

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022425\
 Data File : VX045027.D
 Acq On : 24 Feb 2025 16:40
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 25 00:31:34 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	4.885	128	19280	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	106629	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	98509	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	57294	30.596	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.000%
60) 4-Bromofluorobenzene	11.079	95	54742	29.731	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.100%
63) Toluene-d8	8.641	98	160575	29.465	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32233	19.832	ug/l	96
3) Chloromethane	1.307	50	36503	18.752	ug/l	98
4) Vinyl Chloride	1.367	62	35757	19.036	ug/l	96
5) Bromomethane	1.593	94	12520	19.148	ug/l	99
6) Chloroethane	1.672	64	18071	17.763	ug/l	94
7) Trichlorofluoromethane	1.880	101	50595	20.041	ug/l	96
8) Diethyl Ether	2.130	74	18062	18.909	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	29185	19.464	ug/l	99
10) 1,1-Dichloroethene	2.312	96	28139	19.213	ug/l	95
11) Methyl Iodide	2.447	142	28445	17.160	ug/l	97
12) Methyl Acetate	2.697	43	38473	22.621	ug/l	94
13) Acrolein	2.233	56	39339	115.397	ug/l	99
14) Acrylonitrile	3.056	53	90229	108.613	ug/l	98
15) Acetone	2.373	58	24164	106.058	ug/l	99
16) Carbon Disulfide	2.501	76	77398	18.631	ug/l	97
17) Allyl chloride	2.654	41	53504	19.532	ug/l	97
18) Methylene Chloride	2.782	84	32392	19.663	ug/l	98
19) trans-1,2-Dichloroethene	3.081	96	28210	19.038	ug/l	90
20) Diisopropyl ether	3.751	45	99738	18.947	ug/l	96
21) 1,1-Dichloroethane	3.605	63	56976	19.462	ug/l	99
22) cis-1,2-Dichloroethene	4.477	96	33530	18.883	ug/l	98
23) tert-Butyl Alcohol	2.959	59	32641	112.549	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	91670	19.177	ug/l	99
25) Chloroform	5.080	83	55001	19.450	ug/l	100
26) Cyclohexane	5.458	56	51210	18.951	ug/l #	96
29) 1,1-Dichloropropene	5.684	75	37533	19.135	ug/l	99
30) 2-Butanone	4.550	43	125650	110.907	ug/l	99
31) 2,2-Dichloropropane	4.465	77	41385	18.659	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	46455	19.547	ug/l	99
33) Carbon Tetrachloride	5.665	117	39288	19.588	ug/l	96
34) Benzene	6.031	78	121003	19.672	ug/l	98
35) Methacrylonitrile	4.910	41	26253	21.655	ug/l	96
36) 1,2-Dichloroethane	6.080	62	40831	19.389	ug/l	97
37) Trichloroethene	7.116	130	28090	19.520	ug/l	100
38) Methylcyclohexane	7.373	83	50279	19.091	ug/l	96
39) 1,2-Dichloropropane	7.421	63	29223	19.109	ug/l	98
40) Dibromomethane	7.574	93	21313	19.422	ug/l	98
41) Bromodichloromethane	7.811	83	41952	19.235	ug/l	98
42) Vinyl Acetate	3.715	43	429727	97.746	ug/l	99

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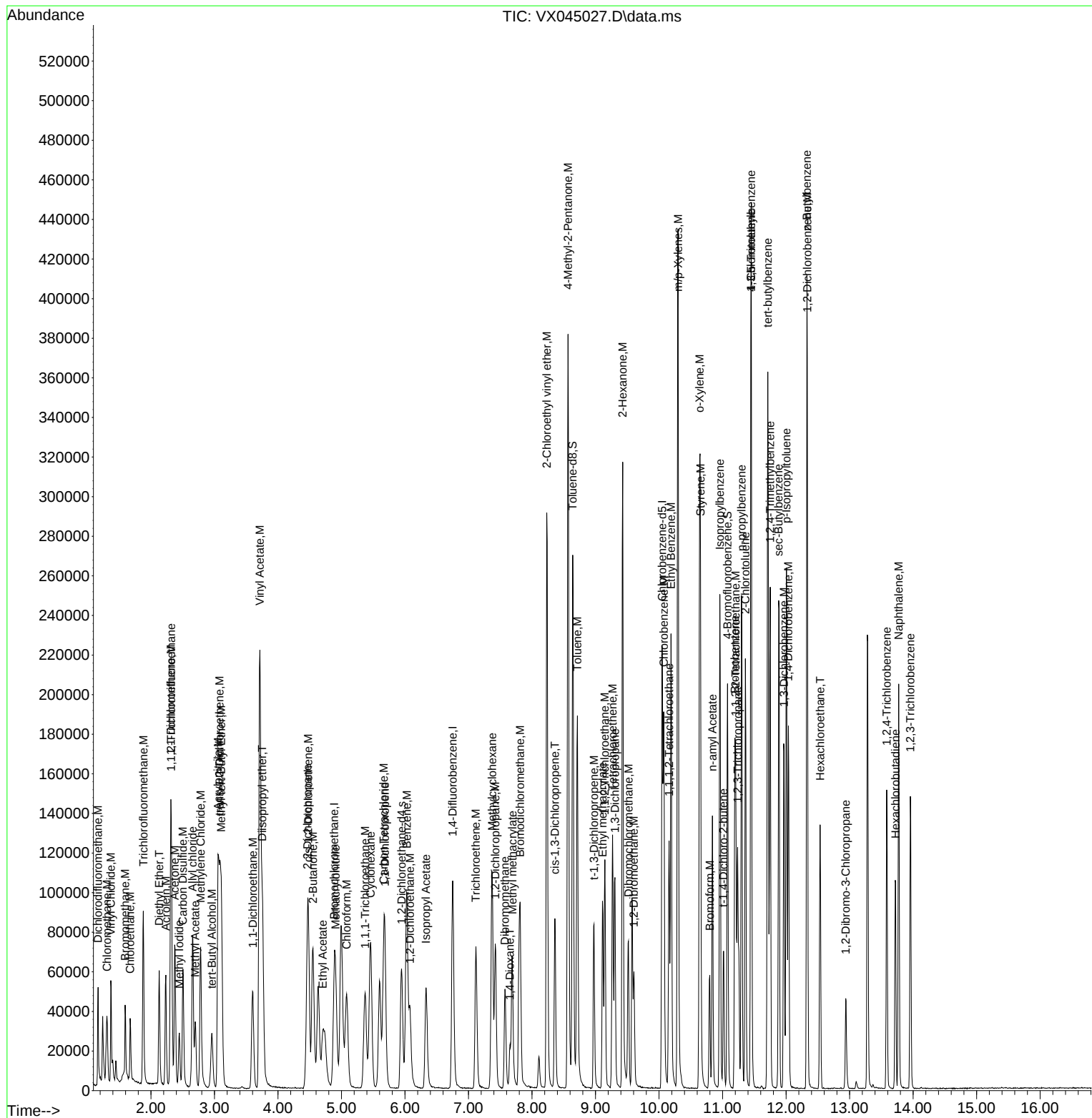
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	42973	20.226	ug/l	100
44) Isopropyl Acetate	6.330	43	72161	20.636	ug/l	99
45) 1,4-Dioxane	7.653	88	16946	466.175	ug/l	97
46) Methyl methacrylate	7.690	41	34607	20.183	ug/l	98
47) n-amyl Acetate	10.841	43	60687	20.000	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	39533	18.805	ug/l	94
49) cis-1,3-Dichloropropene	8.360	75	45403	19.078	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	29192	20.394	ug/l	98
51) Ethyl methacrylate	9.110	69	43024	19.111	ug/l	95
52) 1,3-Dichloropropane	9.305	76	49487	19.731	ug/l	99
53) Dibromochloromethane	9.518	129	31709	20.030	ug/l	97
54) 1,2-Dibromoethane	9.604	107	29634	20.388	ug/l	98
55) 2-Chloroethyl vinyl ether	8.232	63	115825	100.190	ug/l	99
56) Bromoform	10.799	173	20213	20.375	ug/l	97
58) 4-Methyl-2-Pentanone	8.567	43	244145	108.951	ug/l	100
59) 2-Hexanone	9.427	43	177738	109.733	ug/l	100
61) Tetrachloroethene	9.269	164	23696	19.534	ug/l	98
62) Toluene	8.714	91	126429	19.374	ug/l	98
64) Chlorobenzene	10.073	112	78672	19.455	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.159	131	25087	18.802	ug/l	96
66) Ethyl Benzene	10.189	91	134118	18.773	ug/l	98
67) m/p-Xylenes	10.299	106	102573	38.535	ug/l	99
68) o-Xylene	10.640	106	50850	19.470	ug/l	99
69) Styrene	10.652	104	84269	19.319	ug/l	99
70) Isopropylbenzene	10.957	105	130285	19.331	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	45578	20.565	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	47098	25.837	ug/l	86
73) Bromobenzene	11.195	156	30597	19.720	ug/l	98
74) n-propylbenzene	11.299	91	155539	19.393	ug/l	98
75) 2-Chlorotoluene	11.360	91	95197	19.633	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	109806	19.749	ug/l	99
77) t-1,4-Dichloro-2-butene	11.012	75	11485	18.727	ug/l	96
78) 4-Chlorotoluene	11.451	91	105157	19.455	ug/l	98
79) tert-butylbenzene	11.713	119	111133	19.837	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	108297	19.444	ug/l	98
81) sec-Butylbenzene	11.884	105	139903	19.898	ug/l	100
82) p-Isopropyltoluene	12.006	119	113477	19.919	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	56124	19.442	ug/l	98
84) 1,4-Dichlorobenzene	12.036	146	56601	19.886	ug/l	100
85) n-Butylbenzene	12.329	91	99008	19.032	ug/l	98
86) Hexachloroethane	12.536	117	19557	19.465	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	57047	20.140	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	8585	20.007	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	32535	18.952	ug/l	98
90) Hexachlorobutadiene	13.725	225	13451	19.213	ug/l	94
91) Naphthalene	13.774	128	118821	19.629	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	32951	18.644	ug/l	98

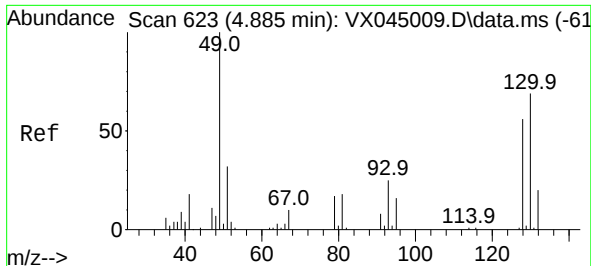
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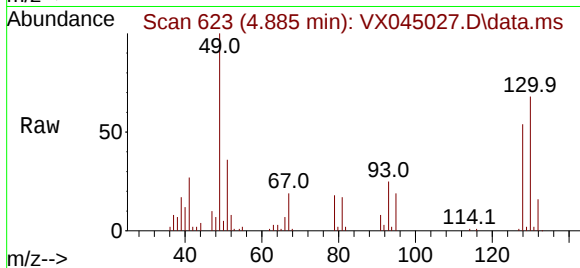
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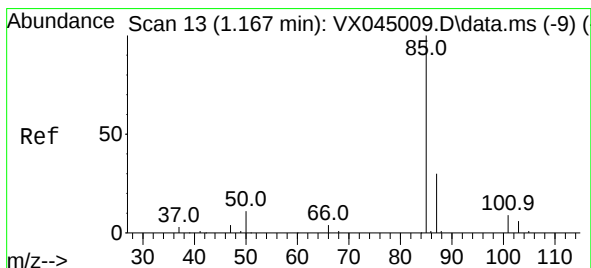
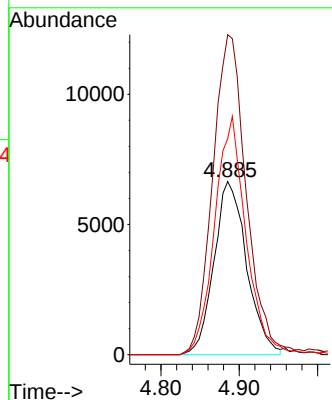
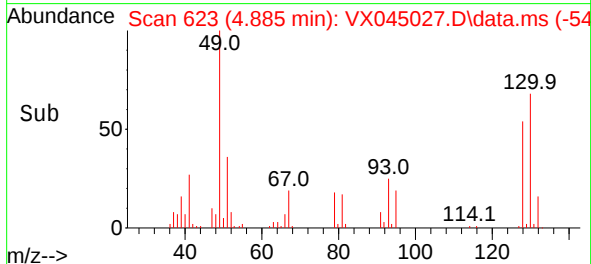


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.885 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045027.D
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ClientSampleId :

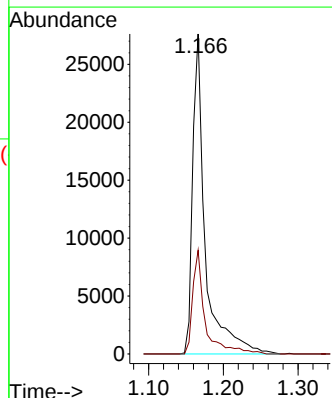
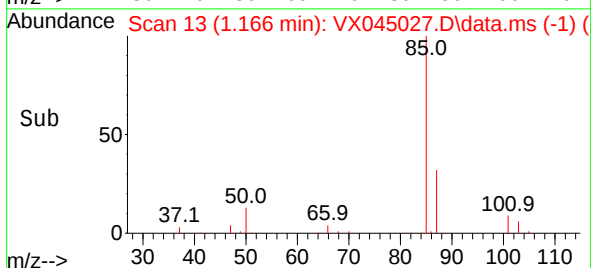
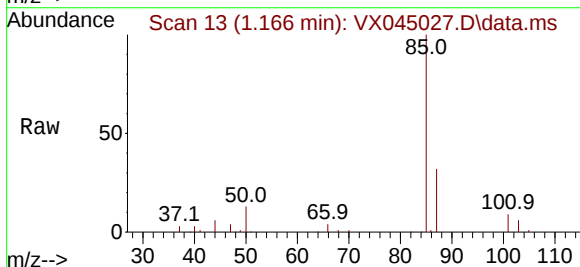


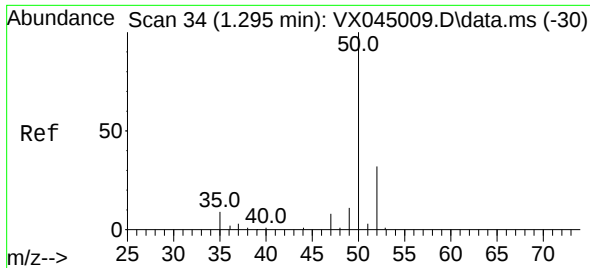
Tgt Ion:128 Resp: 19280
Ion Ratio Lower Upper
128 100
49 190.5 0.0 449.7
130 132.1 0.0 312.7



#2
Dichlorodifluoromethane
Concen: 19.832 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

Tgt Ion: 85 Resp: 32233
Ion Ratio Lower Upper
85 100
87 32.4 15.1 45.3

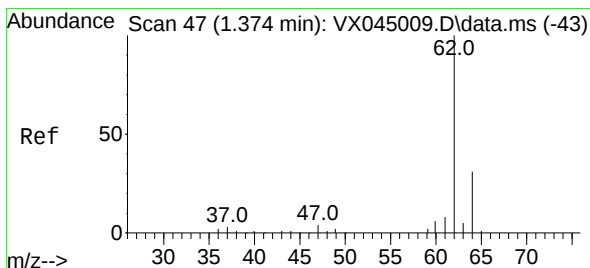
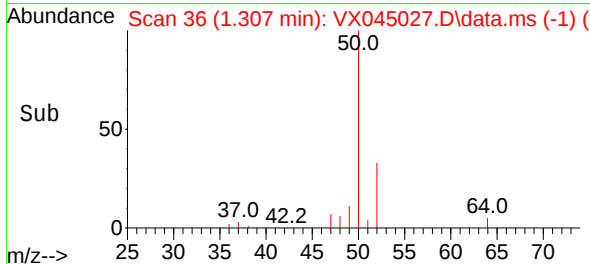
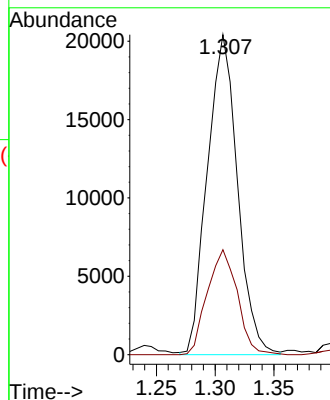
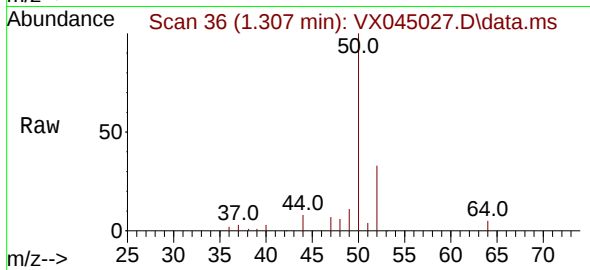




#3
Chloromethane
Concen: 18.752 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.012 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

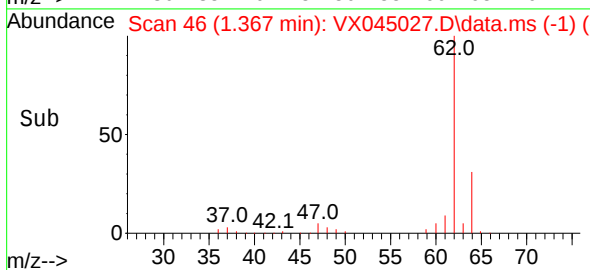
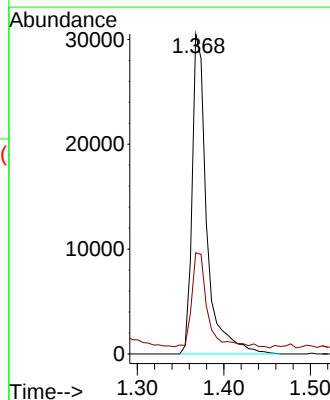
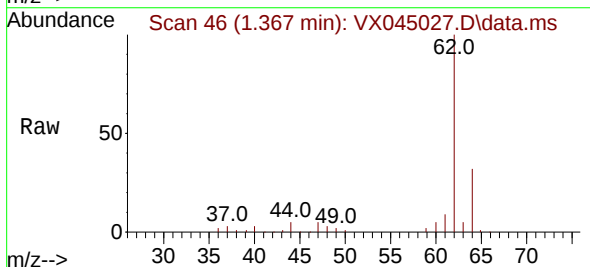
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MSVOA_X
ClientSampleId :

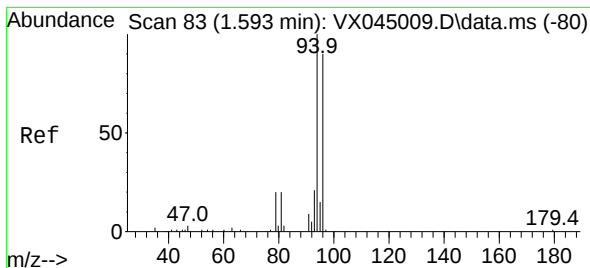
Tgt Ion: 50 Resp: 36503
Ion Ratio Lower Upper
50 100
52 33.0 25.7 38.5



#4
Vinyl Chloride
Concen: 19.036 ug/l
RT: 1.367 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

Tgt Ion: 62 Resp: 35757
Ion Ratio Lower Upper
62 100
64 29.3 25.1 37.7





#5

Bromomethane

Concen: 19.148 ug/l

RT: 1.593 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

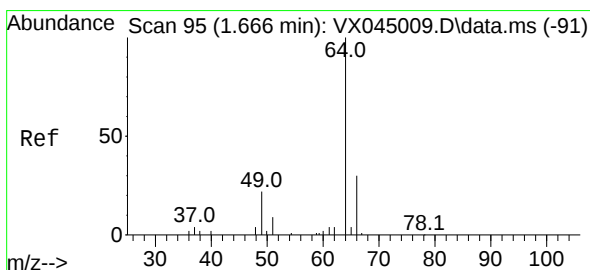
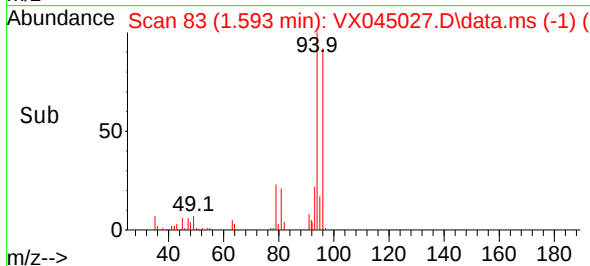
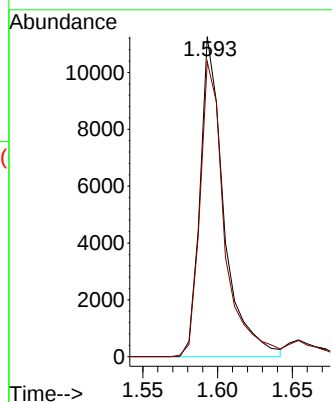
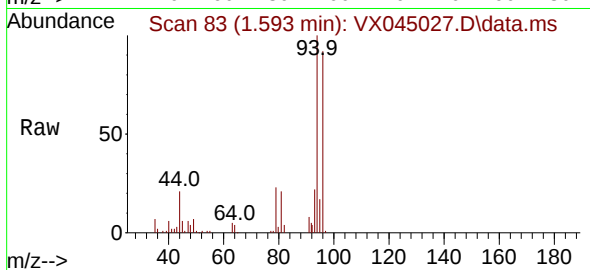
ClientSampleId :

Tgt Ion: 94 Resp: 12520

Ion Ratio Lower Upper

94 100

96 91.7 72.2 108.4



#6

Chloroethane

Concen: 17.763 ug/l

RT: 1.672 min Scan# 96

Delta R.T. 0.006 min

Lab File: VX045027.D

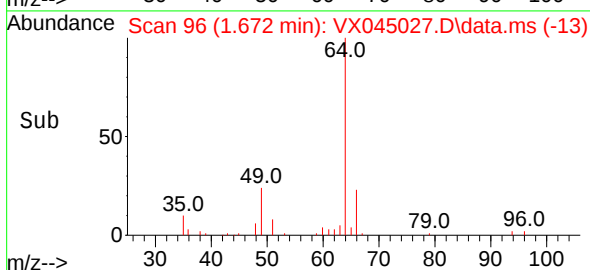
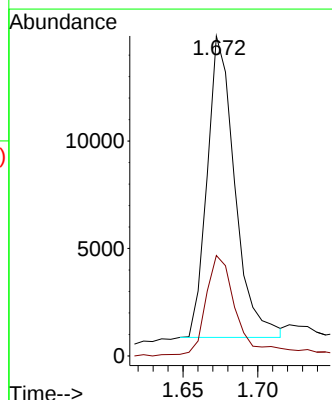
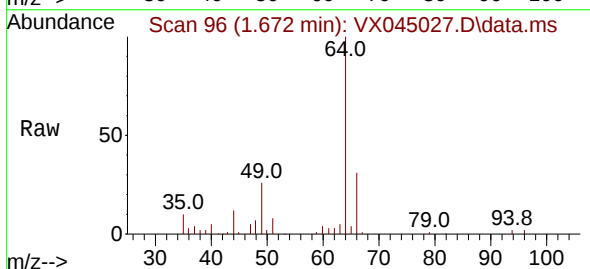
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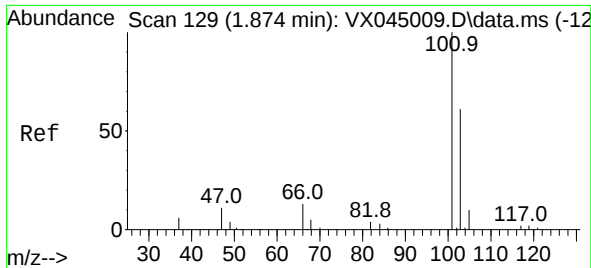
Tgt Ion: 64 Resp: 18071

Ion Ratio Lower Upper

64 100

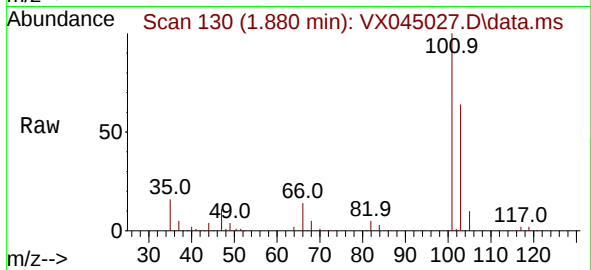
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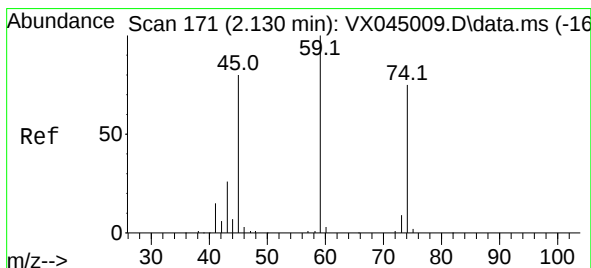
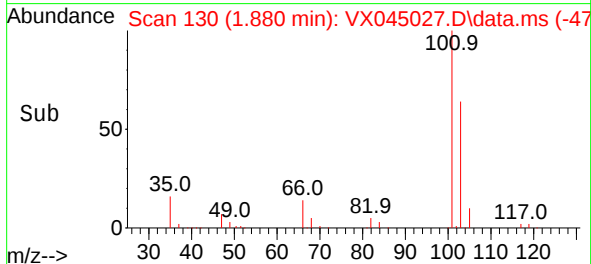
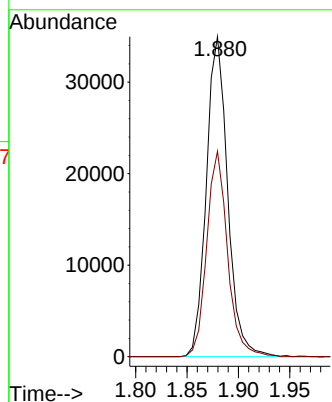


#7
 Trichlorofluoromethane
 Concen: 20.041 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045027.D
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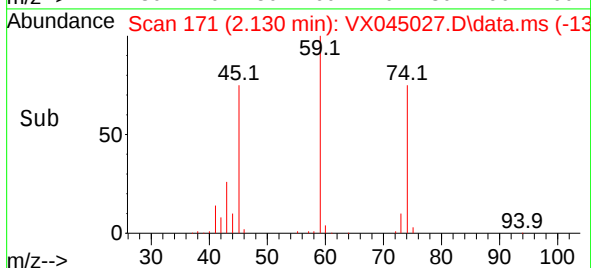
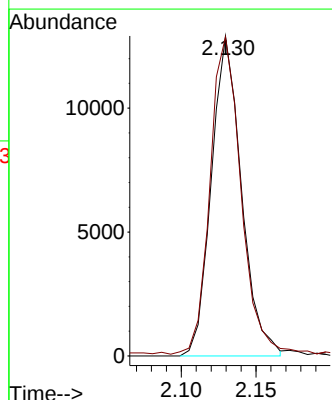
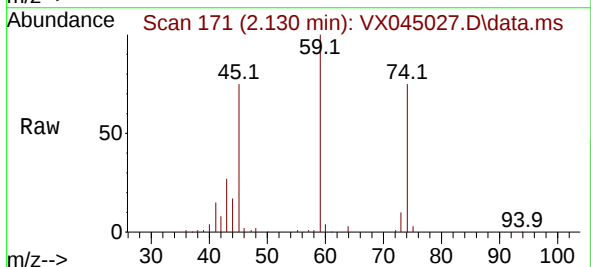


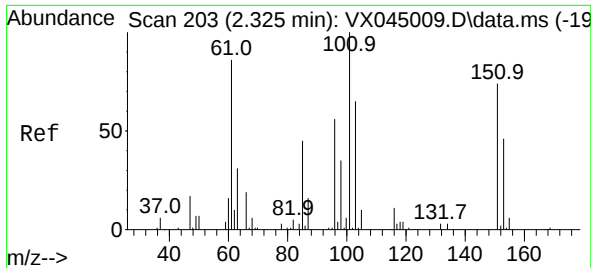
Tgt Ion:101 Resp: 50595
 Ion Ratio Lower Upper
 101 100
 103 64.2 48.8 73.2



#8
 Diethyl Ether
 Concen: 18.909 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX045027.D
 Acq: 24 Feb 2025 16:40

Tgt Ion: 74 Resp: 18062
 Ion Ratio Lower Upper
 74 100
 45 104.1 20.8 186.8

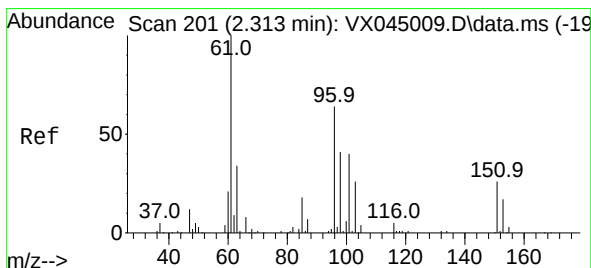
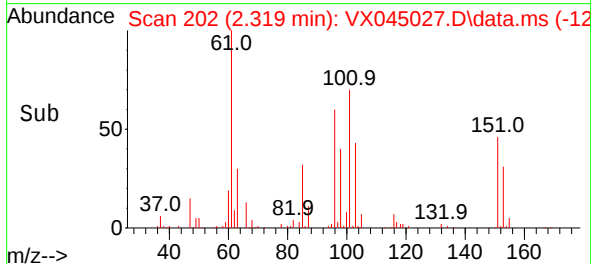
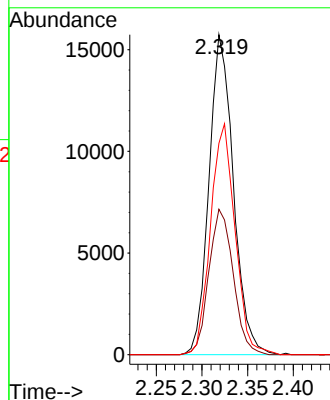
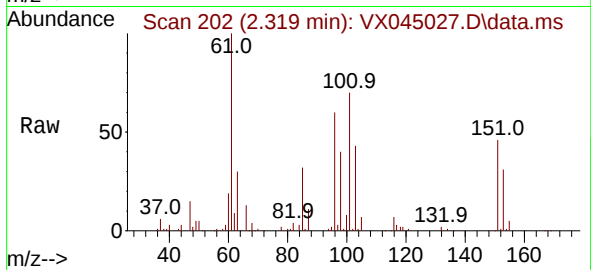




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.464 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.006 min
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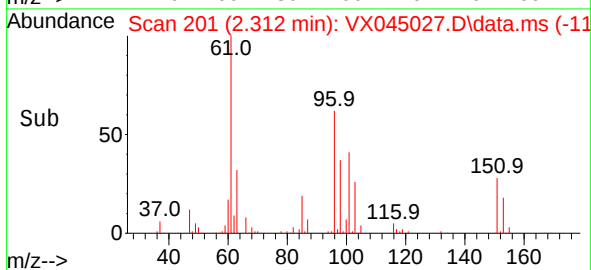
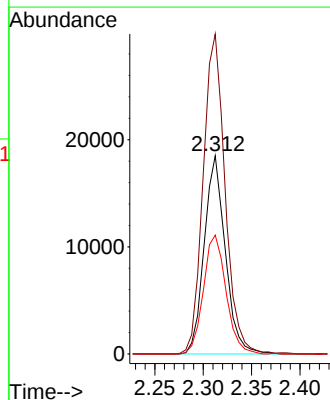
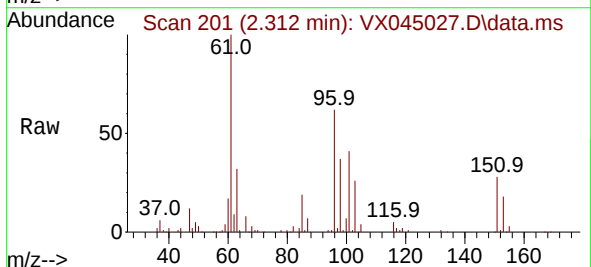
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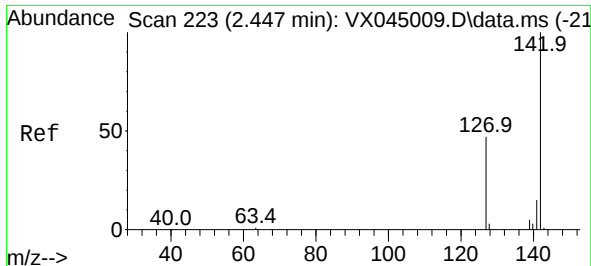
Tgt Ion:101 Resp: 29185
Ion Ratio Lower Upper
101 100
85 45.5 0.0 90.6
151 72.7 0.0 147.6



#10
1,1-Dichloroethene
Concen: 19.213 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

Tgt Ion: 96 Resp: 28139
Ion Ratio Lower Upper
96 100
61 161.0 124.2 186.2
98 59.9 51.1 76.7





#11

Methyl Iodide

Concen: 17.160 ug/l

RT: 2.447 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045027.D

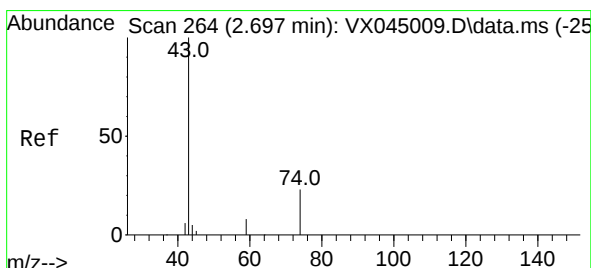
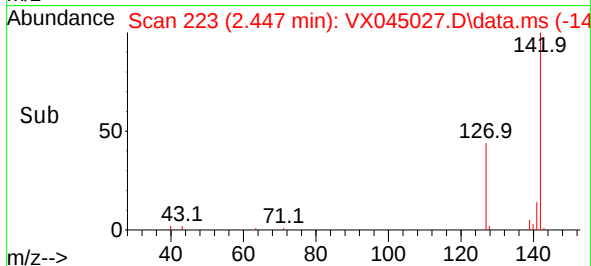
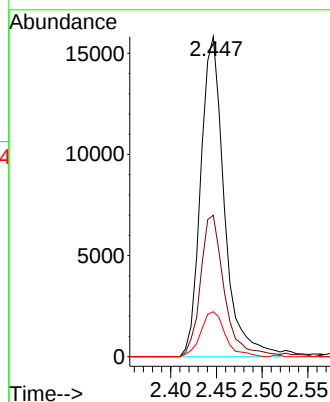
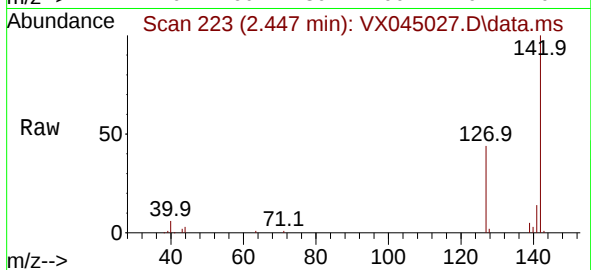
Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	142	Resp:	28445
Ion	Ratio	Lower	Upper
142	100		
127	44.2	23.3	69.9
141	14.0	7.5	22.6



#12

Methyl Acetate

Concen: 22.621 ug/l

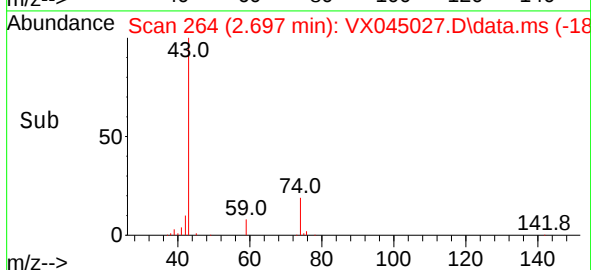
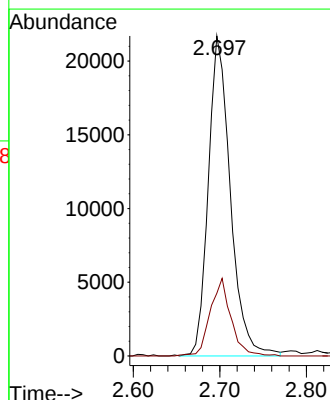
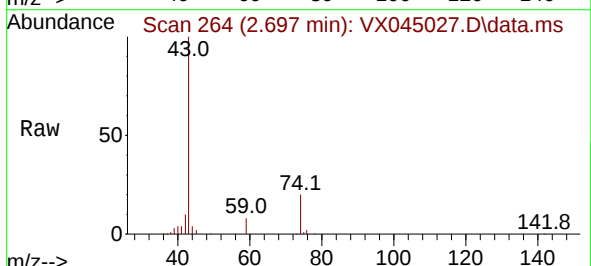
RT: 2.697 min Scan# 264

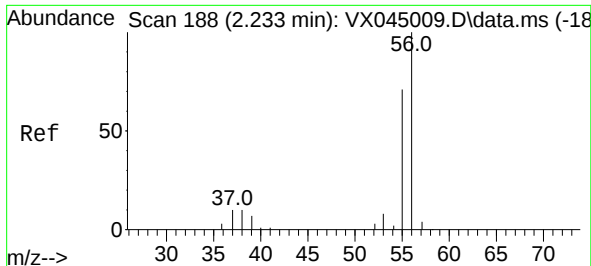
Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

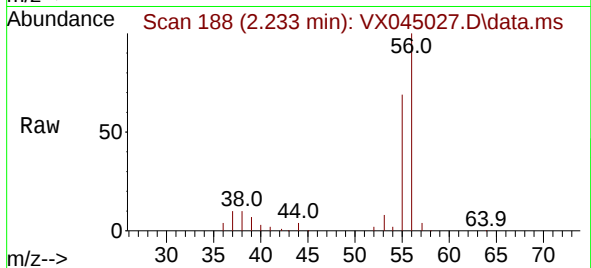
Tgt Ion:	43	Resp:	38473
Ion	Ratio	Lower	Upper
43	100		
74	19.6	17.9	26.9



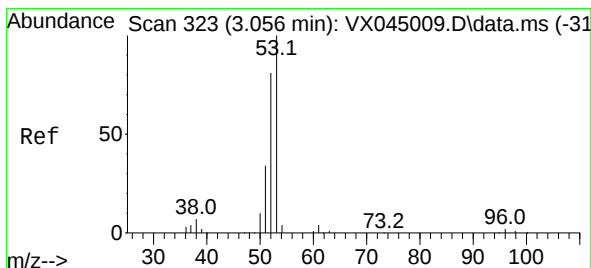
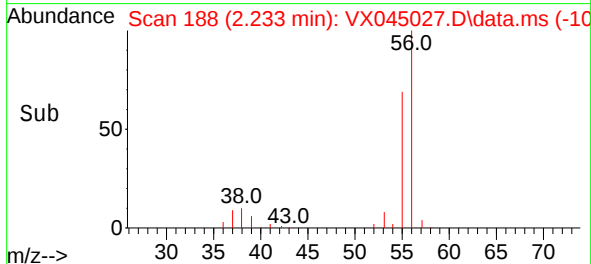
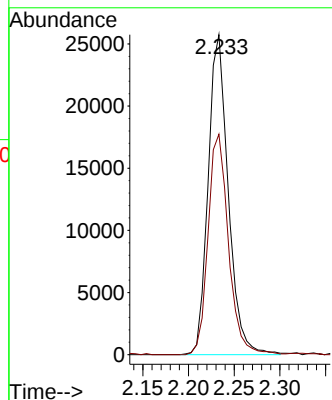


#13
Acrolein
Concen: 115.397 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

Instrument :
MSVOA_X
ClientSampleId :

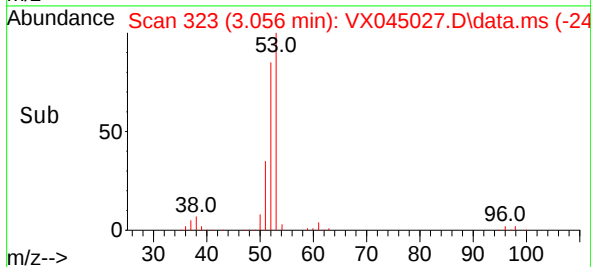
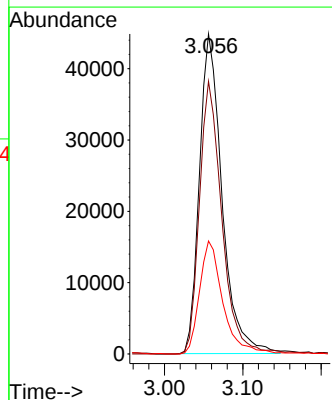
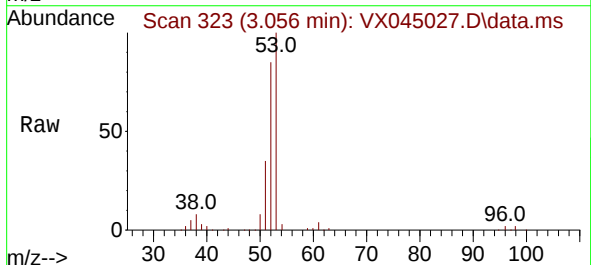


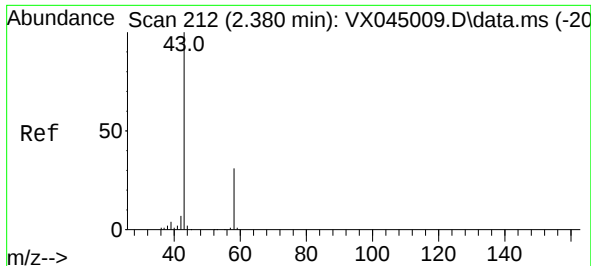
Tgt Ion: 56 Resp: 39339
Ion Ratio Lower Upper
56 100
55 69.9 55.4 83.2



#14
Acrylonitrile
Concen: 108.613 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.000 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

Tgt Ion: 53 Resp: 90229
Ion Ratio Lower Upper
53 100
52 83.6 40.9 122.8
51 36.4 18.0 54.0





#15

Acetone

Concen: 106.058 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

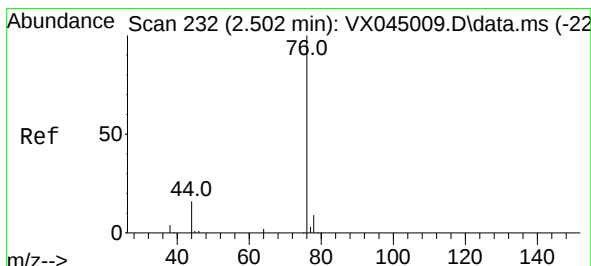
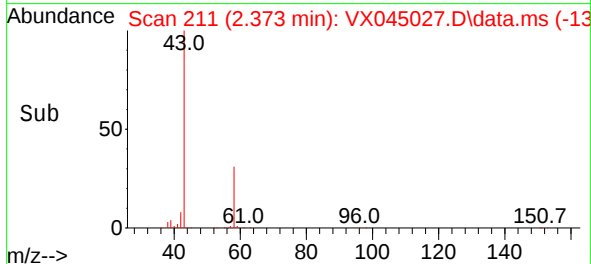
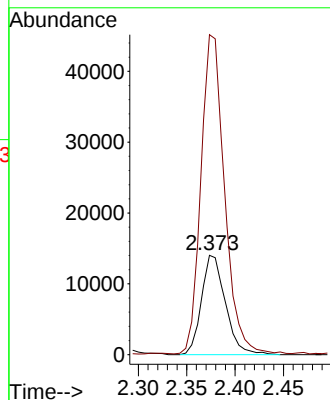
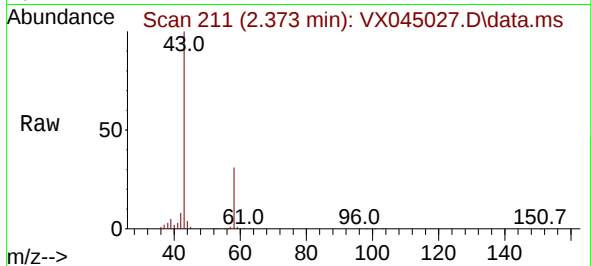
ClientSampleId :

Tgt Ion: 58 Resp: 24164

Ion Ratio Lower Upper

58 100

43 320.4 258.6 388.0



#16

Carbon Disulfide

Concen: 18.631 ug/l

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX045027.D

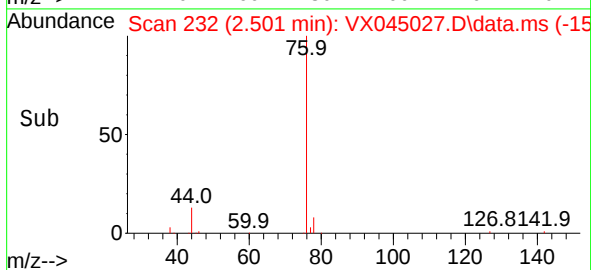
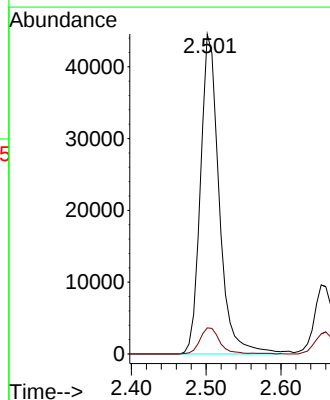
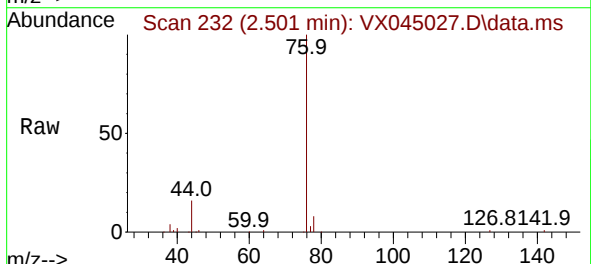
Acq: 24 Feb 2025 16:40

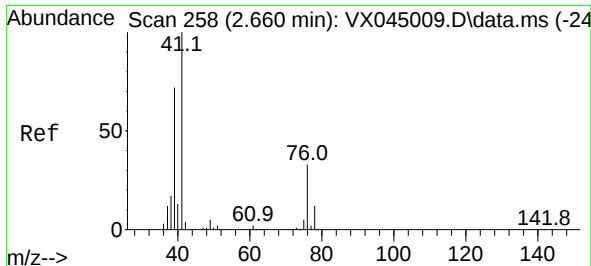
Tgt Ion: 76 Resp: 77398

Ion Ratio Lower Upper

76 100

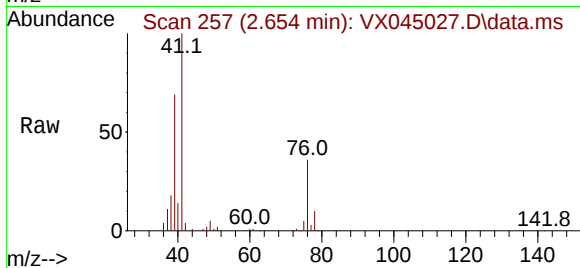
78 8.2 7.3 10.9



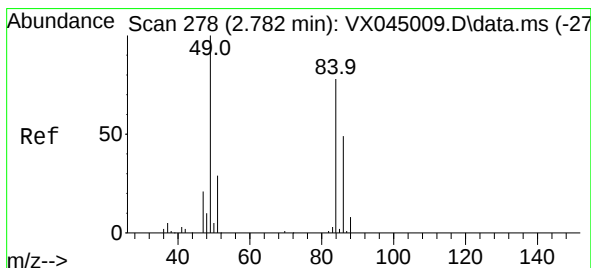
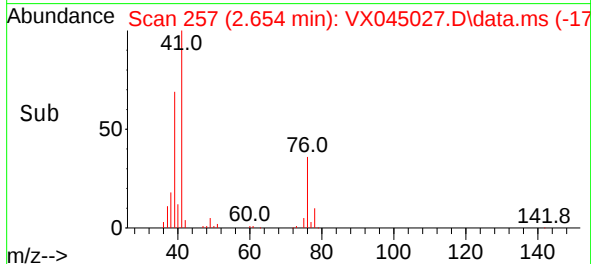
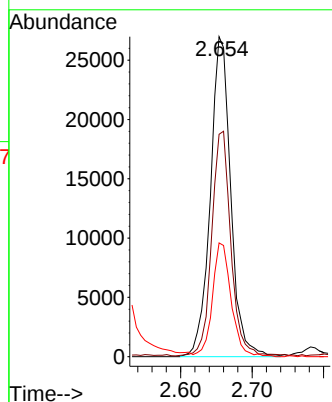


#17
 Allyl chloride
 Concen: 19.532 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.006 min
 Lab File: VX045027.D
 Acq: 24 Feb 2025 16:40

Instrument :
 MSVOA_X
 ClientSampleId :

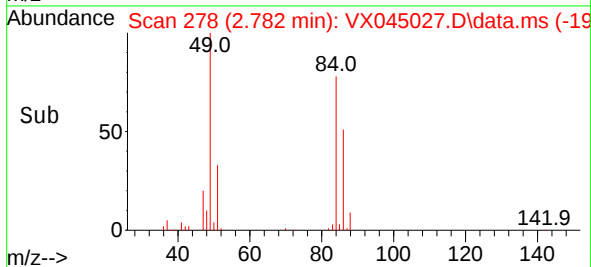
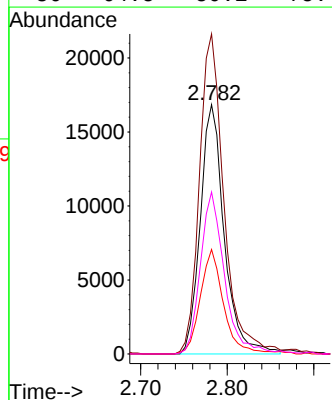
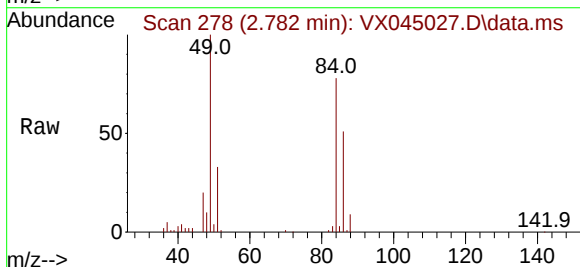


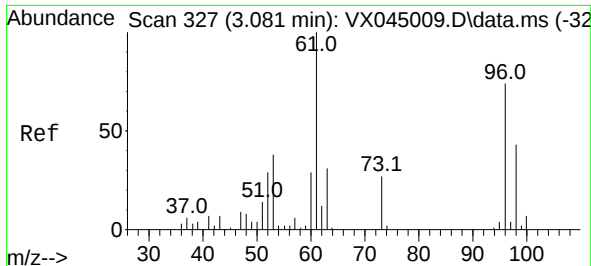
Tgt Ion: 41 Resp: 53504
 Ion Ratio Lower Upper
 41 100
 39 69.1 36.2 108.6
 76 35.6 17.2 51.5



#18
 Methylene Chloride
 Concen: 19.663 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX045027.D
 Acq: 24 Feb 2025 16:40

Tgt Ion: 84 Resp: 32392
 Ion Ratio Lower Upper
 84 100
 49 127.4 102.8 154.2
 51 41.2 30.1 45.1
 86 64.5 50.2 75.4





#19

trans-1,2-Dichloroethene

Concen: 19.038 ug/l

RT: 3.081 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

ClientSampleId :

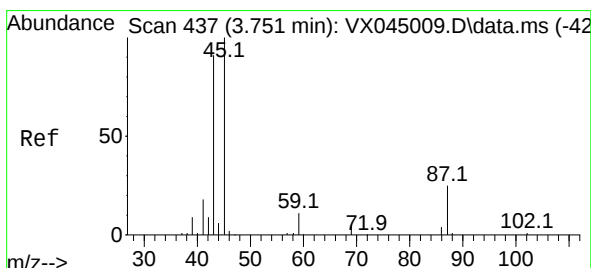
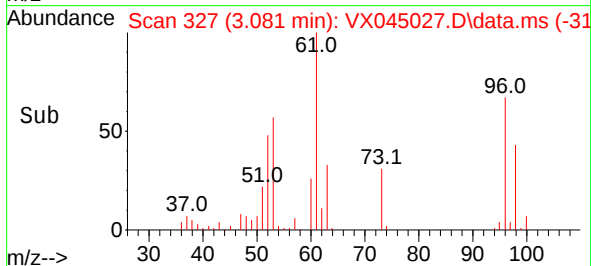
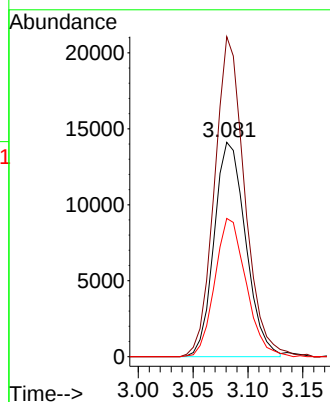
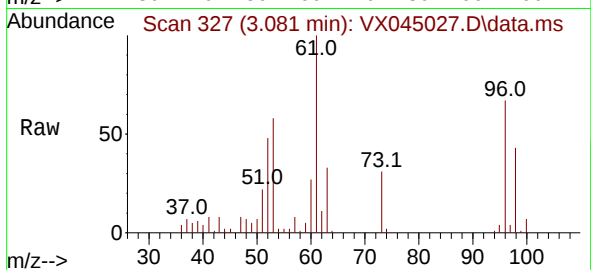
Tgt Ion: 96 Resp: 28210

Ion Ratio Lower Upper

96 100

61 149.3 108.6 163.0

98 64.5 46.5 69.7



#20

Diisopropyl ether

Concen: 18.947 ug/l

RT: 3.751 min Scan# 437

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Tgt Ion: 45 Resp: 99738

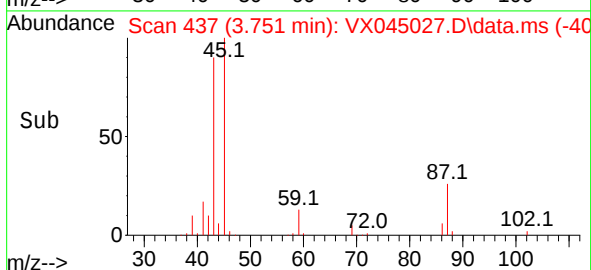
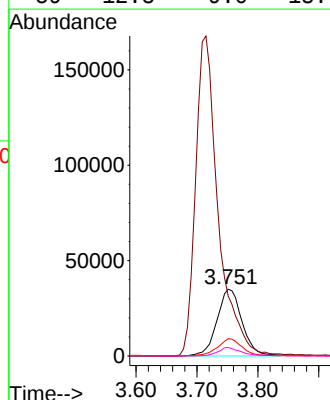
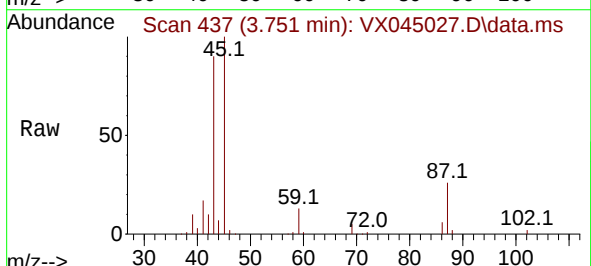
Ion Ratio Lower Upper

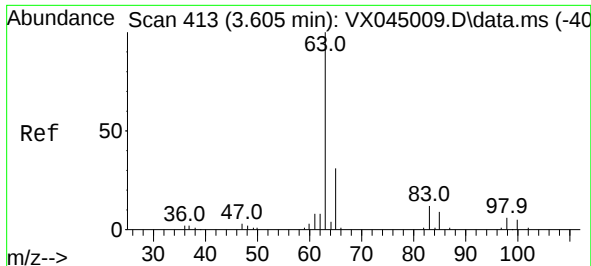
45 100

43 88.1 74.4 111.6

87 25.9 19.8 29.8

59 12.8 9.0 13.4





#21

1,1-Dichloroethane

Concen: 19.462 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX045027.D

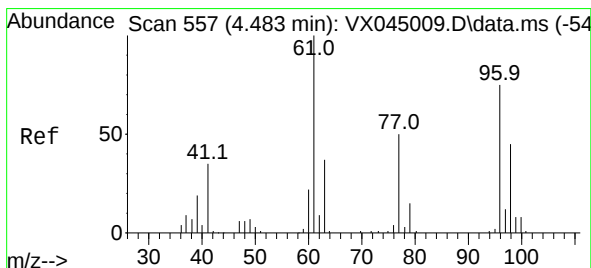
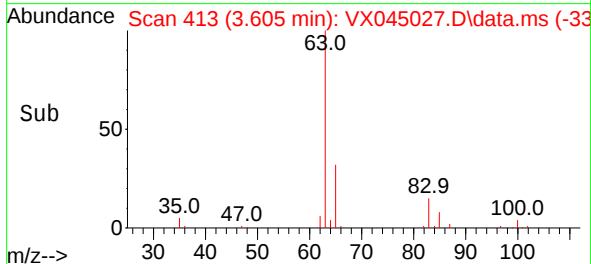
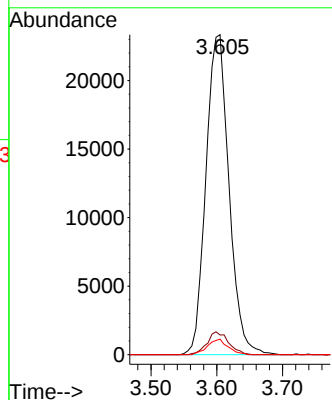
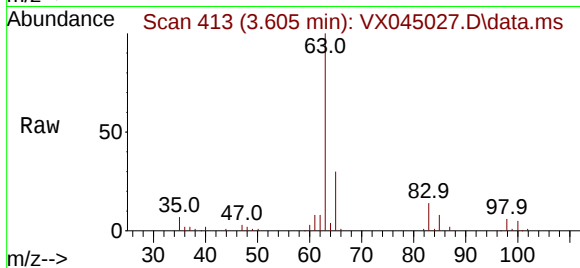
Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	63	Resp:	56976
Ion Ratio	Lower	Upper	
63	100		
98	6.2	3.3	9.8
100	4.9	2.4	7.1



#22

cis-1,2-Dichloroethene

Concen: 18.883 ug/l

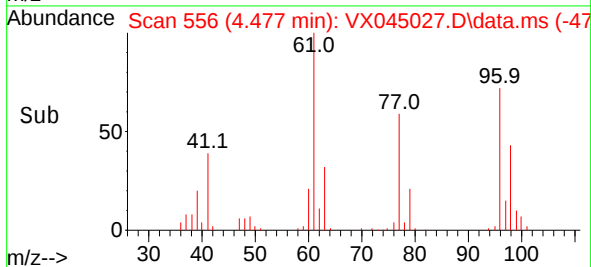
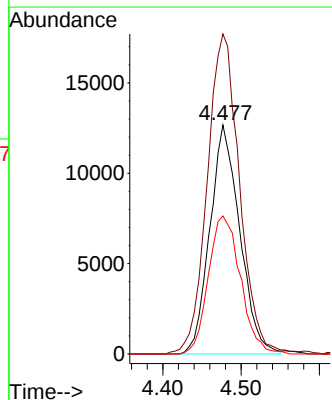
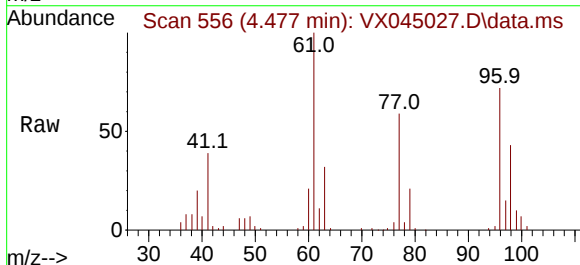
RT: 4.477 min Scan# 556

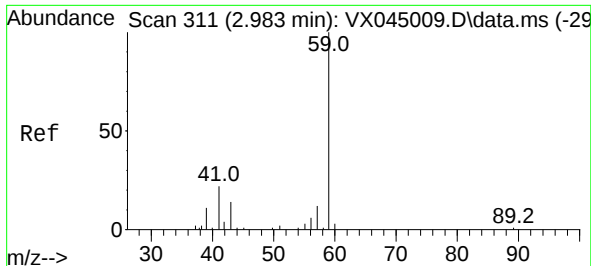
Delta R.T. -0.006 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Tgt Ion:	96	Resp:	33530
Ion Ratio	Lower	Upper	
96	100		
61	151.5	118.9	178.3
98	64.7	50.7	76.1

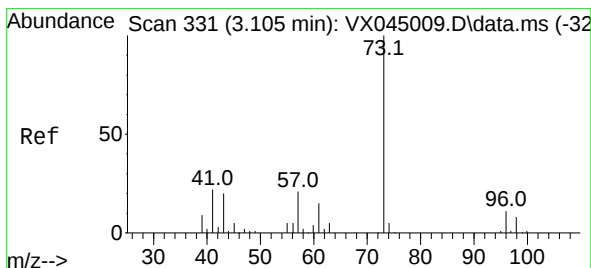
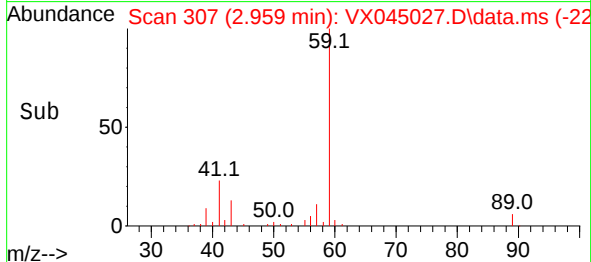
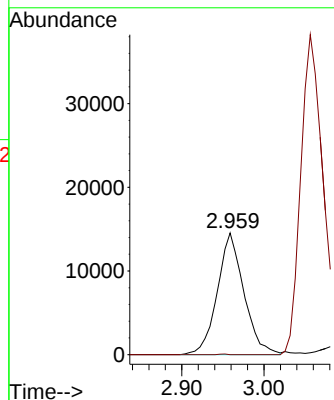
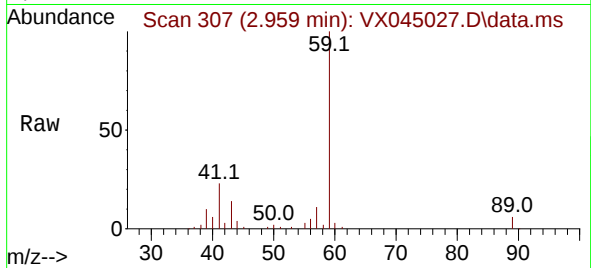




#23
tert-Butyl Alcohol
Concen: 112.549 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.025 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

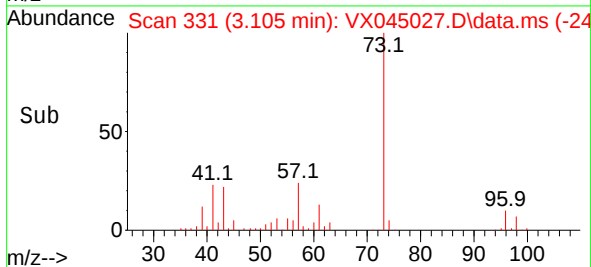
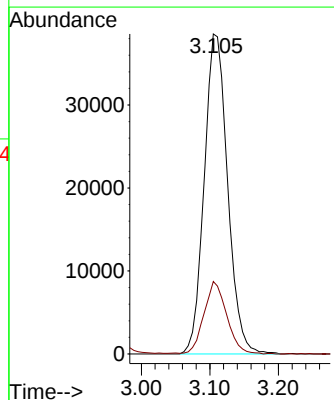
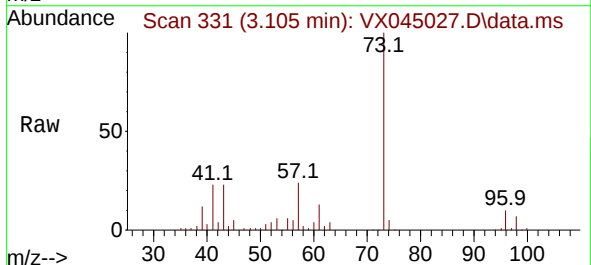
Instrument :
MSVOA_X
ClientSampleId :

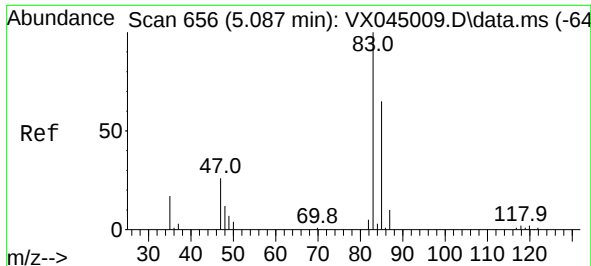
Tgt Ion: 59 Resp: 32641
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 19.177 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.000 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

Tgt Ion: 73 Resp: 91670
Ion Ratio Lower Upper
73 100
43 22.0 17.4 26.0





#25

Chloroform

Concen: 19.450 ug/l

RT: 5.080 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

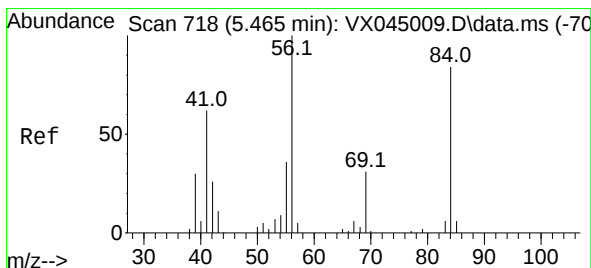
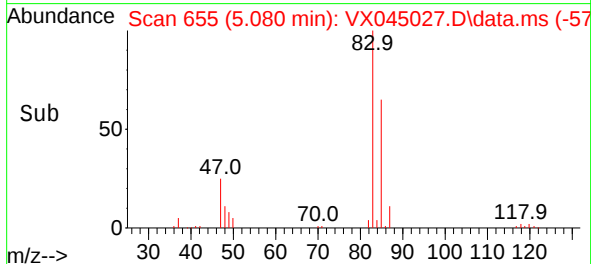
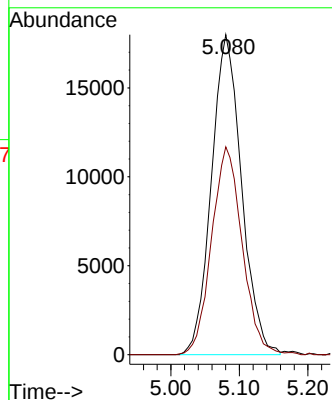
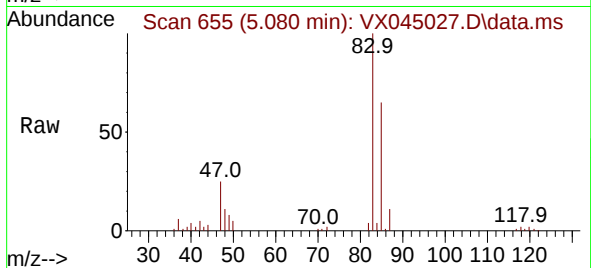
ClientSampleId :

Tgt Ion: 83 Resp: 55001

Ion Ratio Lower Upper

83 100

85 64.6 51.7 77.5



#26

Cyclohexane

Concen: 18.951 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

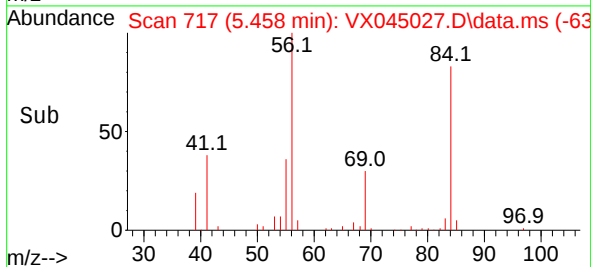
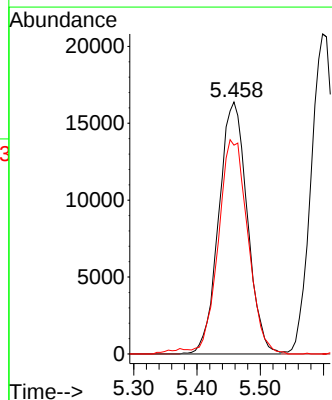
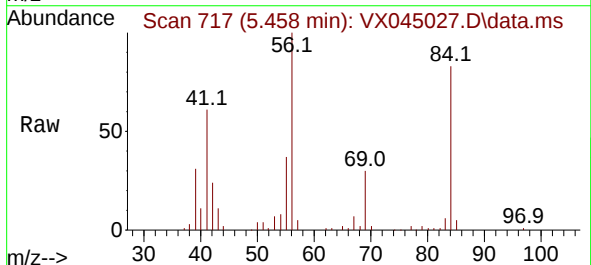
Tgt Ion: 56 Resp: 51210

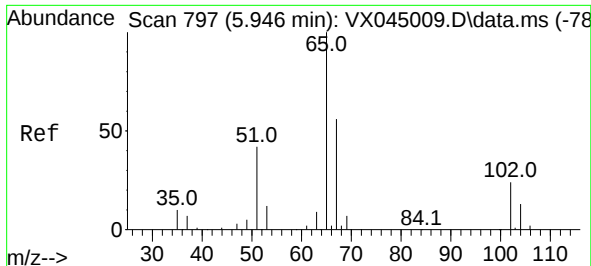
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

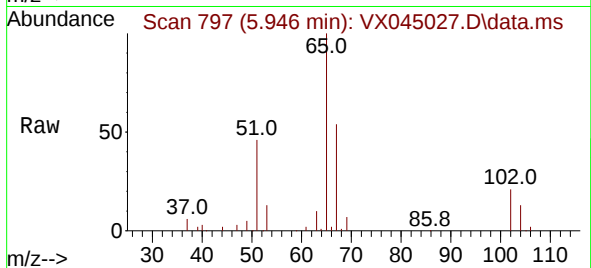
84 87.8 67.1 100.7



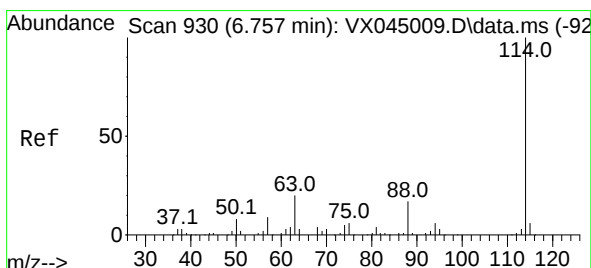
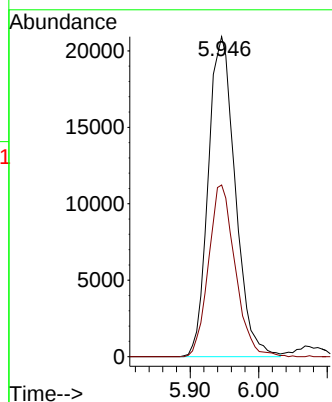
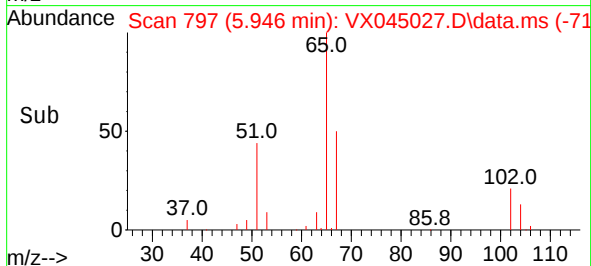


#27
 1,2-Dichloroethane-d4
 Concen: 30.596 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. -0.000 min
 Lab File: VX045027.D
 Acq: 24 Feb 2025 16:40

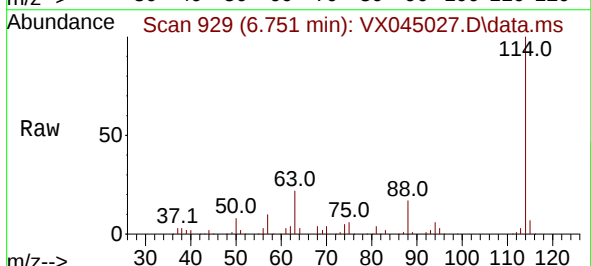
Instrument :
 MSVOA_X
 ClientSampleId :



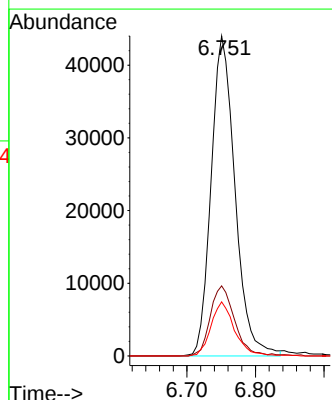
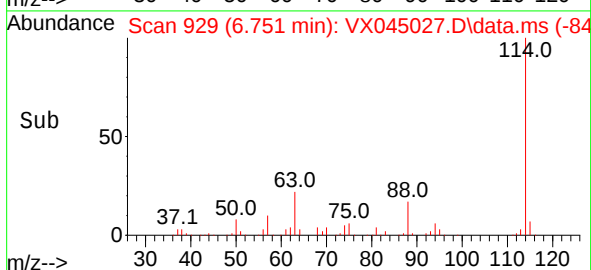
Tgt Ion: 65 Resp: 57294
 Ion Ratio Lower Upper
 65 100
 67 52.9 42.6 64.0

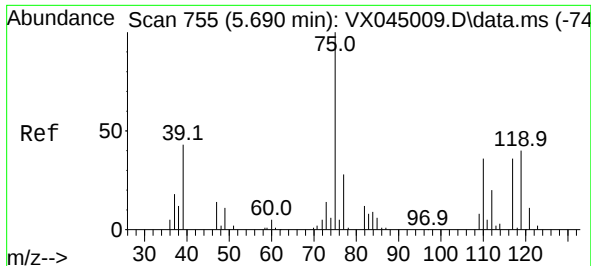


#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. -0.006 min
 Lab File: VX045027.D
 Acq: 24 Feb 2025 16:40



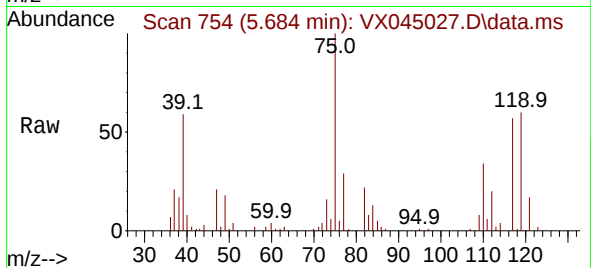
Tgt Ion: 114 Resp: 106629
 Ion Ratio Lower Upper
 114 100
 63 22.1 16.8 25.2
 88 16.6 12.7 19.1



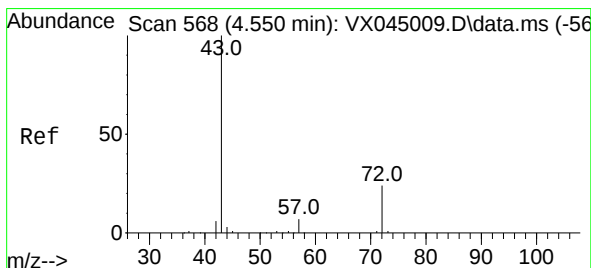
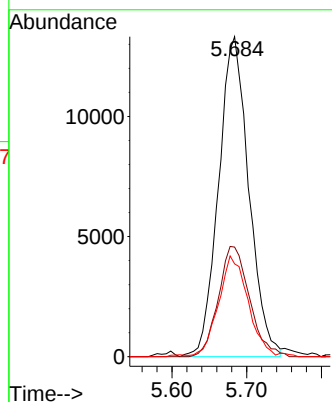
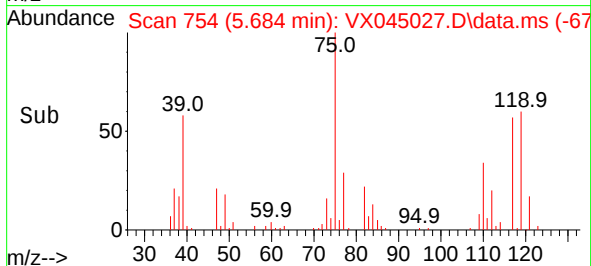


#29
1,1-Dichloropropene
Concen: 19.135 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

Instrument :
MSVOA_X
ClientSampleId :

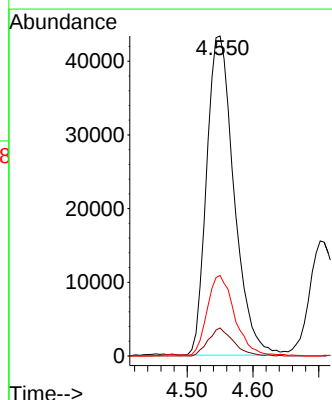
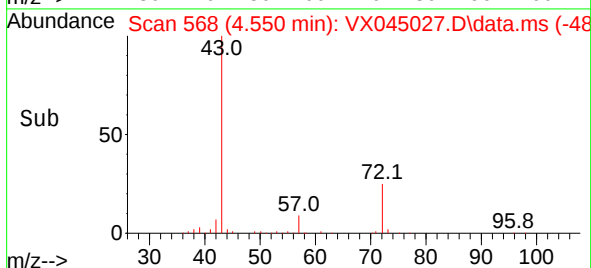
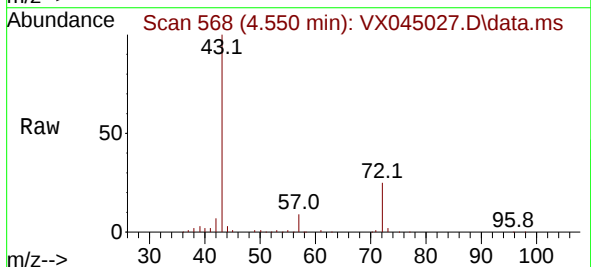


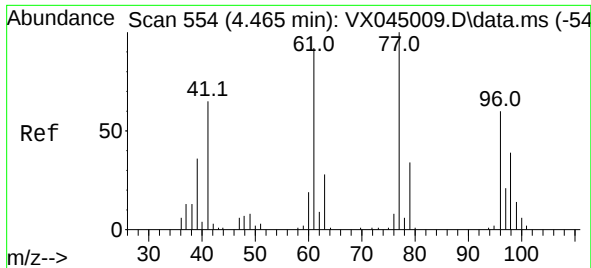
Tgt Ion: 75 Resp: 37533
Ion Ratio Lower Upper
75 100
110 35.4 0.0 69.2
77 30.7 0.0 61.0



#30
2-Butanone
Concen: 110.907 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.000 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

Tgt Ion: 43 Resp: 125650
Ion Ratio Lower Upper
43 100
57 8.0 6.2 9.2
72 24.8 20.2 30.2





#31

2,2-Dichloropropane

Concen: 18.659 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

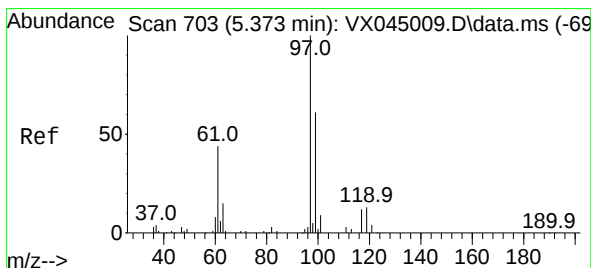
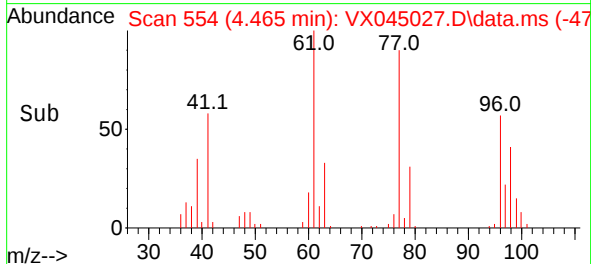
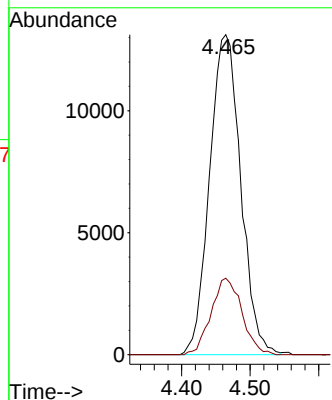
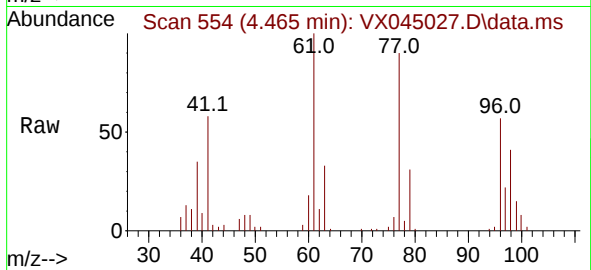
ClientSampleId :

Tgt Ion: 77 Resp: 41385

Ion Ratio Lower Upper

77 100

97 23.6 18.0 27.0



#32

1,1,1-Trichloroethane

Concen: 19.547 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

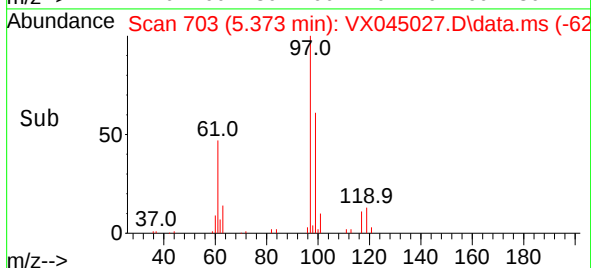
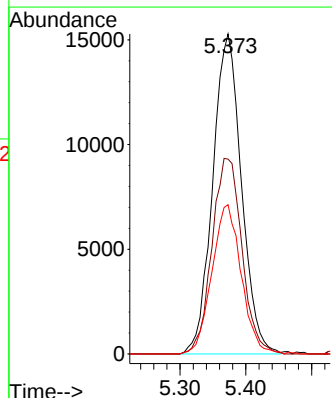
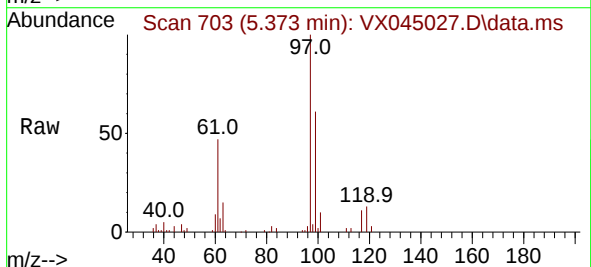
Tgt Ion: 97 Resp: 46455

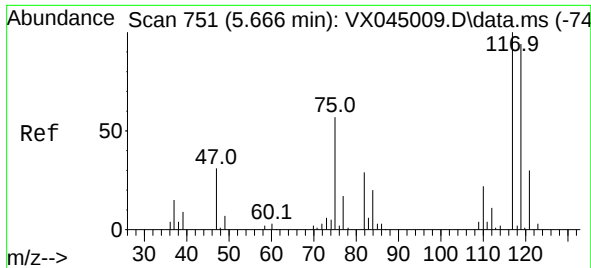
Ion Ratio Lower Upper

97 100

99 63.7 52.2 78.2

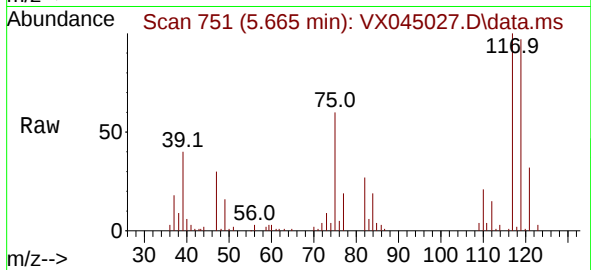
61 47.6 38.5 57.7



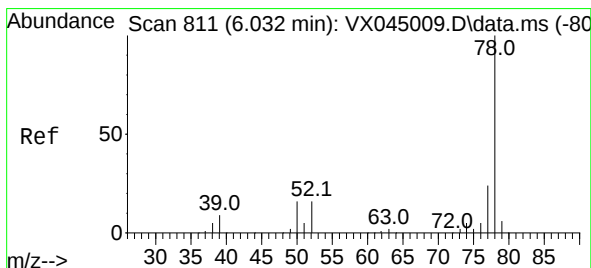
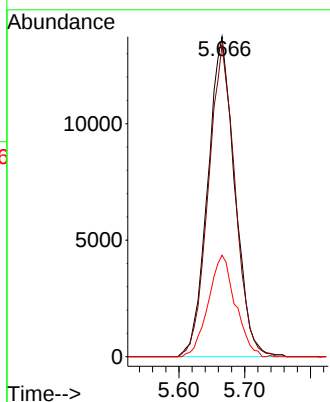
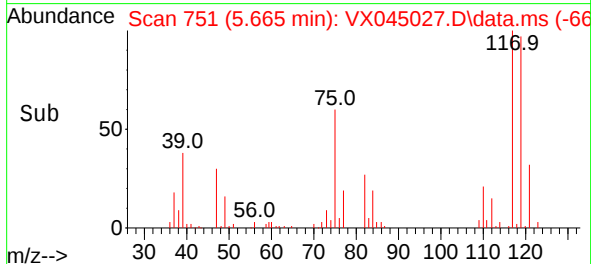


#33
Carbon Tetrachloride
Concen: 19.588 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

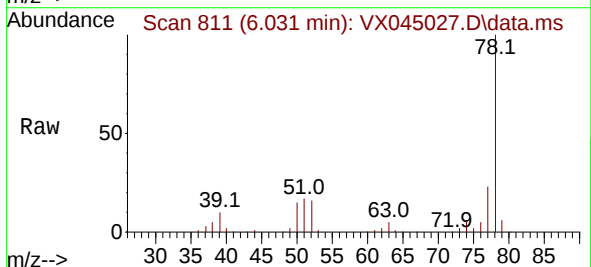
Instrument :
MSVOA_X
ClientSampleId :



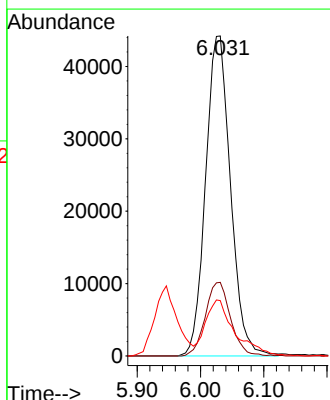
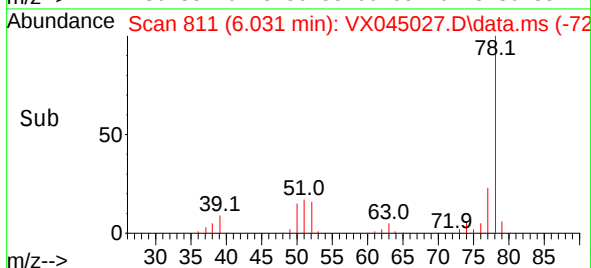
Tgt Ion:117 Resp: 39288
Ion Ratio Lower Upper
117 100
119 97.5 75.1 112.7
121 31.7 23.9 35.9

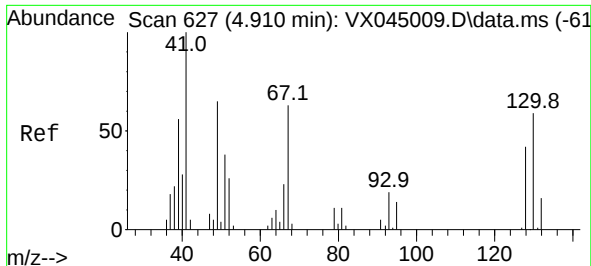


#34
Benzene
Concen: 19.672 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40



Tgt Ion: 78 Resp: 121003
Ion Ratio Lower Upper
78 100
77 23.0 19.6 29.4
51 16.9 13.8 20.6





#35

Methacrylonitrile

Concen: 21.655 ug/l

RT: 4.910 min Scan# 61

Delta R.T. -0.000 min

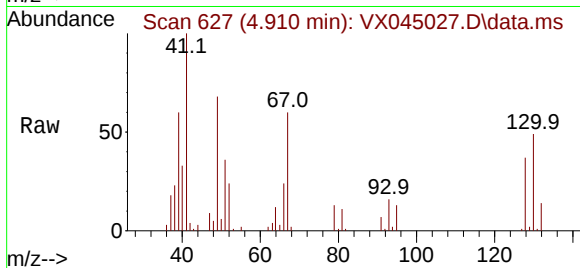
Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 41 Resp: 26253

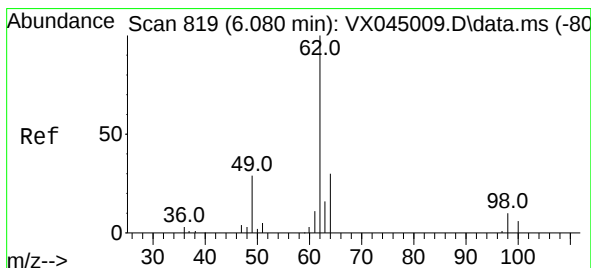
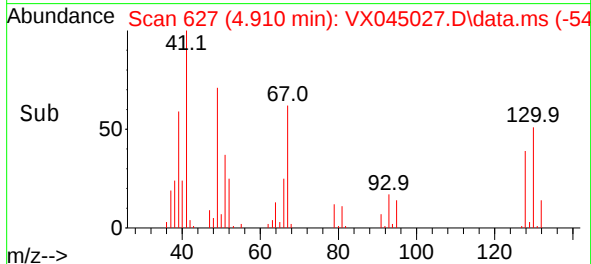
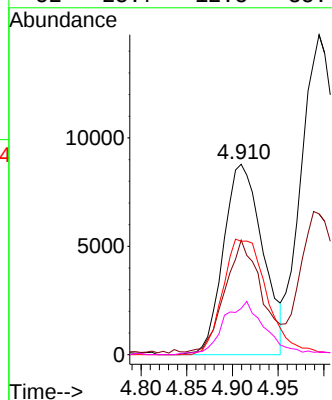
Ion Ratio Lower Upper

41 100

39 58.7 27.8 83.4

67 59.6 31.5 94.5

52 23.7 12.8 38.4



#36

1,2-Dichloroethane

Concen: 19.389 ug/l

RT: 6.080 min Scan# 819

Delta R.T. -0.000 min

Lab File: VX045027.D

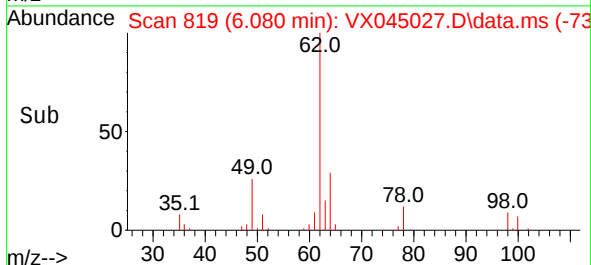
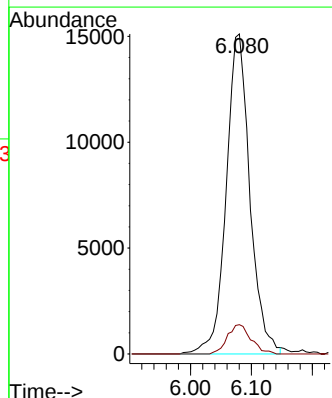
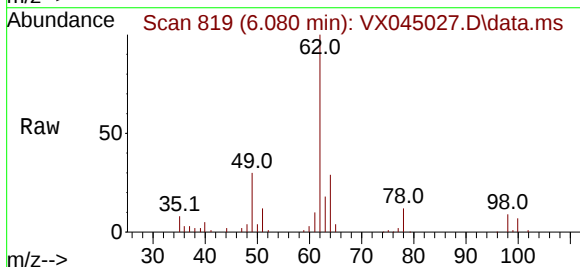
Acq: 24 Feb 2025 16:40

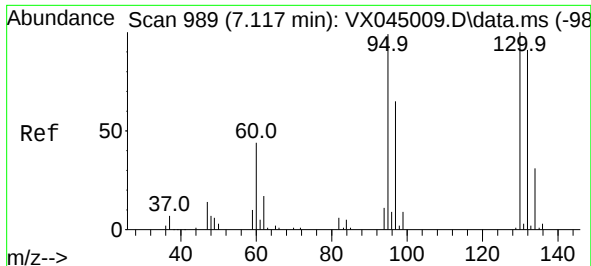
Tgt Ion: 62 Resp: 40831

Ion Ratio Lower Upper

62 100

98 9.0 7.9 11.9





#37

Trichloroethene

Concen: 19.520 ug/l

RT: 7.116 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

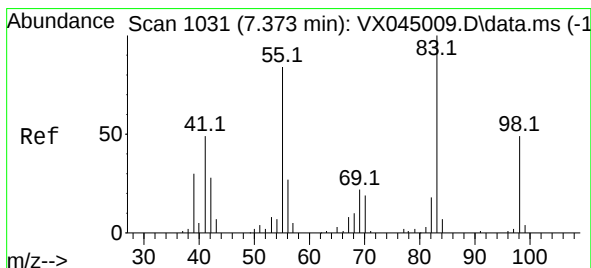
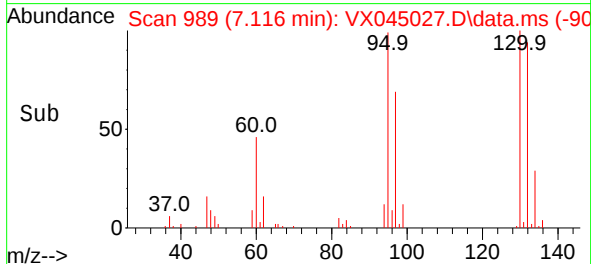
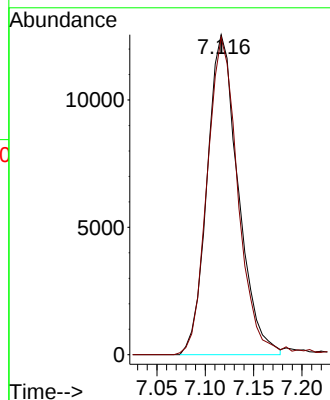
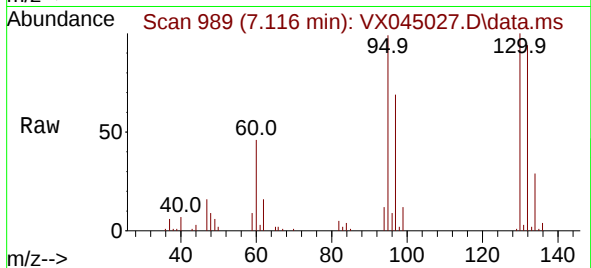
ClientSampleId :

Tgt Ion:130 Resp: 28090

Ion Ratio Lower Upper

130 100

95 98.6 79.0 118.4



#38

Methylcyclohexane

Concen: 19.091 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

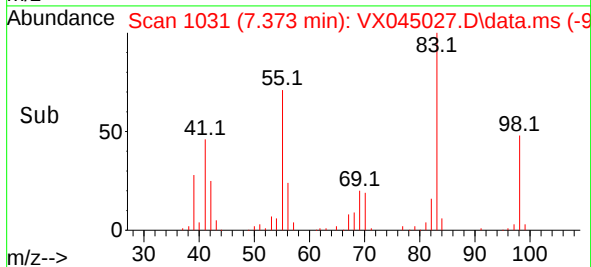
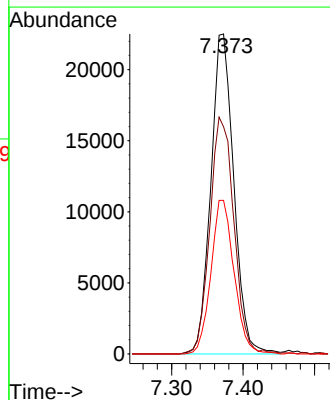
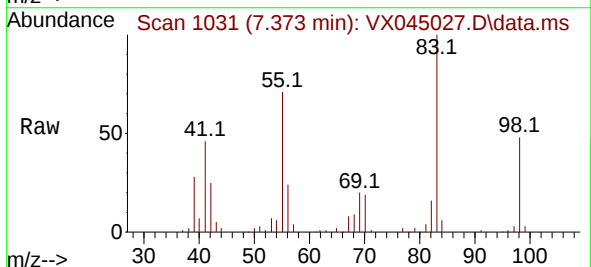
Tgt Ion: 83 Resp: 50279

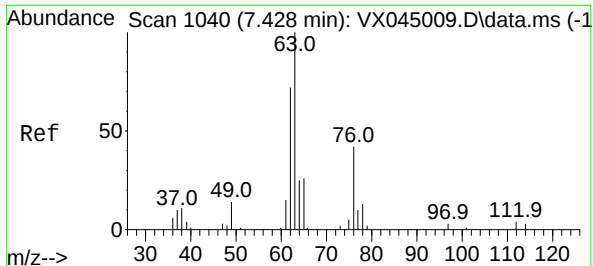
Ion Ratio Lower Upper

83 100

55 77.1 40.6 122.0

98 48.4 24.9 74.6

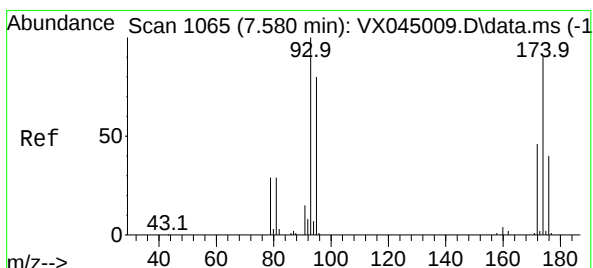
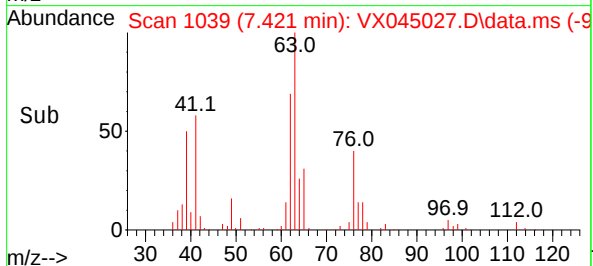
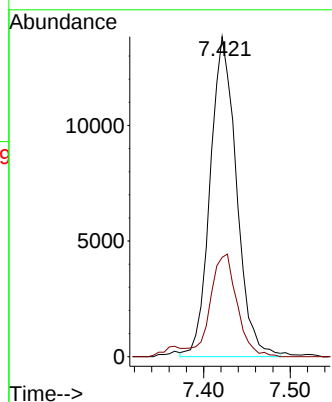
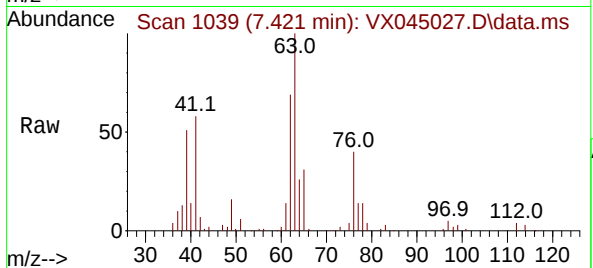




#39
1,2-Dichloropropane
Concen: 19.109 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

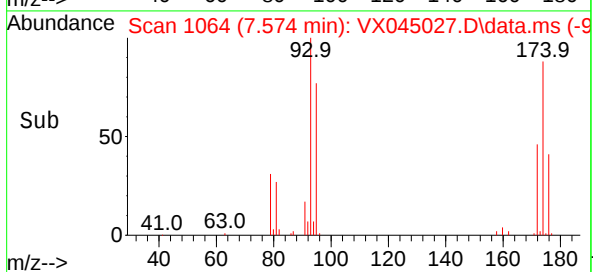
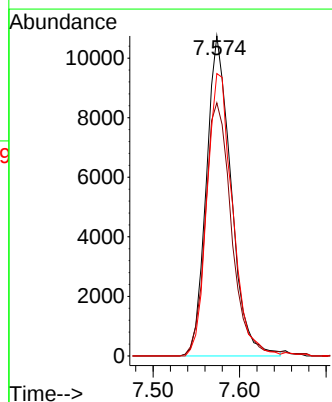
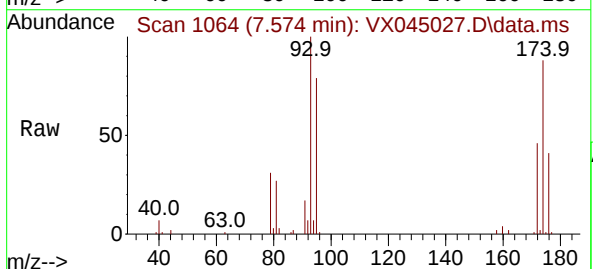
Instrument :
MSVOA_X
ClientSampleId :

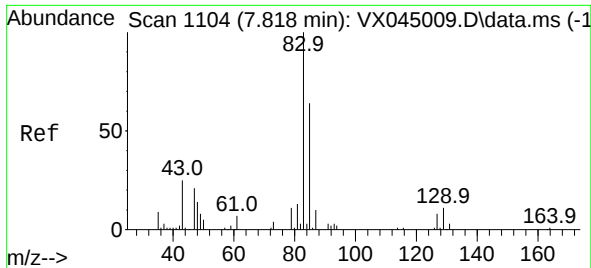
Tgt Ion: 63 Resp: 29223
Ion Ratio Lower Upper
63 100
65 31.4 24.3 36.5



#40
Dibromomethane
Concen: 19.422 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

Tgt Ion: 93 Resp: 21313
Ion Ratio Lower Upper
93 100
95 83.9 0.0 162.6
174 90.8 0.0 178.8

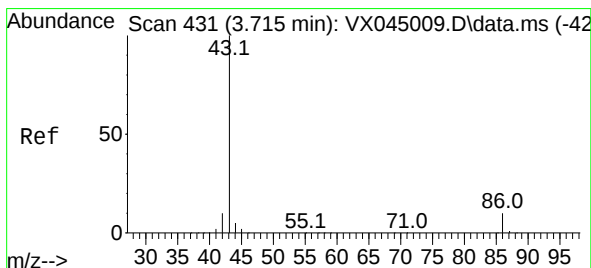
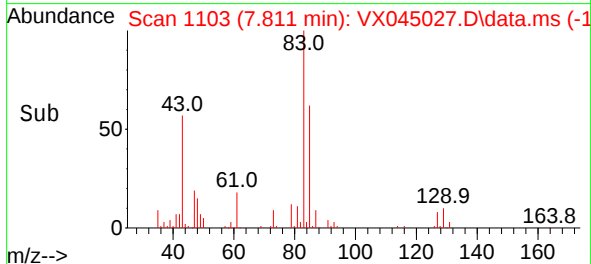
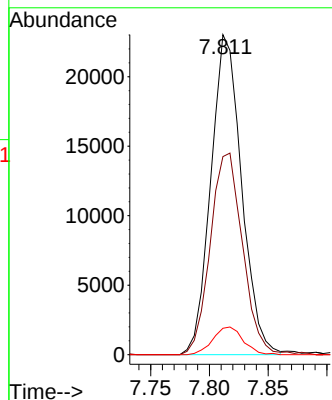
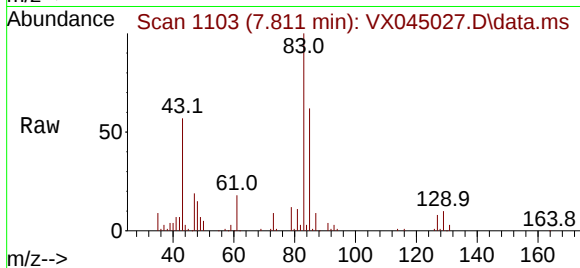




#41
Bromodichloromethane
Concen: 19.235 ug/l
RT: 7.811 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

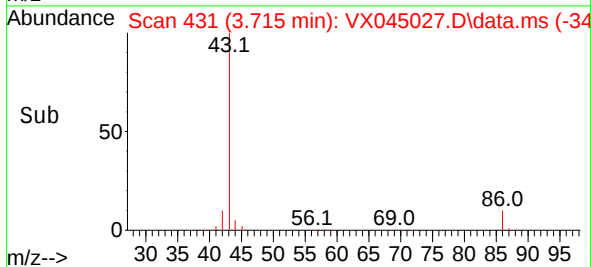
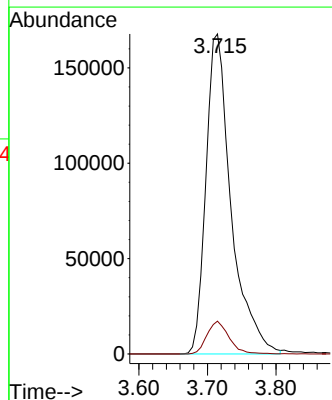
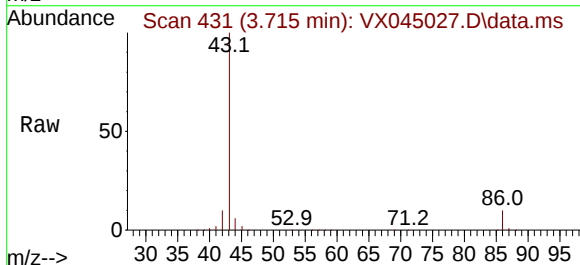
Instrument :
MSVOA_X
ClientSampleId :

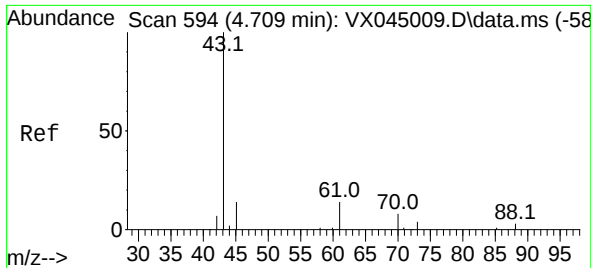
Tgt Ion: 83 Resp: 41952
Ion Ratio Lower Upper
83 100
85 61.9 51.0 76.6
127 8.2 6.1 9.1



#42
Vinyl Acetate
Concen: 97.746 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

Tgt Ion: 43 Resp: 429727
Ion Ratio Lower Upper
43 100
86 9.0 7.0 10.4

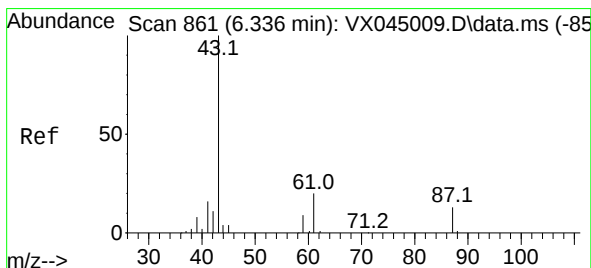
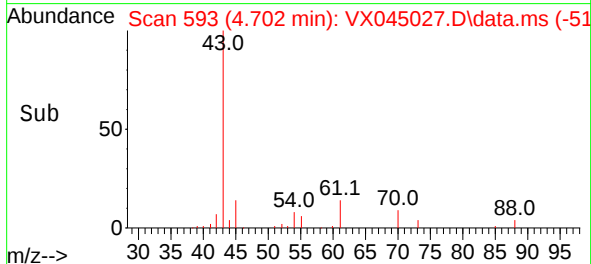
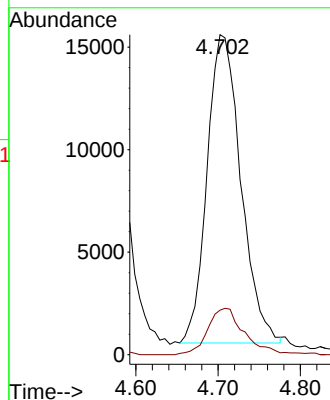
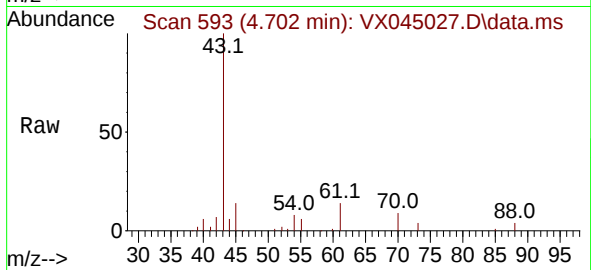




#43
Ethyl Acetate
Concen: 20.226 ug/l
RT: 4.702 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

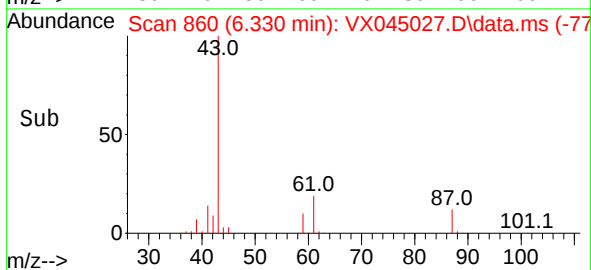
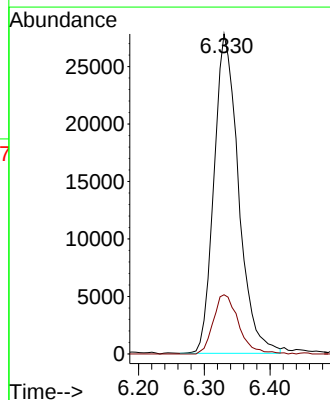
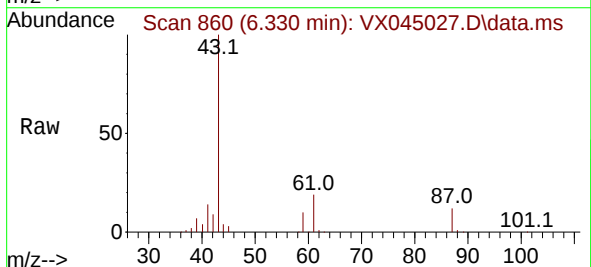
Instrument :
MSVOA_X
ClientSampleId :

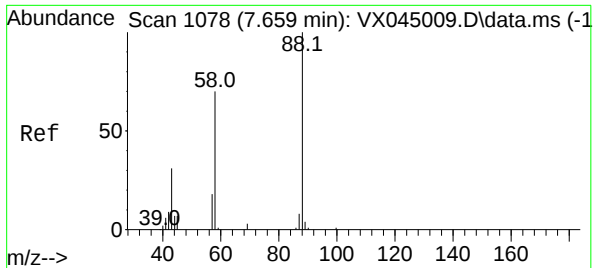
Tgt Ion: 43 Resp: 42973
Ion Ratio Lower Upper
43 100
45 16.0 12.7 19.1



#44
Isopropyl Acetate
Concen: 20.636 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

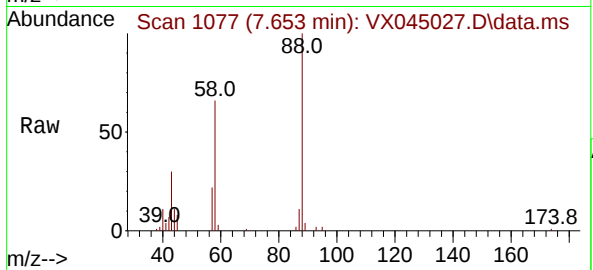
Tgt Ion: 43 Resp: 72161
Ion Ratio Lower Upper
43 100
61 18.9 15.5 23.3



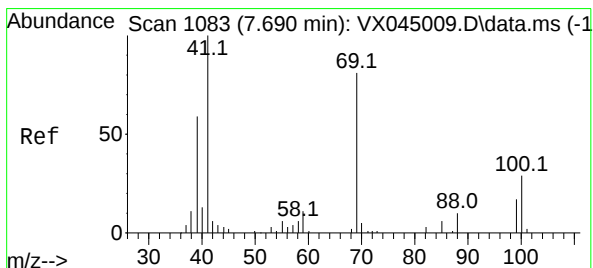
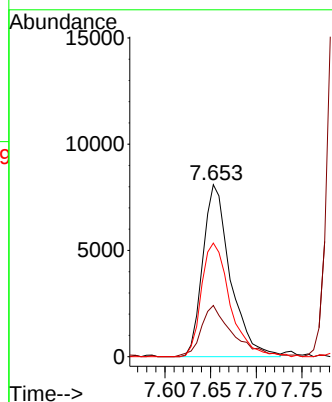
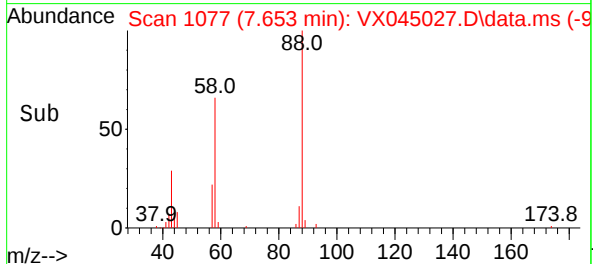


#45
1,4-Dioxane
Concen: 466.175 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

Instrument :
MSVOA_X
ClientSampleId :

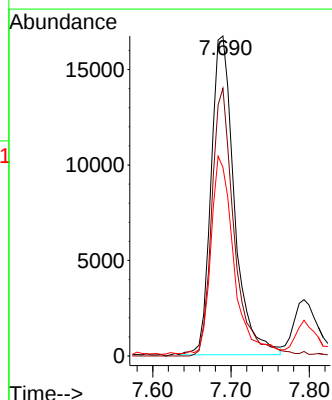
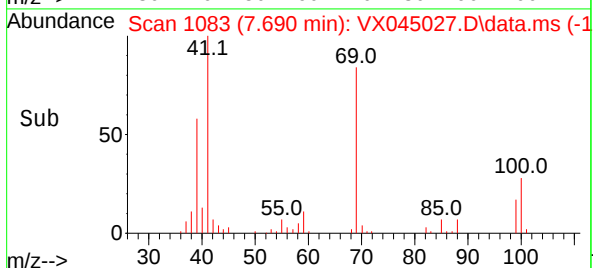
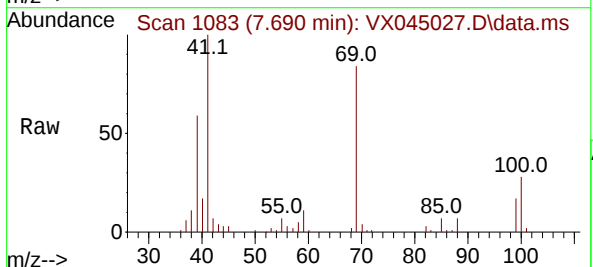


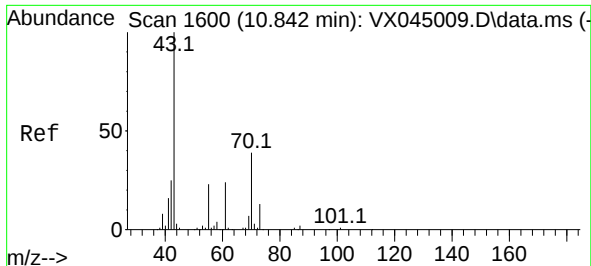
Tgt Ion: 88 Resp: 16946
Ion Ratio Lower Upper
88 100
43 33.9 29.6 44.4
58 68.8 56.2 84.4



#46
Methyl methacrylate
Concen: 20.183 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

Tgt Ion: 41 Resp: 34607
Ion Ratio Lower Upper
41 100
69 84.0 40.7 122.1
39 58.5 29.5 88.5





#47

n-amy1 Acetate

Concen: 20.000 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

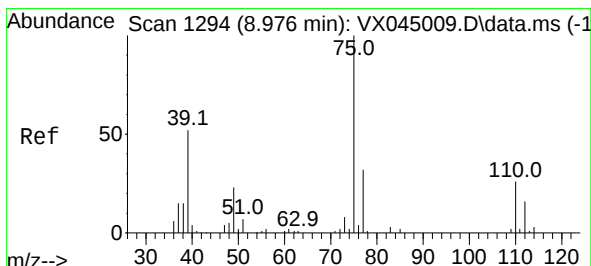
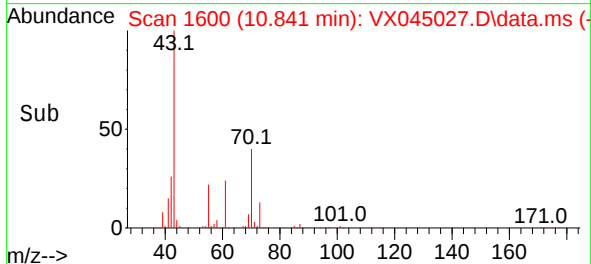
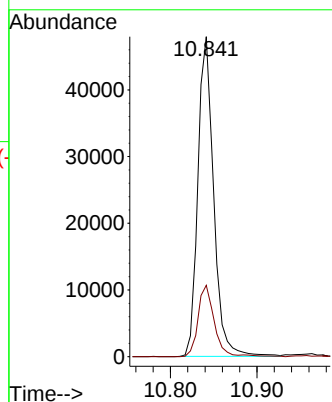
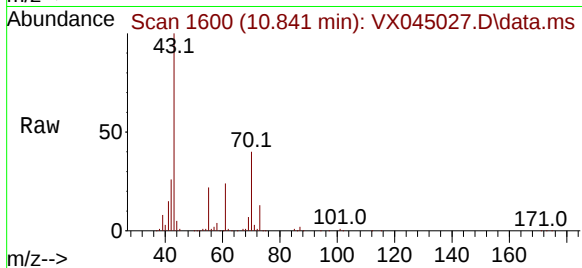
ClientSampleId :

Tgt Ion: 43 Resp: 60687

Ion Ratio Lower Upper

43 100

55 22.5 18.6 27.8



#48

t-1,3-Dichloropropene

Concen: 18.805 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX045027.D

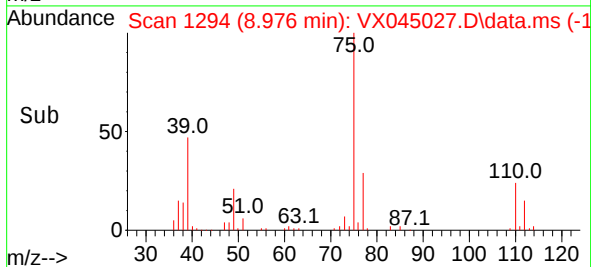
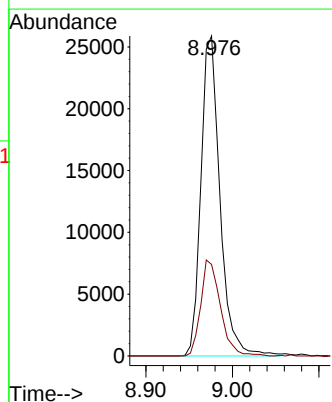
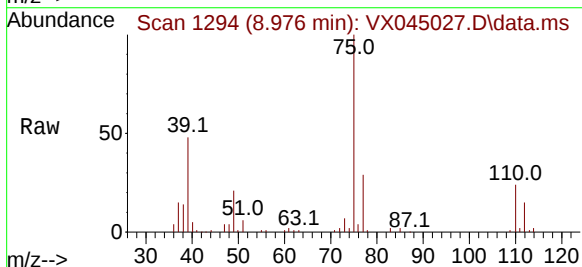
Acq: 24 Feb 2025 16:40

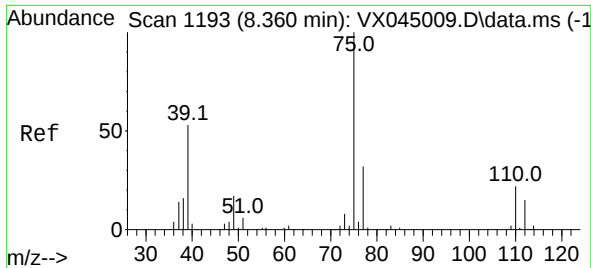
Tgt Ion: 75 Resp: 39533

Ion Ratio Lower Upper

75 100

77 28.6 25.7 38.5





#49

cis-1,3-Dichloropropene

Concen: 19.078 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

ClientSampleId :

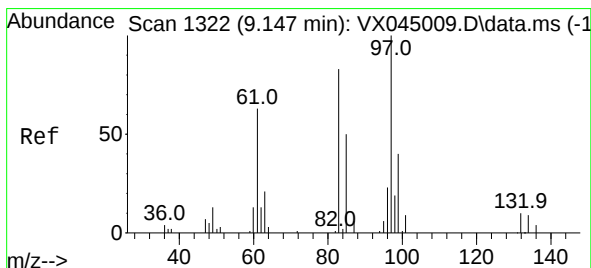
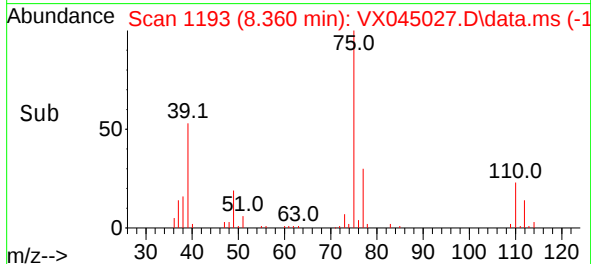
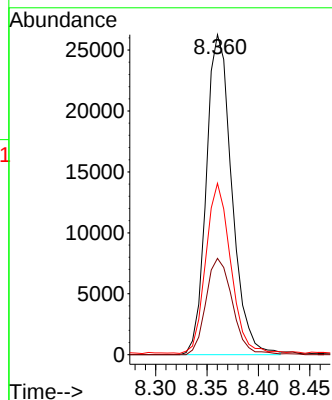
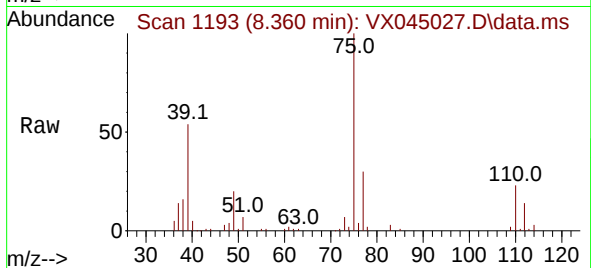
Tgt Ion: 75 Resp: 45403

Ion Ratio Lower Upper

75 100

77 30.1 25.9 38.9

39 53.1 42.3 63.5



#50

1,1,2-Trichloroethane

Concen: 20.394 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Tgt Ion: 97 Resp: 29192

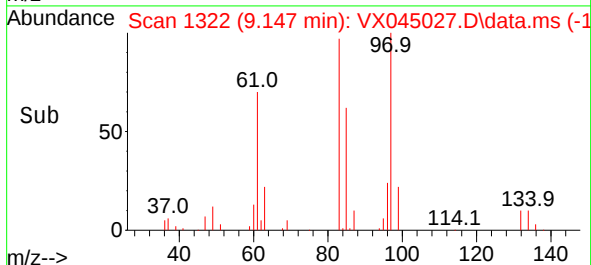
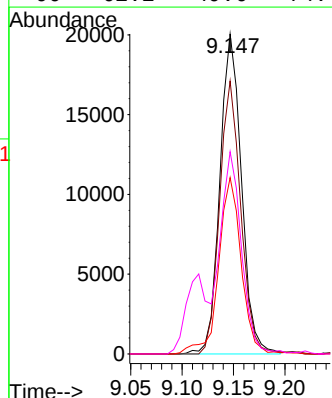
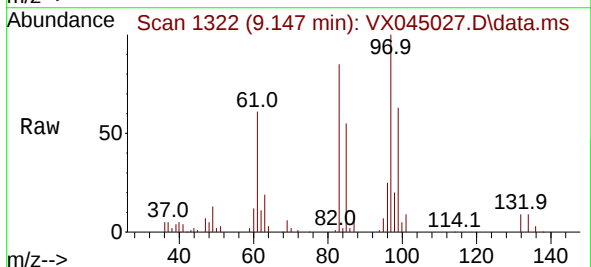
Ion Ratio Lower Upper

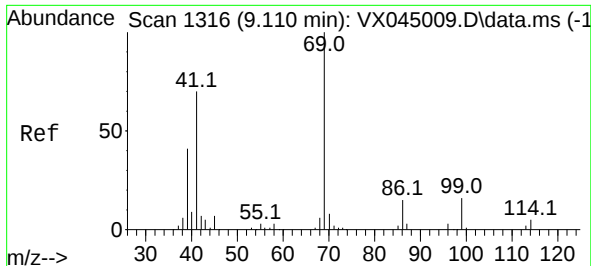
97 100

83 85.3 66.0 99.0

85 54.7 42.5 63.7

99 62.2 49.6 74.4





#51

Ethyl methacrylate

Concen: 19.111 ug/l

RT: 9.110 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

ClientSampleId :

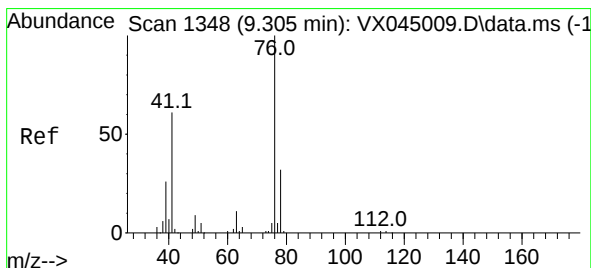
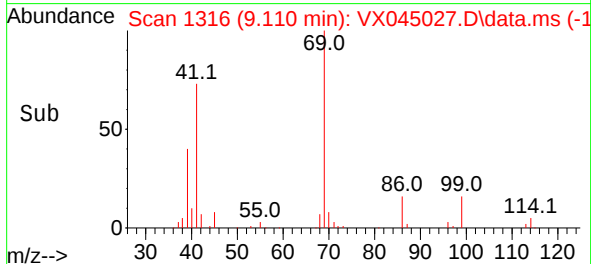
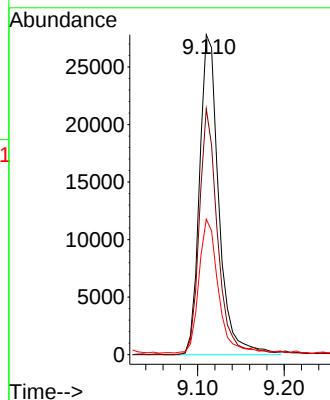
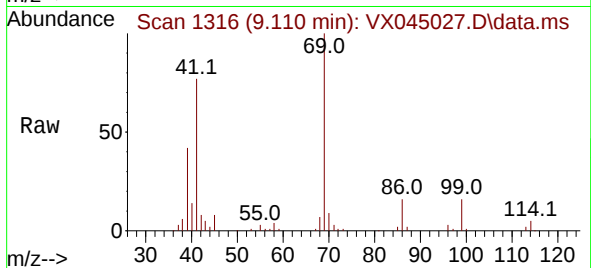
Tgt Ion: 69 Resp: 43024

Ion Ratio Lower Upper

69 100

41 76.6 35.1 105.3

39 41.5 20.5 61.6



#52

1,3-Dichloropropane

Concen: 19.731 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. -0.000 min

Lab File: VX045027.D

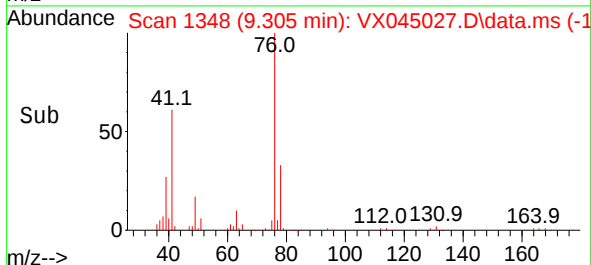
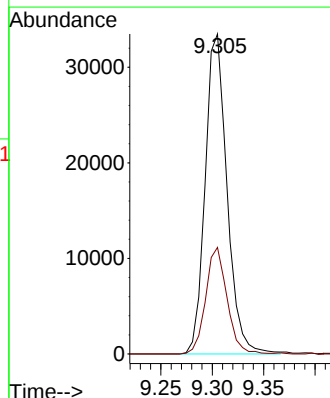
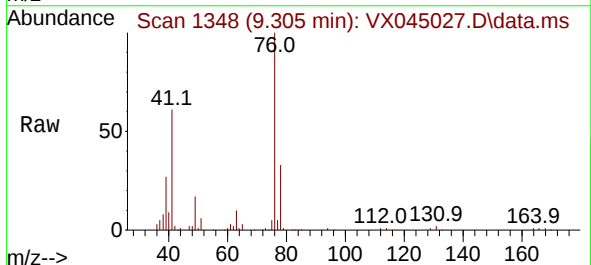
Acq: 24 Feb 2025 16:40

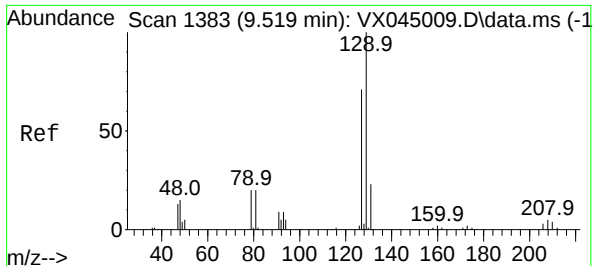
Tgt Ion: 76 Resp: 49487

Ion Ratio Lower Upper

76 100

78 32.4 0.0 63.6





#53

Dibromochloromethane

Concen: 20.030 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

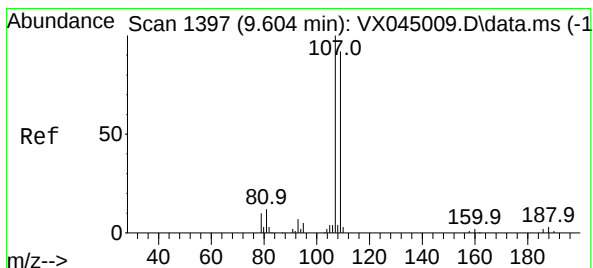
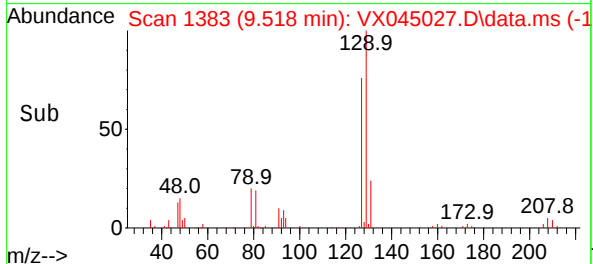
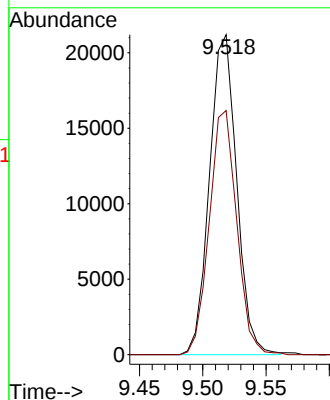
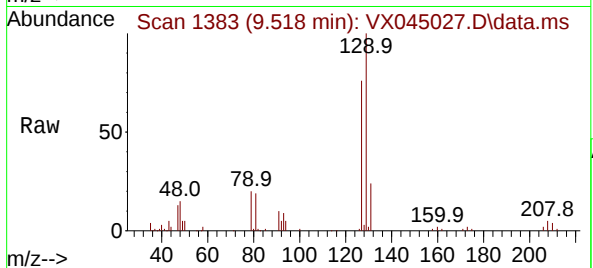
ClientSampleId :

Tgt Ion:129 Resp: 31709

Ion Ratio Lower Upper

129 100

127 76.8 37.3 111.9



#54

1,2-Dibromoethane

Concen: 20.388 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VX045027.D

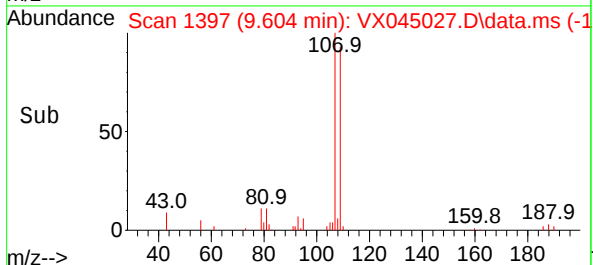
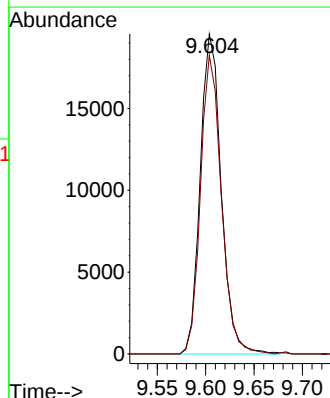
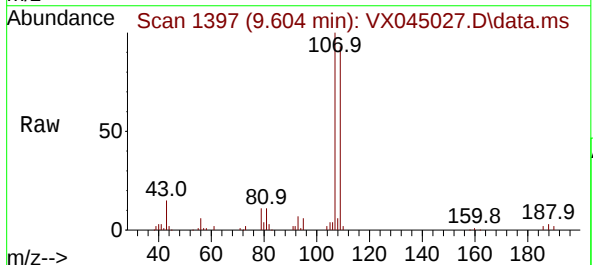
Acq: 24 Feb 2025 16:40

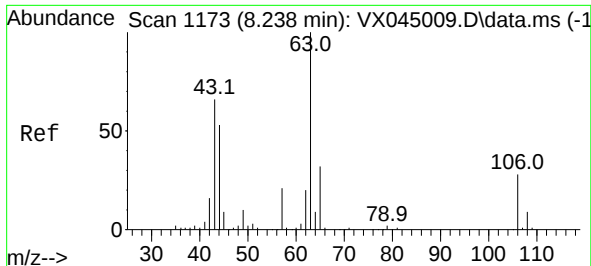
Tgt Ion:107 Resp: 29634

Ion Ratio Lower Upper

107 100

109 92.5 75.8 113.8





#55

2-Chloroethyl vinyl ether

Concen: 100.190 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

ClientSampleId :

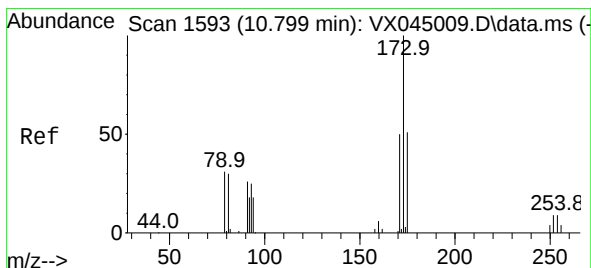
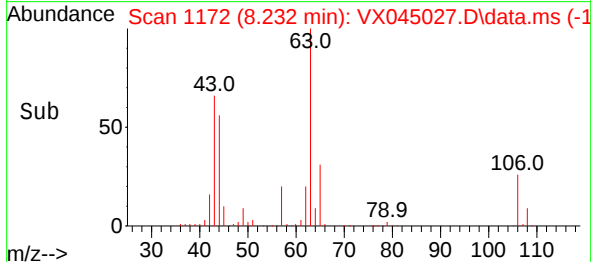
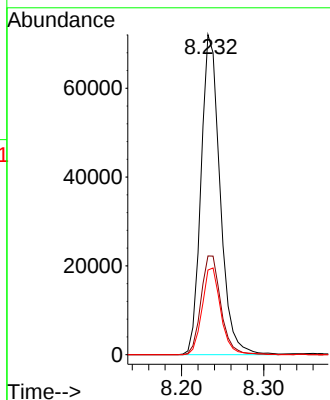
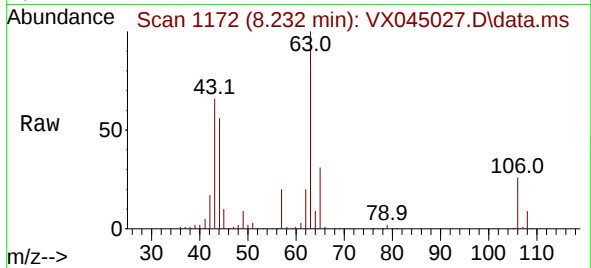
Tgt Ion: 63 Resp: 115825

Ion Ratio Lower Upper

63 100

65 32.2 26.2 39.2

106 26.6 21.2 31.8



#56

Bromoform

Concen: 20.375 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

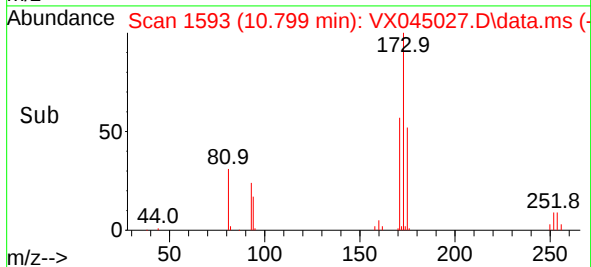
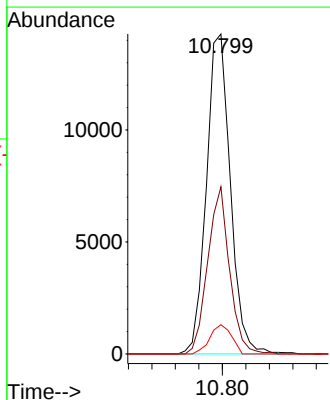
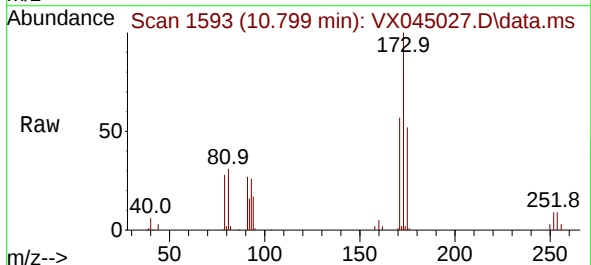
Tgt Ion:173 Resp: 20213

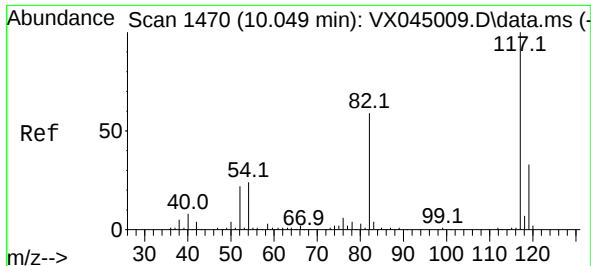
Ion Ratio Lower Upper

173 100

175 47.6 39.6 59.4

254 8.2 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: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

ClientSampleId :

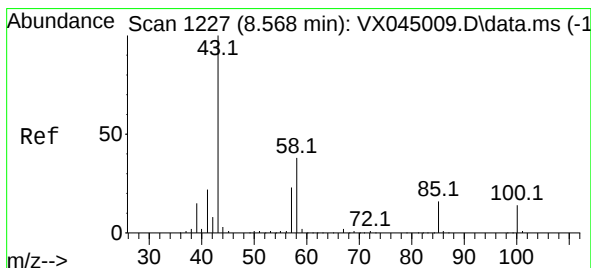
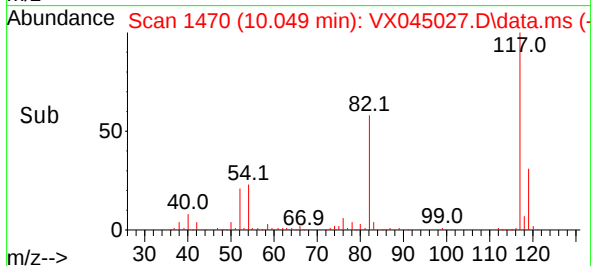
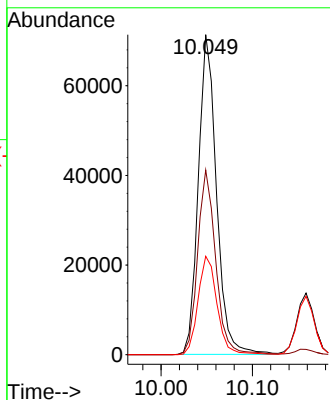
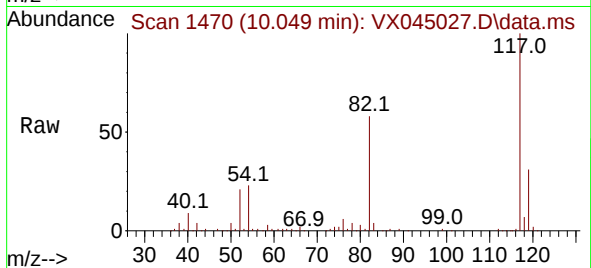
Tgt Ion:117 Resp: 98509

Ion Ratio Lower Upper

117 100

82 57.6 45.8 68.8

119 32.3 25.5 38.3



#58

4-Methyl-2-Pentanone

Concen: 108.951 ug/l

RT: 8.567 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

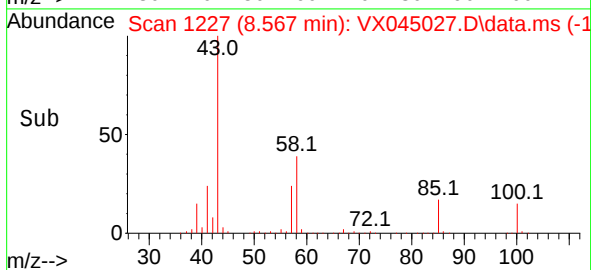
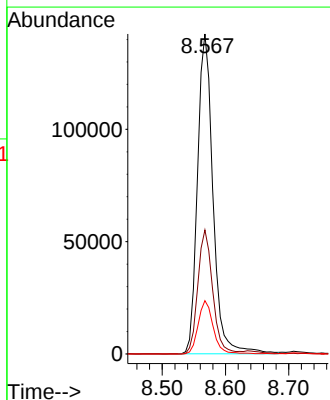
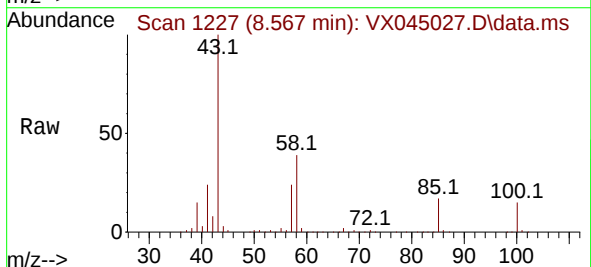
Tgt Ion: 43 Resp: 244145

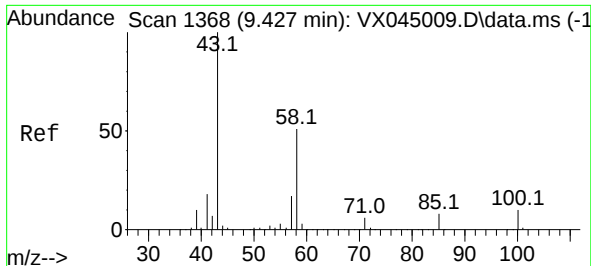
Ion Ratio Lower Upper

43 100

58 36.9 29.5 44.3

85 16.0 12.9 19.3





#59

2-Hexanone

Concen: 109.733 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

ClientSampleId :

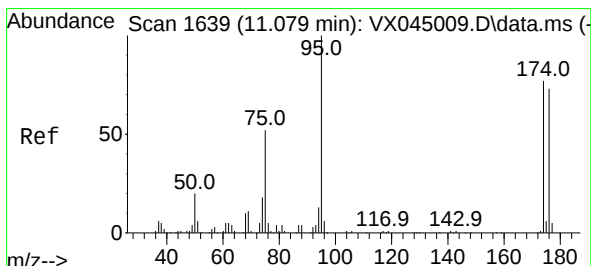
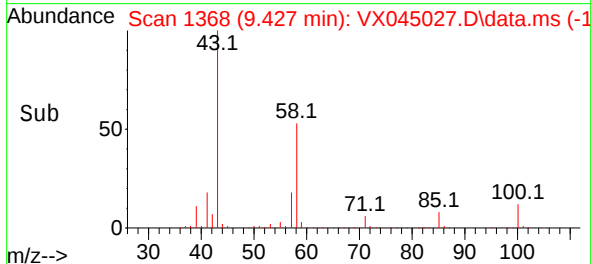
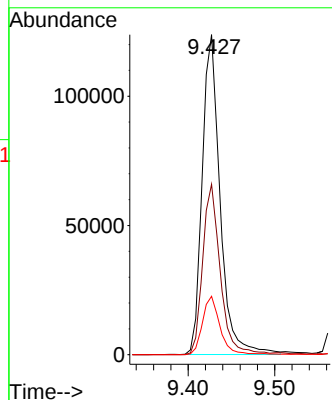
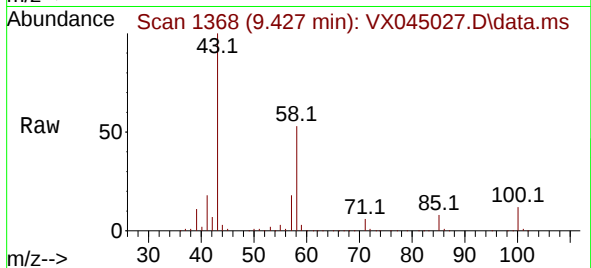
Tgt Ion: 43 Resp: 177738

Ion Ratio Lower Upper

43 100

58 52.0 41.6 62.4

57 17.6 13.8 20.6



#60

4-Bromofluorobenzene

Concen: 29.731 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

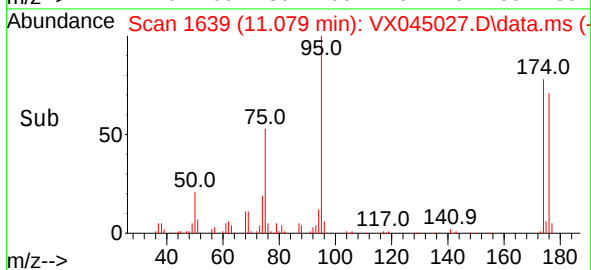
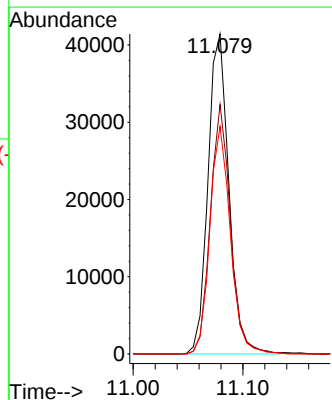
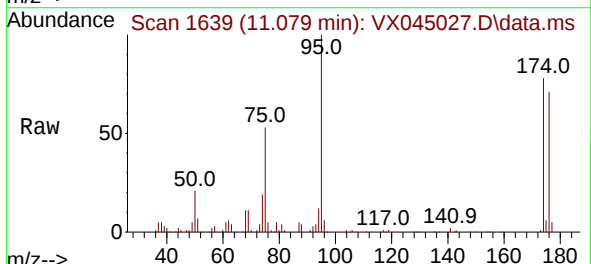
Tgt Ion: 95 Resp: 54742

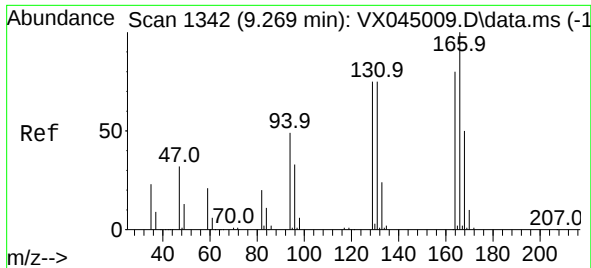
Ion Ratio Lower Upper

95 100

174 75.7 59.5 89.3

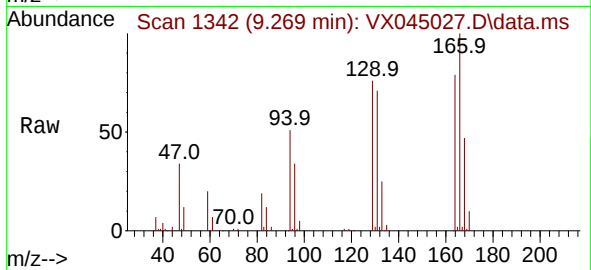
176 70.0 55.5 83.3





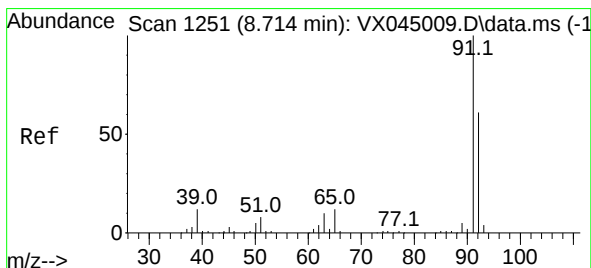
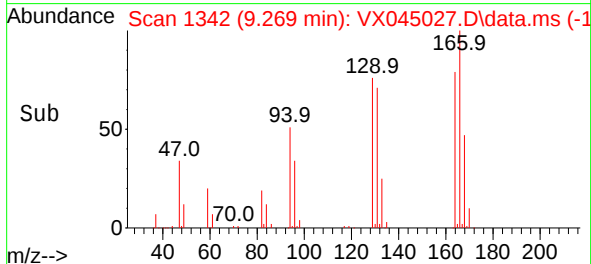
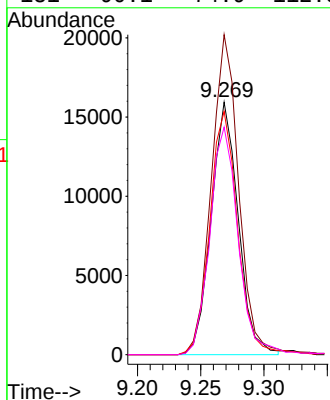
#61
Tetrachloroethene
Concen: 19.534 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:164 Resp: 23696

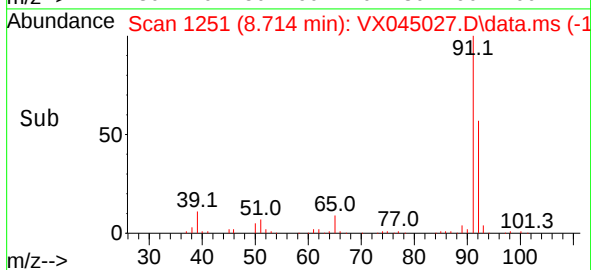
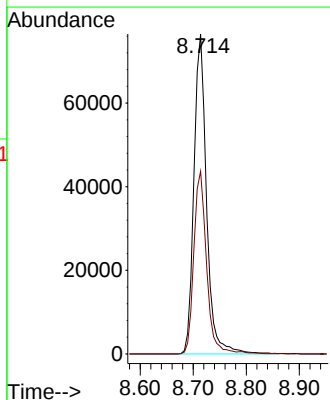
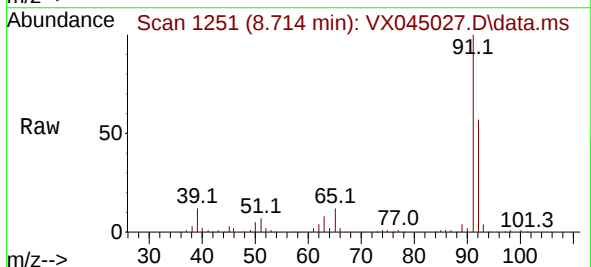
Ion	Ratio	Lower	Upper
164	100		
166	126.8	100.3	150.5
129	96.3	75.5	113.3
131	90.1	74.9	112.3

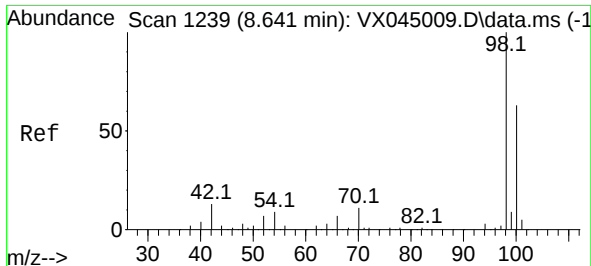


#62
Toluene
Concen: 19.374 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

Tgt Ion: 91 Resp: 126429

Ion	Ratio	Lower	Upper
91	100		
92	57.0	46.9	70.3





#63

Toluene-d8

Concen: 29.465 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

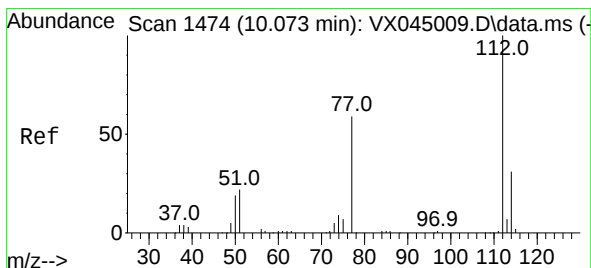
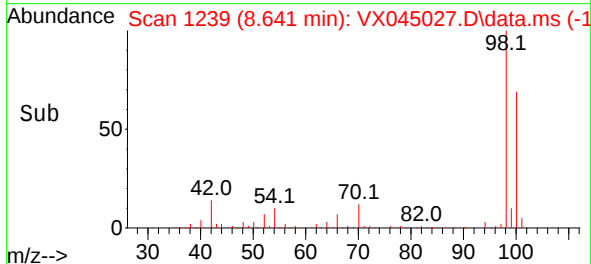
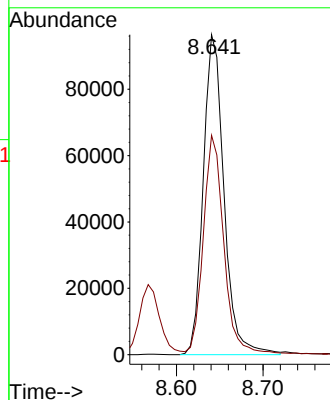
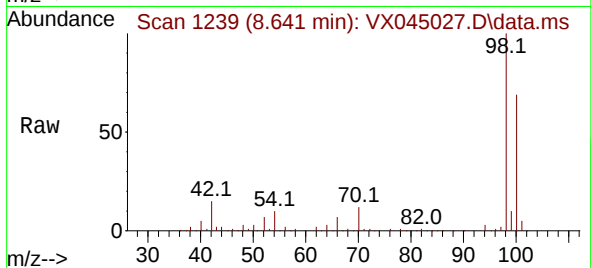
ClientSampleId :

Tgt Ion: 98 Resp: 160575

Ion Ratio Lower Upper

98 100

100 67.8 51.7 77.5



#64

Chlorobenzene

Concen: 19.455 ug/l

RT: 10.073 min Scan# 1474

Delta R.T. -0.000 min

Lab File: VX045027.D

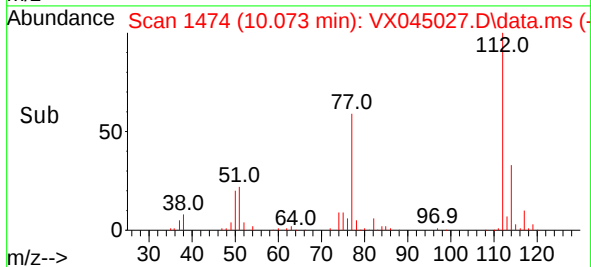
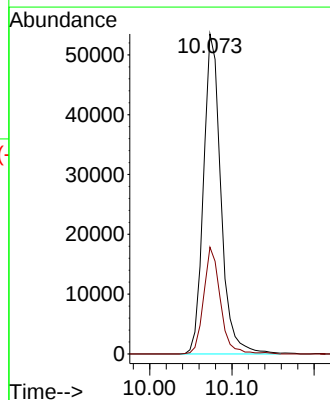
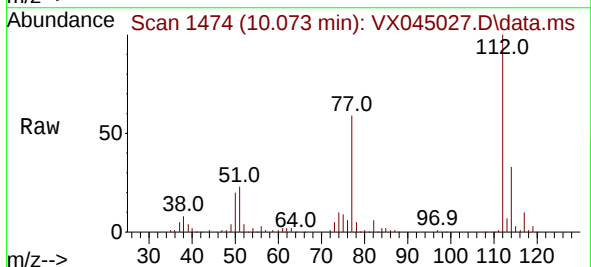
Acq: 24 Feb 2025 16:40

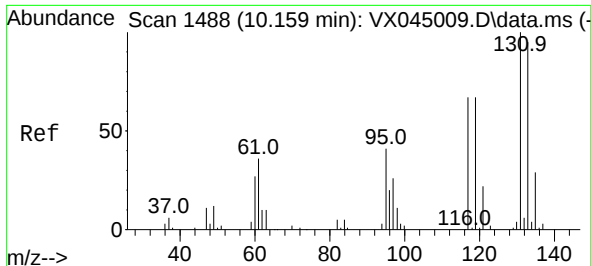
Tgt Ion:112 Resp: 78672

Ion Ratio Lower Upper

112 100

114 33.4 24.7 37.1





#65

1,1,1,2-Tetrachloroethane

Concen: 18.802 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

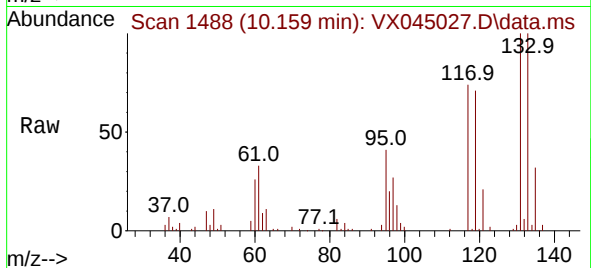
Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

ClientSampleId :



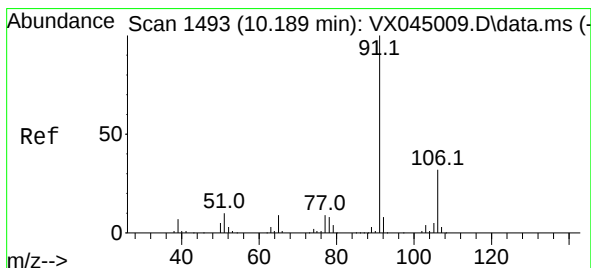
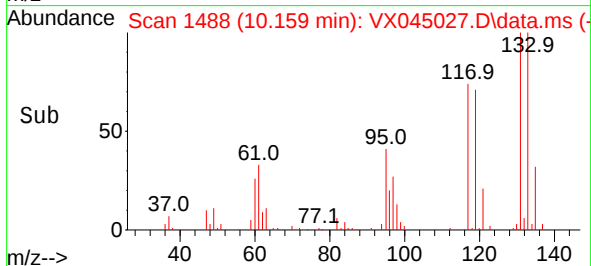
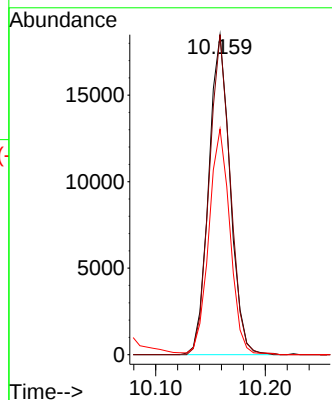
Tgt Ion:131 Resp: 25087

Ion	Ratio	Lower	Upper
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131	100		
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133	98.1	0.0	187.8
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119	69.4	0.0	133.0
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#66

Ethyl Benzene

Concen: 18.773 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX045027.D

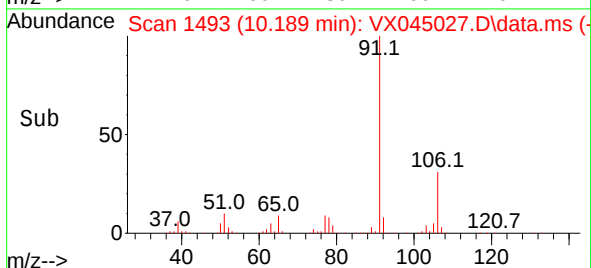
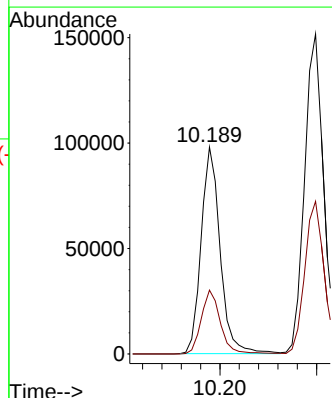
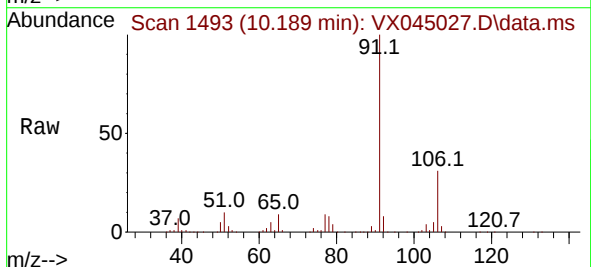
Acq: 24 Feb 2025 16:40

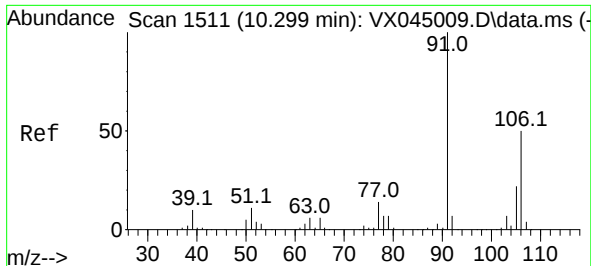
Tgt Ion: 91 Resp: 134118

Ion	Ratio	Lower	Upper
-----	-------	-------	-------

91	100		
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106	30.9	25.4	38.2
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#67

m/p-Xylenes

Concen: 38.535 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

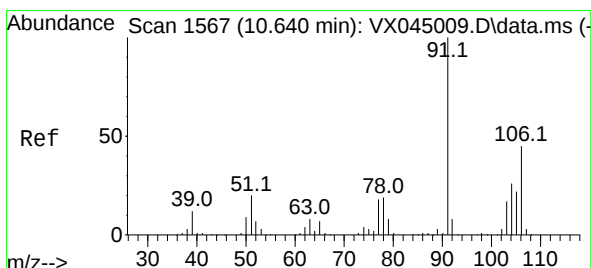
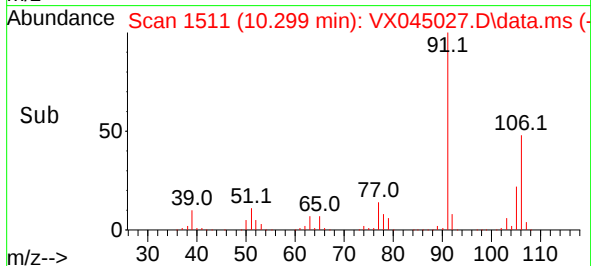
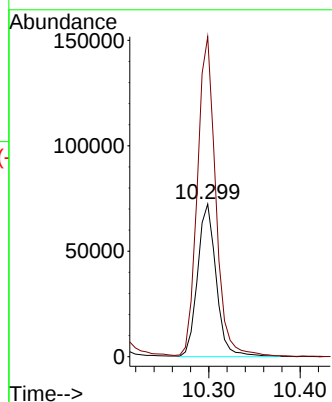
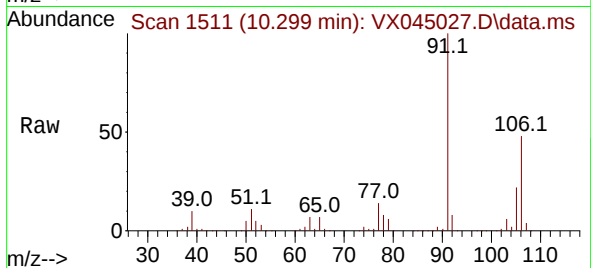
ClientSampleId :

Tgt Ion:106 Resp: 102573

Ion Ratio Lower Upper

106 100

91 206.6 163.7 245.5



#68

o-Xylene

Concen: 19.470 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX045027.D

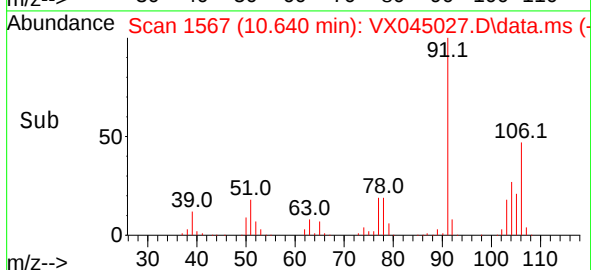
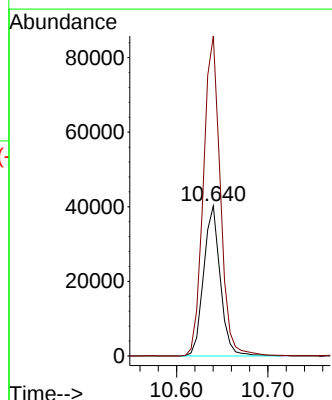
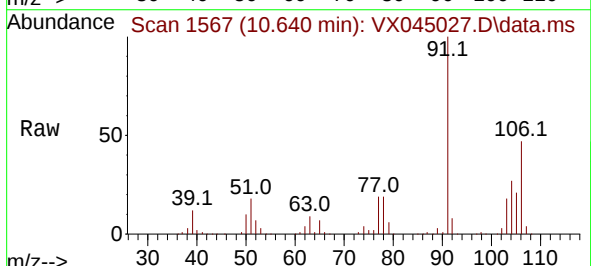
Acq: 24 Feb 2025 16:40

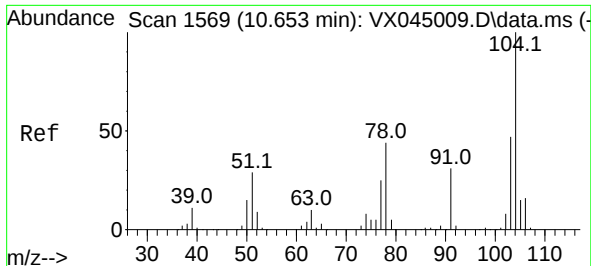
Tgt Ion:106 Resp: 50850

Ion Ratio Lower Upper

106 100

91 217.6 109.7 329.1





#69

Styrene

Concen: 19.319 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

ClientSampleId :

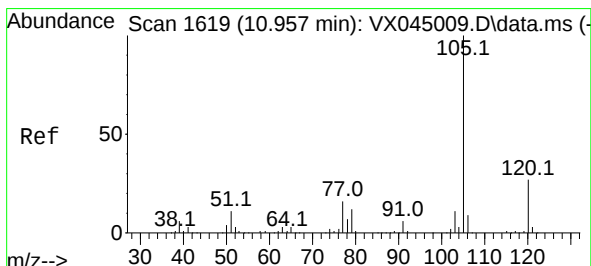
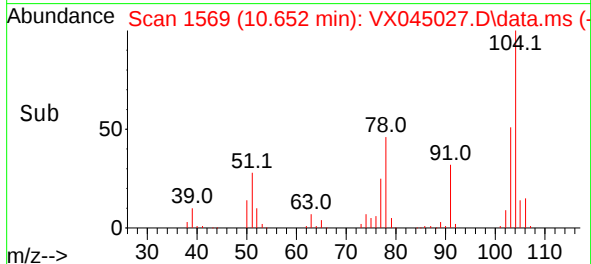
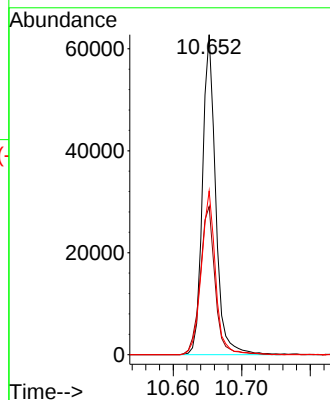
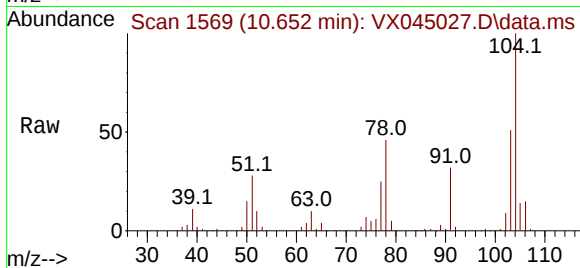
Tgt Ion:104 Resp: 84269

Ion Ratio Lower Upper

104 100

78 52.2 41.4 62.0

103 55.1 43.0 64.4



#70

Isopropylbenzene

Concen: 19.331 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX045027.D

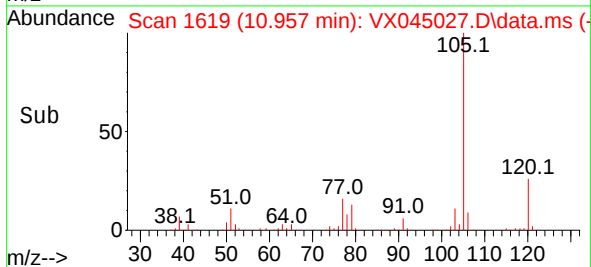
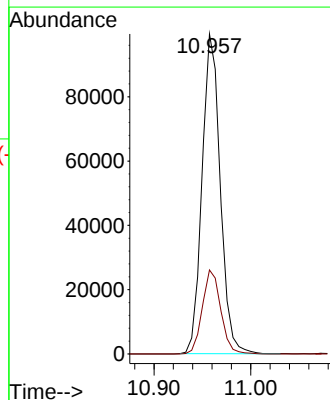
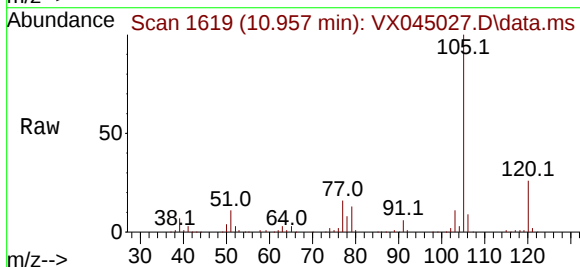
Acq: 24 Feb 2025 16:40

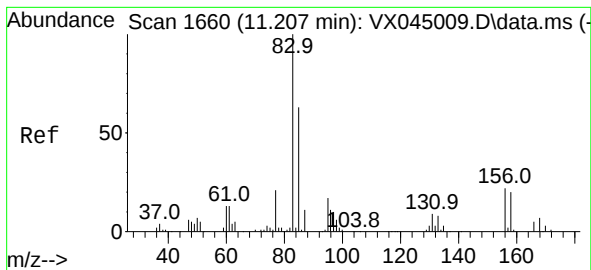
Tgt Ion:105 Resp: 130285

Ion Ratio Lower Upper

105 100

120 26.6 18.4 34.2

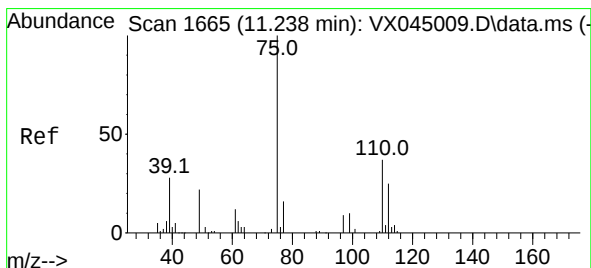
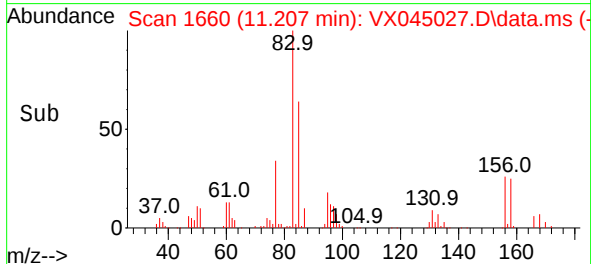
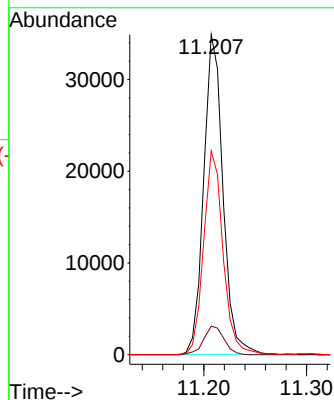
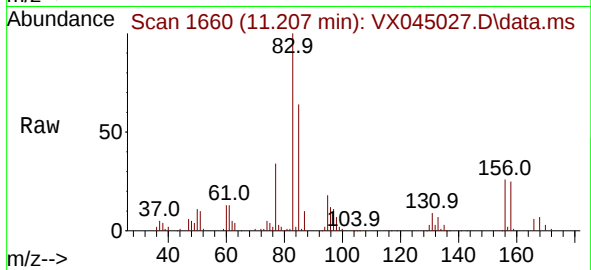




#71
1,1,2,2-Tetrachloroethane
Concen: 20.565 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

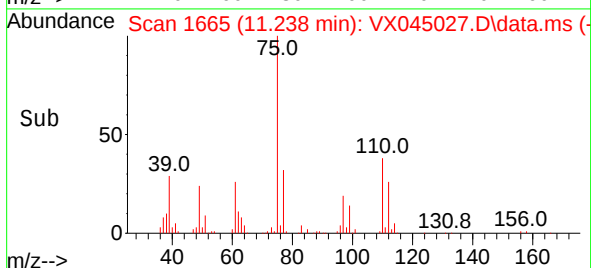
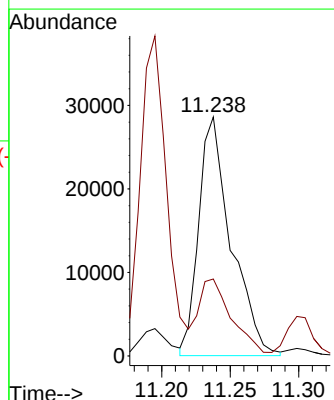
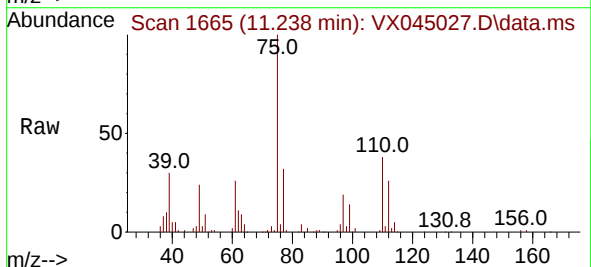
Instrument :
MSVOA_X
ClientSampleId :

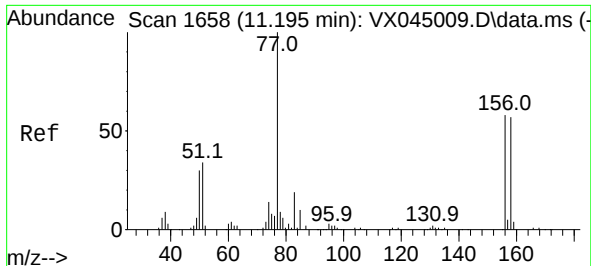
Tgt Ion: 83 Resp: 45578
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.3
85 63.5 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 25.837 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

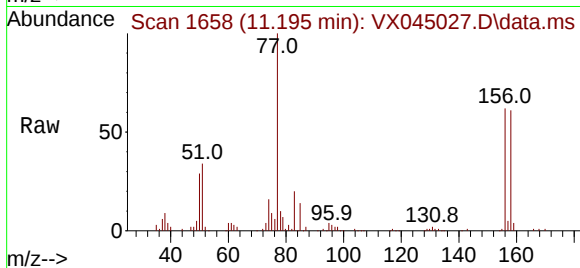
Tgt Ion: 75 Resp: 47098
Ion Ratio Lower Upper
75 100
77 33.4 0.0 84.0



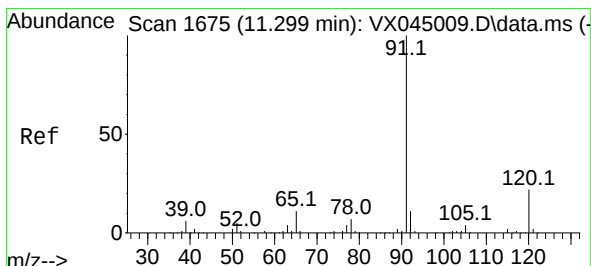
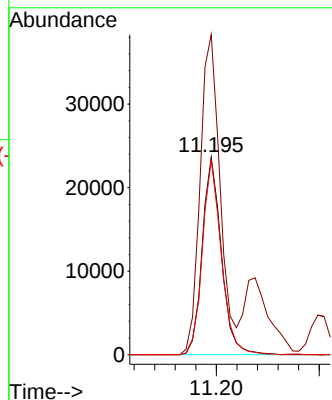
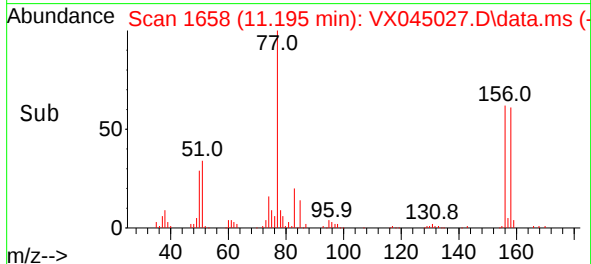


#73
Bromobenzene
Concen: 19.720 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

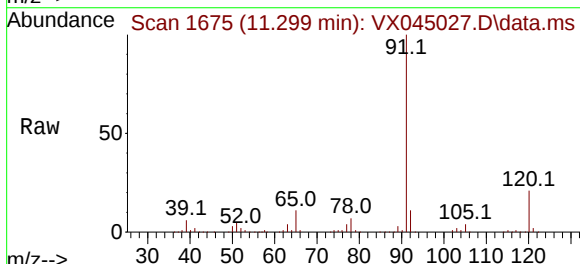
Instrument :
MSVOA_X
ClientSampleId :



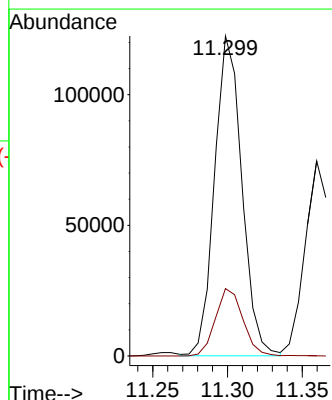
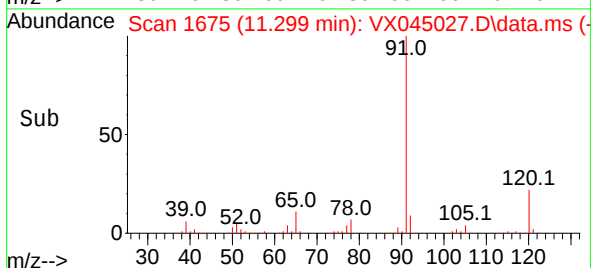
Tgt Ion:156 Resp: 30597
Ion Ratio Lower Upper
156 100
77 169.1 0.0 347.2
158 97.8 0.0 197.6

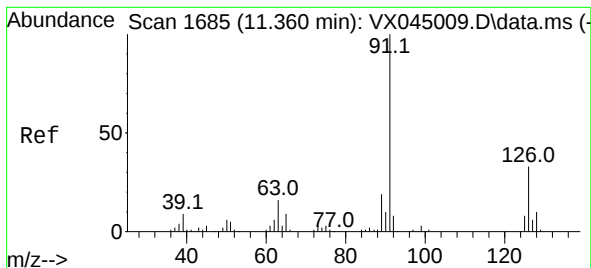


#74
n-propylbenzene
Concen: 19.393 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40



Tgt Ion: 91 Resp: 155539
Ion Ratio Lower Upper
91 100
120 21.2 0.0 44.2





#75

2-Chlorotoluene

Concen: 19.633 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

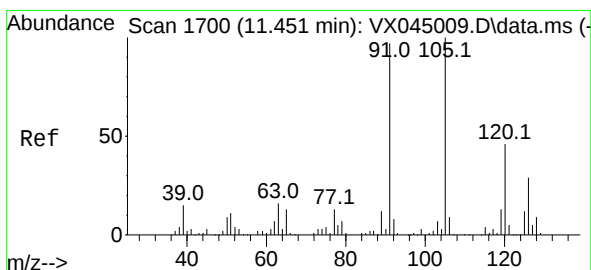
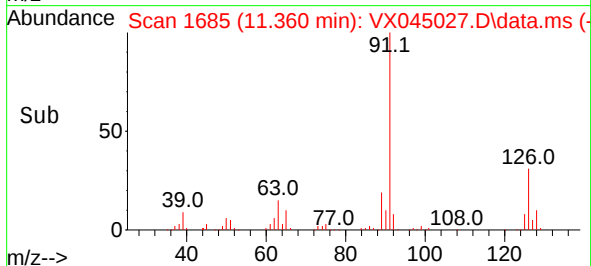
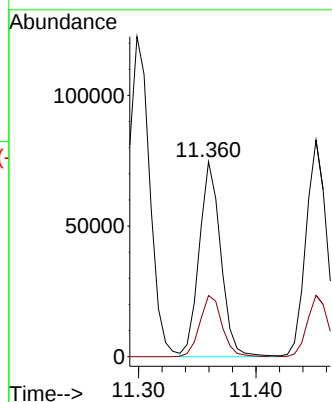
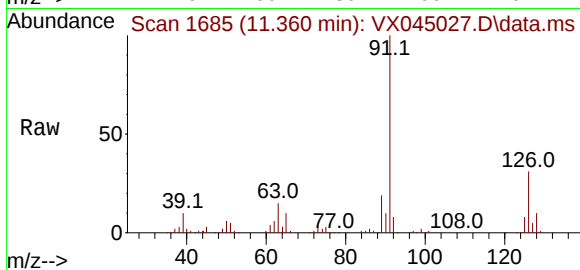
ClientSampleId :

Tgt Ion: 91 Resp: 95197

Ion Ratio Lower Upper

91 100

126 32.3 0.0 65.4



#76

1,3,5-Trimethylbenzene

Concen: 19.749 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX045027.D

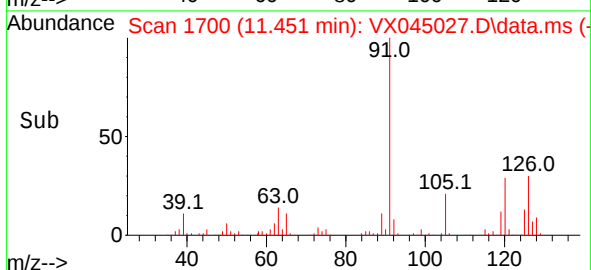
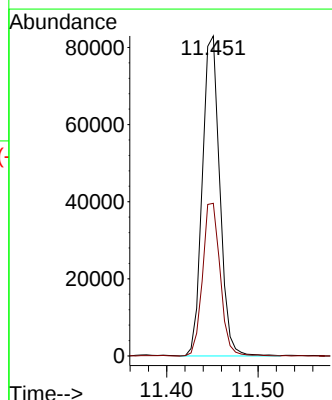
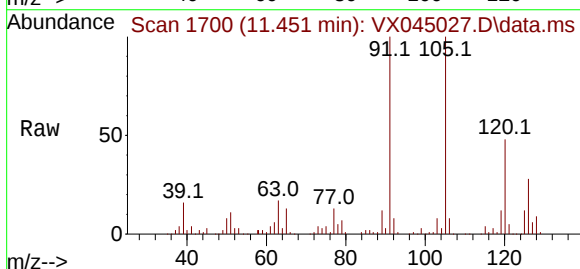
Acq: 24 Feb 2025 16:40

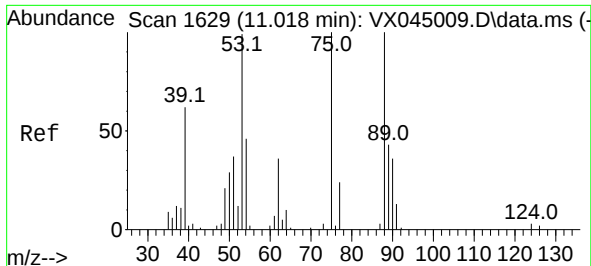
Tgt Ion:105 Resp: 109806

Ion Ratio Lower Upper

105 100

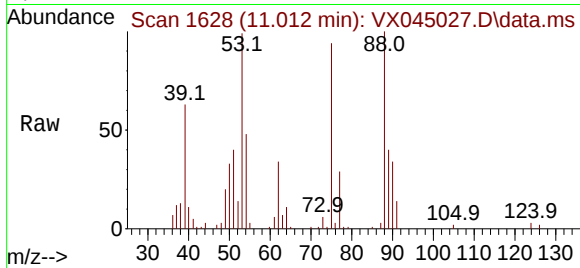
120 48.0 0.0 94.4



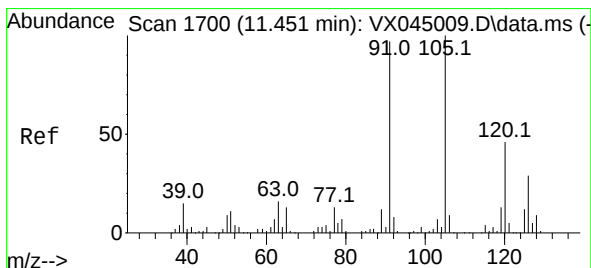
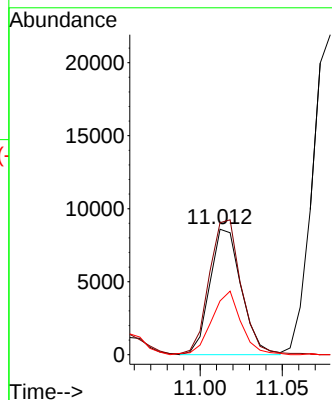
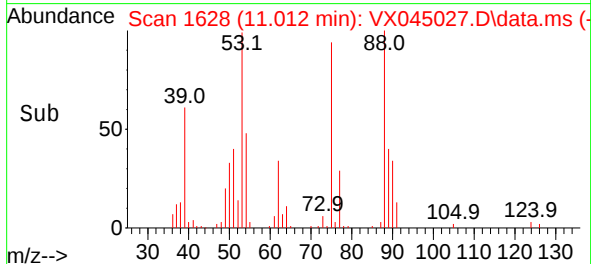


#77
t-1,4-Dichloro-2-butene
Concen: 18.727 ug/l
RT: 11.012 min Scan# 11485
Delta R.T. -0.006 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

Instrument :
MSVOA_X
ClientSampleId :

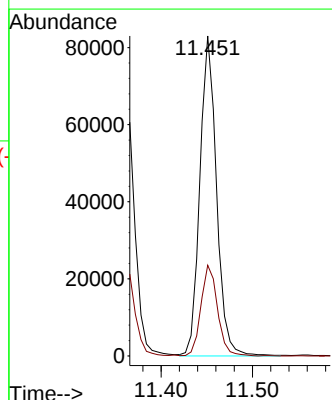
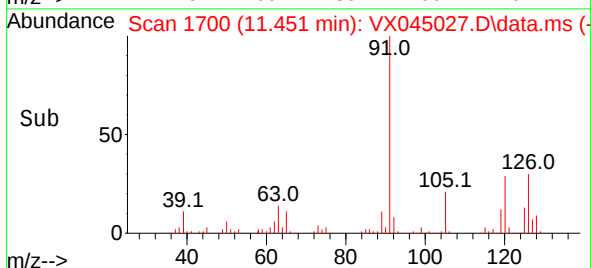
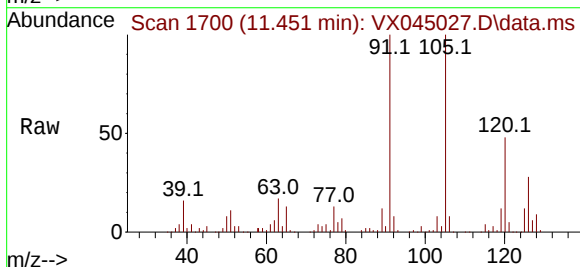


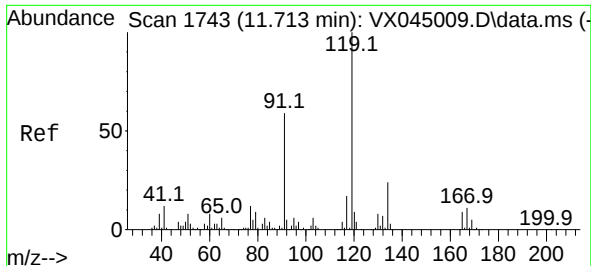
Tgt Ion	Ratio	Lower	Upper
75	100		
53	104.3	49.8	149.4
89	41.8	21.4	64.2



#78
4-Chlorotoluene
Concen: 19.455 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.1	0.0	58.0





#79

tert-butylbenzene

Concen: 19.837 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

ClientSampleId :

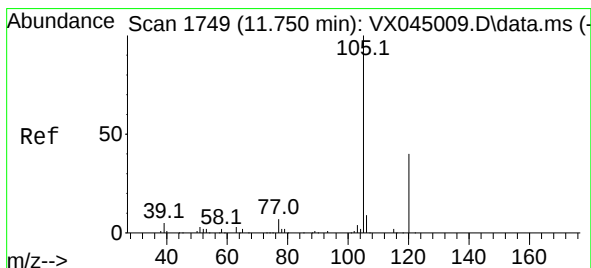
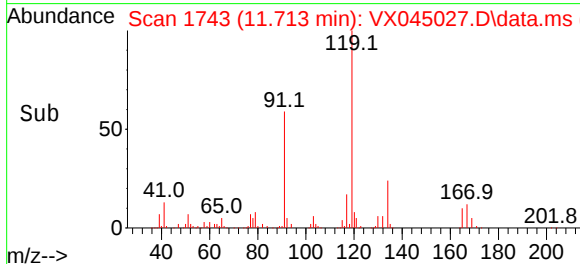
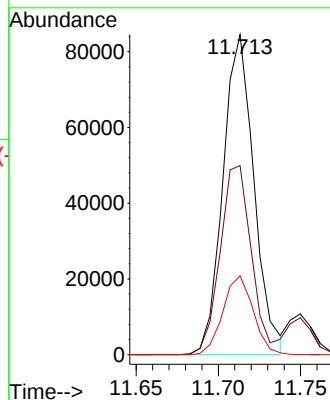
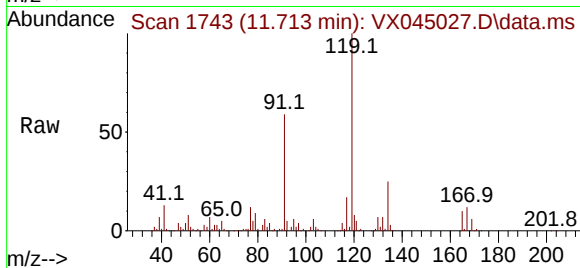
Tgt Ion:119 Resp: 111133

Ion Ratio Lower Upper

119 100

91 58.9 0.0 120.6

134 24.1 0.0 48.2



#80

1,2,4-Trimethylbenzene

Concen: 19.444 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX045027.D

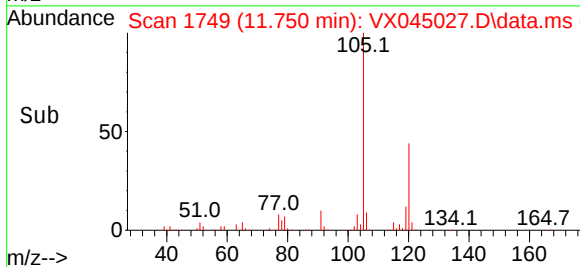
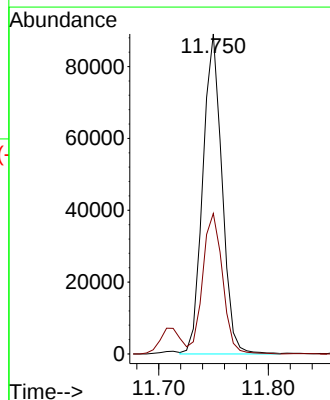
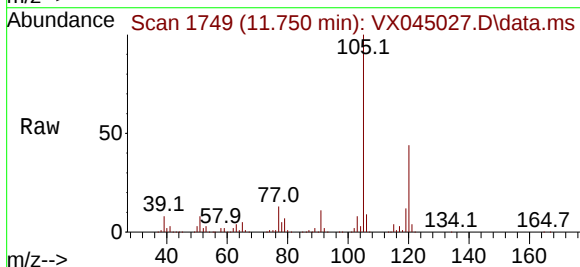
Acq: 24 Feb 2025 16:40

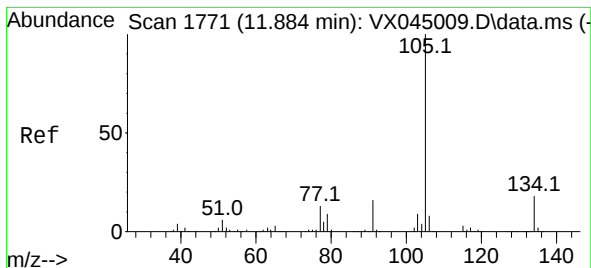
Tgt Ion:105 Resp: 108297

Ion Ratio Lower Upper

105 100

120 45.5 0.0 88.4

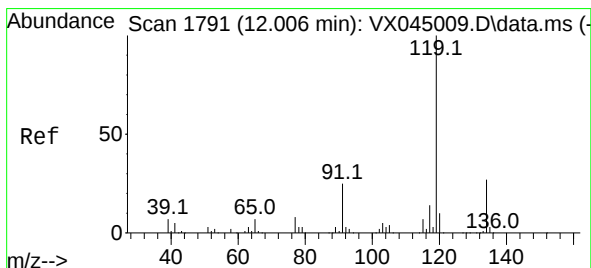
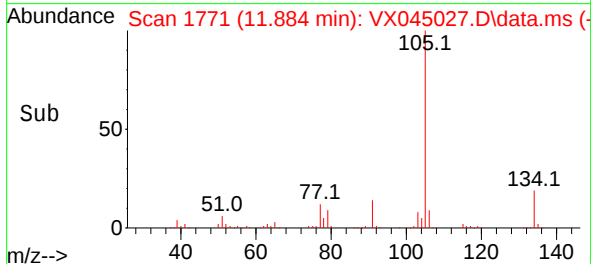
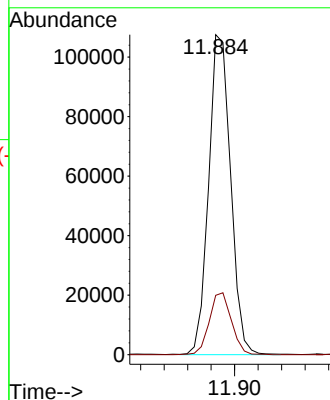
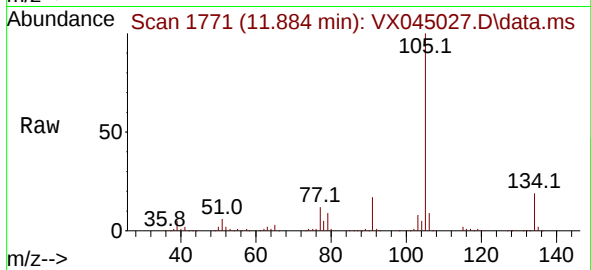




#81
 sec-Butylbenzene
 Concen: 19.898 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.000 min
 Lab File: VX045027.D
 Acq: 24 Feb 2025 16:40

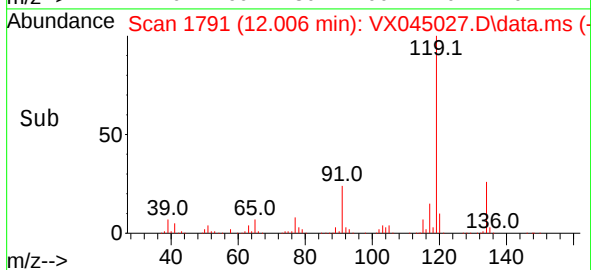
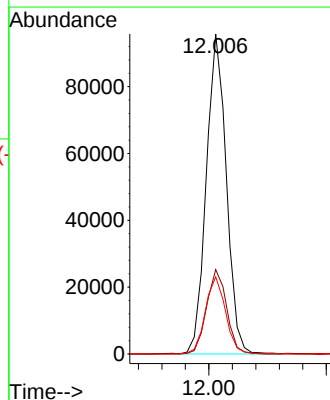
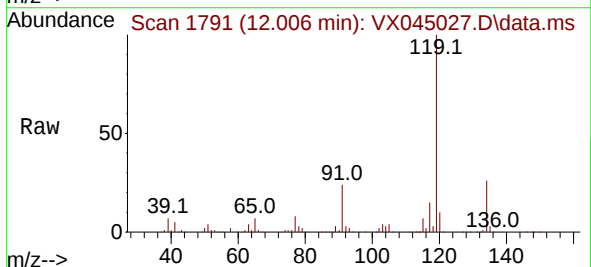
Instrument :
 MSVOA_X
 ClientSampleId :

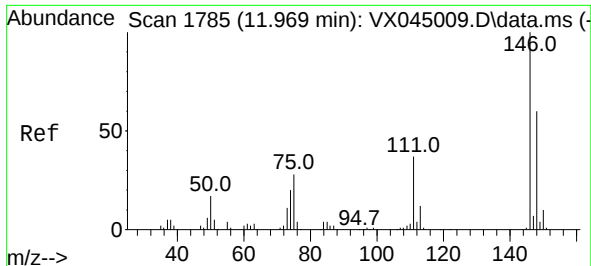
Tgt Ion:105 Resp: 139903
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 19.919 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045027.D
 Acq: 24 Feb 2025 16:40

Tgt Ion:119 Resp: 113477
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.6
 91 24.3 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 19.442 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

ClientSampleId :

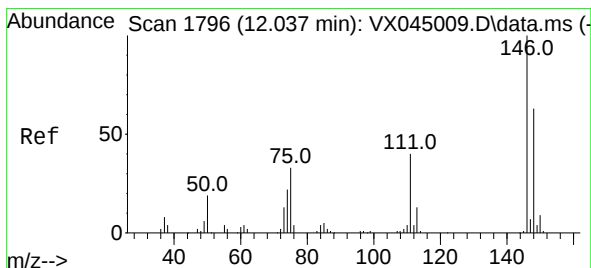
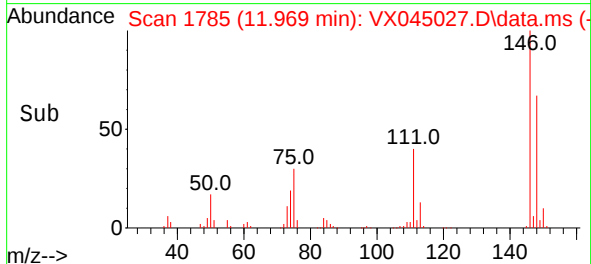
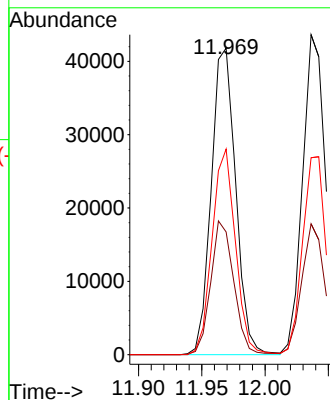
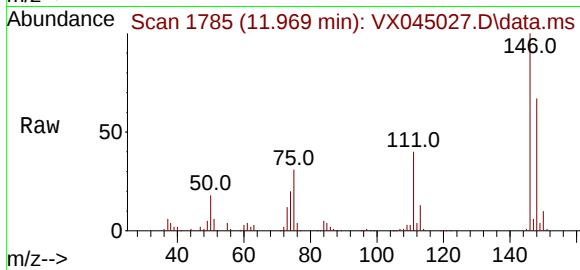
Tgt Ion:146 Resp: 56124

Ion Ratio Lower Upper

146 100

111 41.3 20.2 60.5

148 64.3 31.2 93.6



#84

1,4-Dichlorobenzene

Concen: 19.886 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

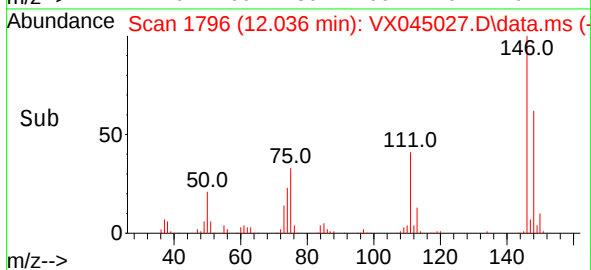
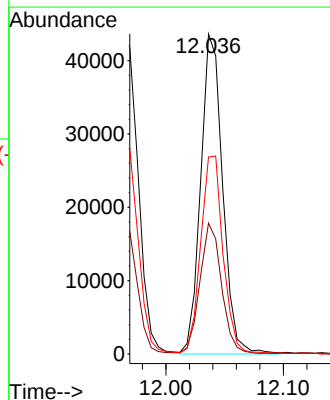
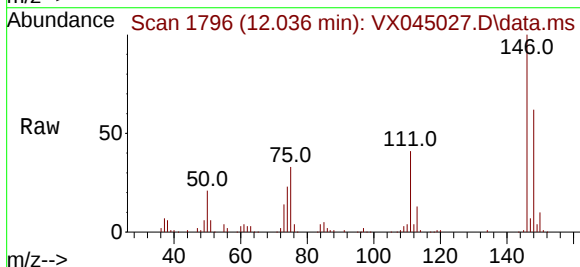
Tgt Ion:146 Resp: 56601

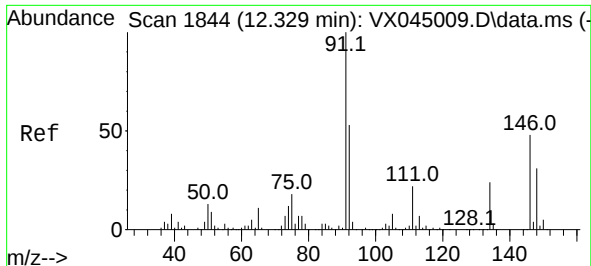
Ion Ratio Lower Upper

146 100

111 40.4 20.4 61.2

148 63.6 31.8 95.4





#85

n-Butylbenzene

Concen: 19.032 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

ClientSampleId :

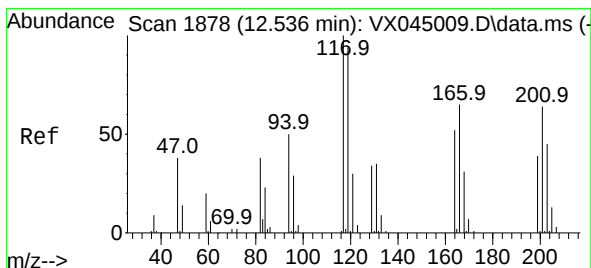
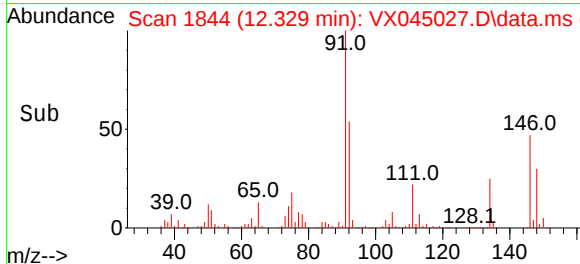
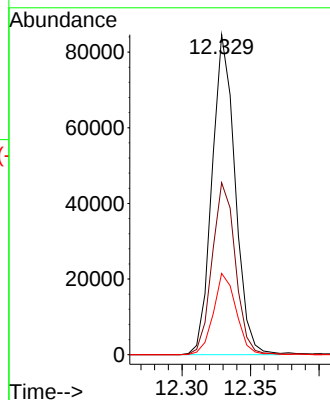
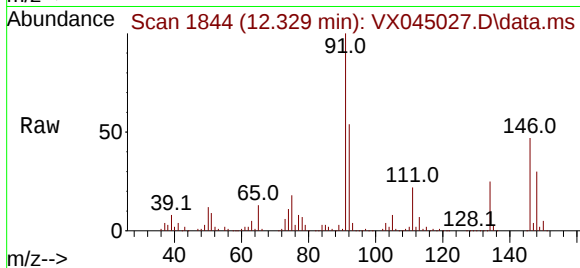
Tgt Ion: 91 Resp: 99008

Ion Ratio Lower Upper

91 100

92 54.1 0.0 105.2

134 25.2 0.0 49.4



#86

Hexachloroethane

Concen: 19.465 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045027.D

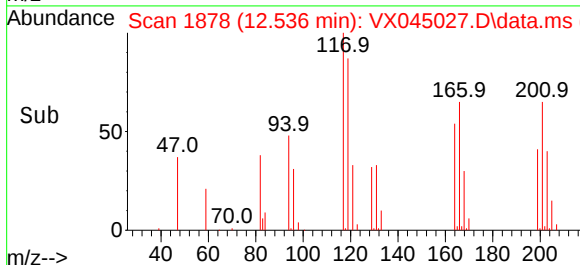
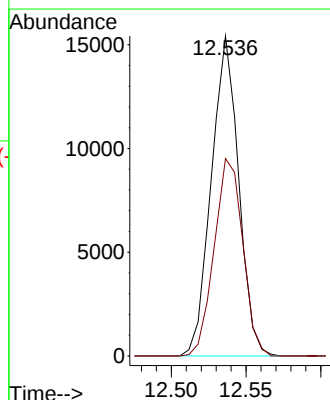
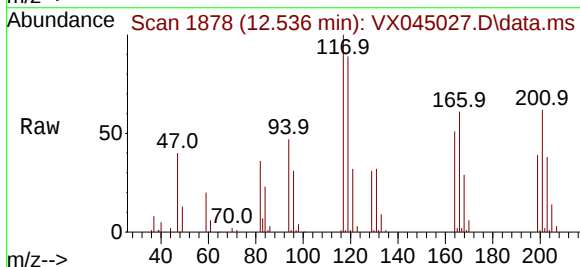
Acq: 24 Feb 2025 16:40

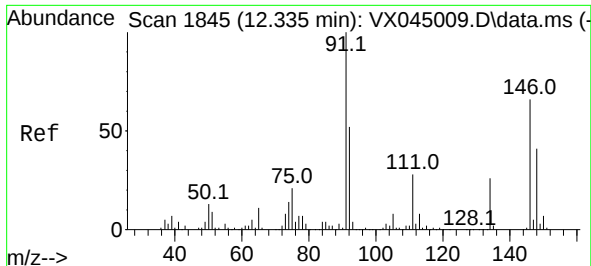
Tgt Ion: 117 Resp: 19557

Ion Ratio Lower Upper

117 100

201 64.7 32.6 97.7

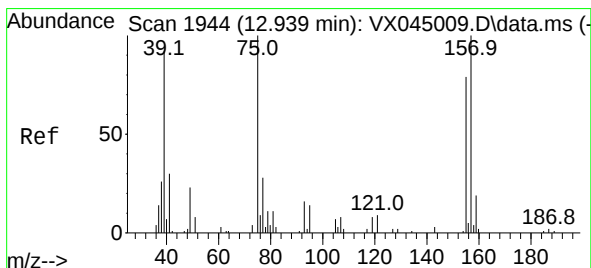
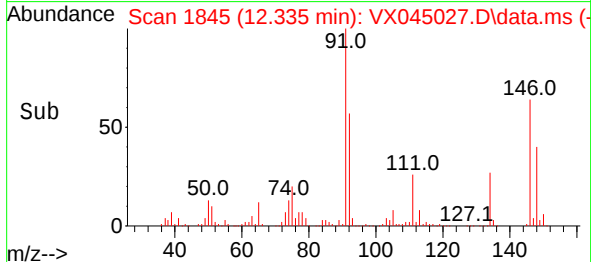
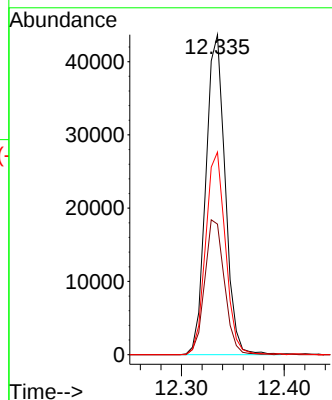
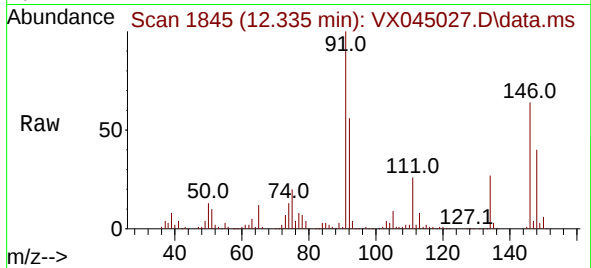




#87
1,2-Dichlorobenzene
Concen: 20.140 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

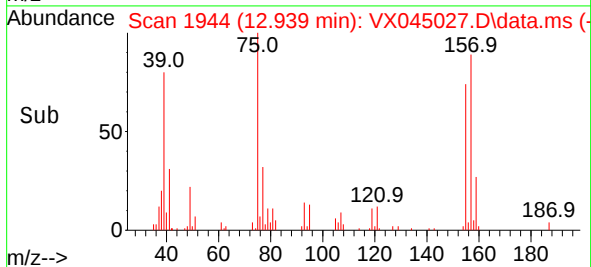
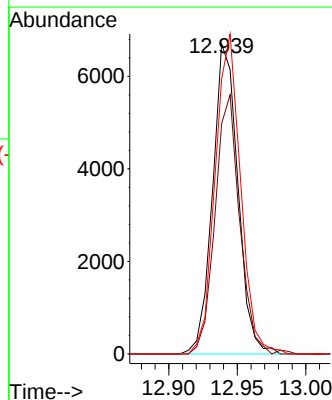
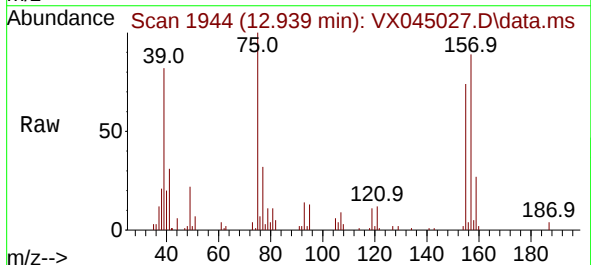
Instrument :
MSVOA_X
ClientSampleId :

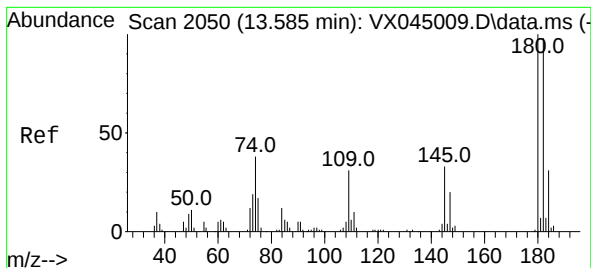
Tgt Ion:146 Resp: 57047
Ion Ratio Lower Upper
146 100
111 43.1 21.7 65.1
148 64.9 31.8 95.4



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.007 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

Tgt Ion: 75 Resp: 8585
Ion Ratio Lower Upper
75 100
155 81.0 66.2 99.4
157 103.7 81.4 122.2





#89

1,2,4-Trichlorobenzene

Concen: 18.952 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

Instrument :

MSVOA_X

ClientSampleId :

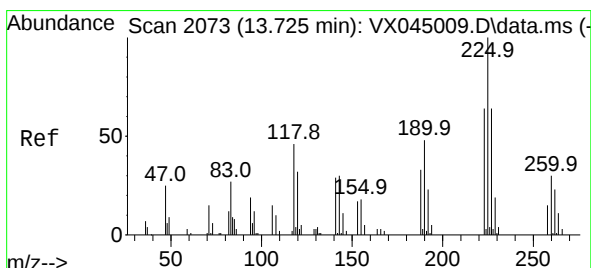
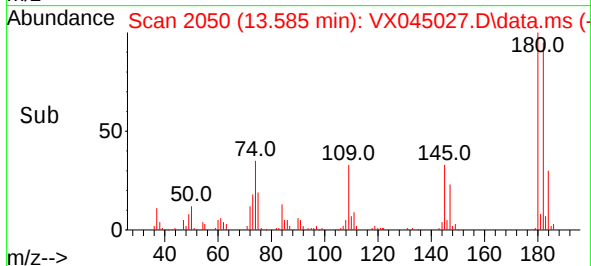
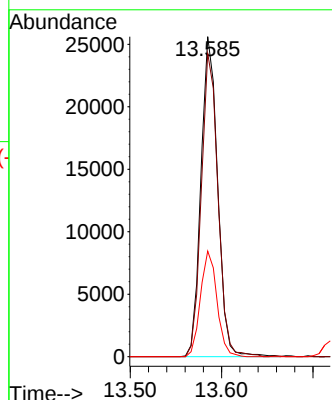
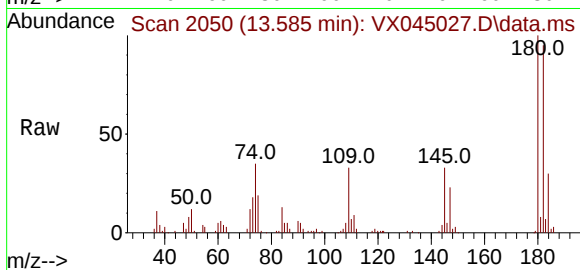
Tgt Ion:180 Resp: 32535

Ion Ratio Lower Upper

180 100

182 94.2 77.7 116.5

145 32.6 25.8 38.6



#90

Hexachlorobutadiene

Concen: 19.213 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX045027.D

Acq: 24 Feb 2025 16:40

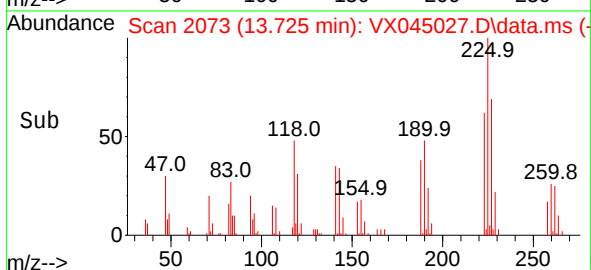
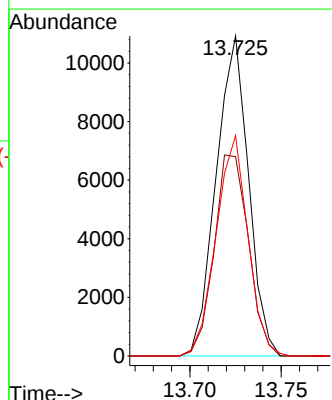
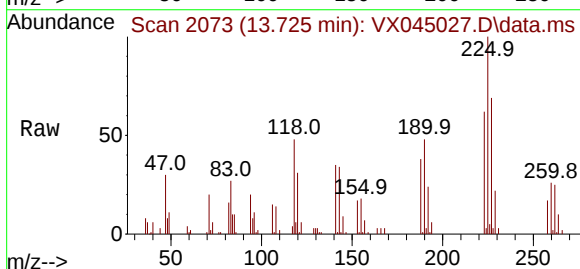
Tgt Ion:225 Resp: 13451

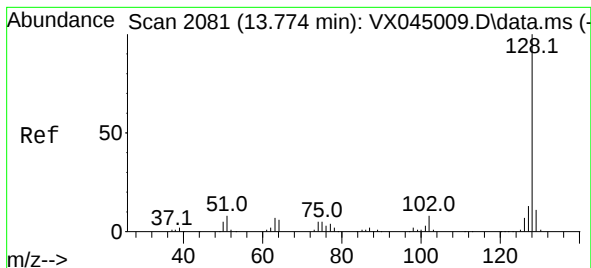
Ion Ratio Lower Upper

225 100

223 66.6 0.0 123.4

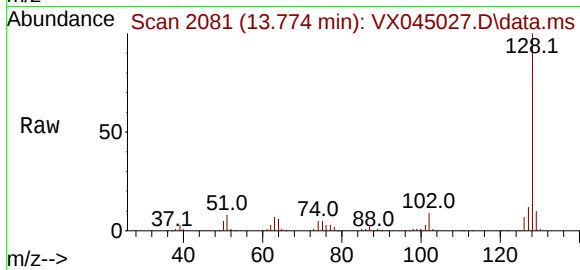
227 67.9 0.0 127.4



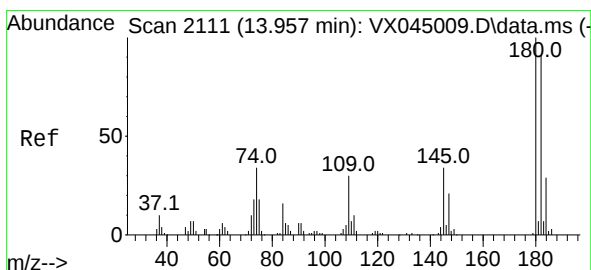
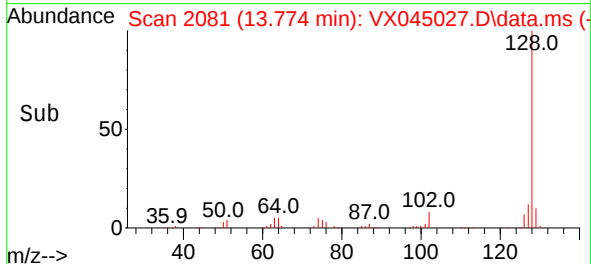
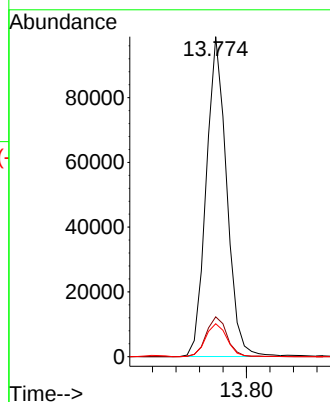


#91
Naphthalene
Concen: 19.629 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 118821
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 11.0 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 18.644 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045027.D
Acq: 24 Feb 2025 16:40

Tgt Ion:180 Resp: 32951
Ion Ratio Lower Upper
180 100
182 95.7 0.0 186.6
145 33.3 0.0 68.4

