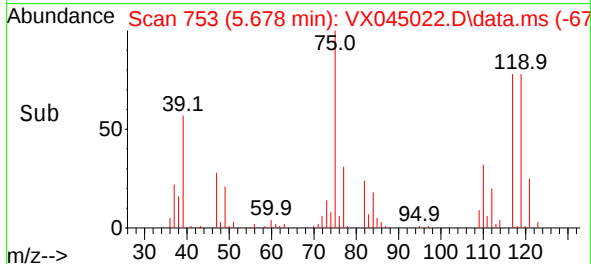
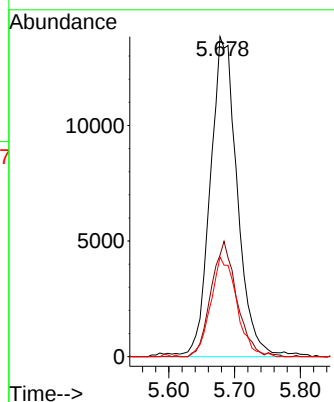


#29
1,1-Dichloropropene
Concen: 20.342 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.012 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :

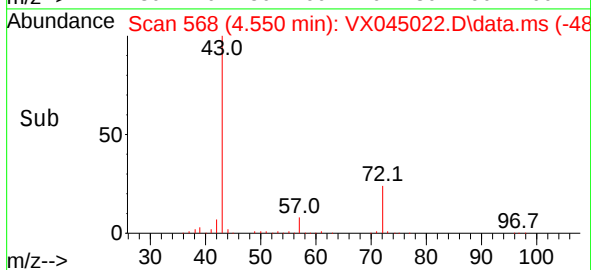
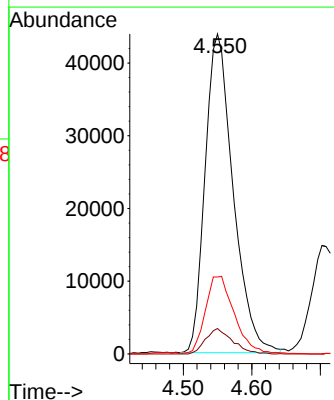
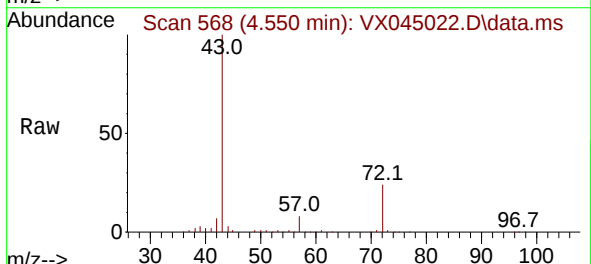


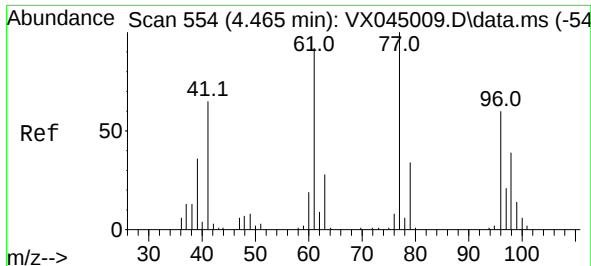
Tgt Ion: 75 Resp: 39328
Ion Ratio Lower Upper
75 100
110 34.2 0.0 69.2
77 30.2 0.0 61.0



#30
2-Butanone
Concen: 111.405 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

Tgt Ion: 43 Resp: 124403
Ion Ratio Lower Upper
43 100
57 7.6 6.2 9.2
72 25.1 20.2 30.2





#31

2,2-Dichloropropane

Concen: 20.702 ug/l

RT: 4.458 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Instrument :

MSVOA_X

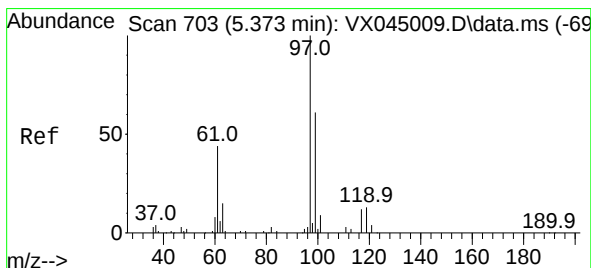
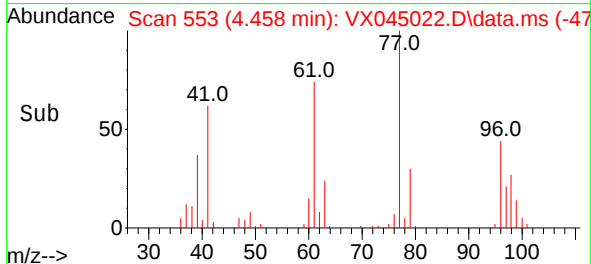
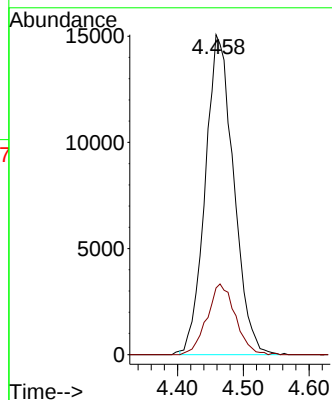
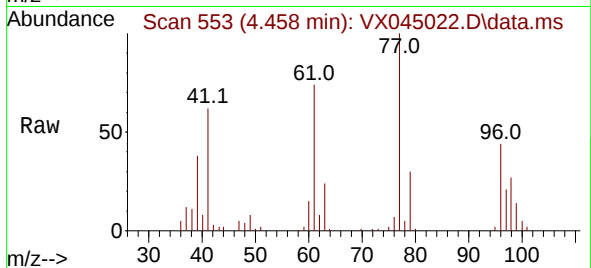
ClientSampleId :

Tgt Ion: 77 Resp: 45256

Ion Ratio Lower Upper

77 100

97 21.9 18.0 27.0



#32

1,1,1-Trichloroethane

Concen: 20.460 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

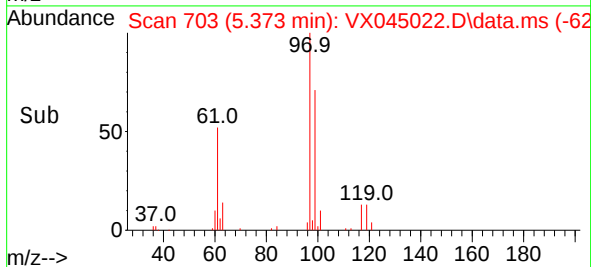
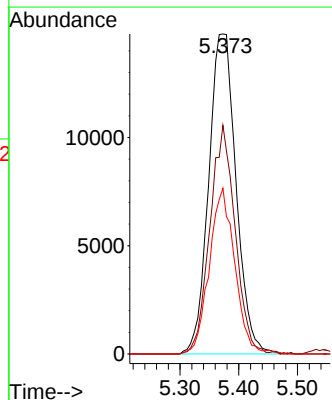
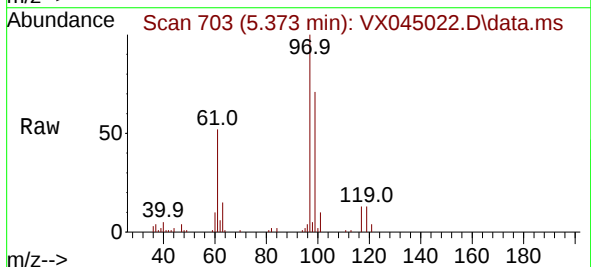
Tgt Ion: 97 Resp: 47928

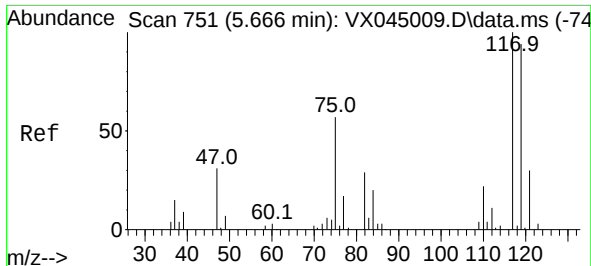
Ion Ratio Lower Upper

97 100

99 65.7 52.2 78.2

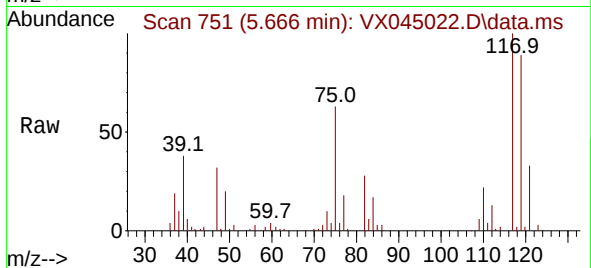
61 47.8 38.5 57.7



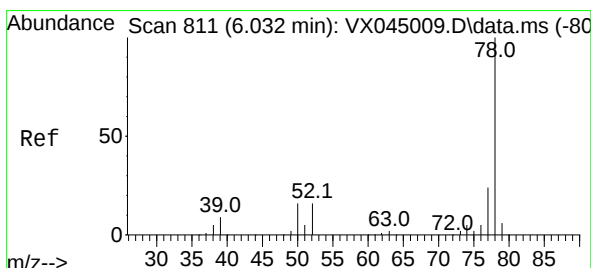
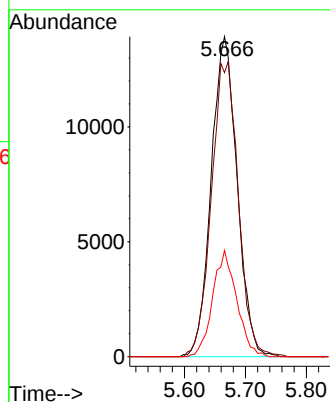
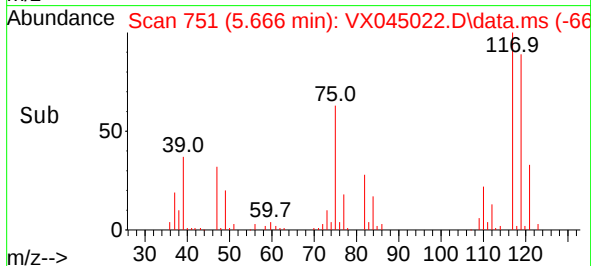


#33
Carbon Tetrachloride
Concen: 20.801 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

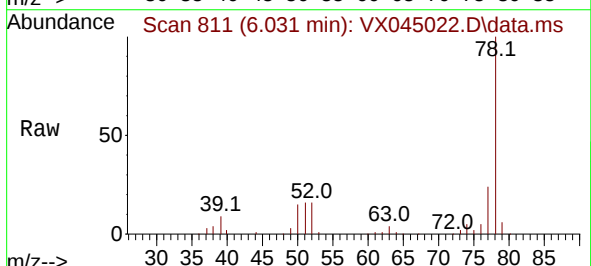
Instrument :
MSVOA_X
ClientSampleId :



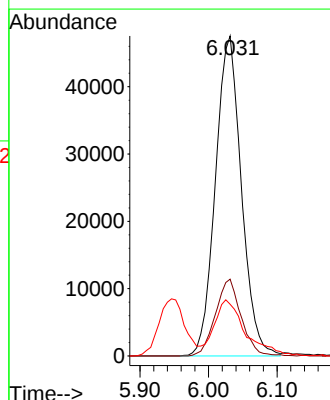
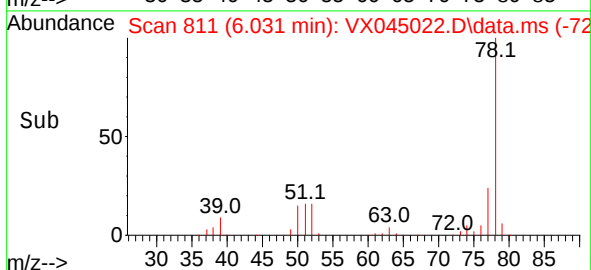
Tgt Ion:117 Resp: 41122
Ion Ratio Lower Upper
117 100
119 88.8 75.1 112.7
121 33.2 23.9 35.9

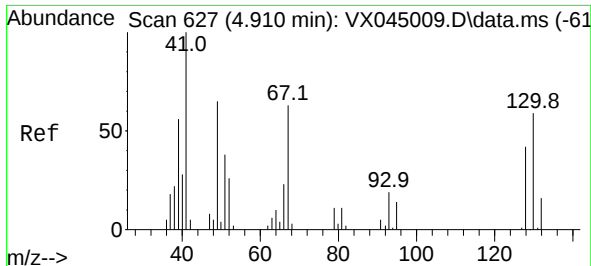


#34
Benzene
Concen: 20.635 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16



Tgt Ion: 78 Resp: 125107
Ion Ratio Lower Upper
78 100
77 24.0 19.6 29.4
51 14.8 13.8 20.6





#35

Methacrylonitrile

Concen: 20.877 ug/l

RT: 4.910 min Scan# 61

Delta R.T. -0.000 min

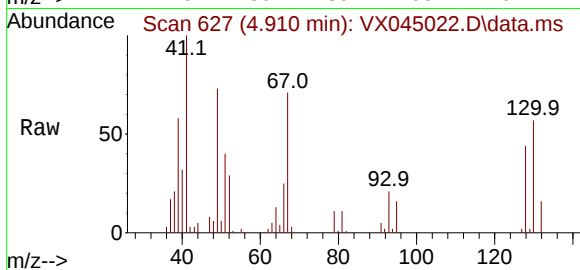
Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 41 Resp: 24947

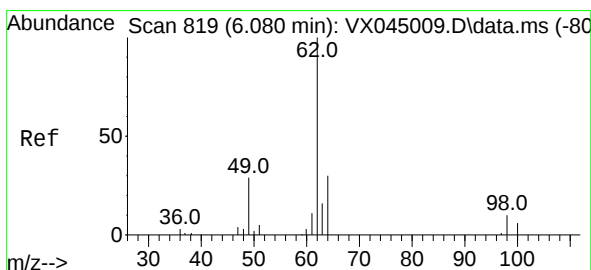
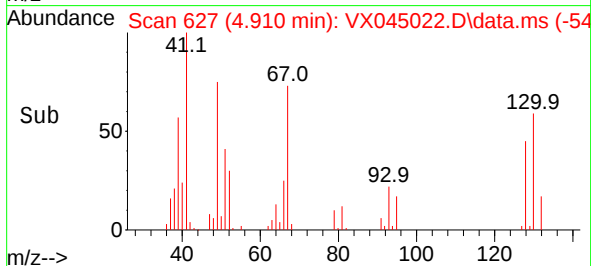
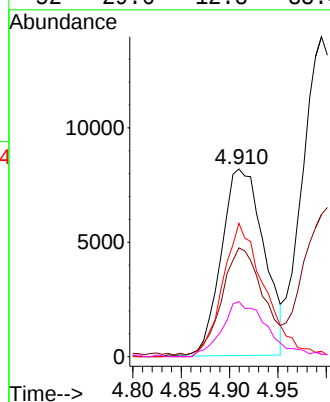
Ion Ratio Lower Upper

41 100

39 56.5 27.8 83.4

67 71.6 31.5 94.5

52 29.6 12.8 38.4



#36

1,2-Dichloroethane

Concen: 20.627 ug/l

RT: 6.080 min Scan# 819

Delta R.T. -0.000 min

Lab File: VX045022.D

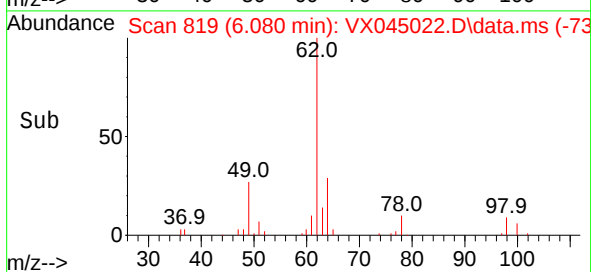
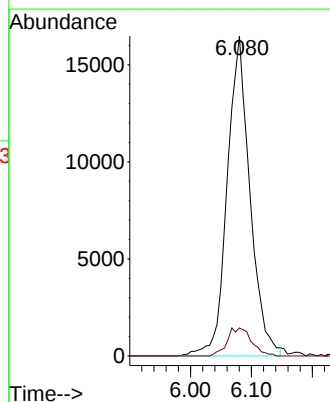
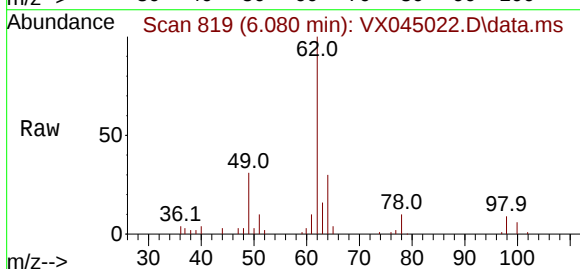
Acq: 24 Feb 2025 10:16

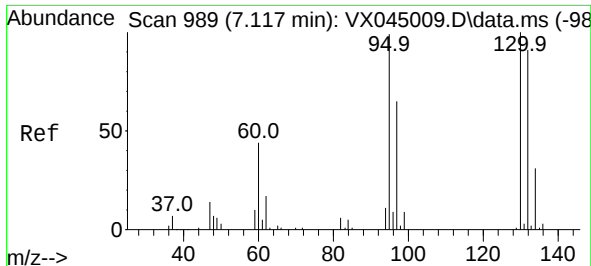
Tgt Ion: 62 Resp: 42815

Ion Ratio Lower Upper

62 100

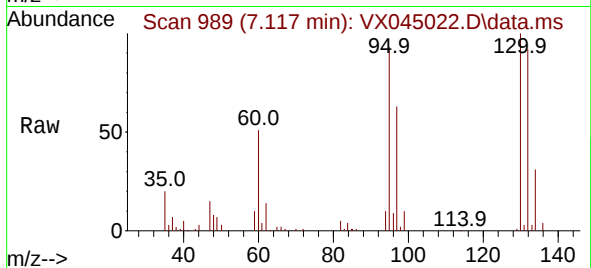
98 3.9 7.9 11.9#



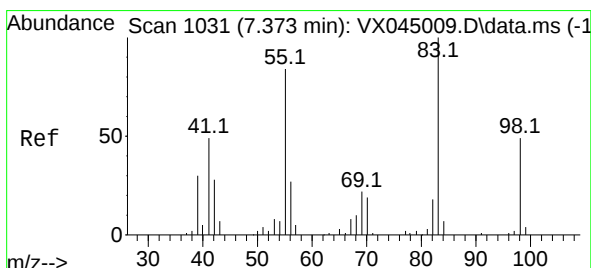
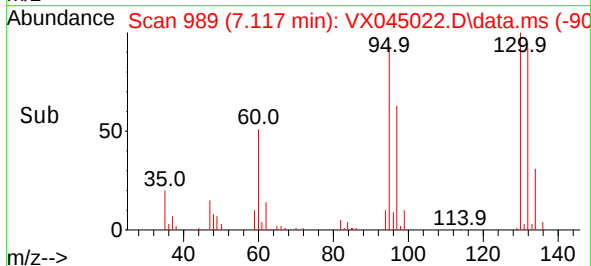
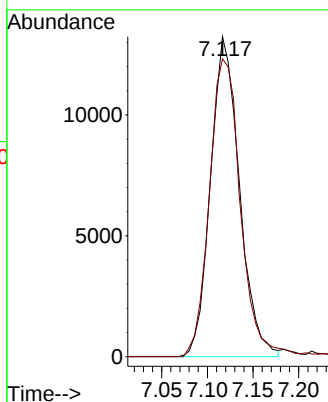


#37
Trichloroethene
Concen: 20.516 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :

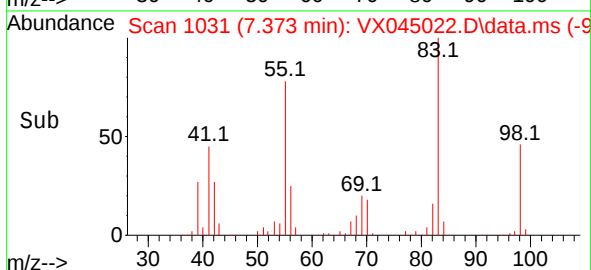
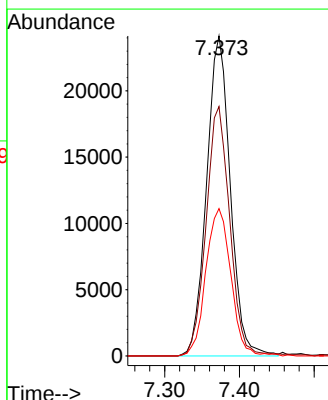
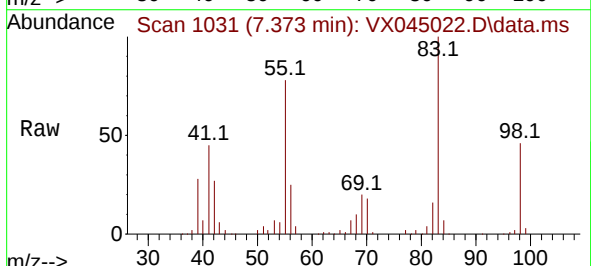


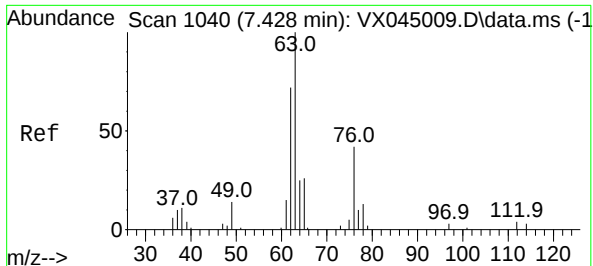
Tgt Ion:130 Resp: 29099
Ion Ratio Lower Upper
130 100
95 93.1 79.0 118.4



#38
Methylcyclohexane
Concen: 20.513 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

Tgt Ion: 83 Resp: 53249
Ion Ratio Lower Upper
83 100
55 78.1 40.6 122.0
98 48.2 24.9 74.6





#39

1,2-Dichloropropane

Concen: 20.076 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Instrument :

MSVOA_X

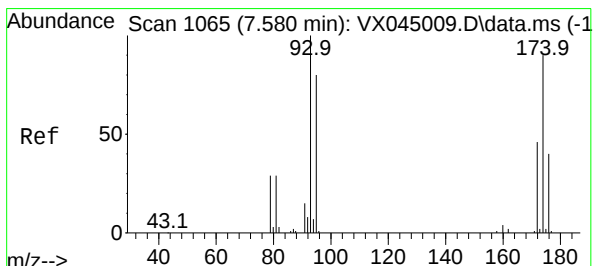
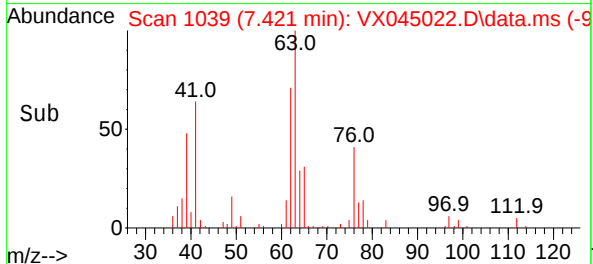
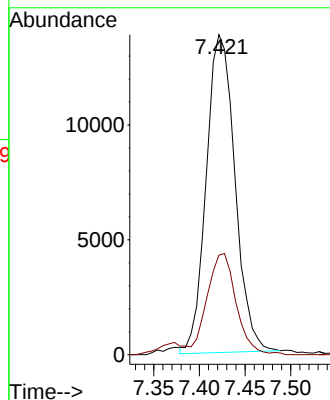
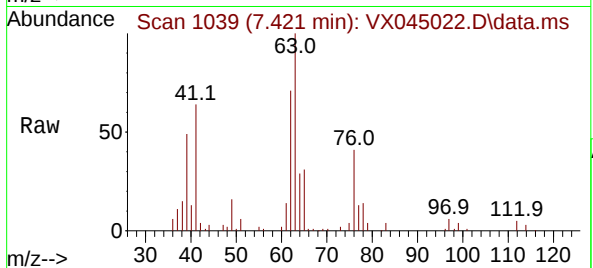
ClientSampleId :

Tgt Ion: 63 Resp: 30261

Ion Ratio Lower Upper

63 100

65 31.0 24.3 36.5



#40

Dibromomethane

Concen: 20.425 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

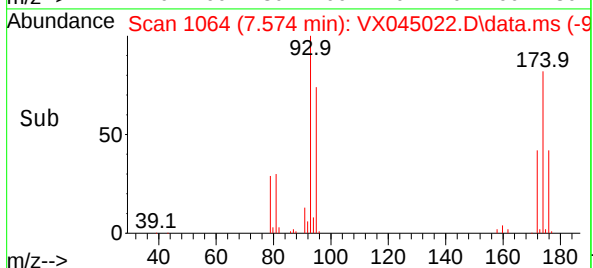
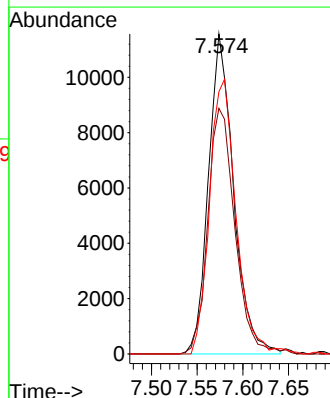
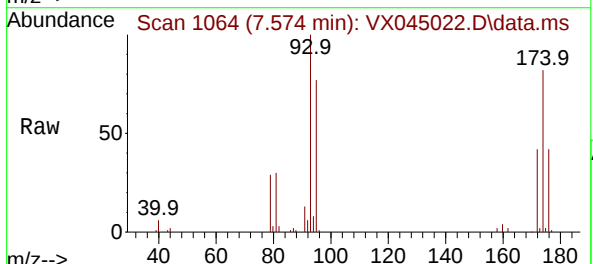
Tgt Ion: 93 Resp: 22092

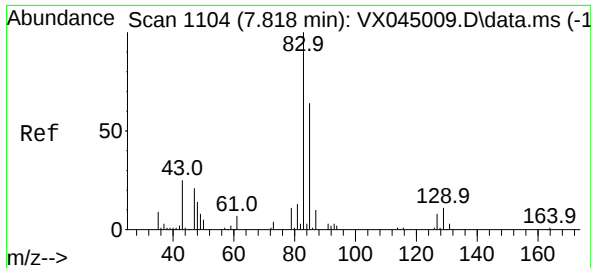
Ion Ratio Lower Upper

93 100

95 82.6 0.0 162.6

174 89.7 0.0 178.8

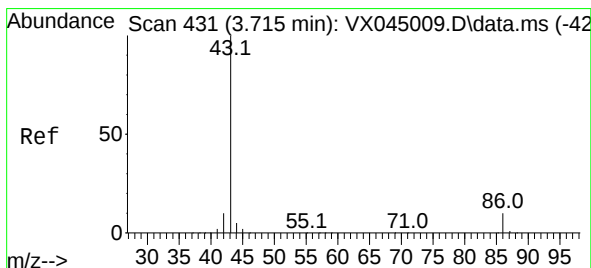
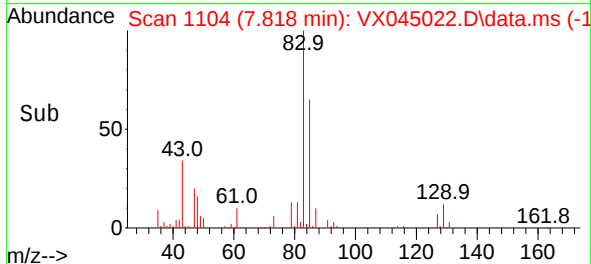
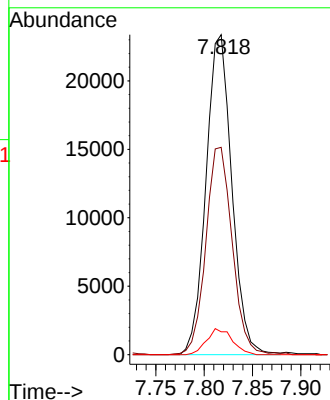
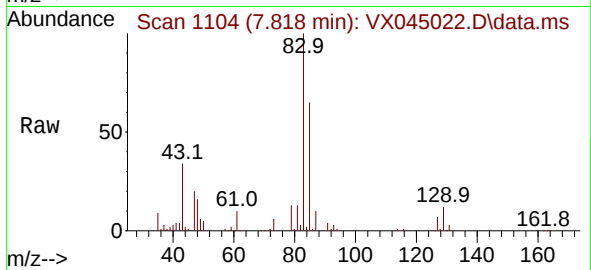




#41
Bromodichloromethane
Concen: 20.225 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

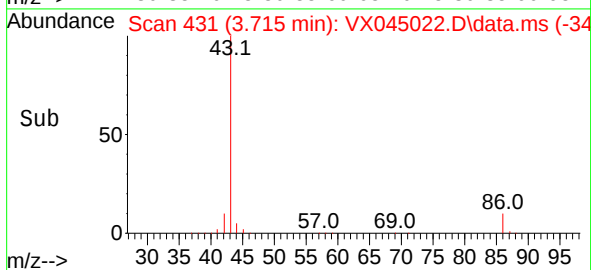
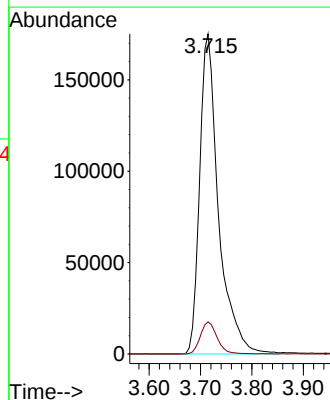
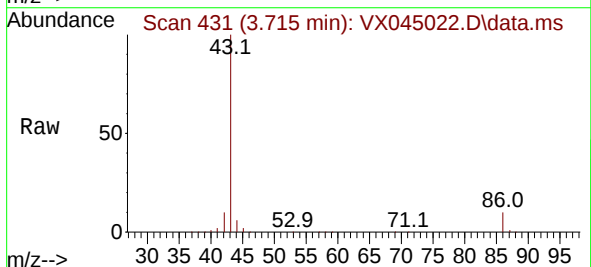
Instrument :
MSVOA_X
ClientSampleId :

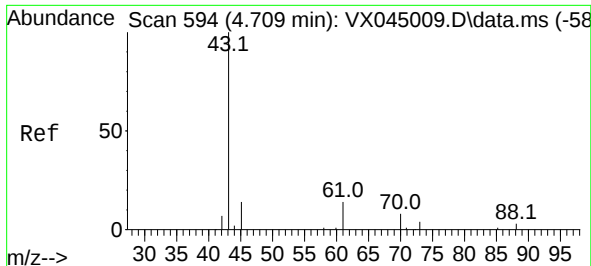
Tgt Ion: 83 Resp: 43480
Ion Ratio Lower Upper
83 100
85 64.4 51.0 76.6
127 7.2 6.1 9.1



#42
Vinyl Acetate
Concen: 102.873 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

Tgt Ion: 43 Resp: 445779
Ion Ratio Lower Upper
43 100
86 8.9 7.0 10.4





#43

Ethyl Acetate

Concen: 21.938 ug/l

RT: 4.702 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Instrument :

MSVOA_X

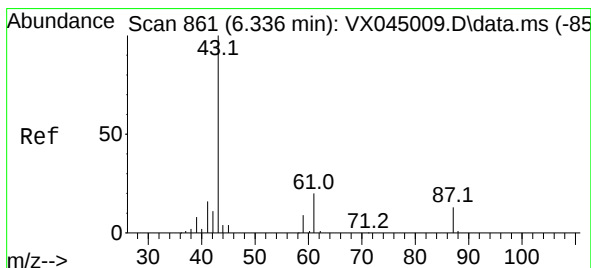
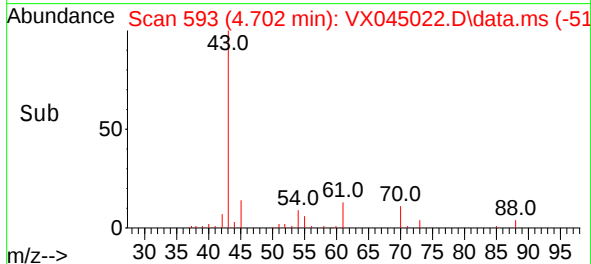
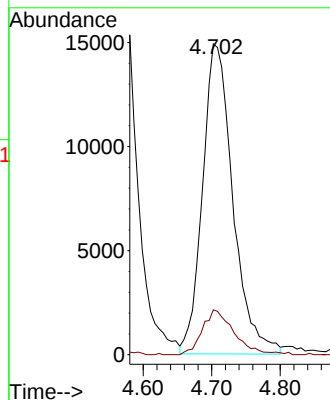
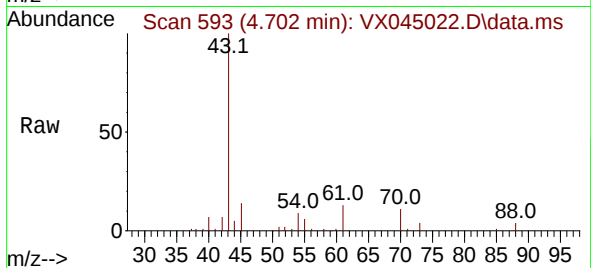
ClientSampleId :

Tgt Ion: 43 Resp: 45942

Ion Ratio Lower Upper

43 100

45 14.9 12.7 19.1



#44

Isopropyl Acetate

Concen: 21.193 ug/l

RT: 6.330 min Scan# 860

Delta R.T. -0.006 min

Lab File: VX045022.D

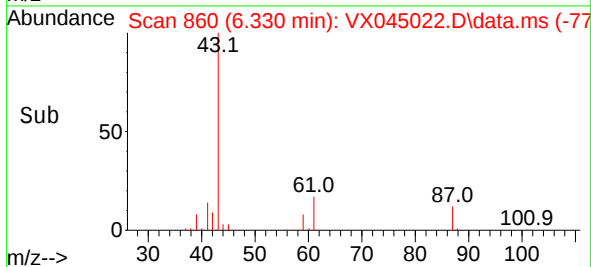
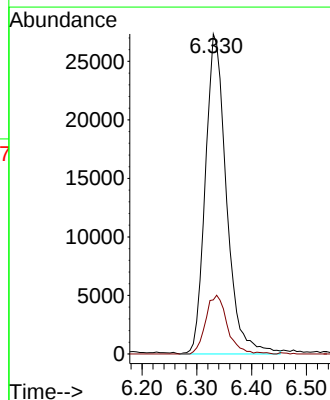
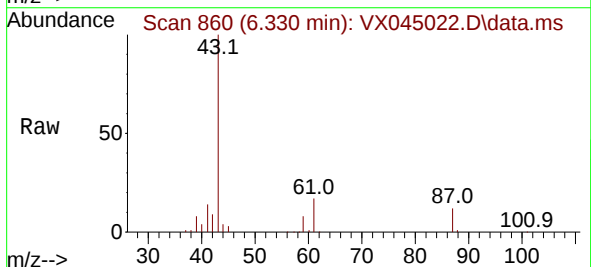
Acq: 24 Feb 2025 10:16

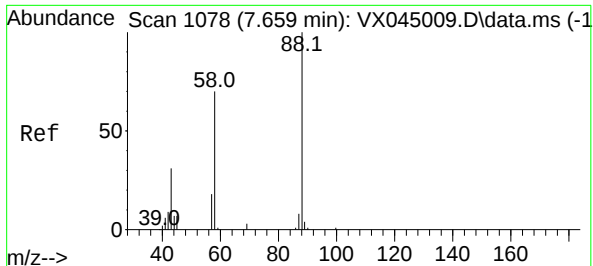
Tgt Ion: 43 Resp: 73046

Ion Ratio Lower Upper

43 100

61 18.6 15.5 23.3

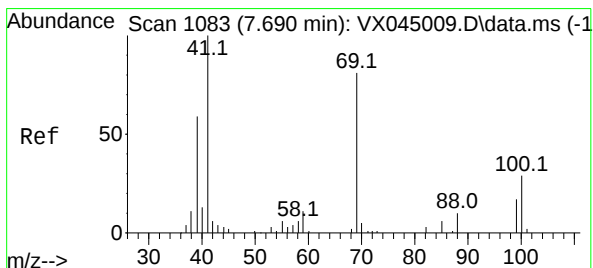
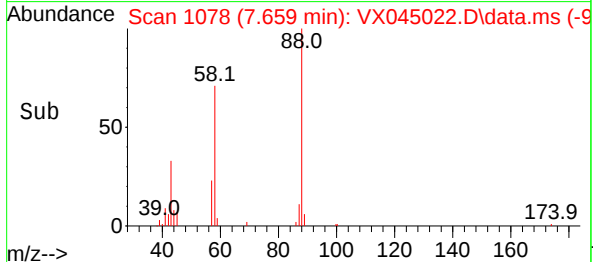
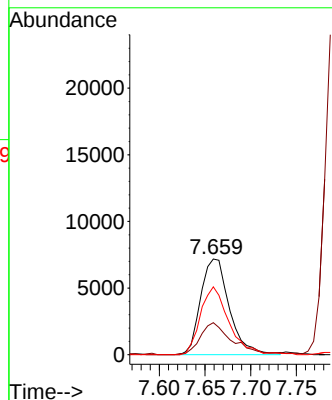
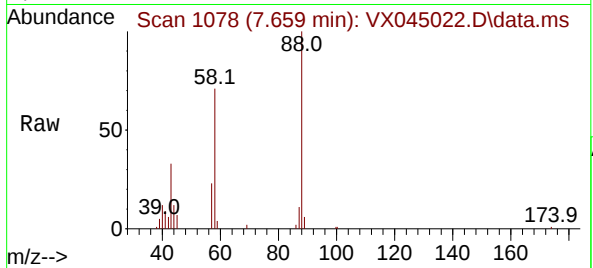




#45
1,4-Dioxane
Concen: 439.218 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

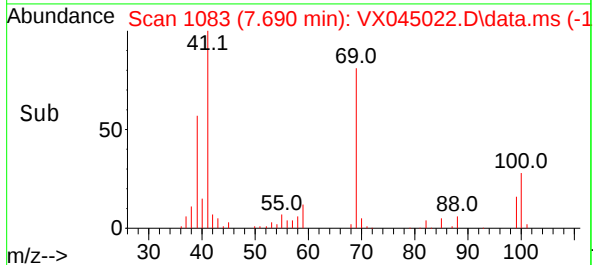
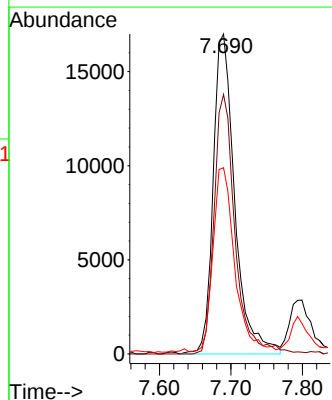
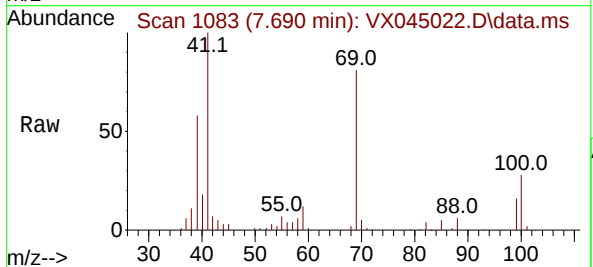
Instrument :
MSVOA_X
ClientSampleId :

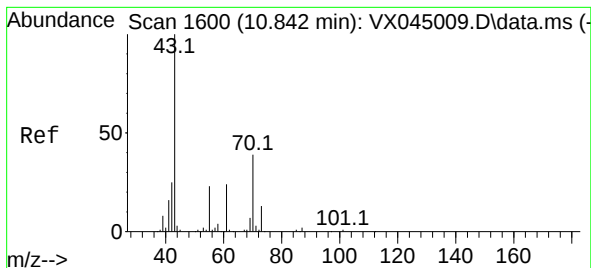
Tgt Ion: 88 Resp: 15737
Ion Ratio Lower Upper
88 100
43 36.3 29.6 44.4
58 69.0 56.2 84.4



#46
Methyl methacrylate
Concen: 21.077 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

Tgt Ion: 41 Resp: 35622
Ion Ratio Lower Upper
41 100
69 81.1 40.7 122.1
39 57.2 29.5 88.5





#47

n-amy1 Acetate

Concen: 20.662 ug/l

RT: 10.841 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Instrument :

MSVOA_X

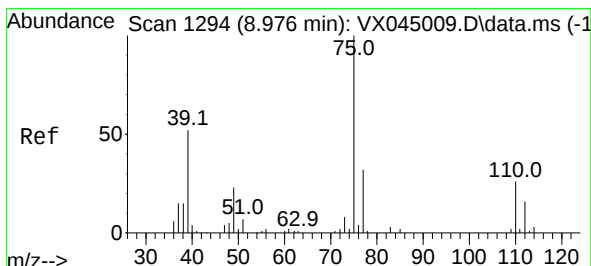
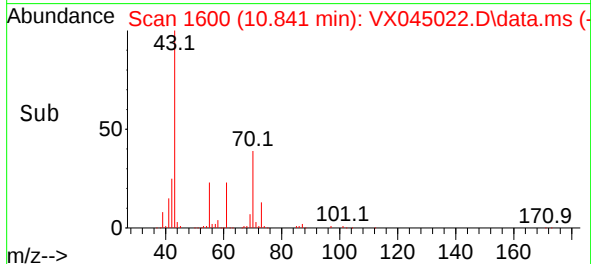
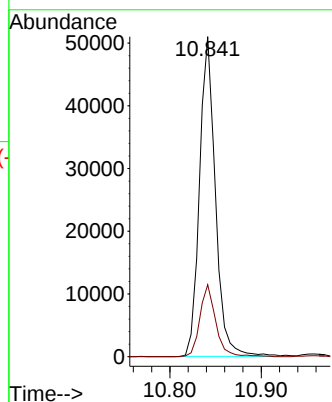
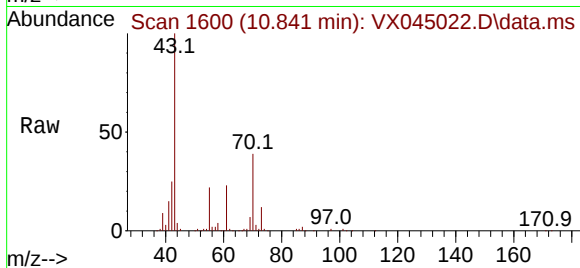
ClientSampleId :

Tgt Ion: 43 Resp: 61797

Ion Ratio Lower Upper

43 100

55 22.4 18.6 27.8



#48

t-1,3-Dichloropropene

Concen: 19.686 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX045022.D

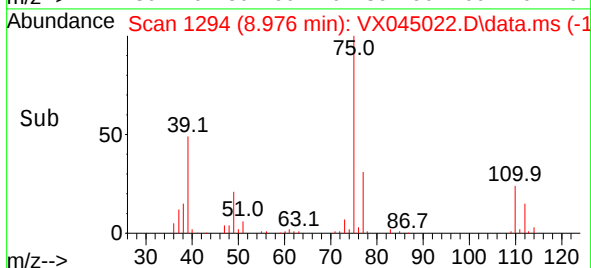
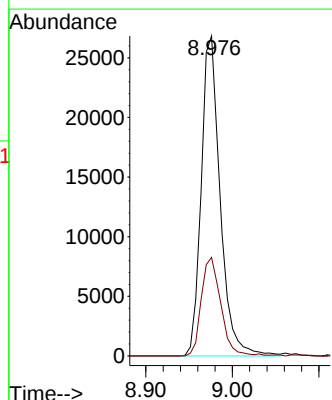
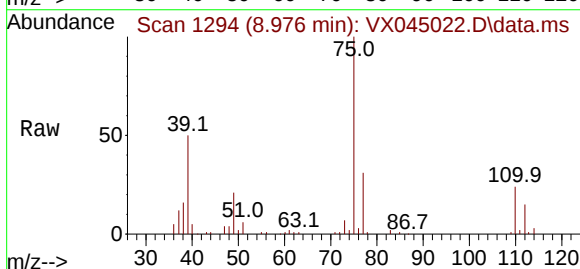
Acq: 24 Feb 2025 10:16

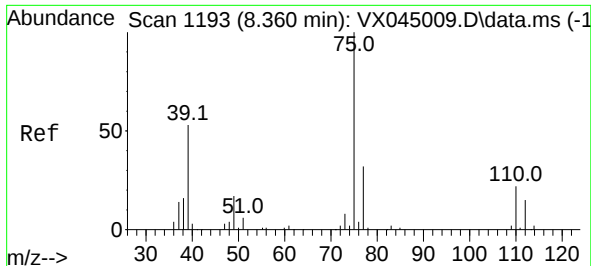
Tgt Ion: 75 Resp: 40791

Ion Ratio Lower Upper

75 100

77 30.8 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 20.704 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

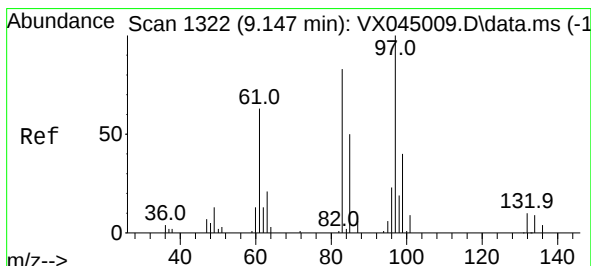
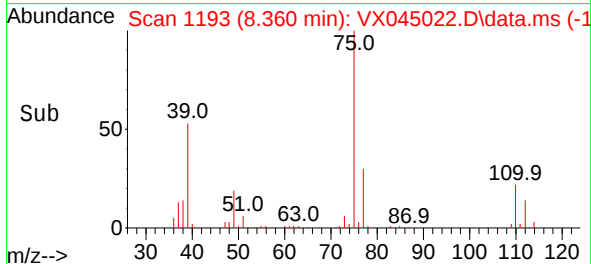
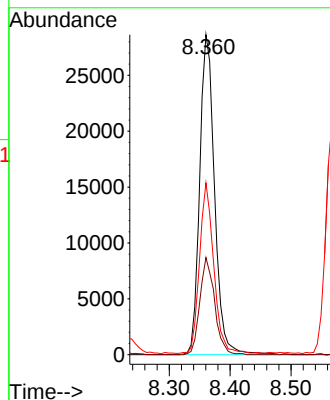
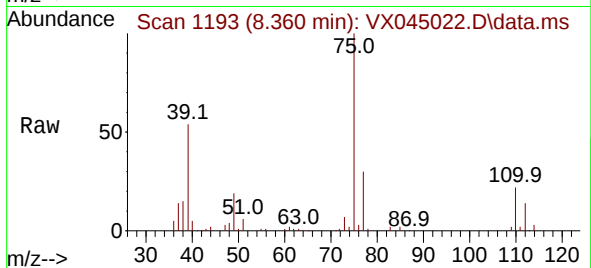
Tgt Ion: 75 Resp: 48564

Ion Ratio Lower Upper

75 100

77 30.4 25.9 38.9

39 53.2 42.3 63.5



#50

1,1,2-Trichloroethane

Concen: 20.723 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Tgt Ion: 97 Resp: 29237

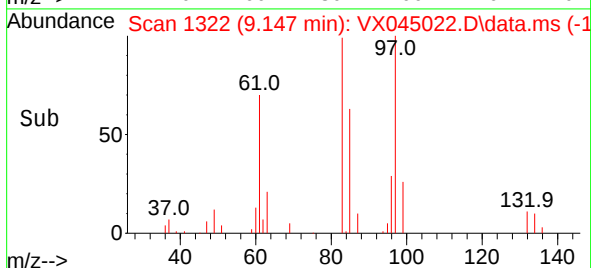
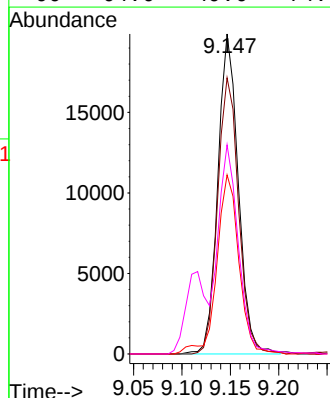
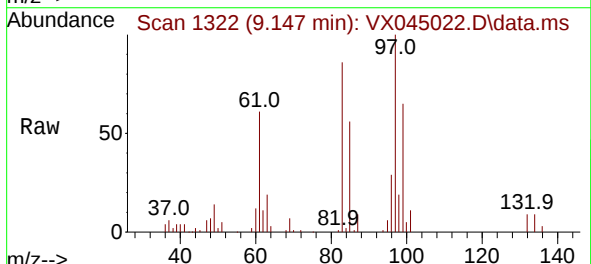
Ion Ratio Lower Upper

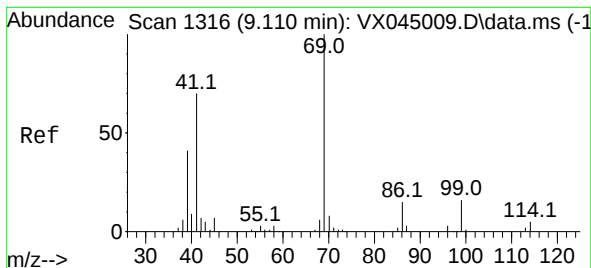
97 100

83 86.3 66.0 99.0

85 55.4 42.5 63.7

99 64.6 49.6 74.4





#51

Ethyl methacrylate

Concen: 19.657 ug/l

RT: 9.116 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

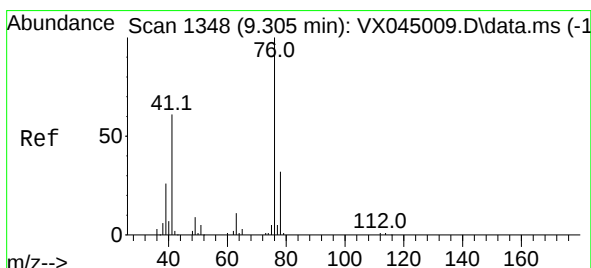
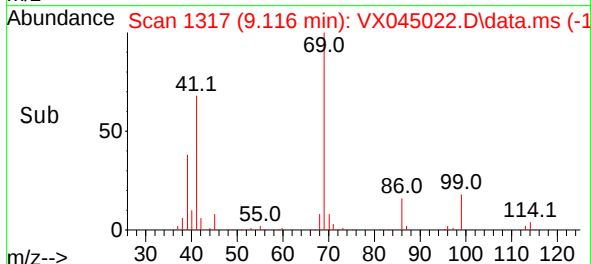
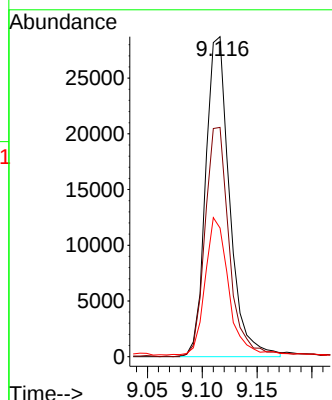
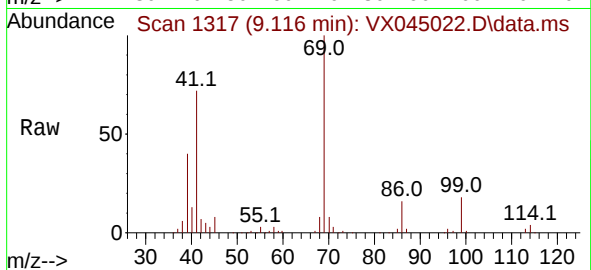
Tgt Ion: 69 Resp: 43618

Ion Ratio Lower Upper

69 100

41 71.3 35.1 105.3

39 39.5 20.5 61.6



#52

1,3-Dichloropropane

Concen: 20.713 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. -0.000 min

Lab File: VX045022.D

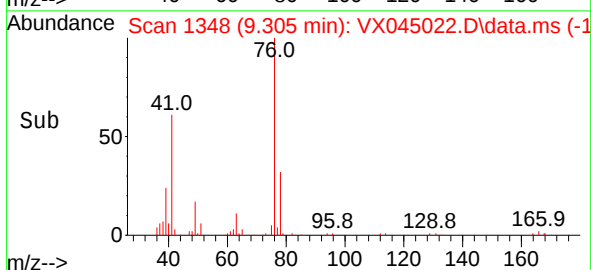
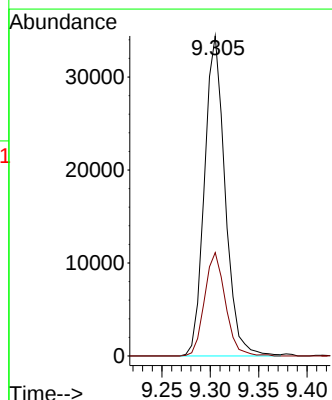
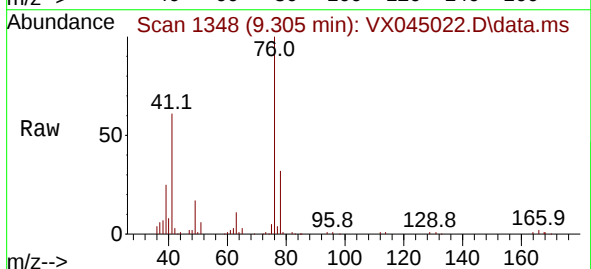
Acq: 24 Feb 2025 10:16

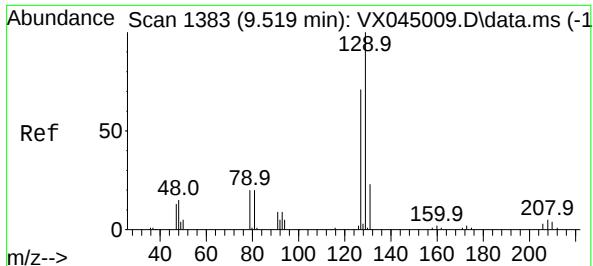
Tgt Ion: 76 Resp: 51204

Ion Ratio Lower Upper

76 100

78 32.4 0.0 63.6





#53

Dibromochloromethane

Concen: 20.772 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Instrument :

MSVOA_X

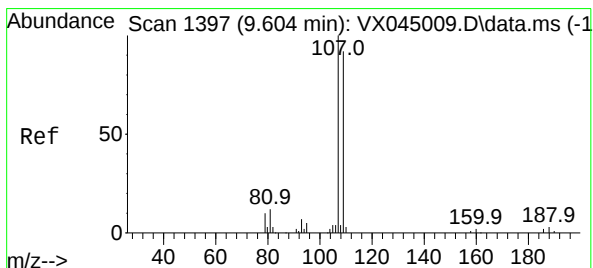
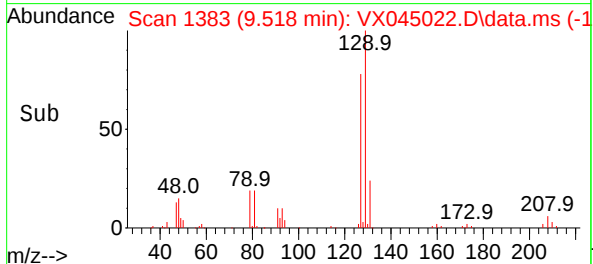
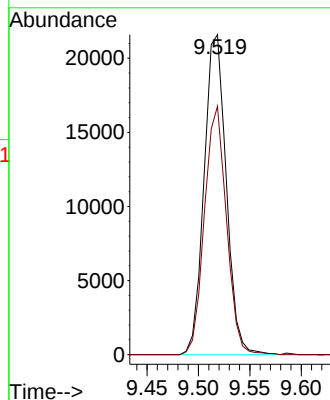
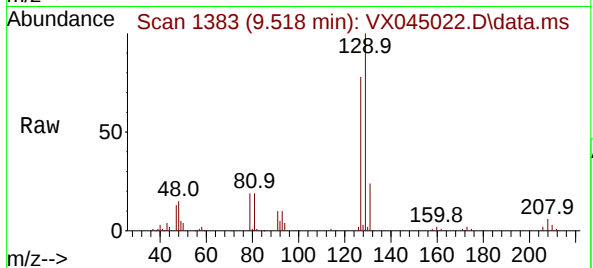
ClientSampleId :

Tgt Ion:129 Resp: 32413

Ion Ratio Lower Upper

129 100

127 77.2 37.3 111.9



#54

1,2-Dibromoethane

Concen: 20.756 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VX045022.D

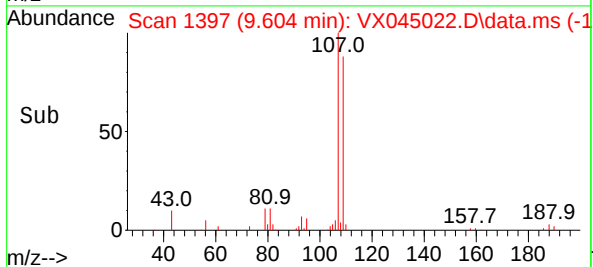
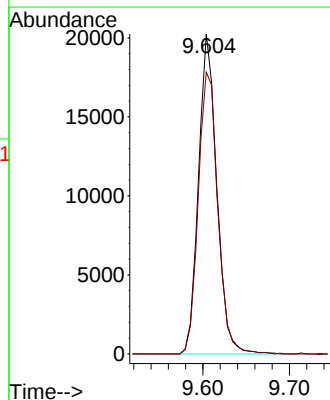
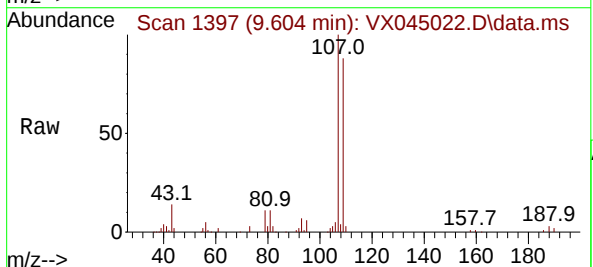
Acq: 24 Feb 2025 10:16

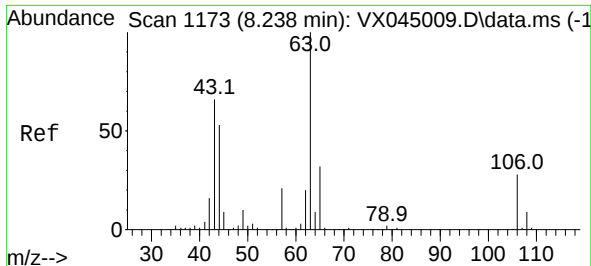
Tgt Ion:107 Resp: 29736

Ion Ratio Lower Upper

107 100

109 93.7 75.8 113.8





#55

2-Chloroethyl vinyl ether

Concen: 85.669 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VX045022.D

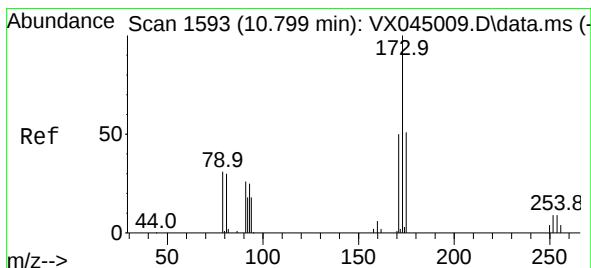
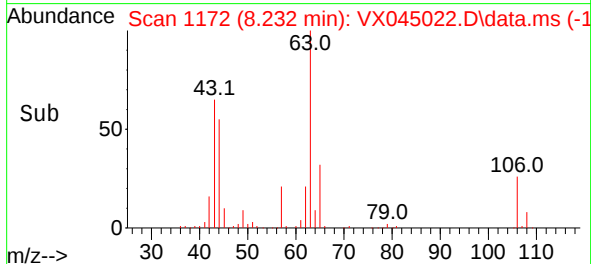
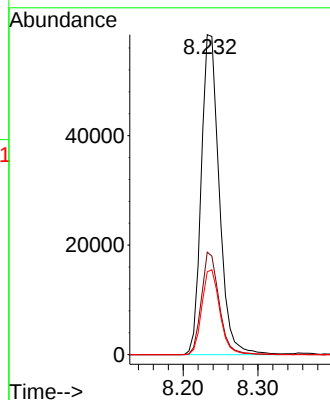
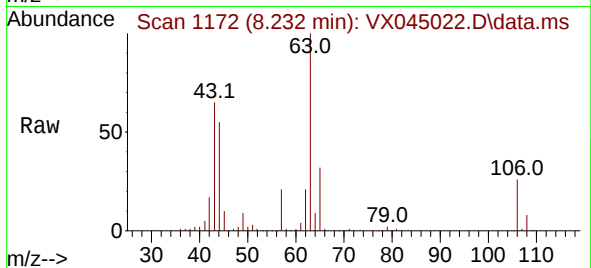
Acq: 24 Feb 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	63	Resp:	97617
Ion	Ratio	Lower	Upper
63	100		
65	31.6	26.2	39.2
106	26.5	21.2	31.8



#56

Bromoform

Concen: 21.431 ug/l

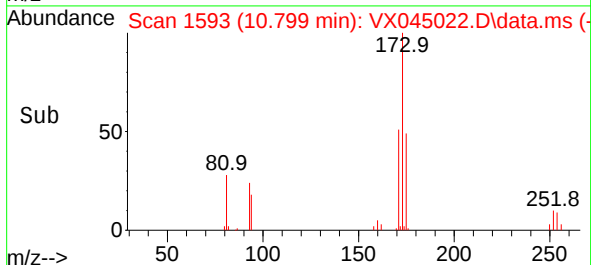
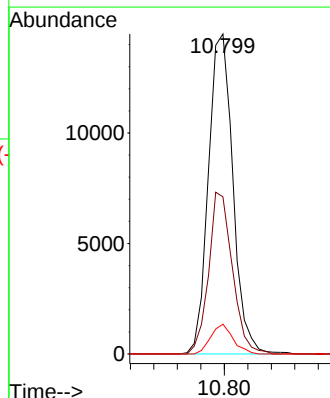
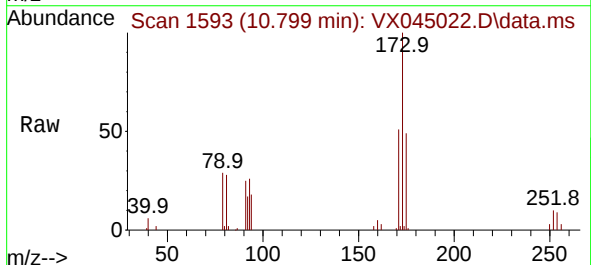
RT: 10.799 min Scan# 1593

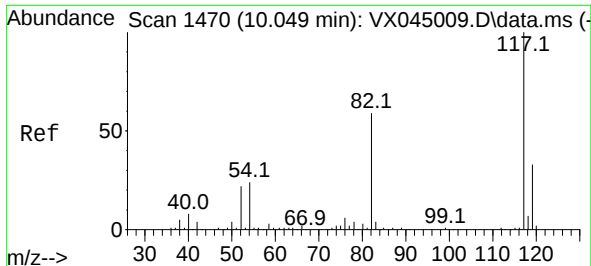
Delta R.T. -0.000 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Tgt Ion:	173	Resp:	20955
Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.6	59.4
254	8.4	6.3	9.5





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

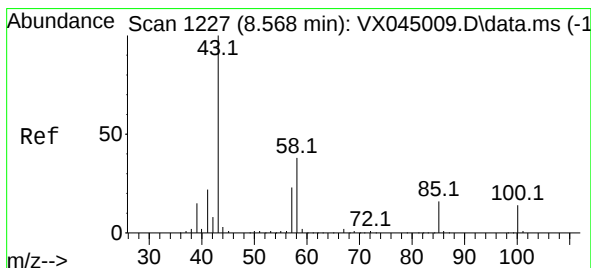
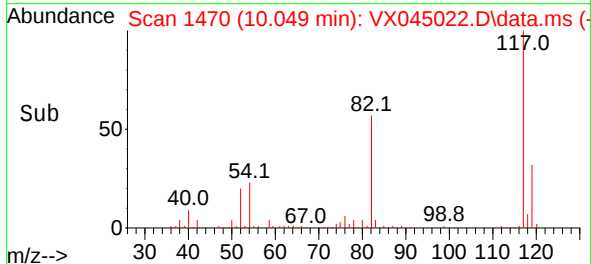
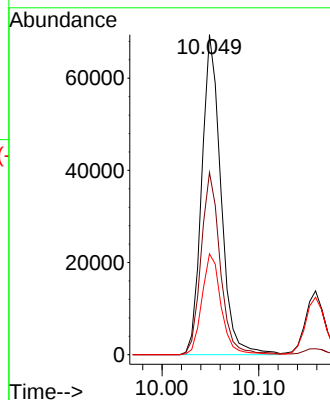
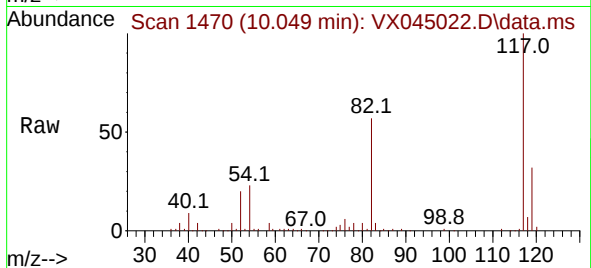
Tgt Ion:117 Resp: 96021

Ion Ratio Lower Upper

117 100

82 56.3 45.8 68.8

119 31.7 25.5 38.3



#58

4-Methyl-2-Pentanone

Concen: 109.161 ug/l

RT: 8.567 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

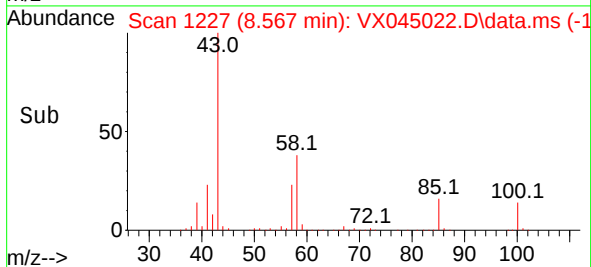
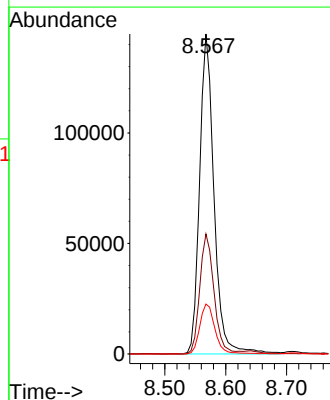
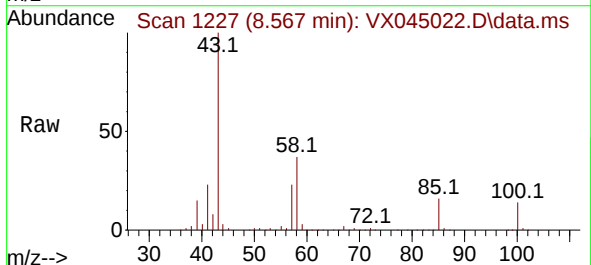
Tgt Ion: 43 Resp: 238438

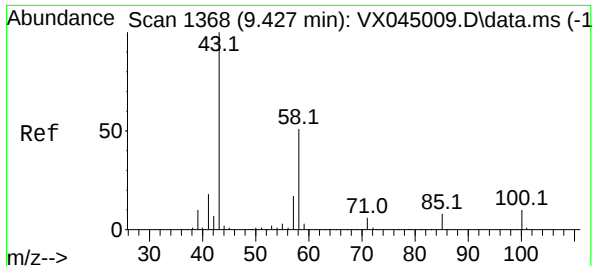
Ion Ratio Lower Upper

43 100

58 36.9 29.5 44.3

85 16.4 12.9 19.3





#59

2-Hexanone

Concen: 110.746 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

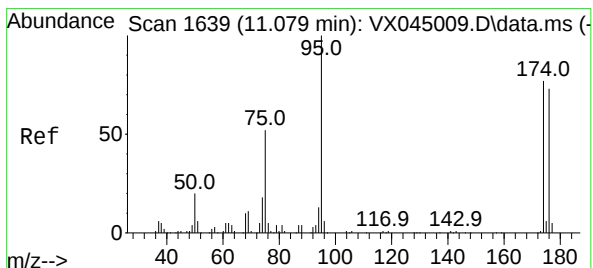
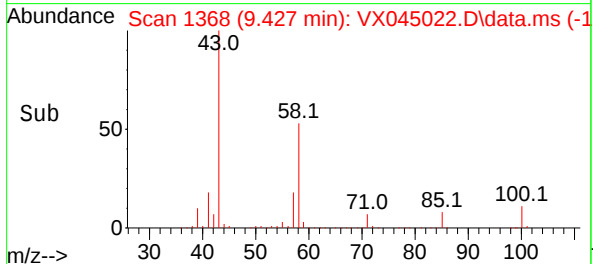
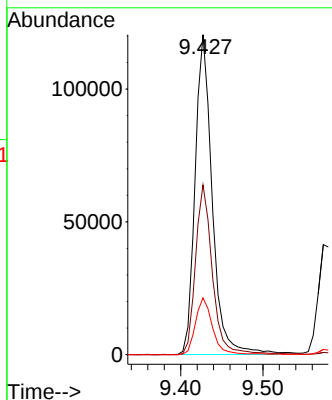
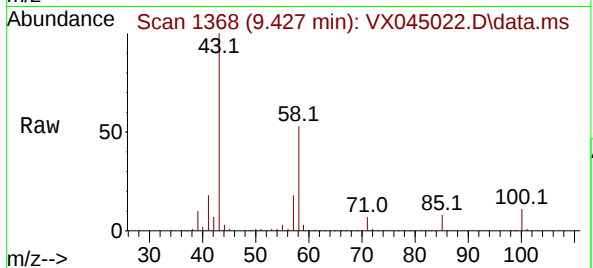
Tgt Ion: 43 Resp: 174848

Ion Ratio Lower Upper

43 100

58 52.5 41.6 62.4

57 17.5 13.8 20.6



#60

4-Bromofluorobenzene

Concen: 30.157 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

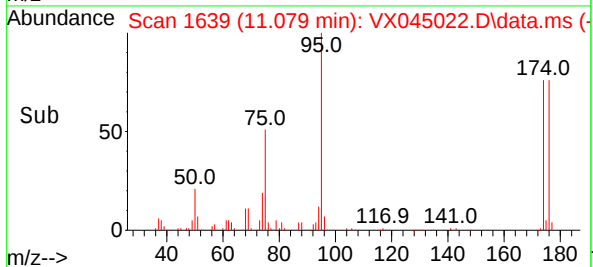
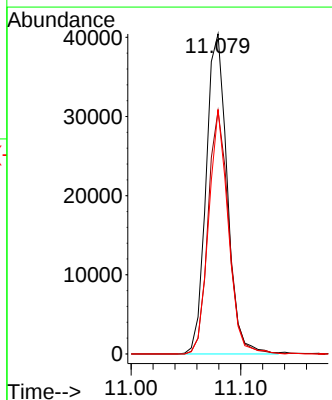
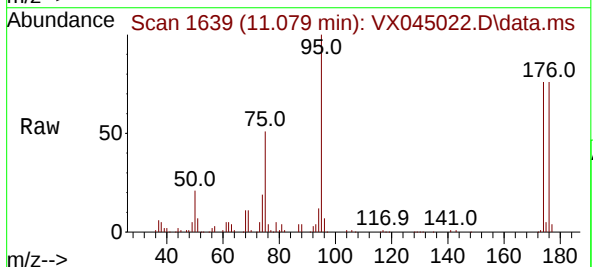
Tgt Ion: 95 Resp: 54124

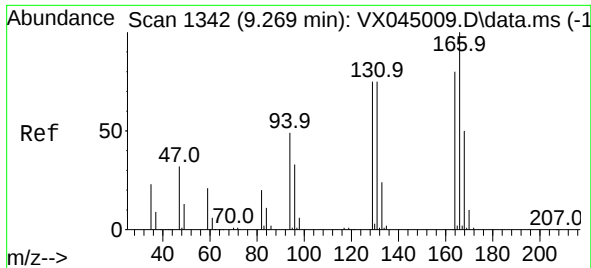
Ion Ratio Lower Upper

95 100

174 74.5 59.5 89.3

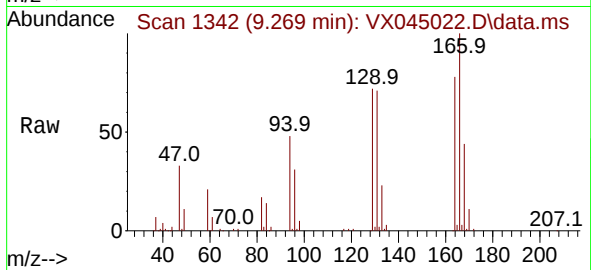
176 70.8 55.5 83.3



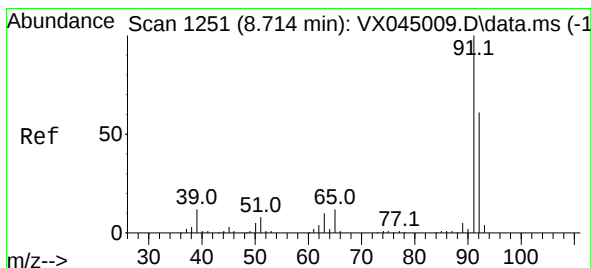
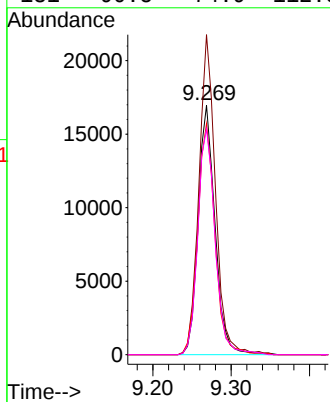
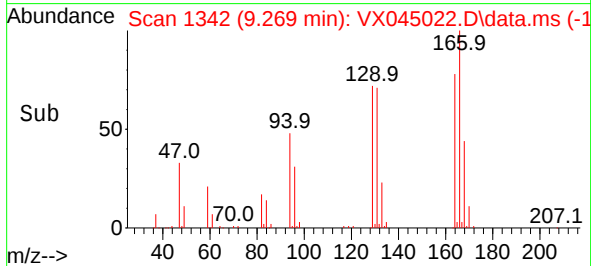


#61
Tetrachloroethene
Concen: 21.438 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

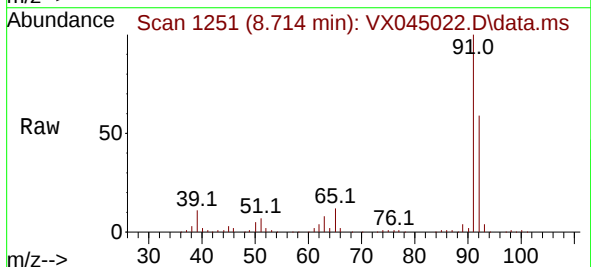
Instrument :
MSVOA_X
ClientSampleId :



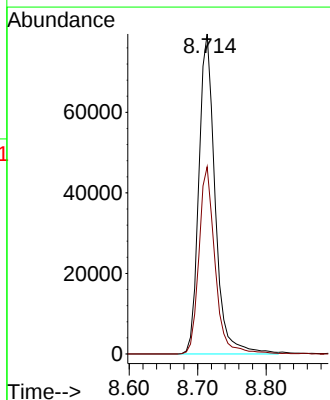
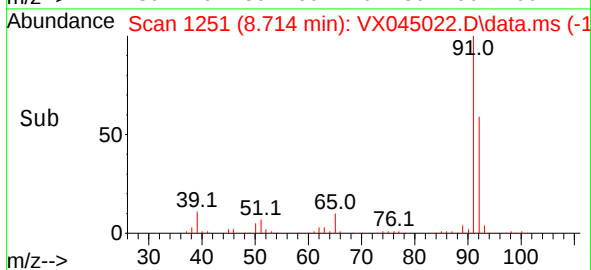
Tgt Ion:164 Resp: 25348
Ion Ratio Lower Upper
164 100
166 128.3 100.3 150.5
129 92.7 75.5 113.3
131 90.5 74.9 112.3

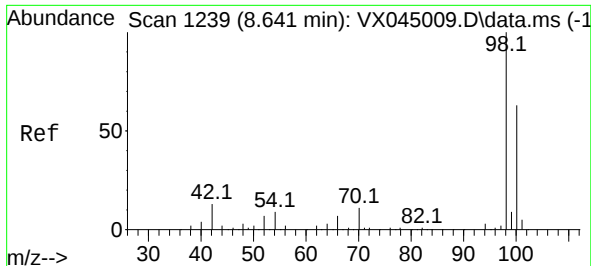


#62
Toluene
Concen: 20.685 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16



Tgt Ion: 91 Resp: 131575
Ion Ratio Lower Upper
91 100
92 57.9 46.9 70.3

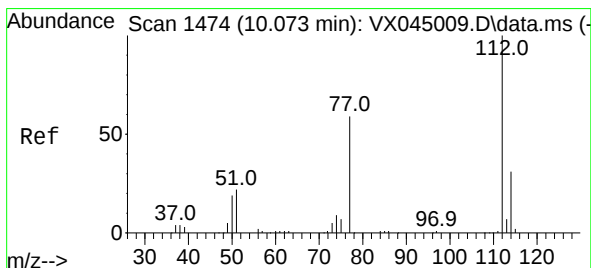
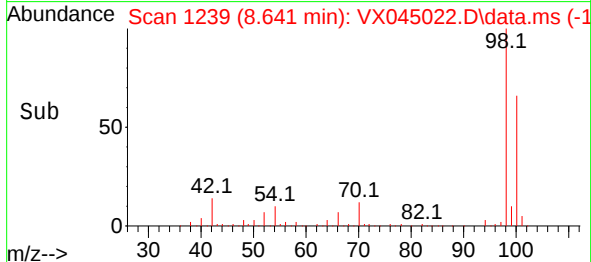
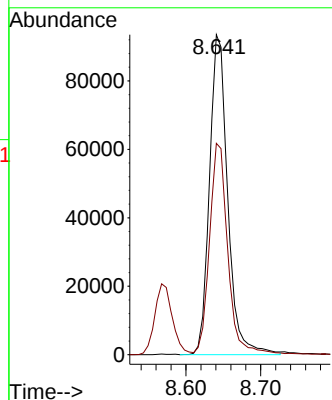
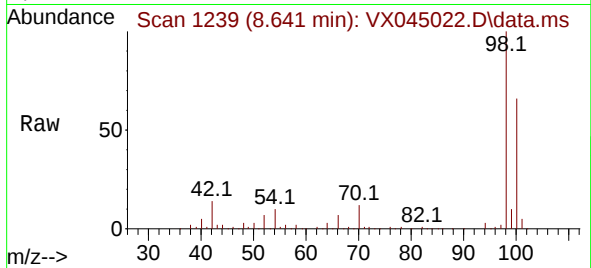




#63
Toluene-d8
Concen: 29.855 ug/l
RT: 8.641 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

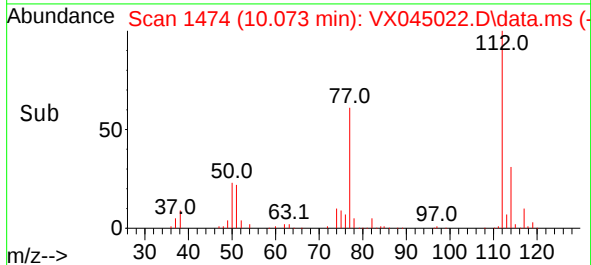
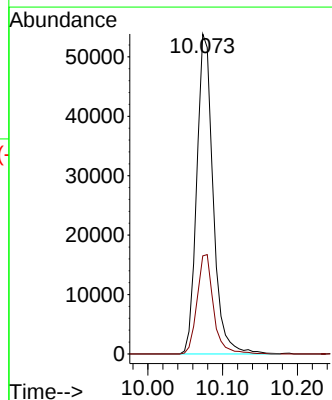
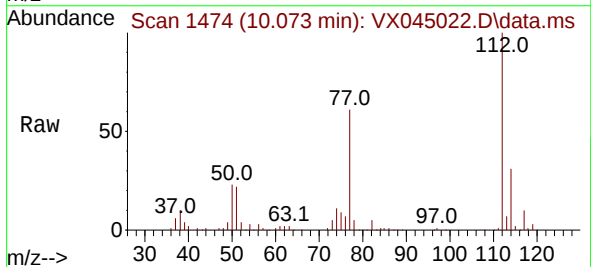
Instrument :
MSVOA_X
ClientSampleId :

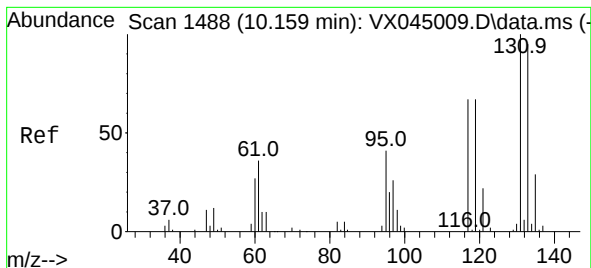
Tgt Ion: 98 Resp: 158594
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



#64
Chlorobenzene
Concen: 20.759 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

Tgt Ion: 112 Resp: 81824
Ion Ratio Lower Upper
112 100
114 30.7 24.7 37.1





#65

1,1,1,2-Tetrachloroethane

Concen: 20.645 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

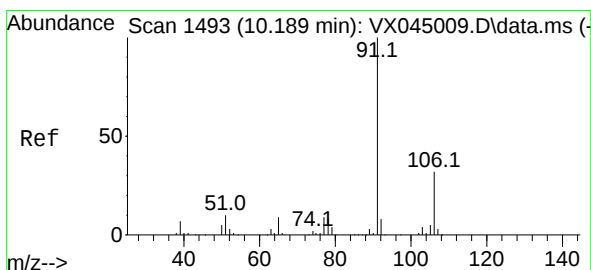
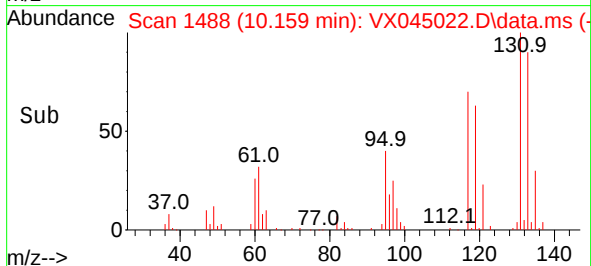
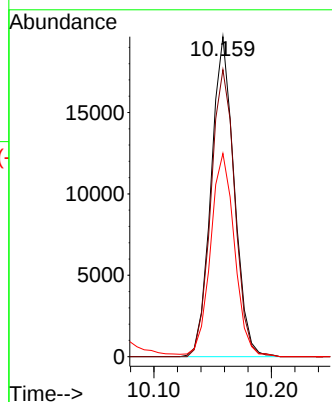
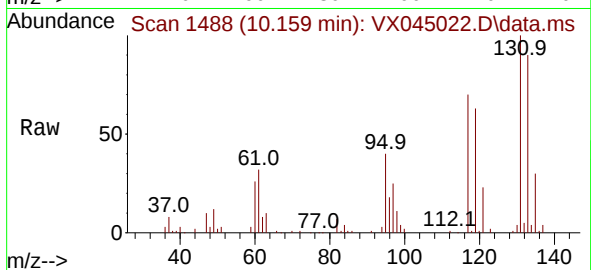
Tgt Ion:131 Resp: 26851

Ion Ratio Lower Upper

131 100

133 93.0 0.0 187.8

119 66.0 0.0 133.0



#66

Ethyl Benzene

Concen: 20.218 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX045022.D

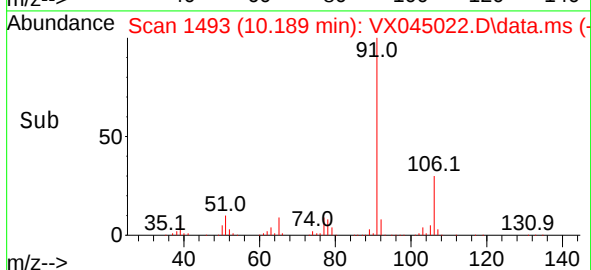
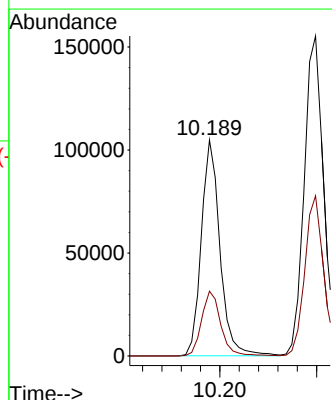
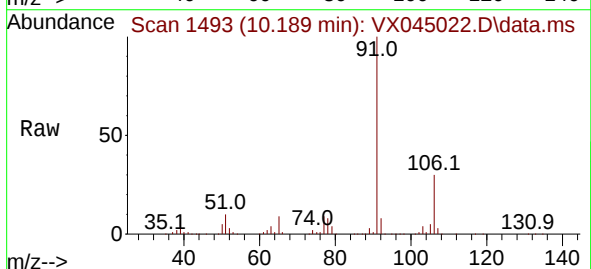
Acq: 24 Feb 2025 10:16

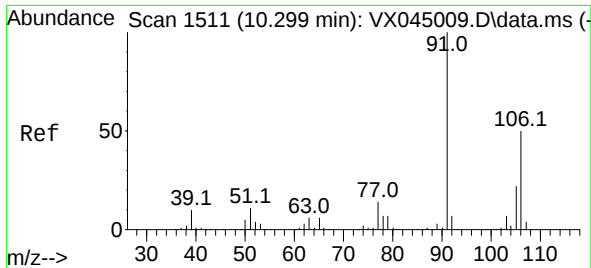
Tgt Ion: 91 Resp: 140795

Ion Ratio Lower Upper

91 100

106 30.1 25.4 38.2

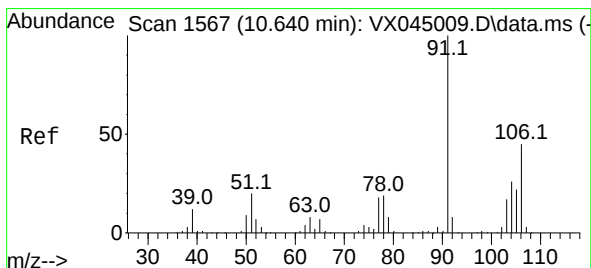
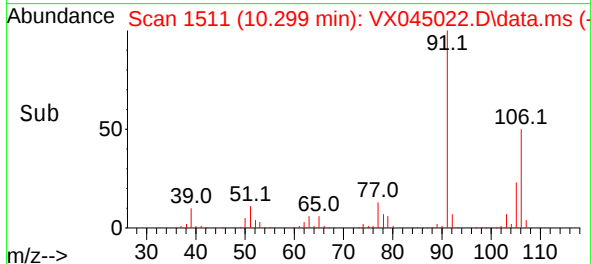
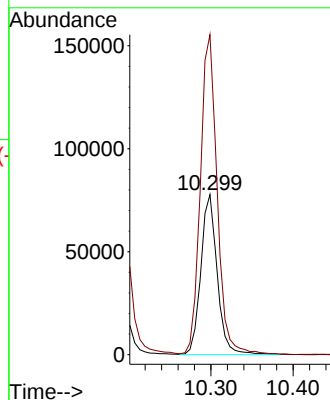
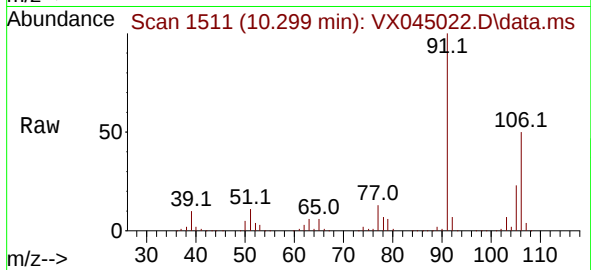




#67
m/p-Xylenes
Concen: 41.491 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

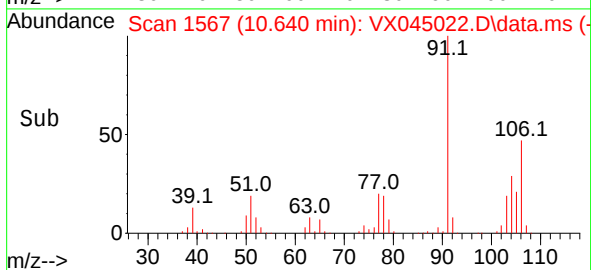
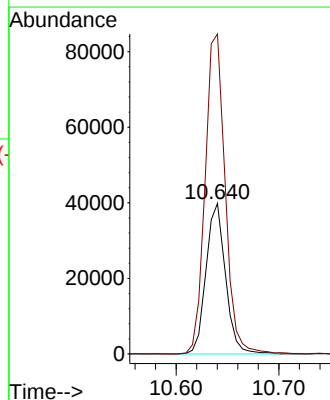
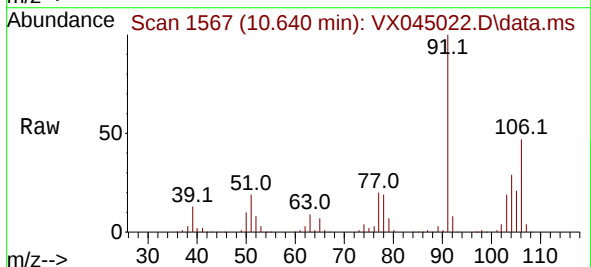
Instrument :
MSVOA_X
ClientSampleId :

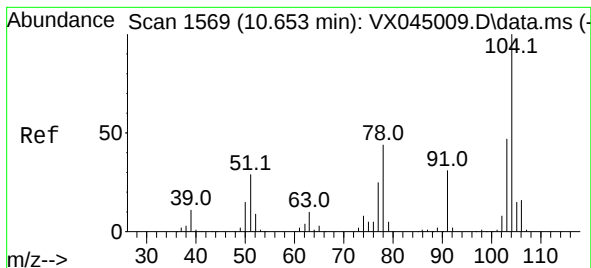
Tgt Ion:106 Resp: 107652
Ion Ratio Lower Upper
106 100
91 204.8 163.7 245.5



#68
o-Xylene
Concen: 20.653 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

Tgt Ion:106 Resp: 52578
Ion Ratio Lower Upper
106 100
91 219.1 109.7 329.1





#69

Styrene

Concen: 20.360 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

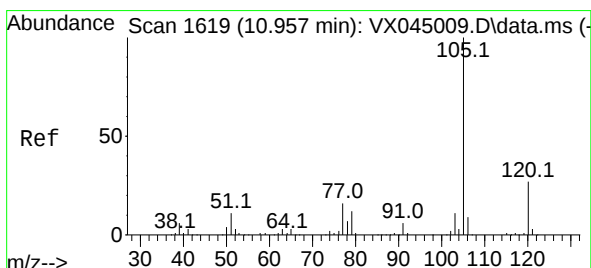
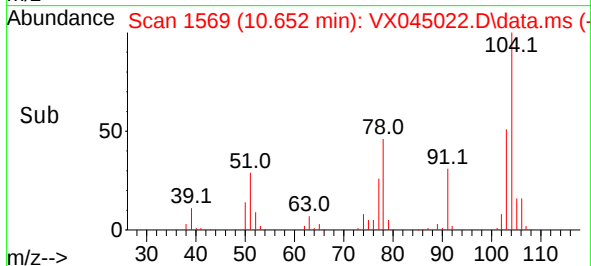
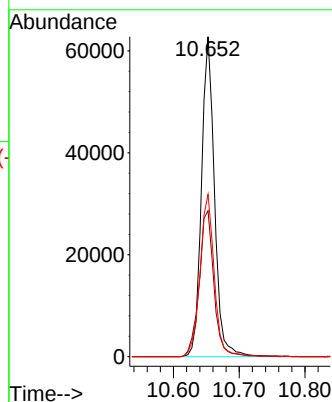
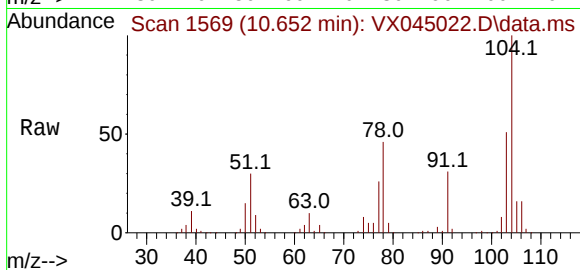
Tgt Ion:104 Resp: 86568

Ion Ratio Lower Upper

104 100

78 51.4 41.4 62.0

103 55.3 43.0 64.4



#70

Isopropylbenzene

Concen: 20.896 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX045022.D

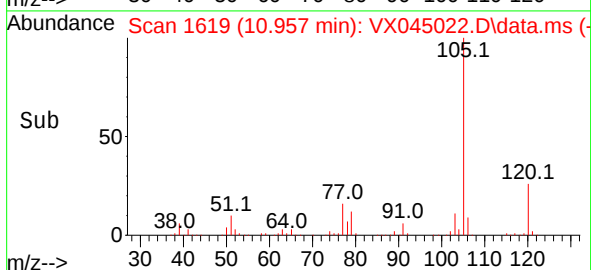
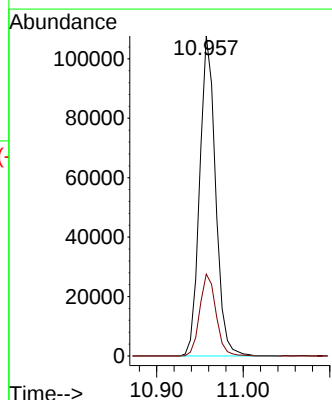
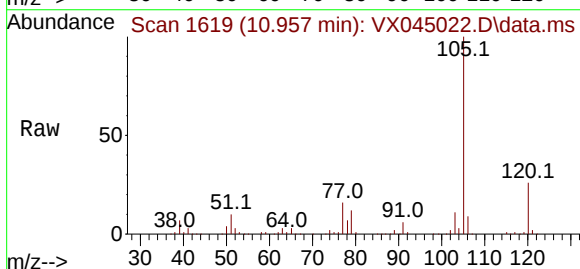
Acq: 24 Feb 2025 10:16

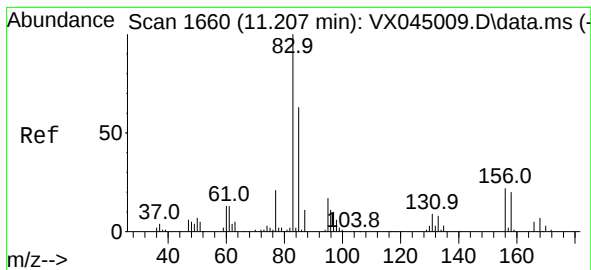
Tgt Ion:105 Resp: 137275

Ion Ratio Lower Upper

105 100

120 26.0 18.4 34.2

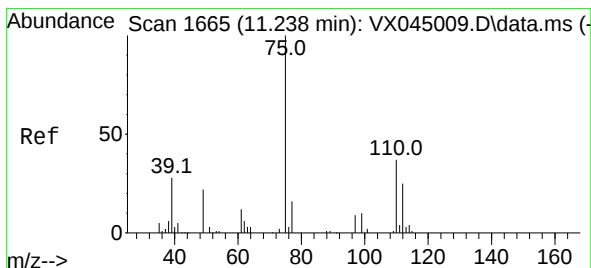
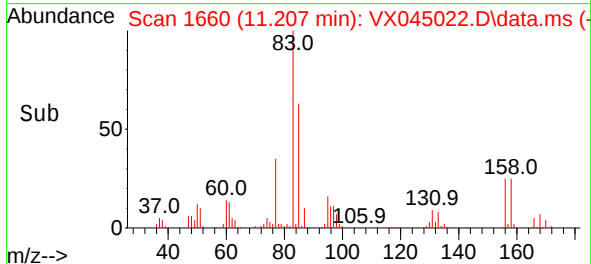
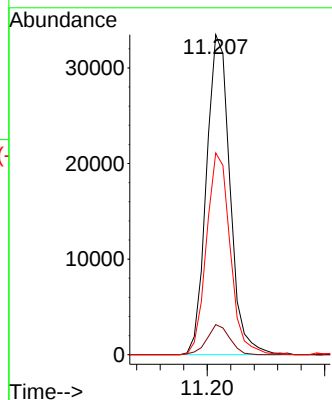
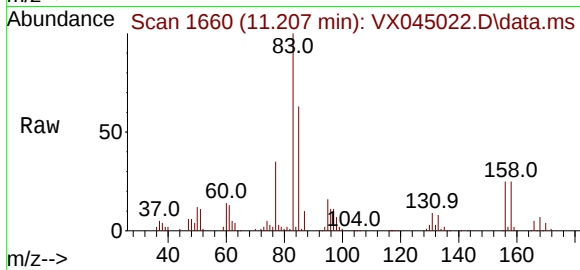




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.539 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. -0.000 min
 Lab File: VX045022.D
 Acq: 24 Feb 2025 10:16

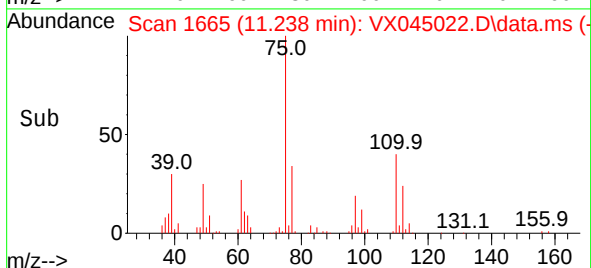
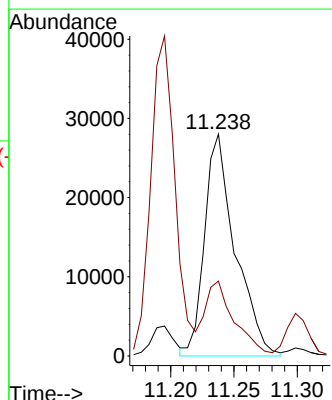
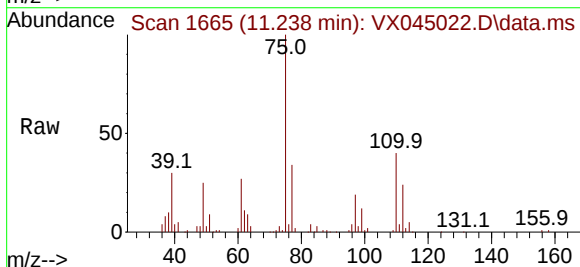
Instrument :
 MSVOA_X
 ClientSampleId :

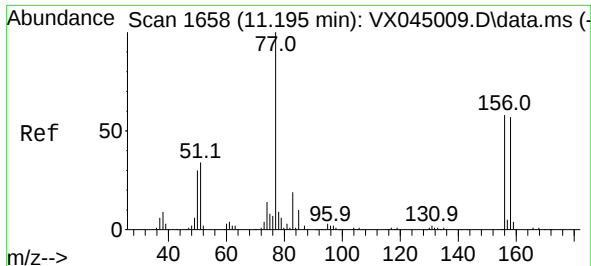
Tgt Ion: 83 Resp: 46531
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.8 14.3
 85 63.4 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 26.628 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX045022.D
 Acq: 24 Feb 2025 10:16

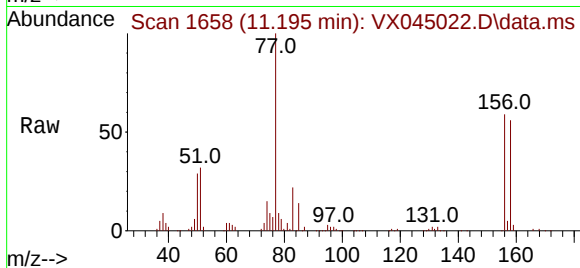
Tgt Ion: 75 Resp: 47314
 Ion Ratio Lower Upper
 75 100
 77 32.5 0.0 84.0



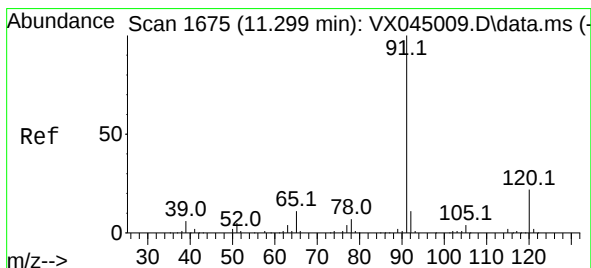
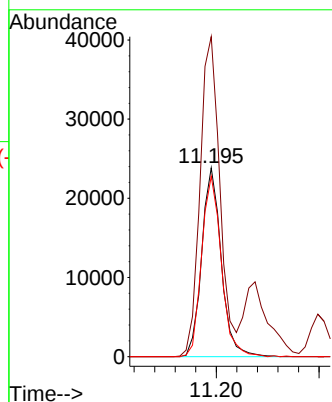
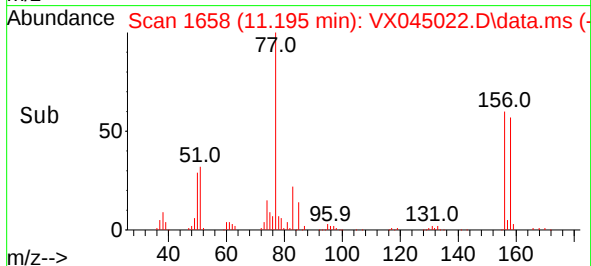


#73
Bromobenzene
Concen: 20.862 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

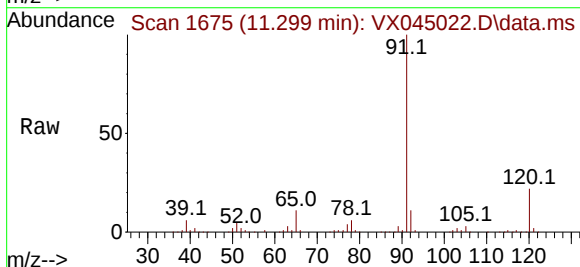
Instrument :
MSVOA_X
ClientSampleId :



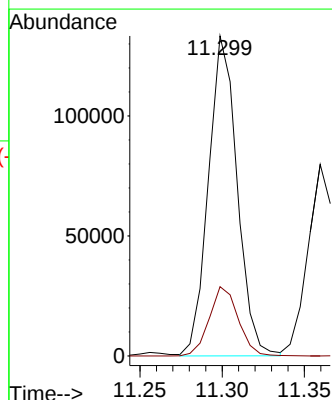
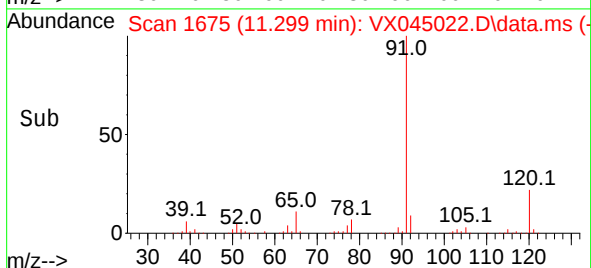
Tgt Ion:156 Resp: 31551
Ion Ratio Lower Upper
156 100
77 172.4 0.0 347.2
158 96.5 0.0 197.6

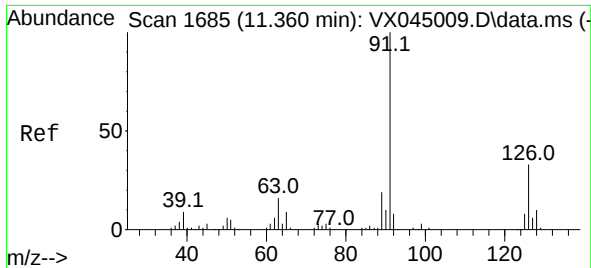


#74
n-propylbenzene
Concen: 20.751 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16



Tgt Ion: 91 Resp: 162228
Ion Ratio Lower Upper
91 100
120 21.8 0.0 44.2

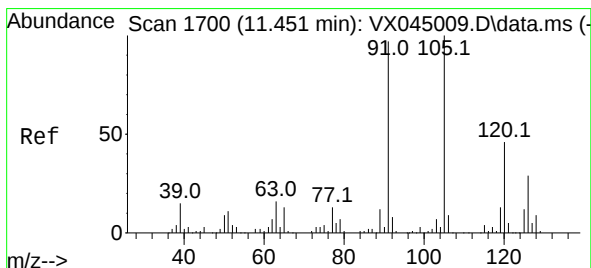
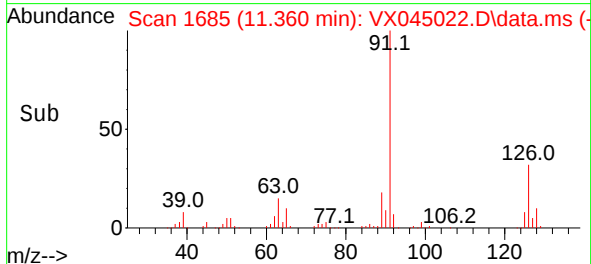
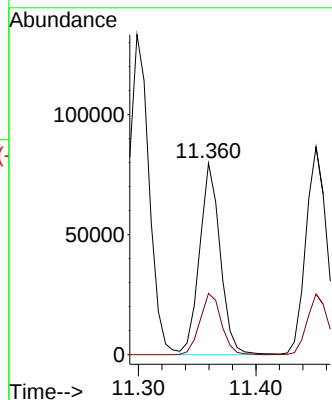
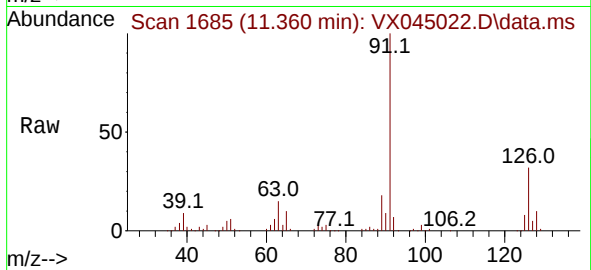




#75
2-Chlorotoluene
Concen: 20.679 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

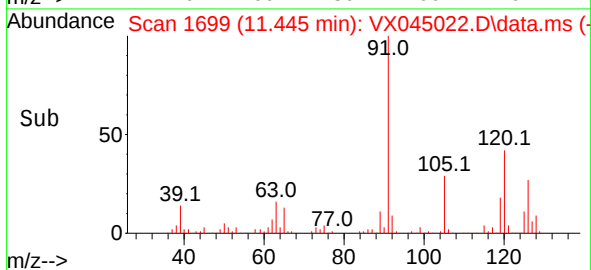
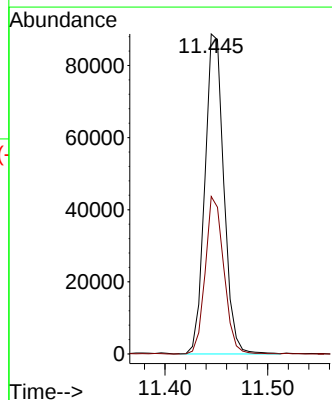
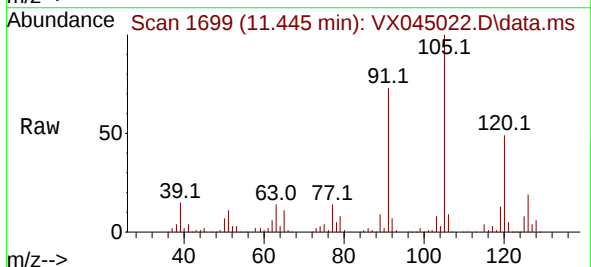
Instrument :
MSVOA_X
ClientSampleId :

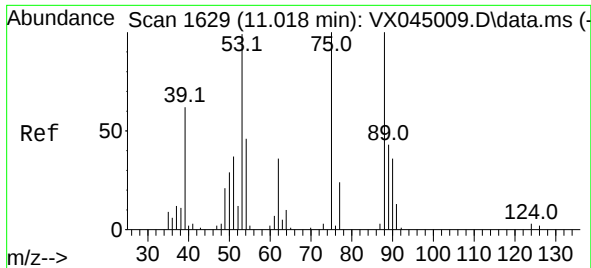
Tgt Ion: 91 Resp: 97738
Ion Ratio Lower Upper
91 100
126 33.0 0.0 65.4



#76
1,3,5-Trimethylbenzene
Concen: 20.998 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

Tgt Ion:105 Resp: 113802
Ion Ratio Lower Upper
105 100
120 48.2 0.0 94.4

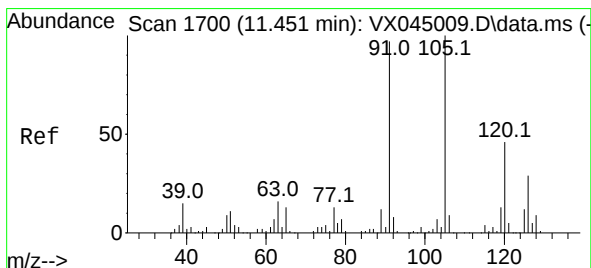
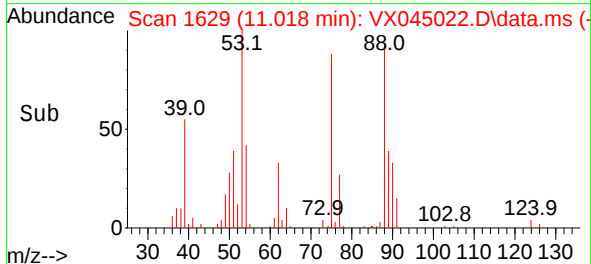
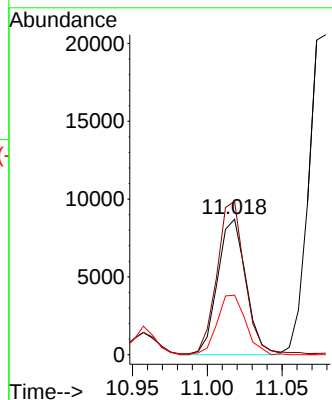
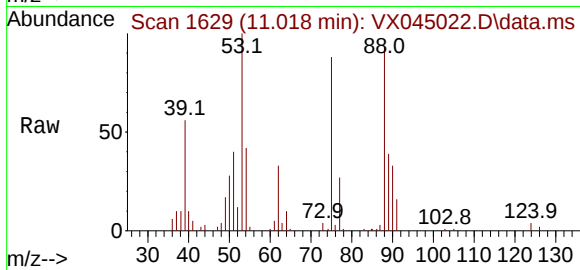




#77
t-1,4-Dichloro-2-butene
Concen: 19.277 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

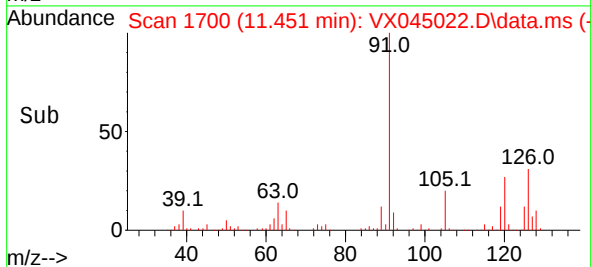
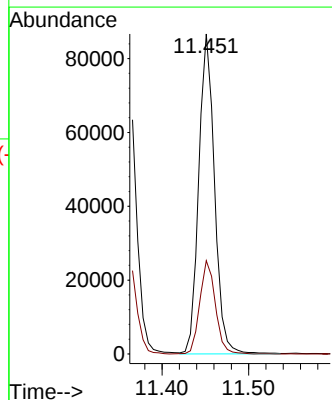
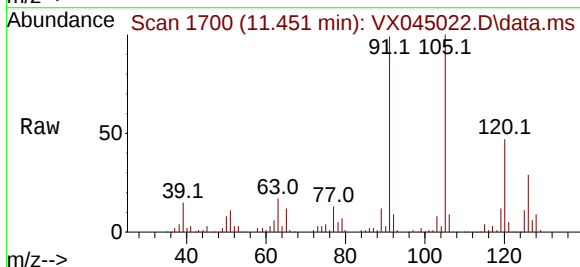
Instrument :
MSVOA_X
ClientSampleId :

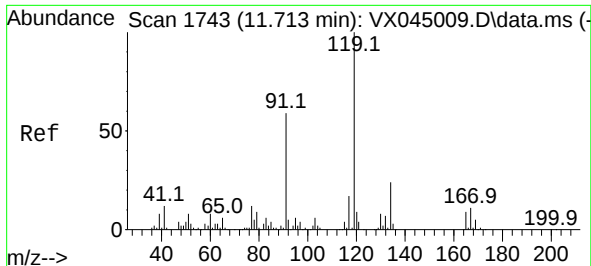
Tgt Ion: 75 Resp: 11524
Ion Ratio Lower Upper
75 100
53 113.8 49.8 149.4
89 43.6 21.4 64.2



#78
4-Chlorotoluene
Concen: 20.805 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

Tgt Ion: 91 Resp: 109615
Ion Ratio Lower Upper
91 100
126 28.8 0.0 58.0





#79

tert-butylbenzene

Concen: 21.198 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

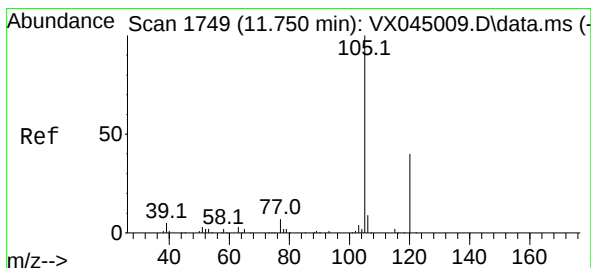
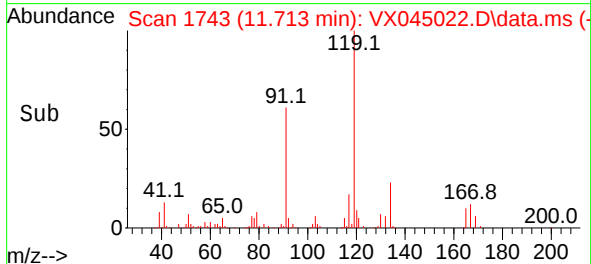
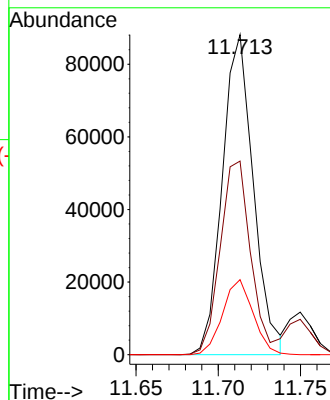
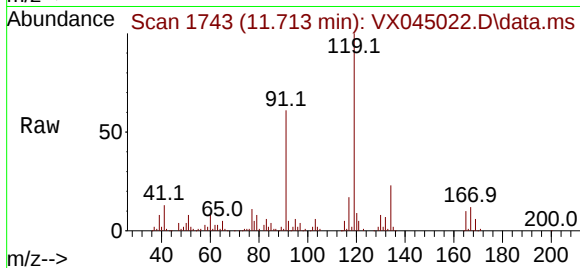
Tgt Ion:119 Resp: 115756

Ion Ratio Lower Upper

119 100

91 59.0 0.0 120.6

134 23.1 0.0 48.2



#80

1,2,4-Trimethylbenzene

Concen: 20.943 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX045022.D

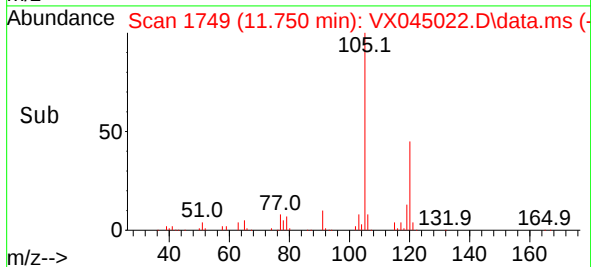
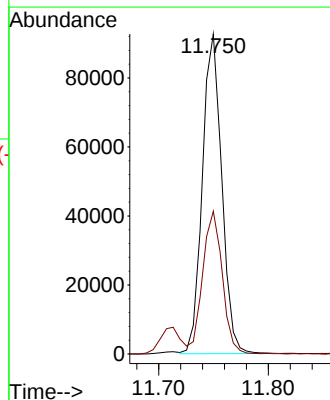
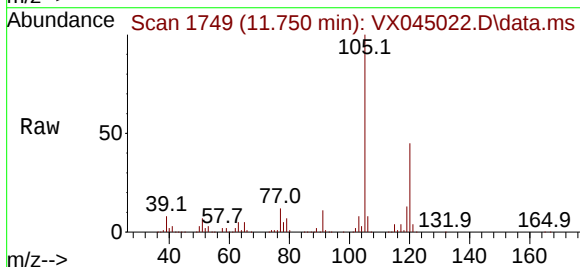
Acq: 24 Feb 2025 10:16

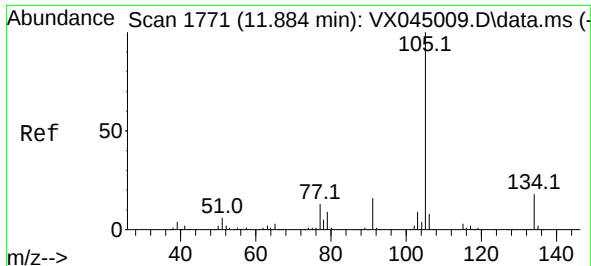
Tgt Ion:105 Resp: 113697

Ion Ratio Lower Upper

105 100

120 45.2 0.0 88.4

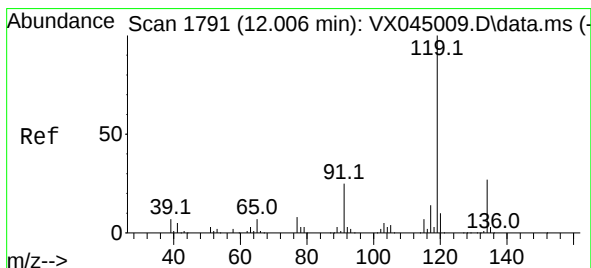
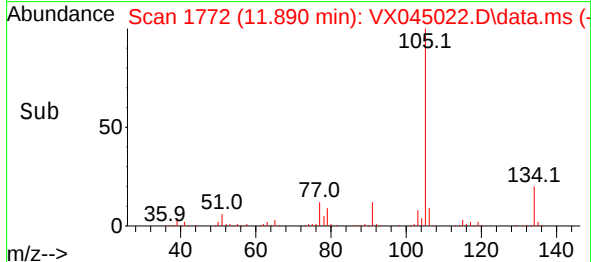
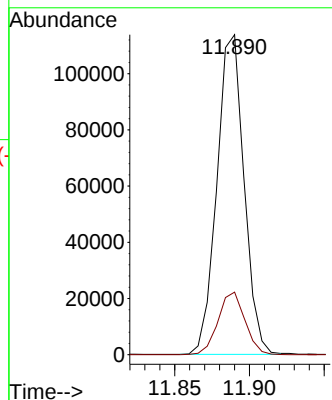
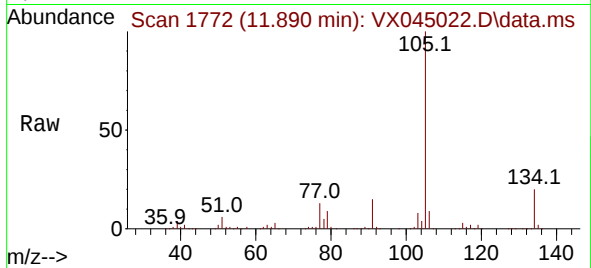




#81
 sec-Butylbenzene
 Concen: 20.954 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX045022.D
 Acq: 24 Feb 2025 10:16

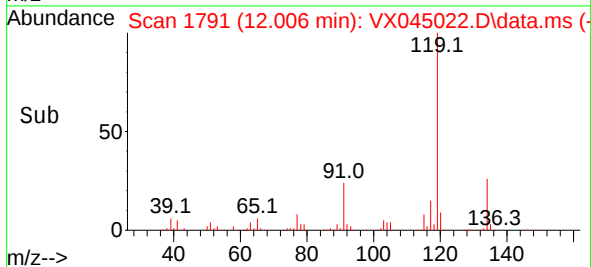
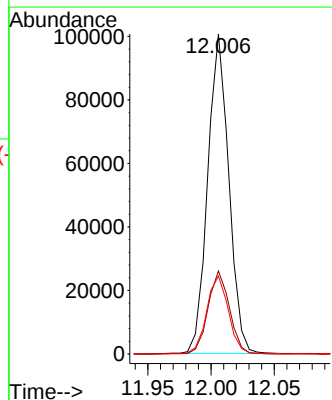
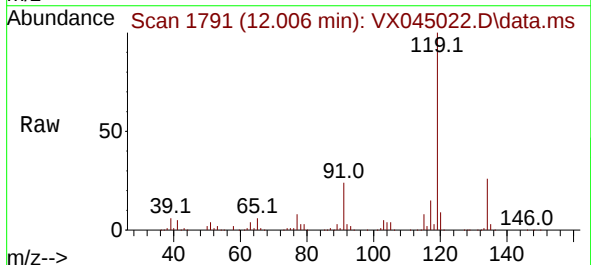
Instrument :
 MSVOA_X
 ClientSampleId :

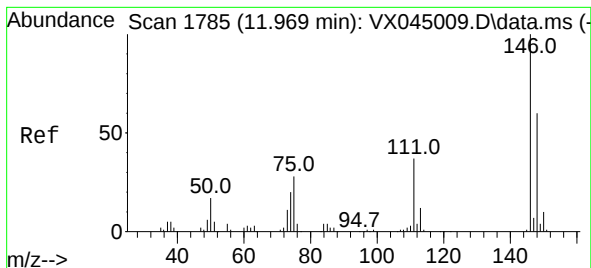
Tgt Ion:105 Resp: 143605
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 21.000 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045022.D
 Acq: 24 Feb 2025 10:16

Tgt Ion:119 Resp: 116616
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.6
 91 24.8 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 20.760 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

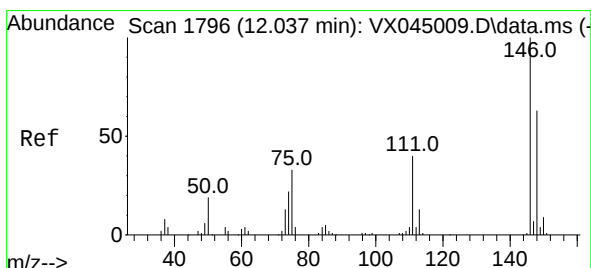
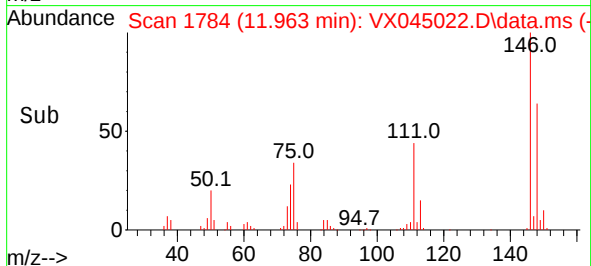
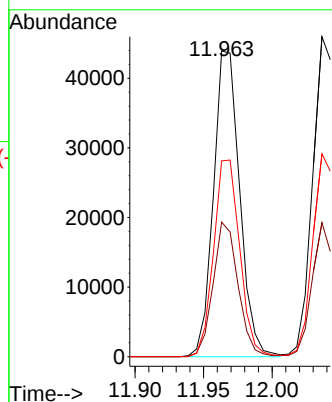
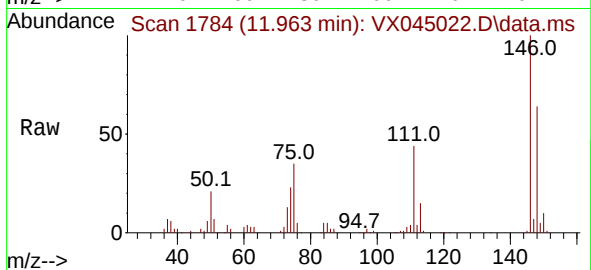
Tgt Ion:146 Resp: 58417

Ion Ratio Lower Upper

146 100

111 42.1 20.2 60.5

148 64.1 31.2 93.6



#84

1,4-Dichlorobenzene

Concen: 20.768 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

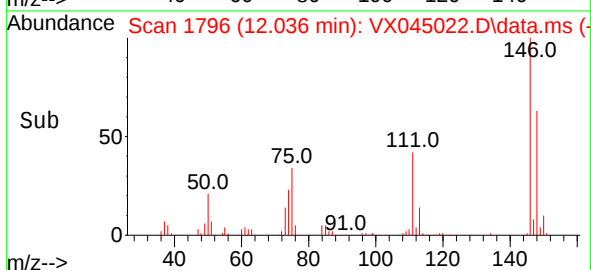
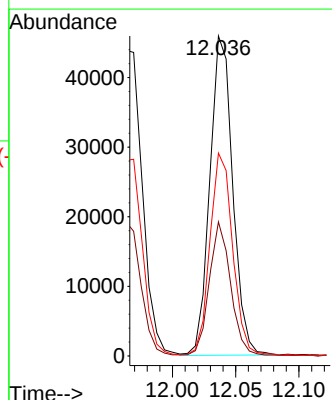
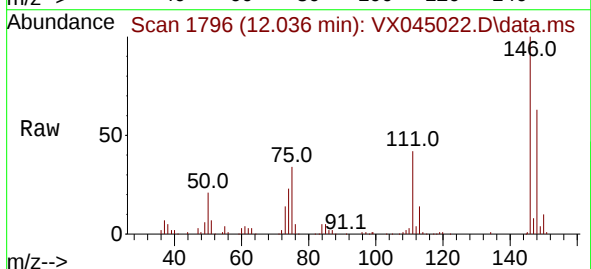
Tgt Ion:146 Resp: 57620

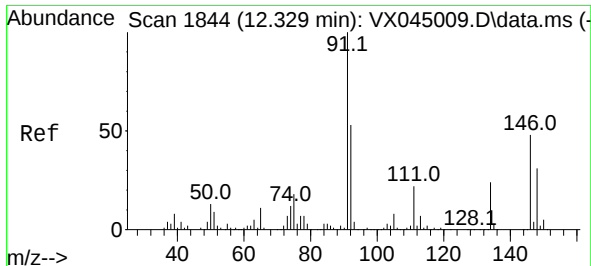
Ion Ratio Lower Upper

146 100

111 39.7 20.4 61.2

148 63.7 31.8 95.4





#85

n-Butylbenzene

Concen: 20.691 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :

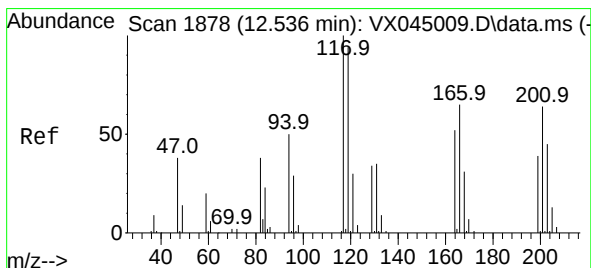
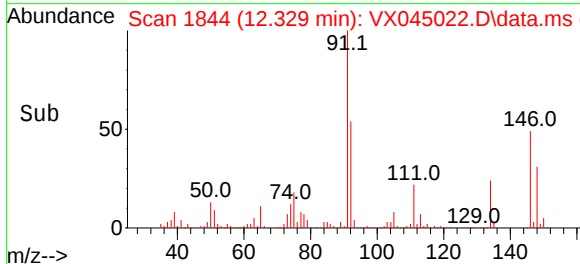
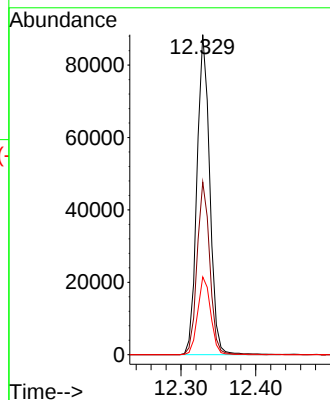
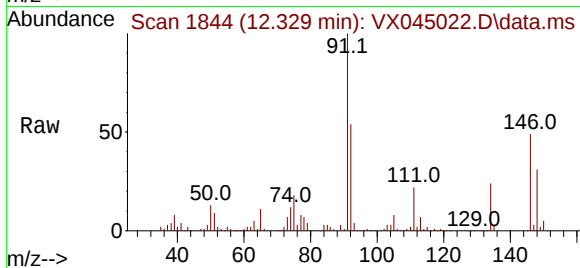
Tgt Ion: 91 Resp: 104924

Ion Ratio Lower Upper

91 100

92 53.2 0.0 105.2

134 24.7 0.0 49.4



#86

Hexachloroethane

Concen: 20.895 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045022.D

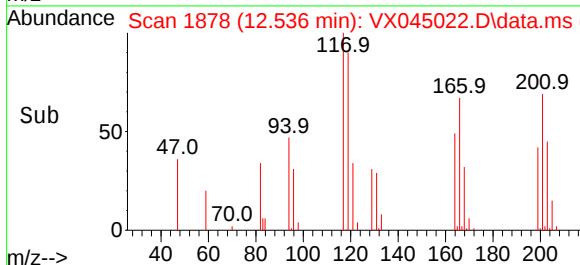
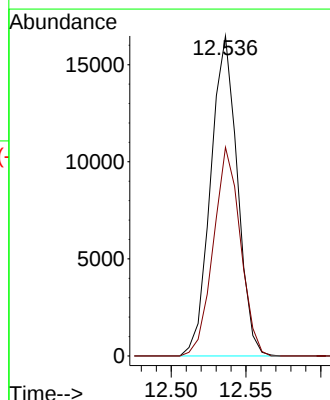
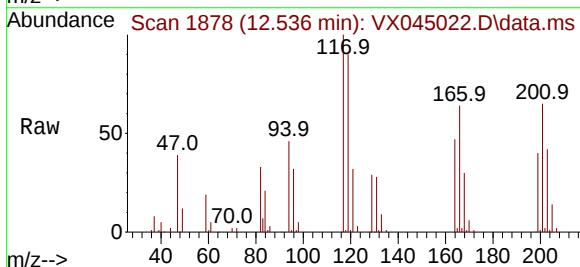
Acq: 24 Feb 2025 10:16

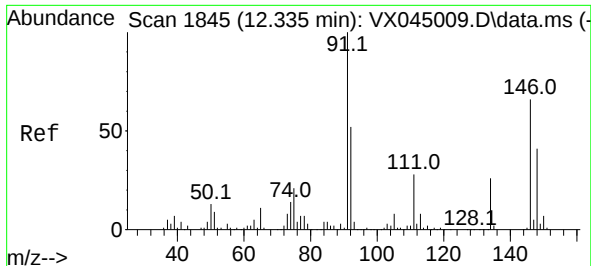
Tgt Ion: 117 Resp: 20463

Ion Ratio Lower Upper

117 100

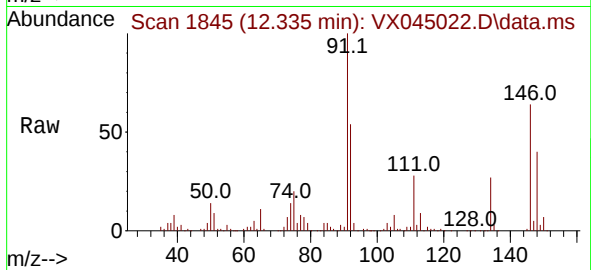
201 66.0 32.6 97.7



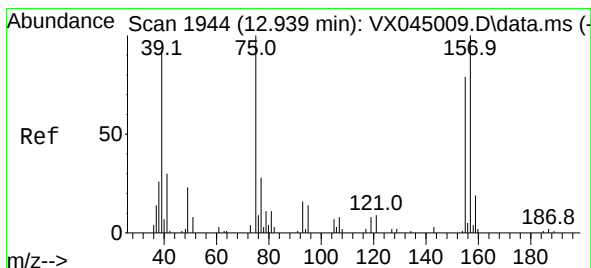
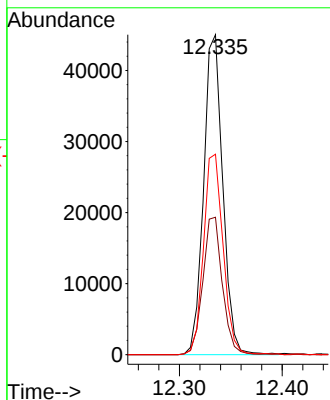
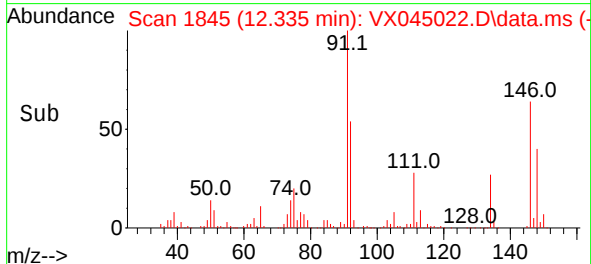


#87
1,2-Dichlorobenzene
Concen: 21.116 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :

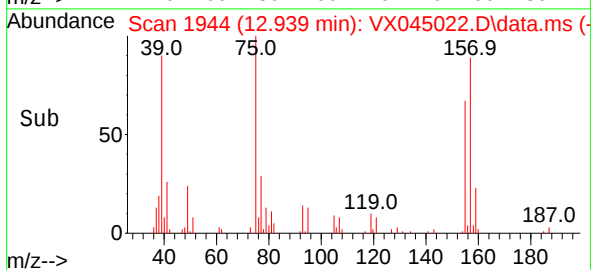
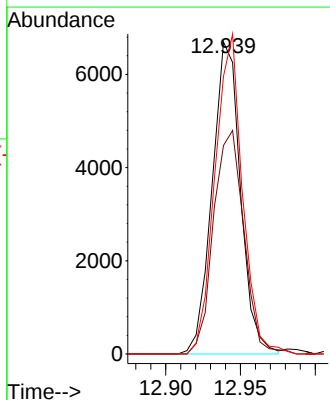
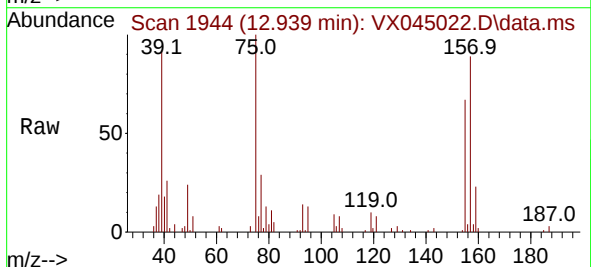


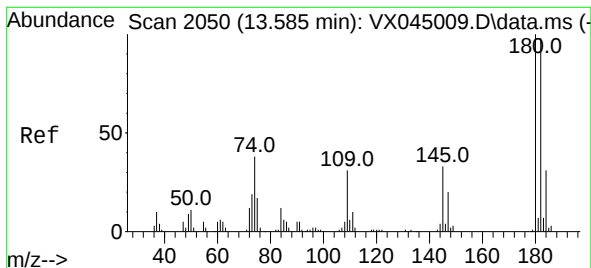
Tgt Ion:146 Resp: 58299
Ion Ratio Lower Upper
146 100
111 43.8 21.7 65.1
148 64.0 31.8 95.4



#88
1,2-Dibromo-3-Chloropropane
Concen: 21.051 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

Tgt Ion: 75 Resp: 8805
Ion Ratio Lower Upper
75 100
155 76.7 66.2 99.4
157 99.5 81.4 122.2





#89

1,2,4-Trichlorobenzene

Concen: 20.945 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

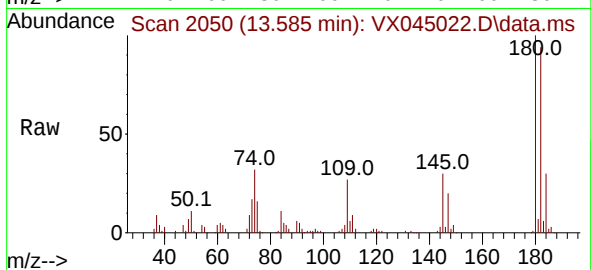
Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

Instrument :

MSVOA_X

ClientSampleId :



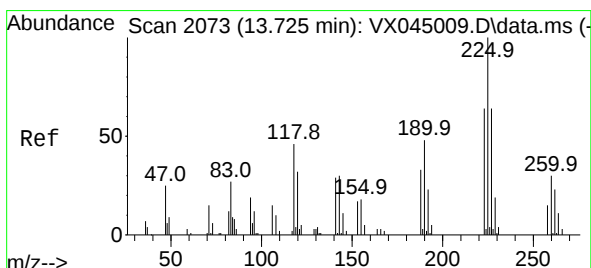
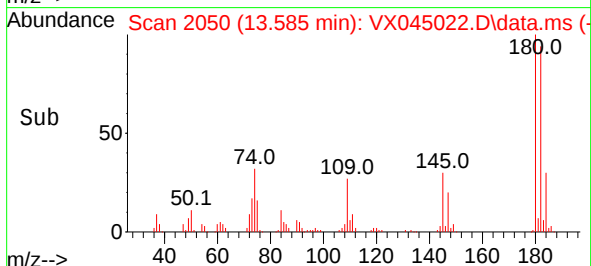
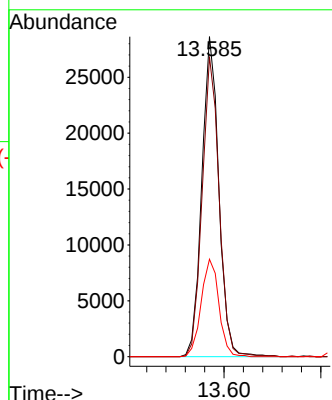
Tgt Ion:180 Resp: 35049

Ion Ratio Lower Upper

180 100

182 93.5 77.7 116.5

145 31.7 25.8 38.6



#90

Hexachlorobutadiene

Concen: 21.465 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX045022.D

Acq: 24 Feb 2025 10:16

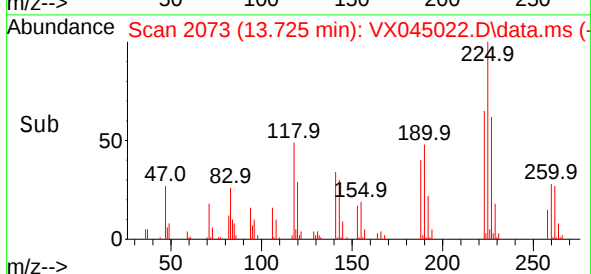
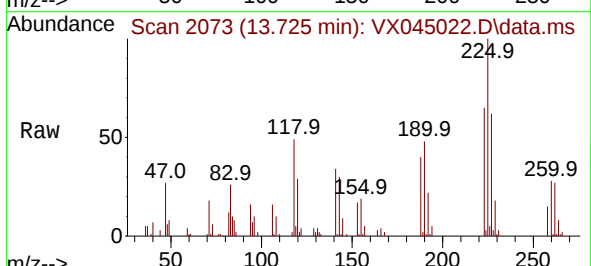
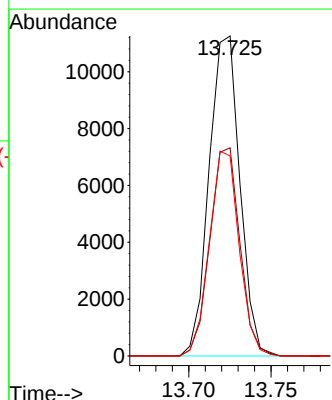
Tgt Ion:225 Resp: 14648

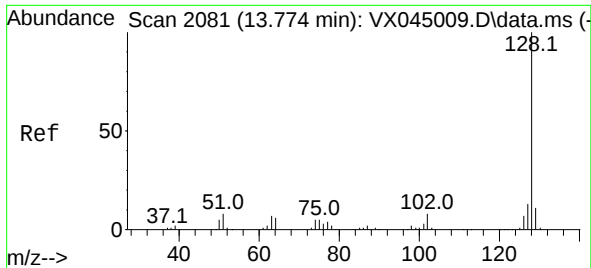
Ion Ratio Lower Upper

225 100

223 63.5 0.0 123.4

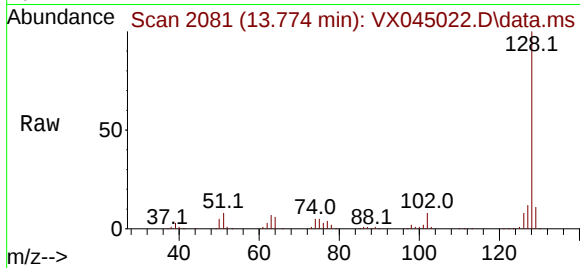
227 62.1 0.0 127.4



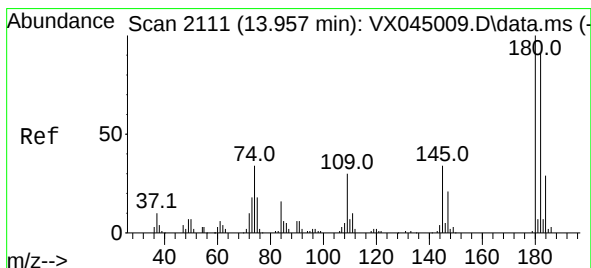
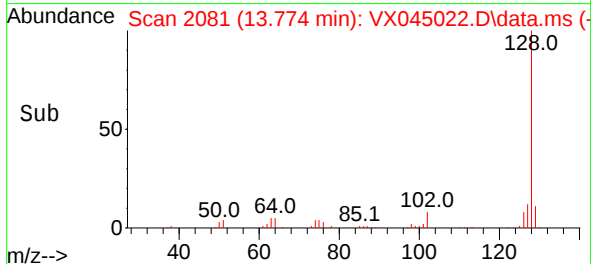
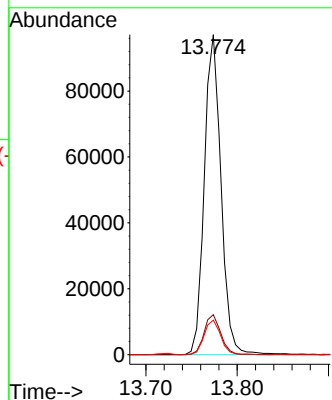


#91
Naphthalene
Concen: 20.836 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 122941
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 10.6 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 20.608 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045022.D
Acq: 24 Feb 2025 10:16

Tgt Ion:180 Resp: 35502
Ion Ratio Lower Upper
180 100
182 91.9 0.0 186.6
145 34.0 0.0 68.4

