

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022625\
 Data File : VX045044.D
 Acq On : 26 Feb 2025 10:05
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Feb 27 05:09:55 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	19230	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	102945	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	95036	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	55370	29.646	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.833%
60) 4-Bromofluorobenzene	11.079	95	51813	29.168	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.233%
63) Toluene-d8	8.641	98	158959	30.234	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.767%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31462	19.408	ug/l	99
3) Chloromethane	1.307	50	34040	17.532	ug/l	98
4) Vinyl Chloride	1.374	62	34434	18.379	ug/l	99
5) Bromomethane	1.593	94	13734	21.059	ug/l	95
6) Chloroethane	1.666	64	19019	18.743	ug/l	90
7) Trichlorofluoromethane	1.874	101	49435	19.632	ug/l	94
8) Diethyl Ether	2.130	74	17965	18.856	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	28198	18.855	ug/l	99
10) 1,1-Dichloroethene	2.306	96	27377	18.741	ug/l	87
11) Methyl Iodide	2.441	142	28925	17.495	ug/l	96
12) Methyl Acetate	2.697	43	37181	21.918	ug/l	97
13) Acrolein	2.233	56	44256	130.158	ug/l	98
14) Acrylonitrile	3.062	53	85687	103.413	ug/l	99
15) Acetone	2.380	58	25551	112.437	ug/l	98
16) Carbon Disulfide	2.502	76	73537	17.747	ug/l	99
17) Allyl chloride	2.654	41	51459	18.834	ug/l	98
18) Methylene Chloride	2.782	84	30781	18.734	ug/l	95
19) trans-1,2-Dichloroethene	3.081	96	27485	18.597	ug/l	97
20) Diisopropyl ether	3.757	45	99862	19.020	ug/l	88
21) 1,1-Dichloroethane	3.599	63	54908	18.804	ug/l	98
22) cis-1,2-Dichloroethene	4.477	96	33612	18.979	ug/l	99
23) tert-Butyl Alcohol	2.971	59	27816	96.162	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	90352	18.950	ug/l	100
25) Chloroform	5.080	83	55342	19.622	ug/l	94
26) Cyclohexane	5.458	56	49397	18.327	ug/l #	97
29) 1,1-Dichloropropene	5.684	75	36670	19.364	ug/l	99
30) 2-Butanone	4.550	43	121667	111.235	ug/l	99
31) 2,2-Dichloropropane	4.465	77	40695	19.005	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	45638	19.891	ug/l	98
33) Carbon Tetrachloride	5.666	117	38939	20.109	ug/l	98
34) Benzene	6.031	78	117417	19.772	ug/l	98
35) Methacrylonitrile	4.916	41	25005	21.363	ug/l	95
36) 1,2-Dichloroethane	6.080	62	41224	20.276	ug/l	98
37) Trichloroethene	7.117	130	27352	19.687	ug/l	96
38) Methylcyclohexane	7.373	83	49126	19.321	ug/l	98
39) 1,2-Dichloropropane	7.421	63	28774	19.489	ug/l	98
40) Dibromomethane	7.580	93	21468	20.263	ug/l	98
41) Bromodichloromethane	7.818	83	42398	20.135	ug/l	96
42) Vinyl Acetate	3.715	43	415494	97.890	ug/l	100

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Quant Time: Feb 27 05:09:55 2025
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	41236	20.103	ug/l	# 81
44) Isopropyl Acetate	6.336	43	69278	20.521	ug/l	98
45) 1,4-Dioxane	7.659	88	14555	414.728	ug/l	97
46) Methyl methacrylate	7.690	41	33818	20.429	ug/l	98
47) n-amyl Acetate	10.842	43	54130	18.477	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	37126	18.292	ug/l	97
49) cis-1,3-Dichloropropene	8.360	75	44780	19.490	ug/l	96
50) 1,1,2-Trichloroethane	9.147	97	28405	20.554	ug/l	94
51) Ethyl methacrylate	9.110	69	41117	18.918	ug/l	99
52) 1,3-Dichloropropane	9.305	76	49436	20.416	ug/l	98
53) Dibromochloromethane	9.519	129	30769	20.131	ug/l	96
54) 1,2-Dibromoethane	9.604	107	28746	20.485	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	97607	87.452	ug/l	99
56) Bromoform	10.799	173	19184	20.030	ug/l	100
58) 4-Methyl-2-Pentanone	8.568	43	231515	107.090	ug/l	99
59) 2-Hexanone	9.427	43	163605	104.699	ug/l	100
61) Tetrachloroethene	9.269	164	23592	20.159	ug/l	96
62) Toluene	8.714	91	125287	19.901	ug/l	100
64) Chlorobenzene	10.073	112	77755	19.931	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	25296	19.651	ug/l	99
66) Ethyl Benzene	10.189	91	135083	19.599	ug/l	98
67) m/p-Xylenes	10.299	106	102314	39.842	ug/l	99
68) o-Xylene	10.640	106	50250	19.944	ug/l	98
69) Styrene	10.653	104	83136	19.756	ug/l	98
70) Isopropylbenzene	10.957	105	129729	19.952	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	42766	20.002	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	44351	25.220	ug/l	86
73) Bromobenzene	11.195	156	29403	19.643	ug/l	100
74) n-propylbenzene	11.299	91	149615	19.336	ug/l	99
75) 2-Chlorotoluene	11.360	91	90923	19.437	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	106138	19.787	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	10999	18.590	ug/l	92
78) 4-Chlorotoluene	11.451	91	100745	19.320	ug/l	100
79) tert-butylbenzene	11.713	119	107314	19.856	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	104704	19.486	ug/l	98
81) sec-Butylbenzene	11.890	105	132184	19.487	ug/l	99
82) p-Isopropyltoluene	12.006	119	106300	19.341	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	51967	18.660	ug/l	97
84) 1,4-Dichlorobenzene	12.036	146	52050	18.955	ug/l	98
85) n-Butylbenzene	12.329	91	93367	18.603	ug/l	98
86) Hexachloroethane	12.536	117	18705	19.298	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	52340	19.154	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	7886	19.050	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	30337	18.317	ug/l	96
90) Hexachlorobutadiene	13.725	225	12973	19.208	ug/l	97
91) Naphthalene	13.774	128	108849	18.639	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	31303	18.359	ug/l	99

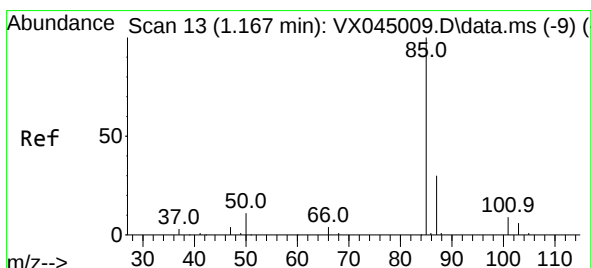
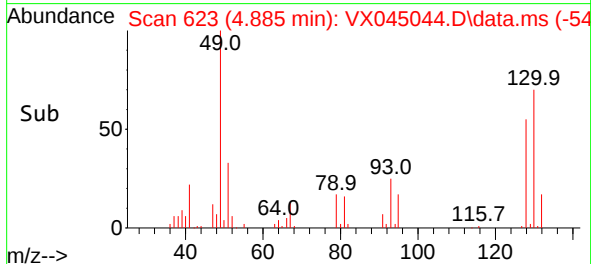
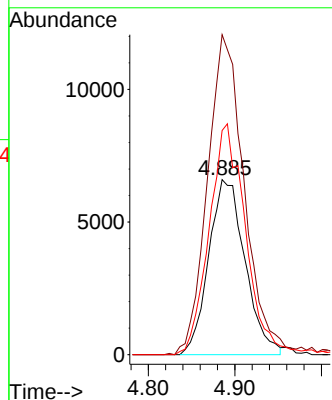
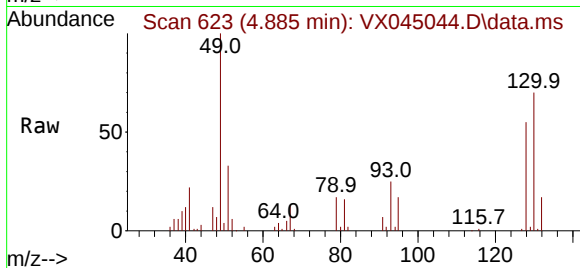
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.885 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VX045044.D
 Acq: 26 Feb 2025 10:05

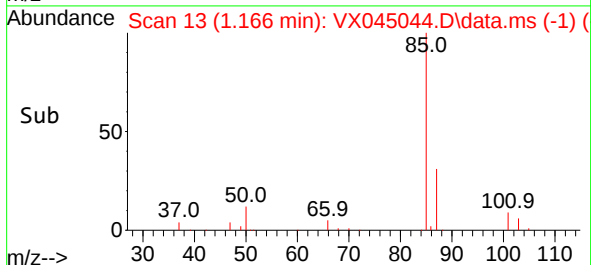
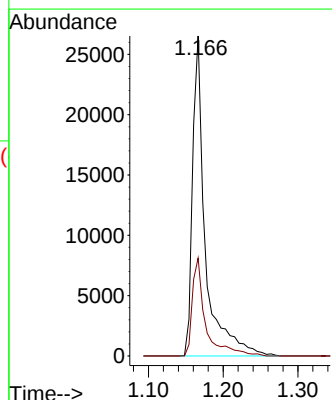
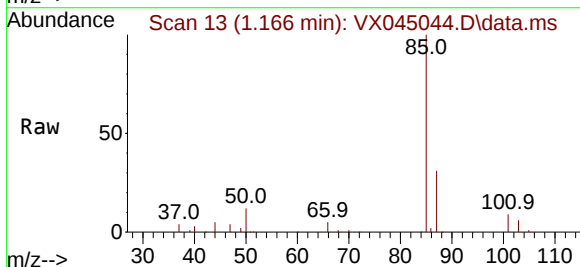
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

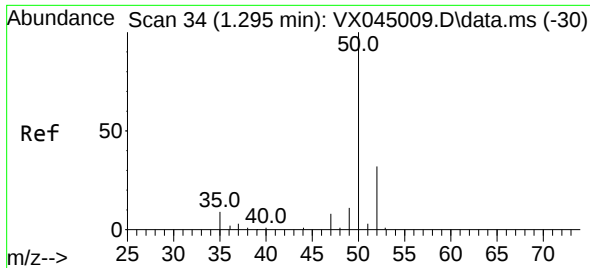
Tgt Ion:	128	Resp:	19230
Ion	Ratio	Lower	Upper
128	100		
49	184.6	0.0	449.7
130	131.7	0.0	312.7



#2
 Dichlorodifluoromethane
 Concen: 19.408 ug/l
 RT: 1.166 min Scan# 13
 Delta R.T. -0.000 min
 Lab File: VX045044.D
 Acq: 26 Feb 2025 10:05

Tgt Ion:	85	Resp:	31462
Ion	Ratio	Lower	Upper
85	100		
87	30.6	15.1	45.3

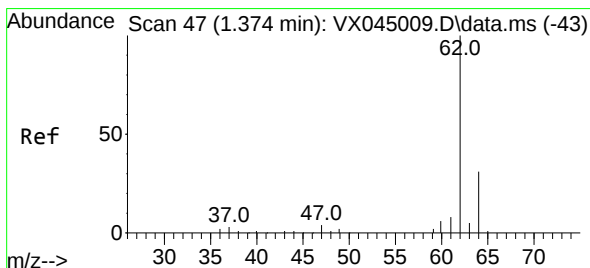
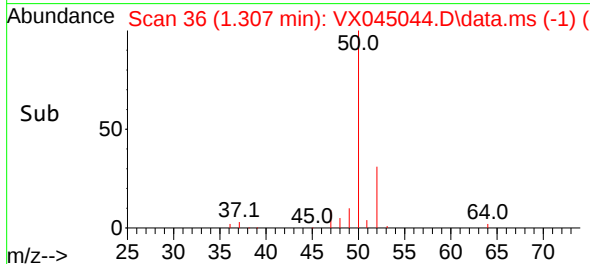
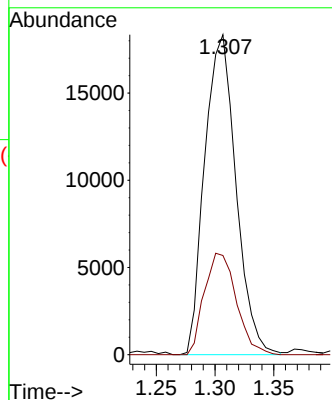
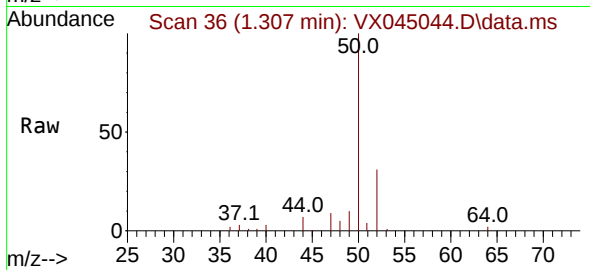




#3
Chloromethane
Concen: 17.532 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.012 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

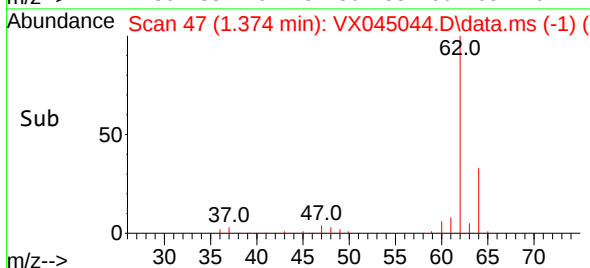
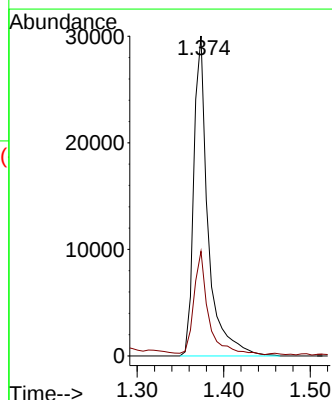
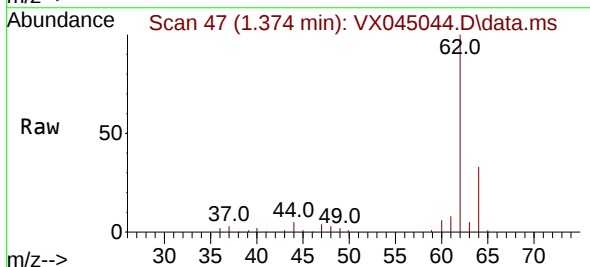
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

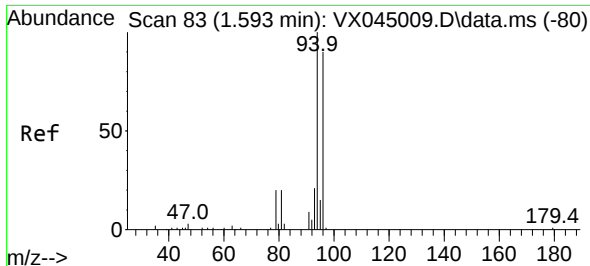
Tgt Ion: 50 Resp: 34040
Ion Ratio Lower Upper
50 100
52 31.0 25.7 38.5



#4
Vinyl Chloride
Concen: 18.379 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 62 Resp: 34434
Ion Ratio Lower Upper
62 100
64 32.1 25.1 37.7

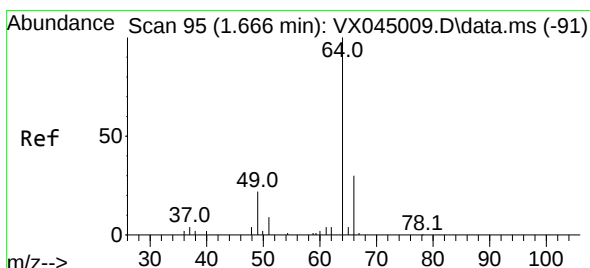
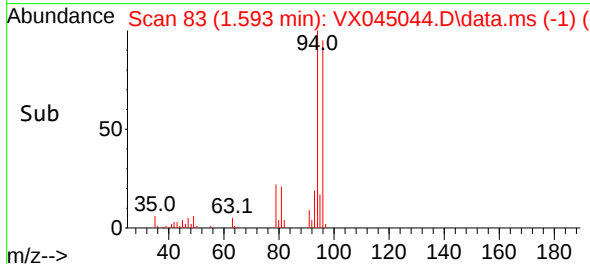
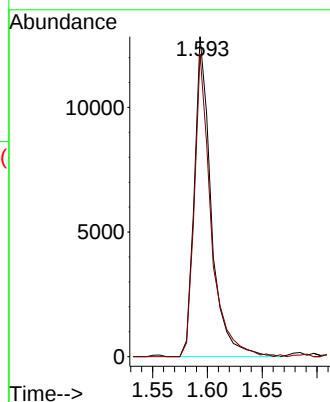
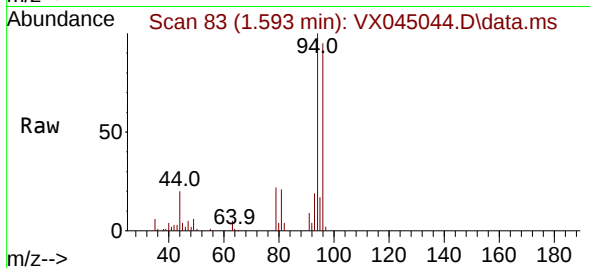




#5
Bromomethane
Concen: 21.059 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

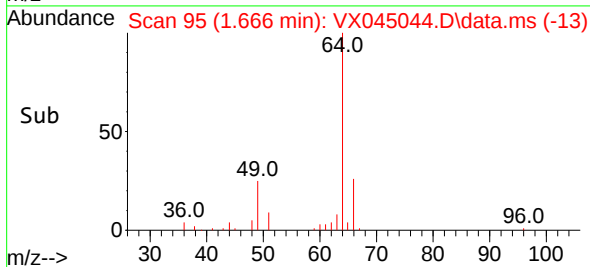
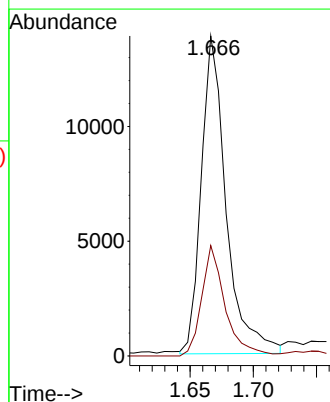
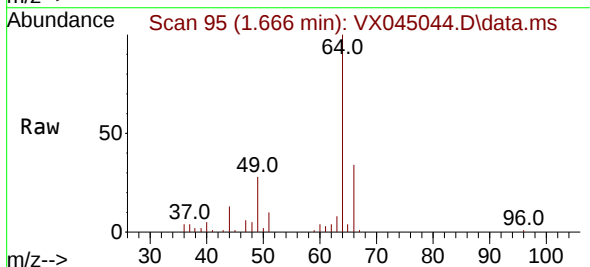
Instrument :
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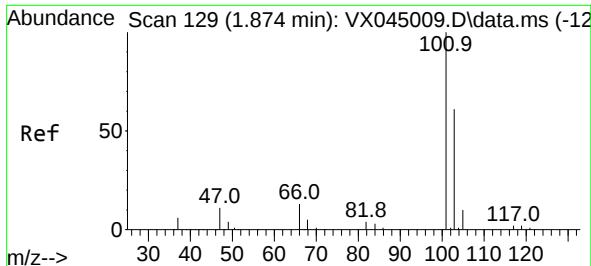
Tgt Ion: 94 Resp: 13734
Ion Ratio Lower Upper
94 100
96 94.6 72.2 108.4



#6
Chloroethane
Concen: 18.743 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 64 Resp: 19019
Ion Ratio Lower Upper
64 100
66 35.0 23.7 35.5

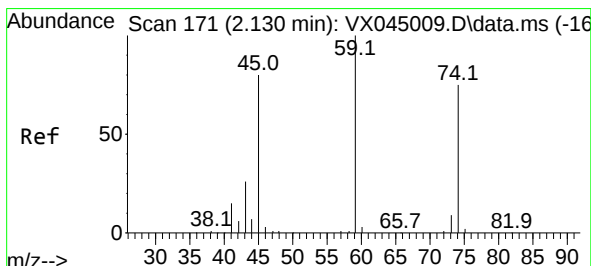
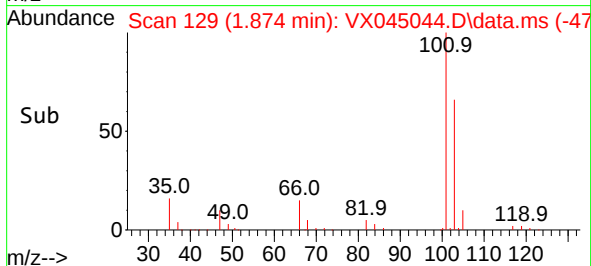
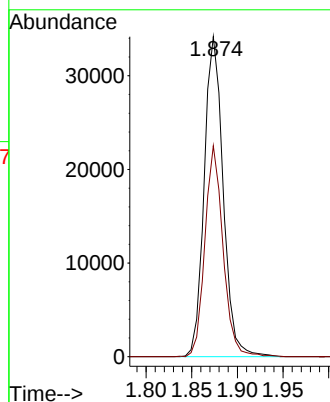
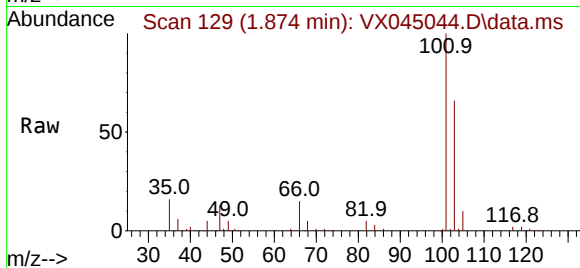




#7
Trichlorofluoromethane
Concen: 19.632 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

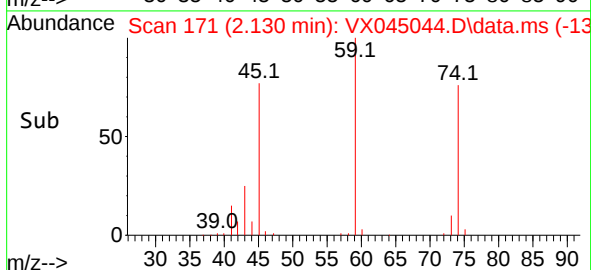
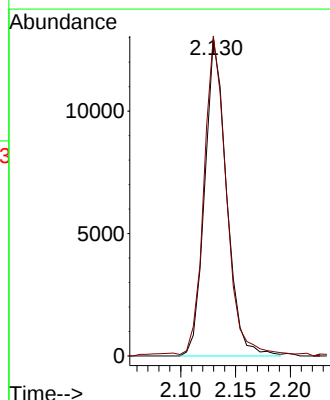
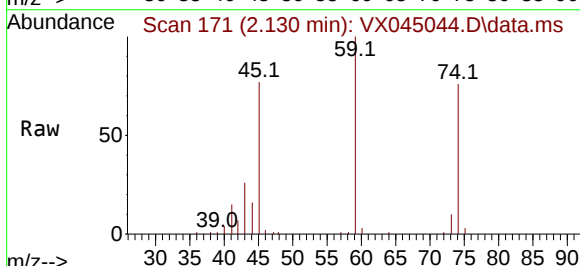
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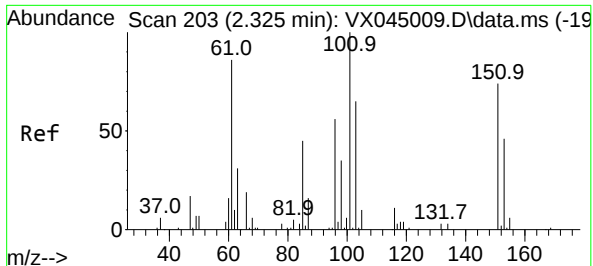
Tgt Ion:101 Resp: 49435
Ion Ratio Lower Upper
101 100
103 65.7 48.8 73.2



#8
Diethyl Ether
Concen: 18.856 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 74 Resp: 17965
Ion Ratio Lower Upper
74 100
45 103.7 20.8 186.8

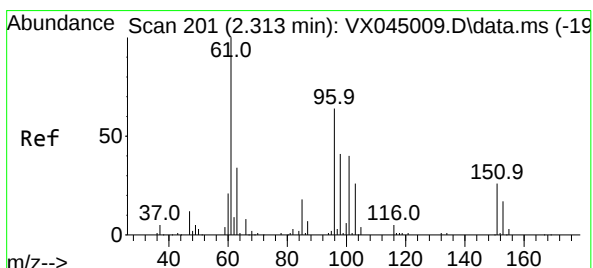
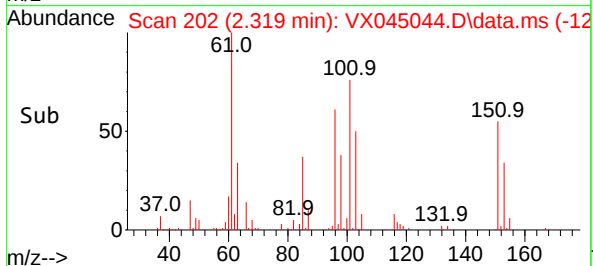
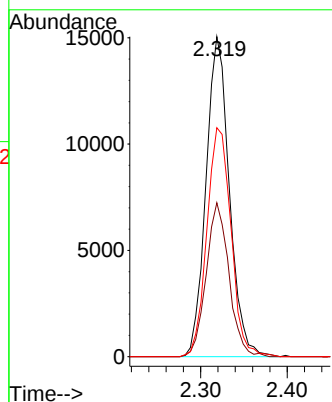
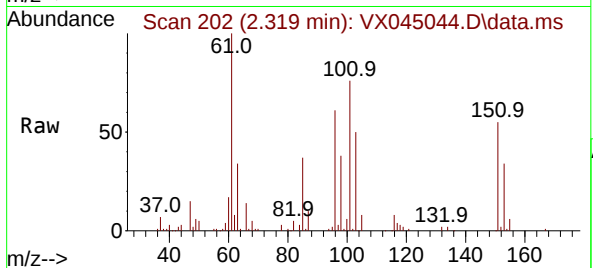




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.855 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

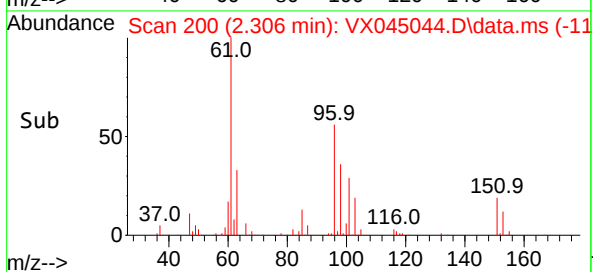
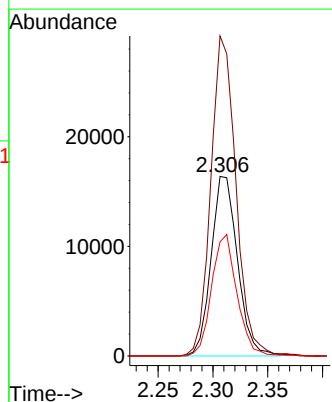
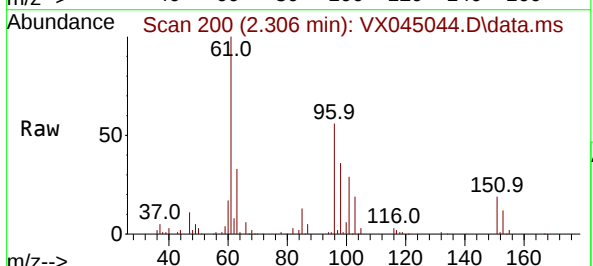
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VSTDCCC020

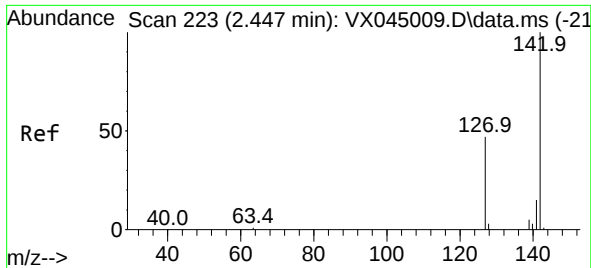
Tgt Ion:101 Resp: 28198
Ion Ratio Lower Upper
101 100
85 46.9 0.0 90.6
151 74.1 0.0 147.6



#10
1,1-Dichloroethene
Concen: 18.741 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 96 Resp: 27377
Ion Ratio Lower Upper
96 100
61 178.3 124.2 186.2
98 63.5 51.1 76.7

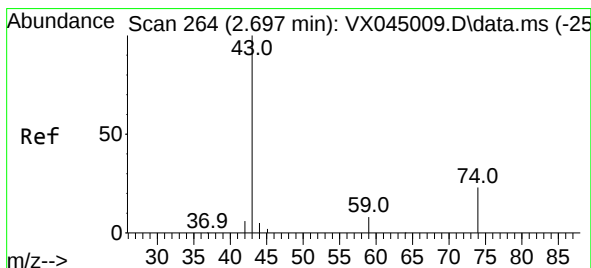
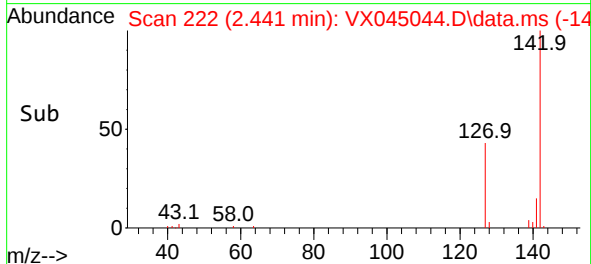
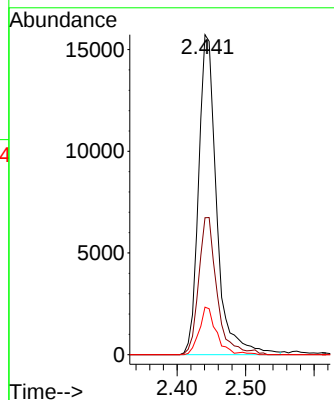
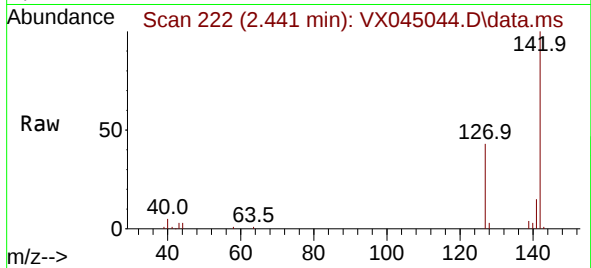




#11
Methyl Iodide
Concen: 17.495 ug/l
RT: 2.441 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

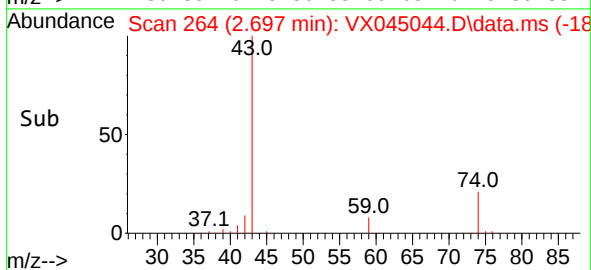
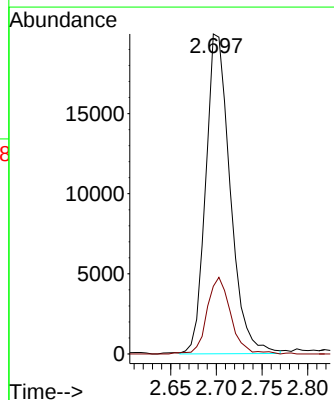
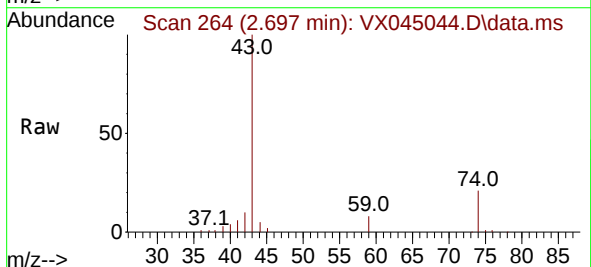
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

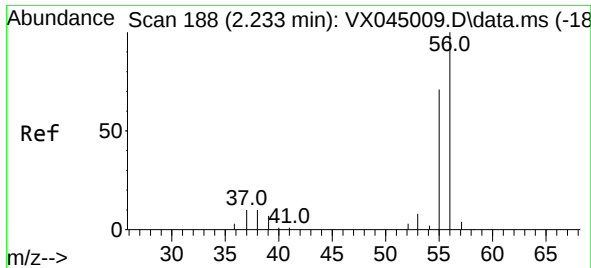
Tgt Ion:142 Resp: 28925
Ion Ratio Lower Upper
142 100
127 43.0 23.3 69.9
141 14.9 7.5 22.6



#12
Methyl Acetate
Concen: 21.918 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 43 Resp: 37181
Ion Ratio Lower Upper
43 100
74 21.1 17.9 26.9

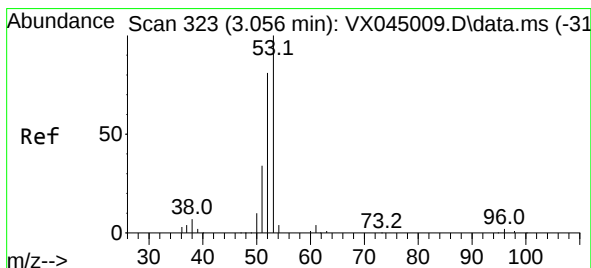
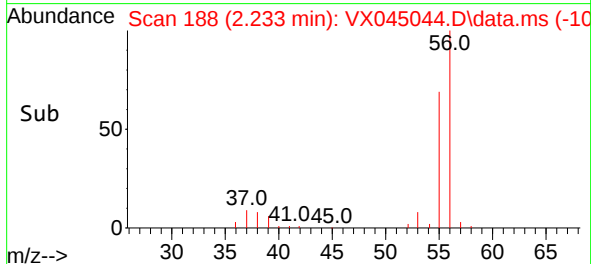
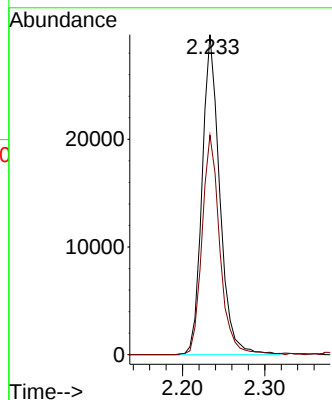
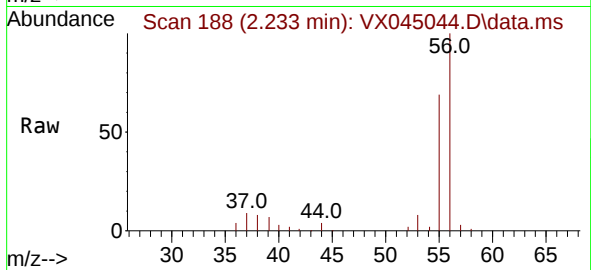




#13
Acrolein
Concen: 130.158 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

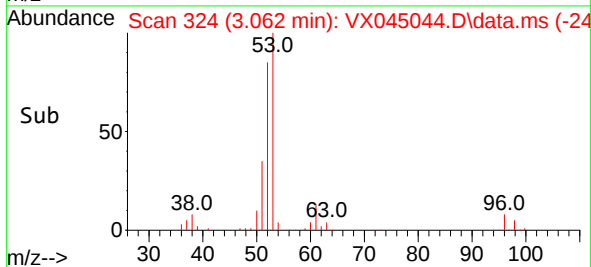
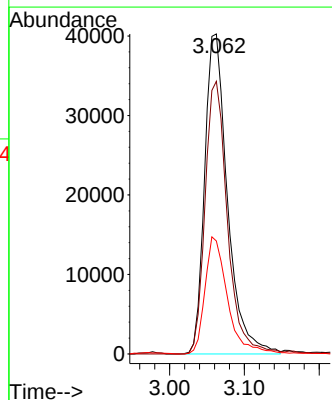
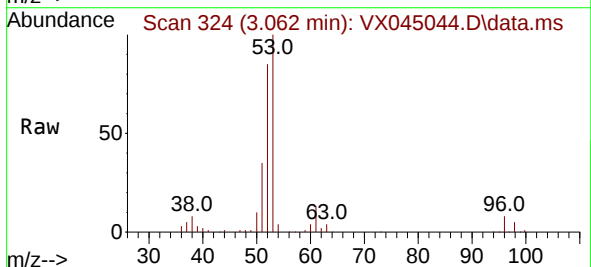
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

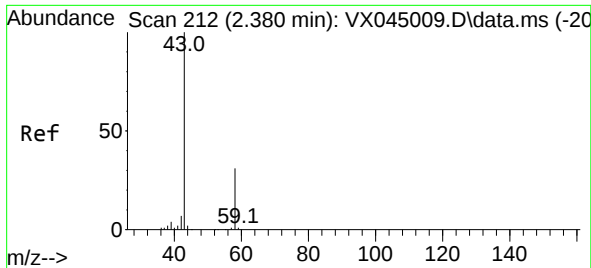
Tgt Ion: 56 Resp: 44256
Ion Ratio Lower Upper
56 100
55 67.5 55.4 83.2



#14
Acrylonitrile
Concen: 103.413 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 53 Resp: 85687
Ion Ratio Lower Upper
53 100
52 83.3 40.9 122.8
51 36.1 18.0 54.0

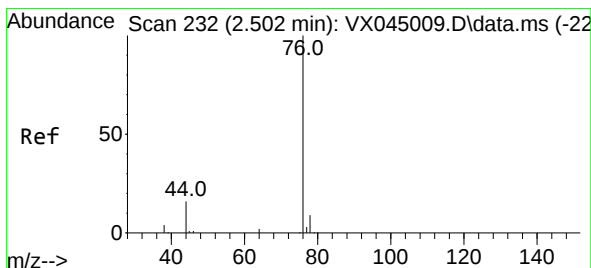
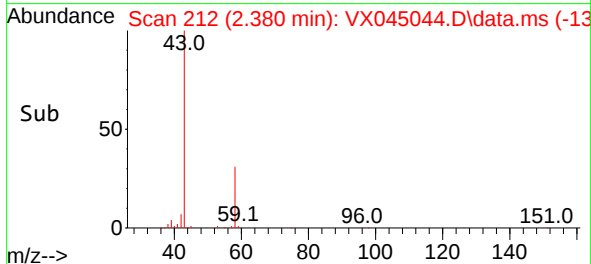
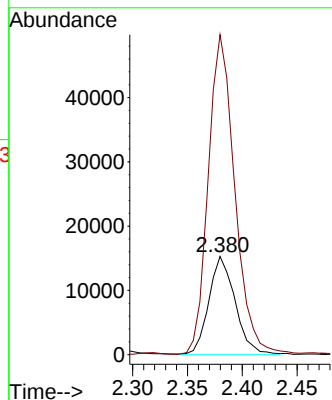
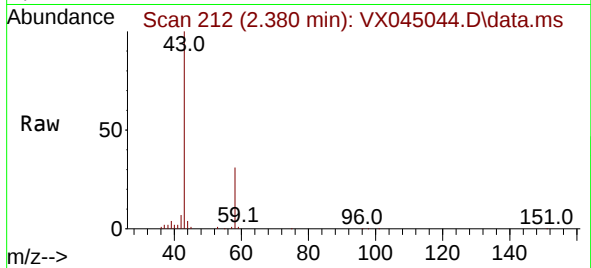




#15
Acetone
Concen: 112.437 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

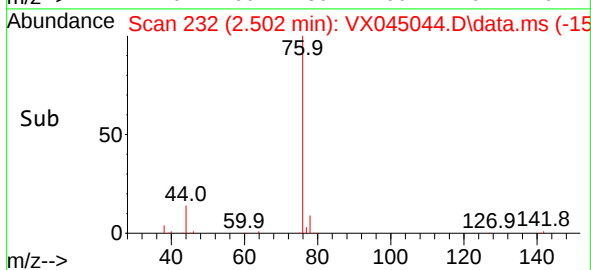
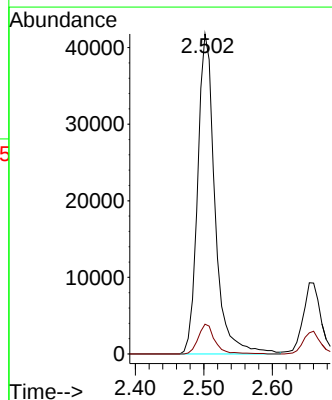
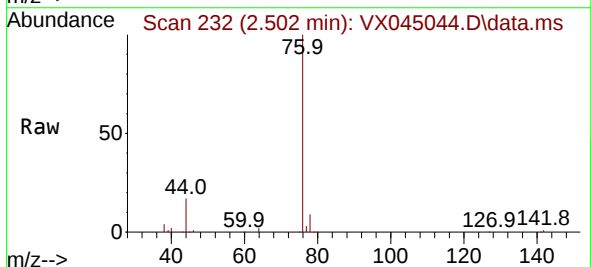
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

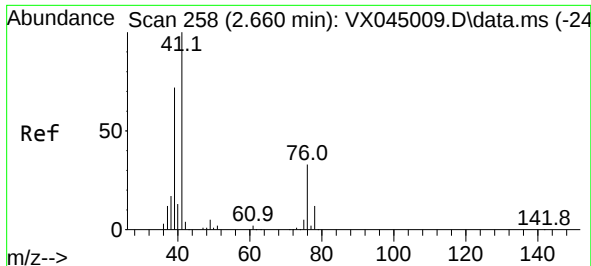
Tgt Ion: 58 Resp: 25551
Ion Ratio Lower Upper
58 100
43 327.1 258.6 388.0



#16
Carbon Disulfide
Concen: 17.747 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 76 Resp: 73537
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

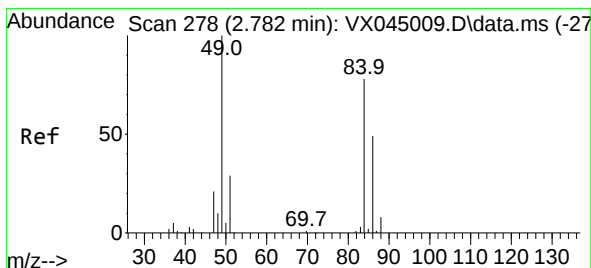
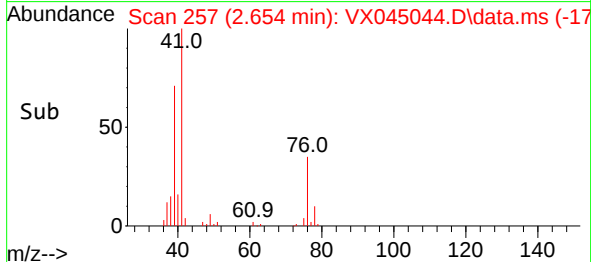
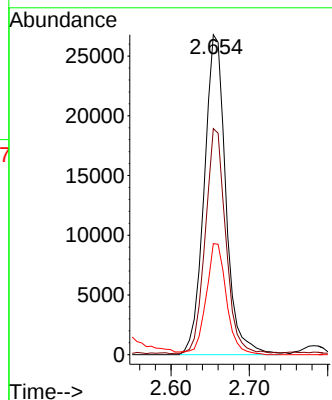
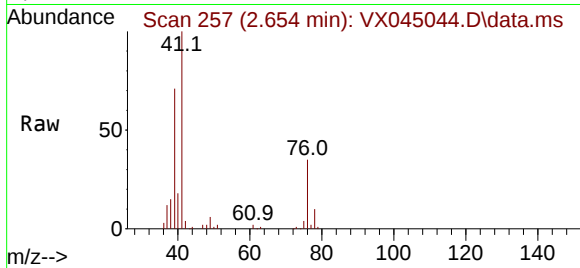




#17
 Allyl chloride
 Concen: 18.834 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.006 min
 Lab File: VX045044.D
 Acq: 26 Feb 2025 10:05

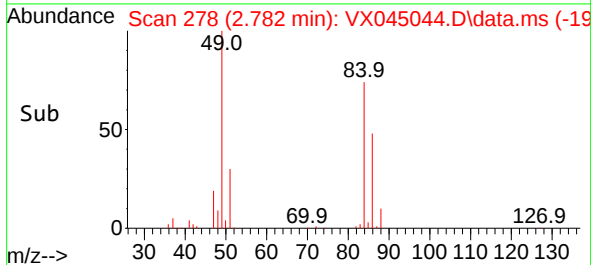
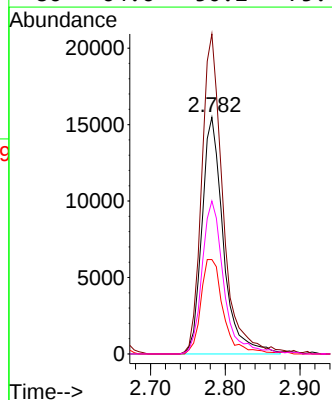
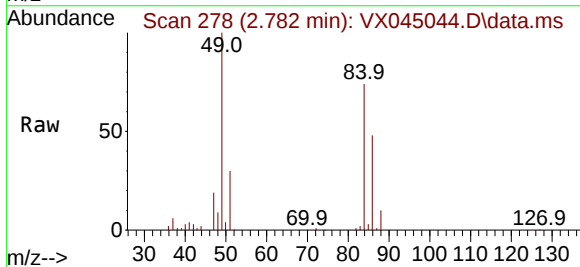
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

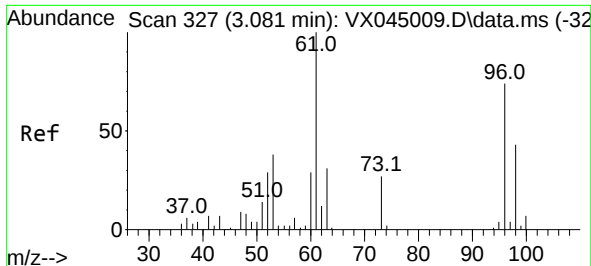
Tgt Ion: 41	Resp: 51459
Ion Ratio	Lower Upper
41	100
39	70.3 36.2 108.6
76	34.7 17.2 51.5



#18
 Methylene Chloride
 Concen: 18.734 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. -0.000 min
 Lab File: VX045044.D
 Acq: 26 Feb 2025 10:05

Tgt Ion: 84	Resp: 30781
Ion Ratio	Lower Upper
84	100
49	135.2 102.8 154.2
51	39.9 30.1 45.1
86	64.6 50.2 75.4

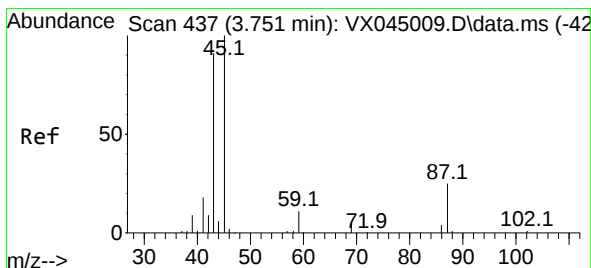
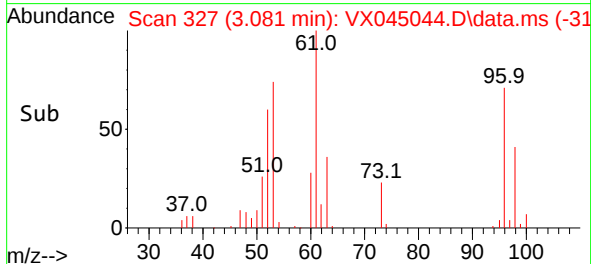
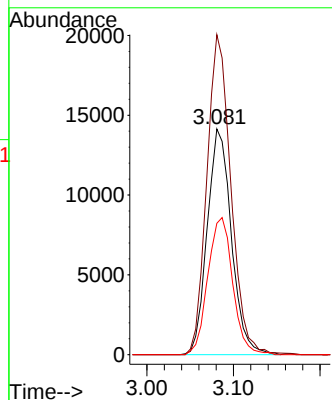
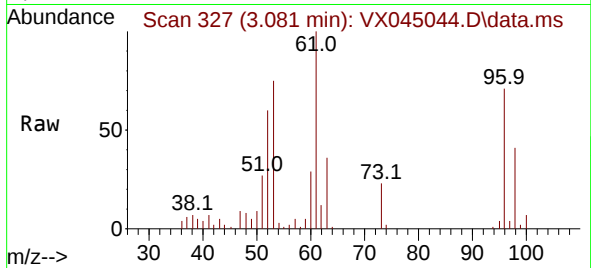




#19
 trans-1,2-Dichloroethene
 Concen: 18.597 ug/l
 RT: 3.081 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VX045044.D
 Acq: 26 Feb 2025 10:05

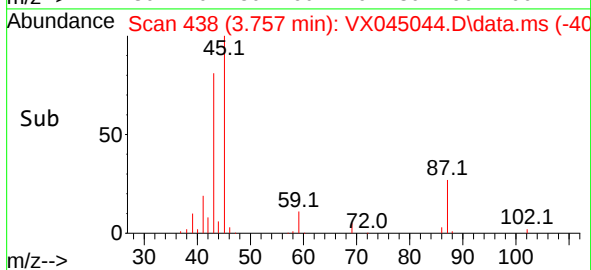
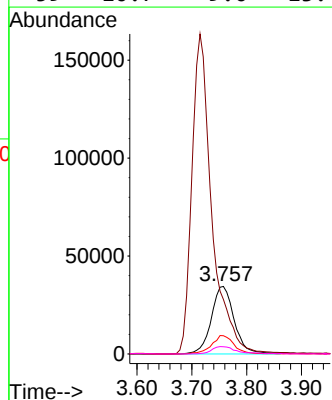
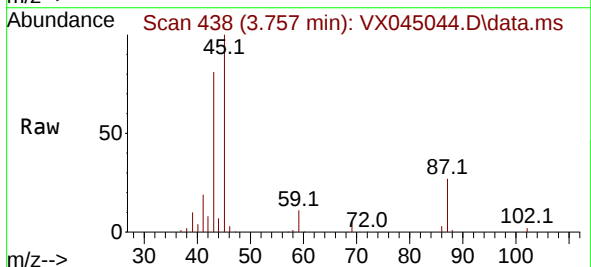
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

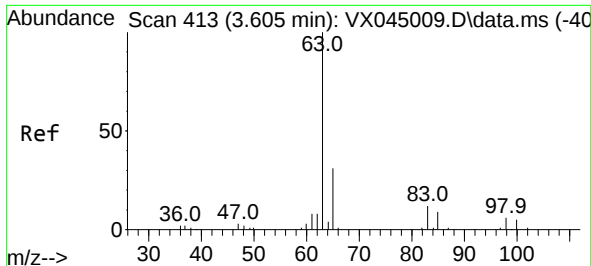
Tgt Ion: 96 Resp: 27485
 Ion Ratio Lower Upper
 96 100
 61 141.7 108.6 163.0
 98 58.2 46.5 69.7



#20
 Diisopropyl ether
 Concen: 19.020 ug/l
 RT: 3.757 min Scan# 438
 Delta R.T. 0.006 min
 Lab File: VX045044.D
 Acq: 26 Feb 2025 10:05

Tgt Ion: 45 Resp: 99862
 Ion Ratio Lower Upper
 45 100
 43 78.6 74.4 111.6
 87 27.1 19.8 29.8
 59 10.7 9.0 13.4





#21

1,1-Dichloroethane

Concen: 18.804 ug/l

RT: 3.599 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

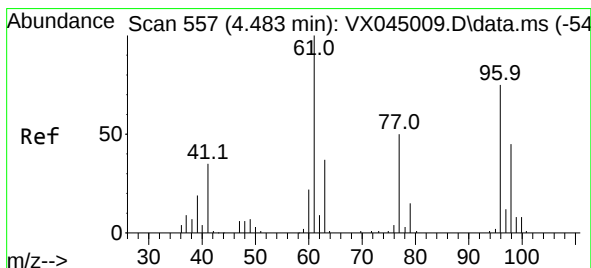
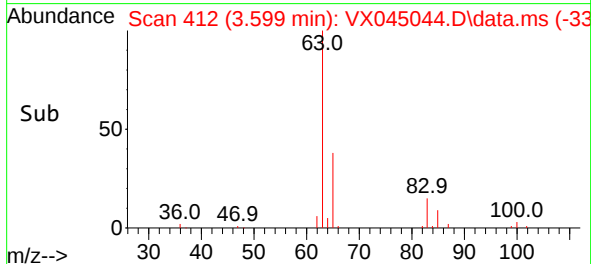
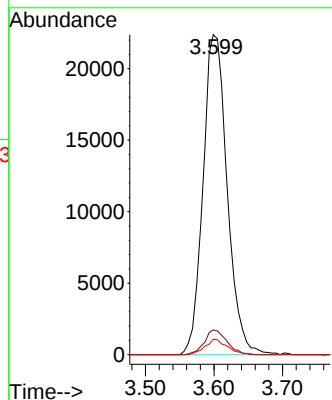
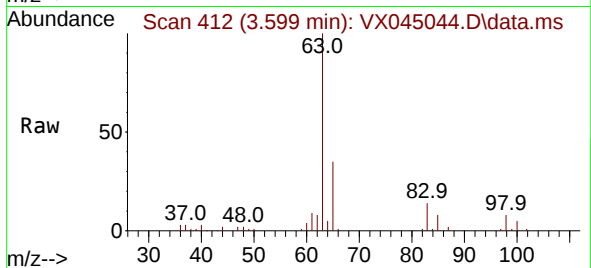
Tgt Ion: 63 Resp: 54908

Ion Ratio Lower Upper

63 100

98 7.7 3.3 9.8

100 4.9 2.4 7.1



#22

cis-1,2-Dichloroethene

Concen: 18.979 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

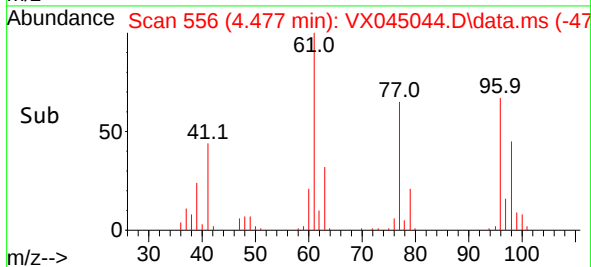
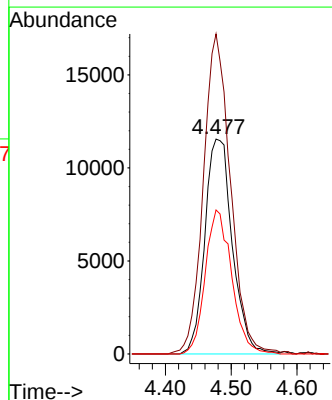
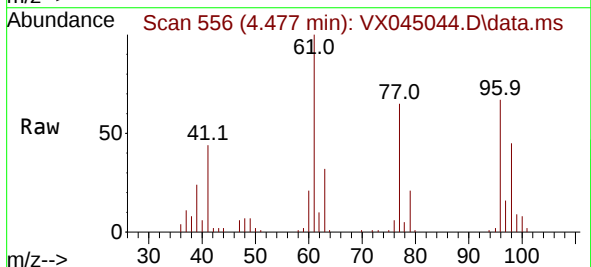
Tgt Ion: 96 Resp: 33612

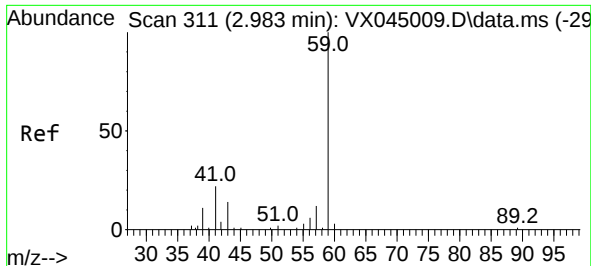
Ion Ratio Lower Upper

96 100

61 146.8 118.9 178.3

98 64.3 50.7 76.1

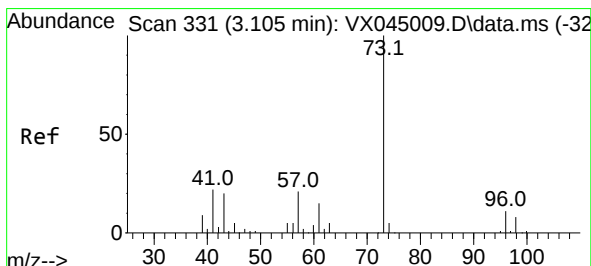
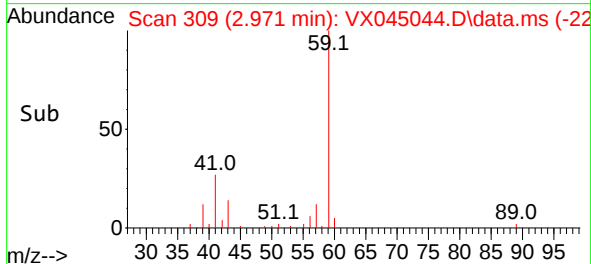
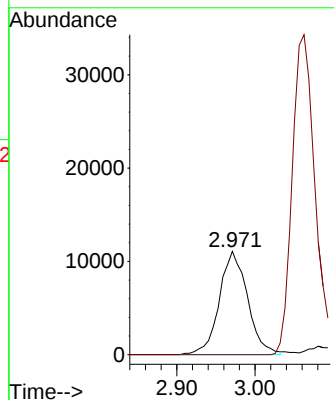
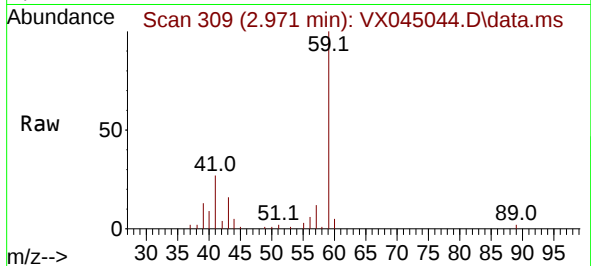




#23
tert-Butyl Alcohol
Concen: 96.162 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

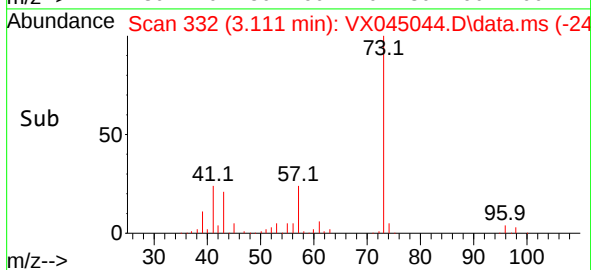
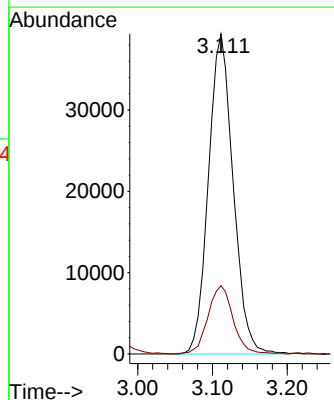
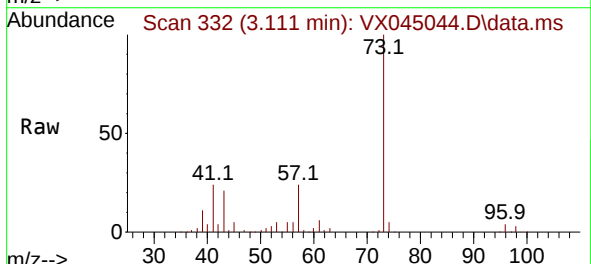
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

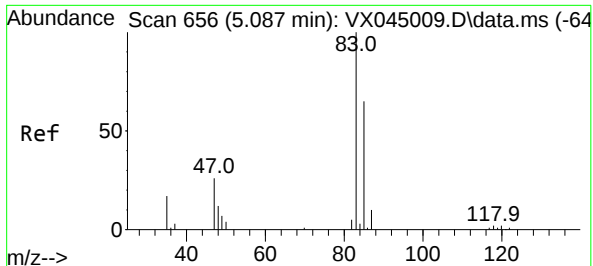
Tgt Ion: 59 Resp: 27816
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.950 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 73 Resp: 90352
Ion Ratio Lower Upper
73 100
43 21.7 17.4 26.0





#25

Chloroform

Concen: 19.622 ug/l

RT: 5.080 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

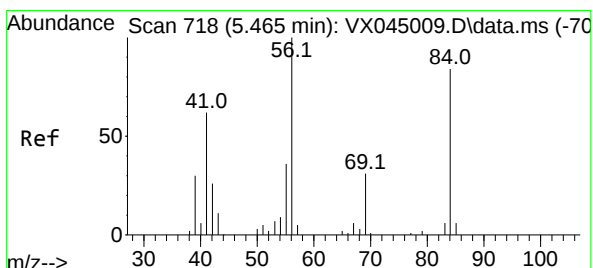
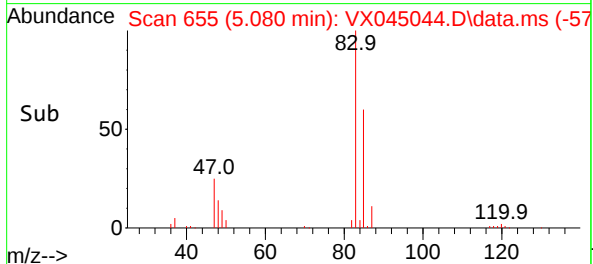
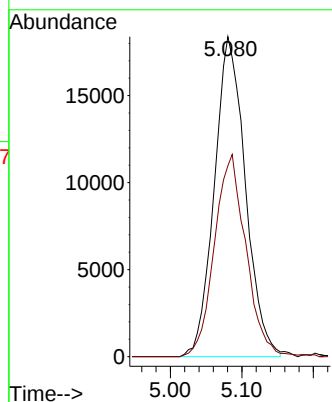
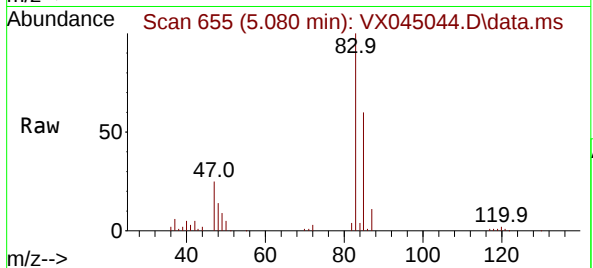
VSTDCCC020

Tgt Ion: 83 Resp: 55342

Ion Ratio Lower Upper

83 100

85 59.6 51.7 77.5



#26

Cyclohexane

Concen: 18.327 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.006 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

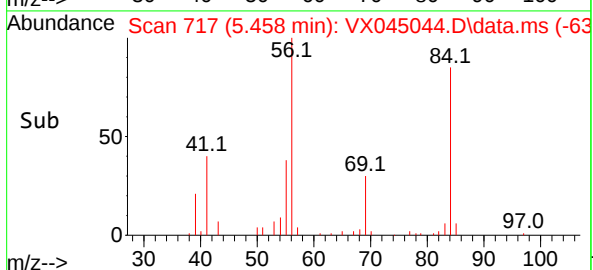
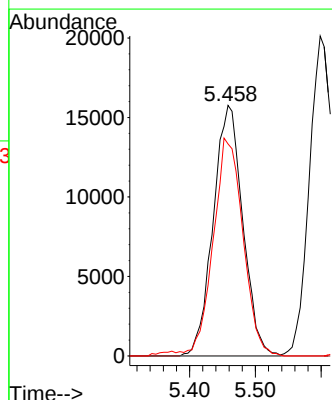
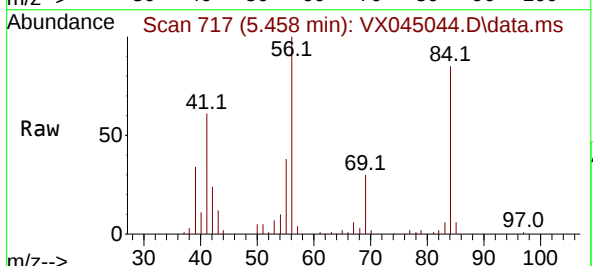
Tgt Ion: 56 Resp: 49397

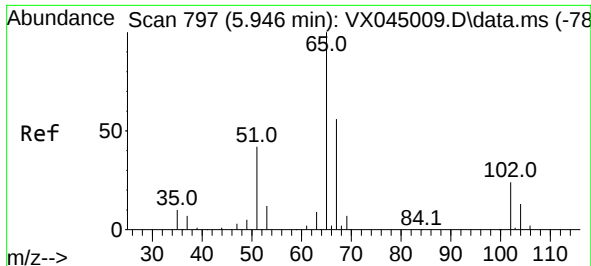
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 87.0 67.1 100.7





#27

1,2-Dichloroethane-d4

Concen: 29.646 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

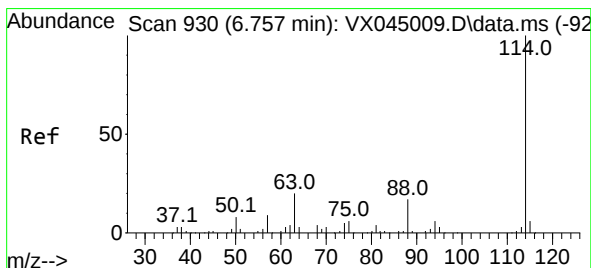
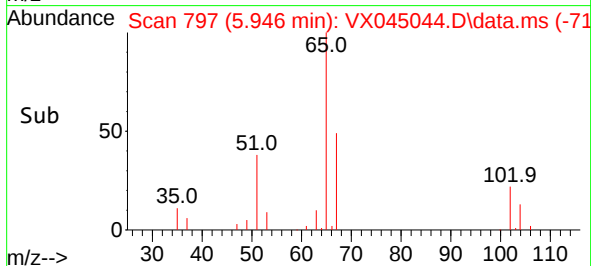
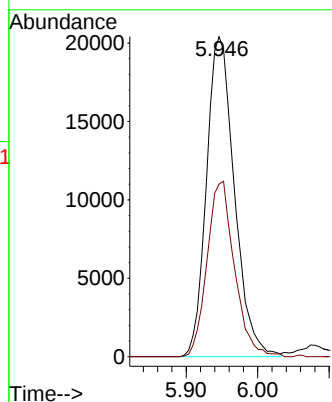
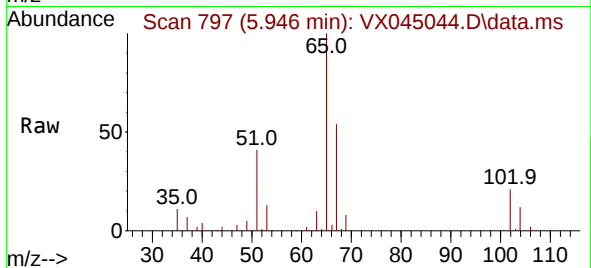
VSTDCCC020

Tgt Ion: 65 Resp: 55370

Ion Ratio Lower Upper

65 100

67 53.5 42.6 64.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

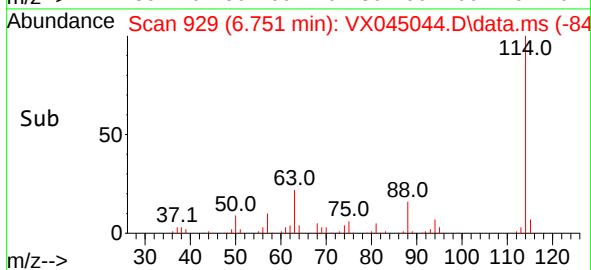
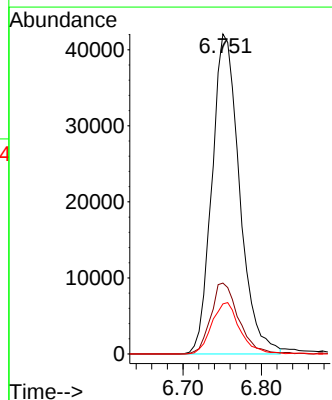
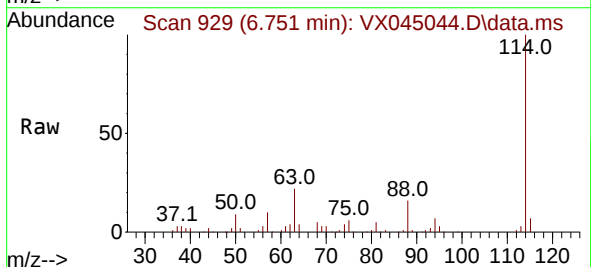
Tgt Ion: 114 Resp: 102945

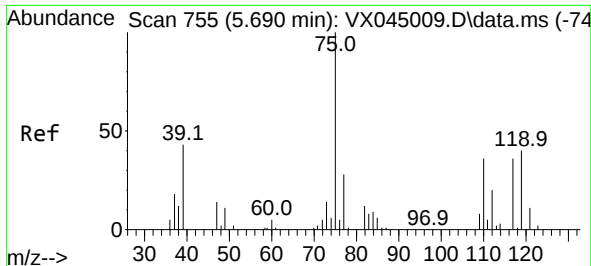
Ion Ratio Lower Upper

114 100

63 22.3 16.8 25.2

88 16.3 12.7 19.1

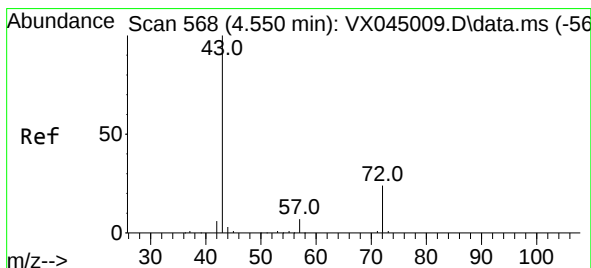
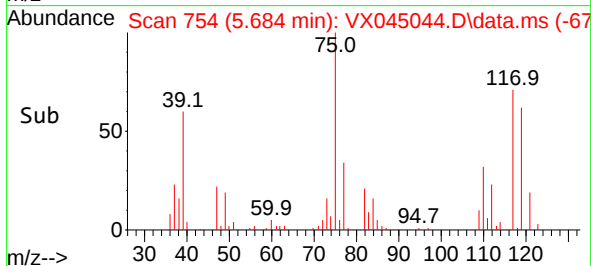
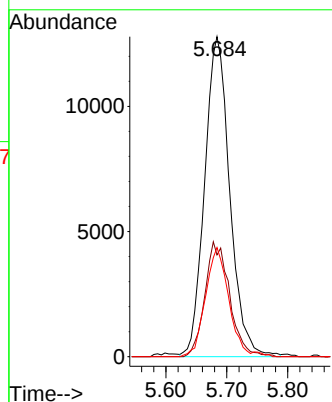
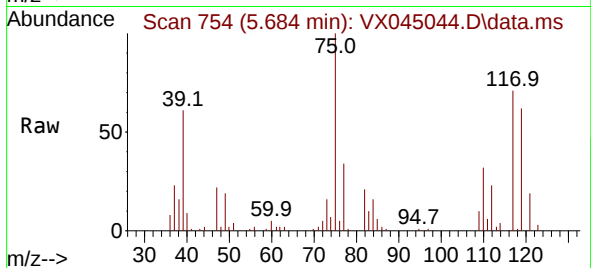




#29
1,1-Dichloropropene
Concen: 19.364 ug/l
RT: 5.684 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

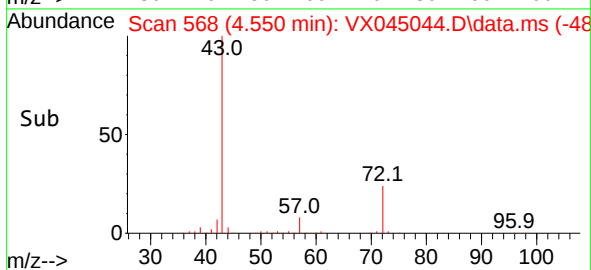
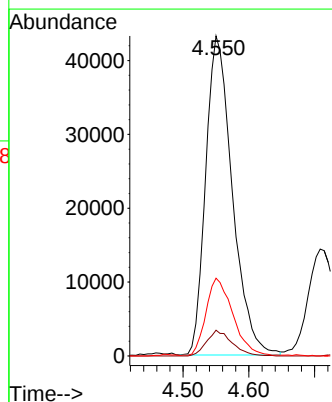
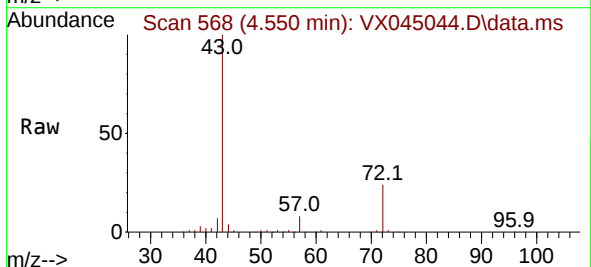
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

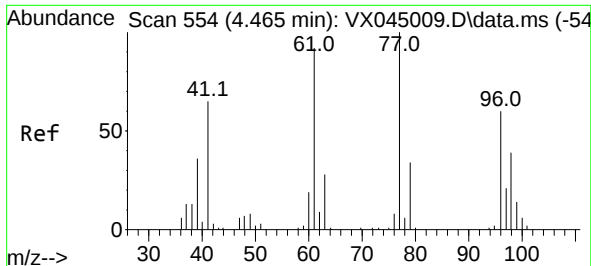
Tgt Ion: 75 Resp: 36670
Ion Ratio Lower Upper
75 100
110 35.2 0.0 69.2
77 31.3 0.0 61.0



#30
2-Butanone
Concen: 111.235 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 43 Resp: 121667
Ion Ratio Lower Upper
43 100
57 7.7 6.2 9.2
72 24.7 20.2 30.2

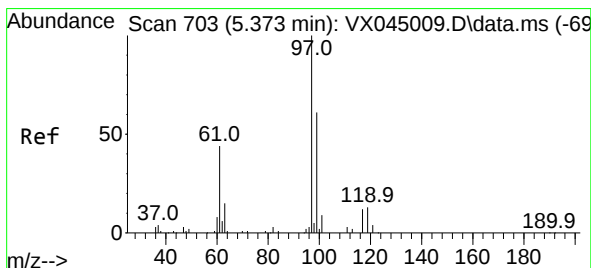
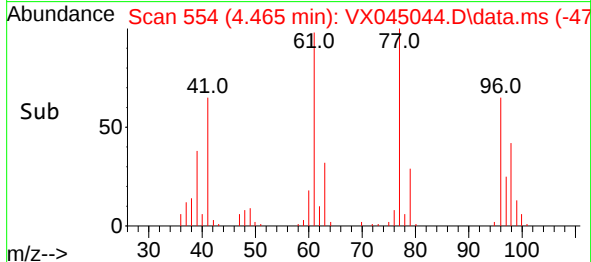
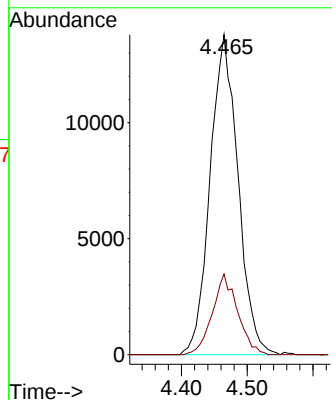
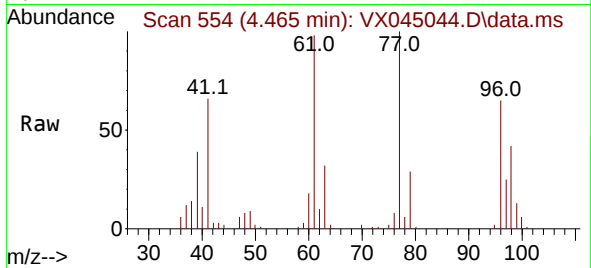




#31
2,2-Dichloropropane
Concen: 19.005 ug/l
RT: 4.465 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

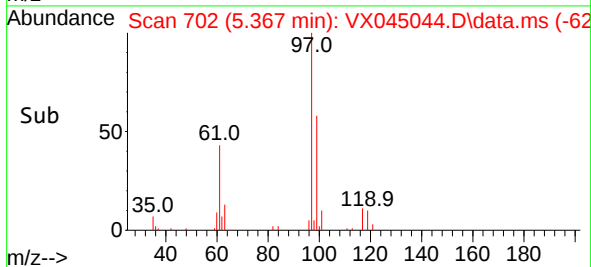
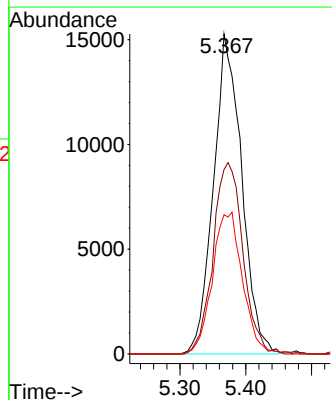
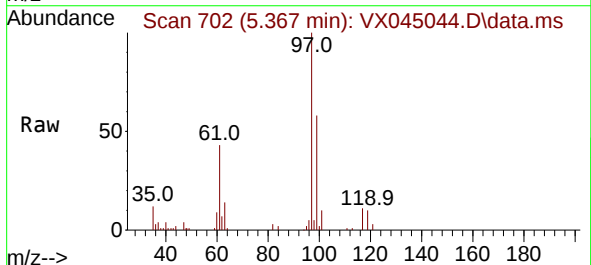
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

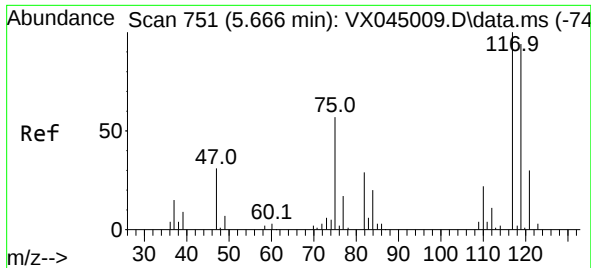
Tgt Ion: 77 Resp: 40695
Ion Ratio Lower Upper
77 100
97 22.8 18.0 27.0



#32
1,1,1-Trichloroethane
Concen: 19.891 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 97 Resp: 45638
Ion Ratio Lower Upper
97 100
99 63.0 52.2 78.2
61 46.8 38.5 57.7

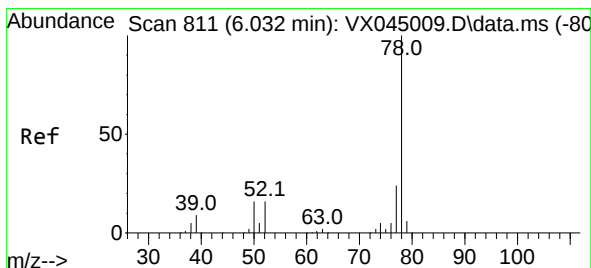
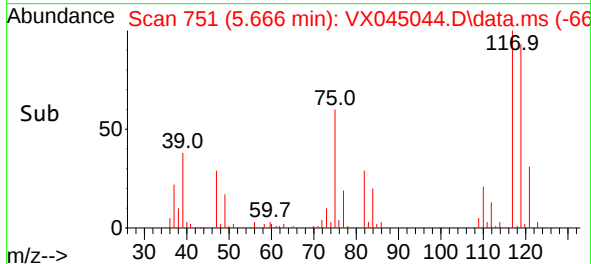
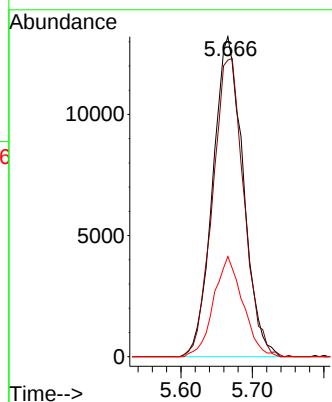
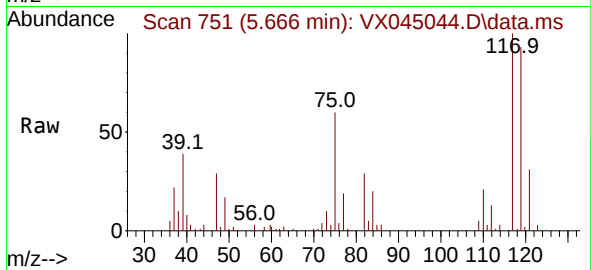




#33
Carbon Tetrachloride
Concen: 20.109 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

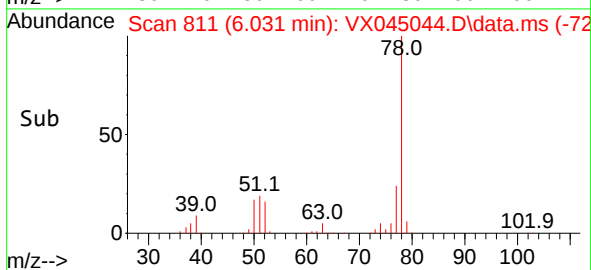
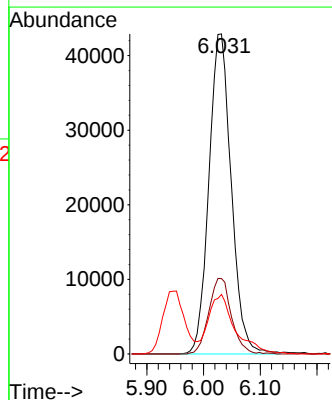
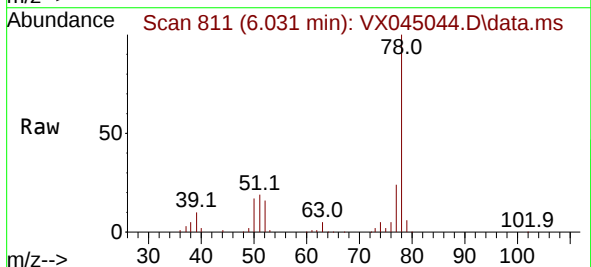
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

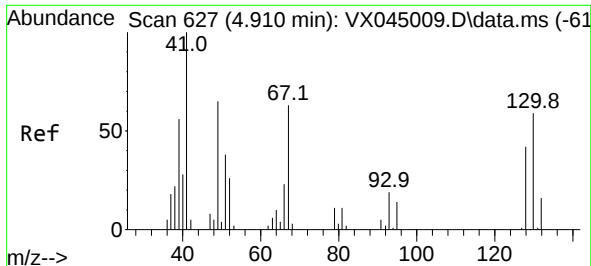
Tgt Ion:117 Resp: 38939
Ion Ratio Lower Upper
117 100
119 92.7 75.1 112.7
121 31.3 23.9 35.9



#34
Benzene
Concen: 19.772 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 78 Resp: 117417
Ion Ratio Lower Upper
78 100
77 23.6 19.6 29.4
51 18.2 13.8 20.6



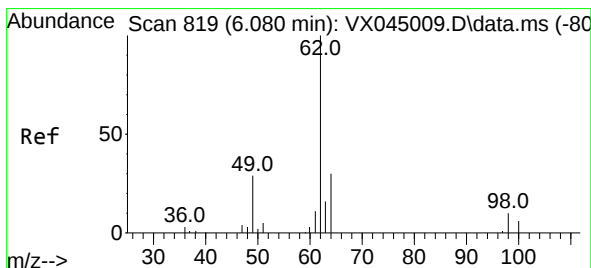
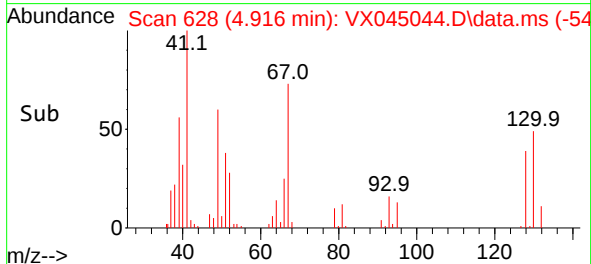
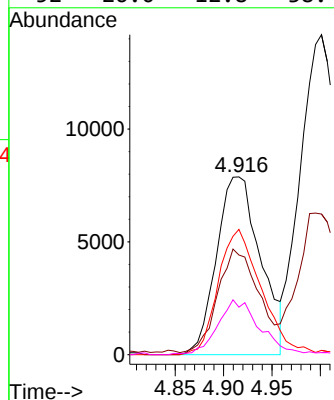
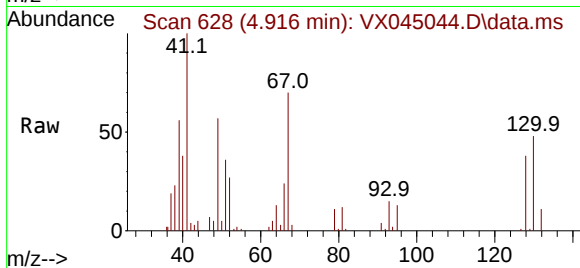


#35
Methacrylonitrile
Concen: 21.363 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 25005

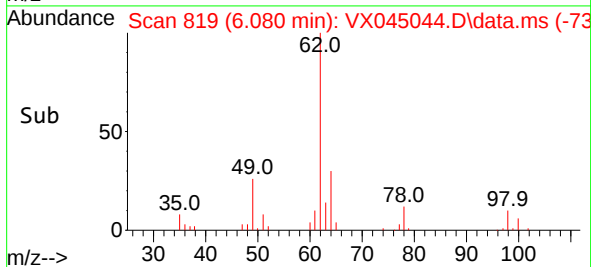
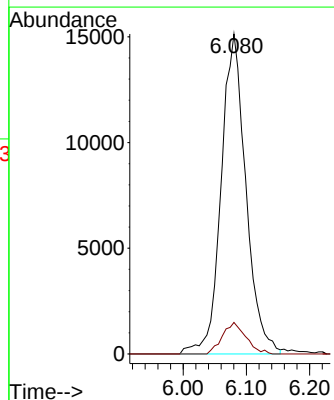
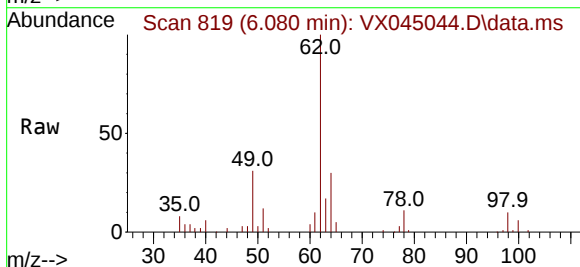
Ion	Ratio	Lower	Upper
41	100		
39	55.0	27.8	83.4
67	70.4	31.5	94.5
52	26.0	12.8	38.4

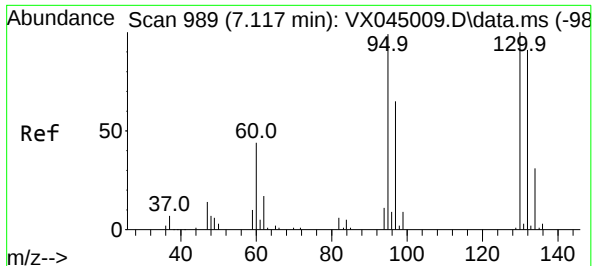


#36
1,2-Dichloroethane
Concen: 20.276 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 62 Resp: 41224

Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.9	11.9

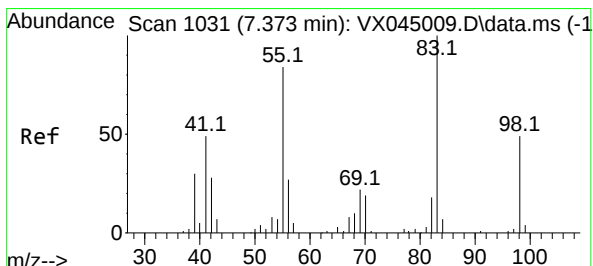
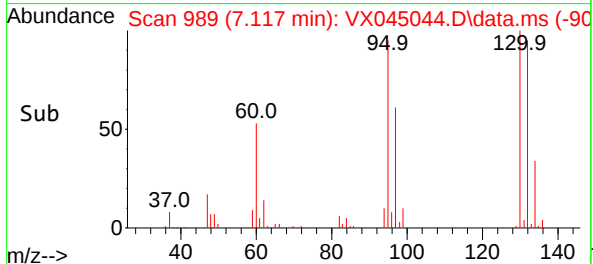
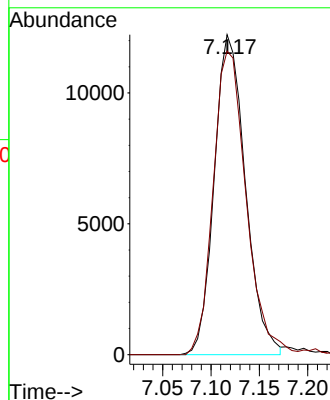
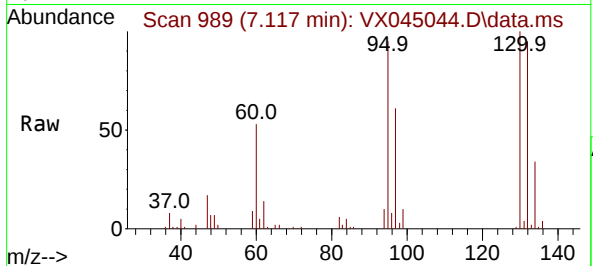




#37
Trichloroethene
Concen: 19.687 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

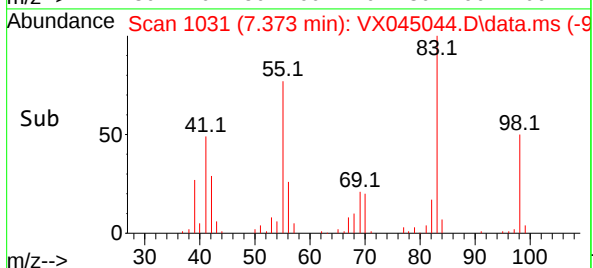
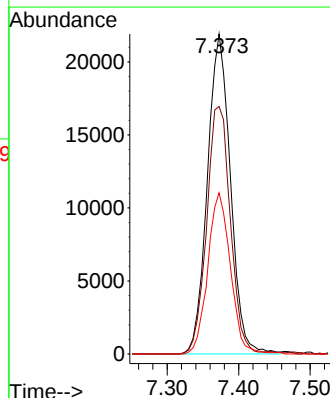
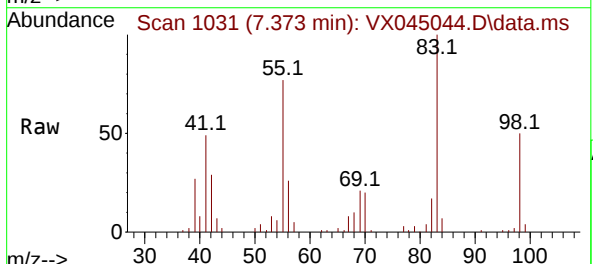
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

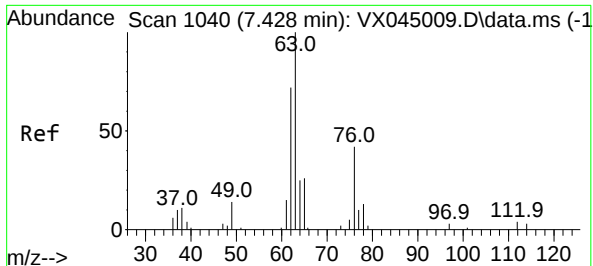
Tgt Ion:130 Resp: 27352
Ion Ratio Lower Upper
130 100
95 94.9 79.0 118.4



#38
Methylcyclohexane
Concen: 19.321 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 83 Resp: 49126
Ion Ratio Lower Upper
83 100
55 79.2 40.6 122.0
98 49.2 24.9 74.6





#39

1,2-Dichloropropane

Concen: 19.489 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

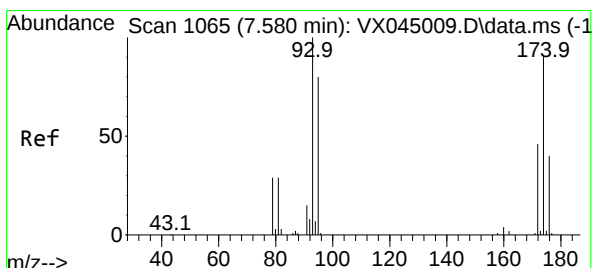
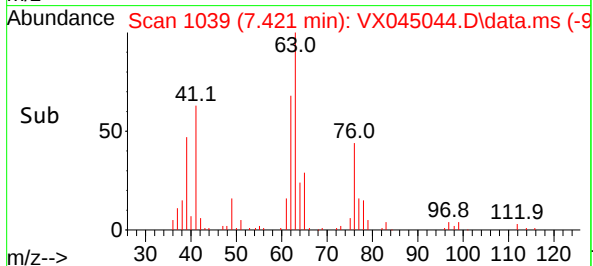
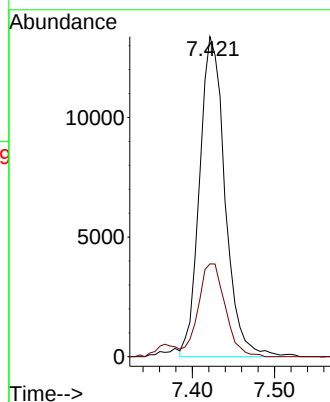
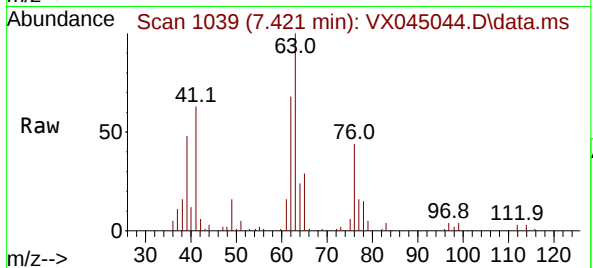
VSTDCCC020

Tgt Ion: 63 Resp: 28774

Ion Ratio Lower Upper

63 100

65 29.2 24.3 36.5



#40

Dibromomethane

Concen: 20.263 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

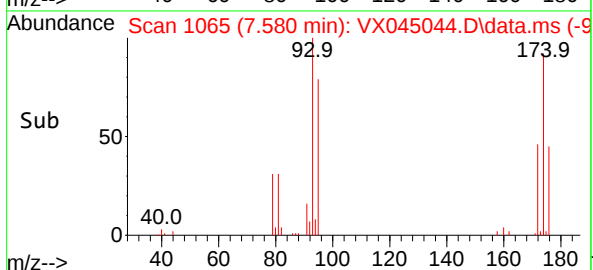
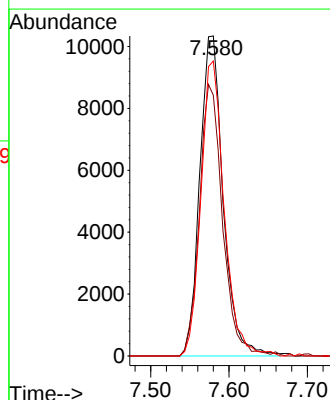
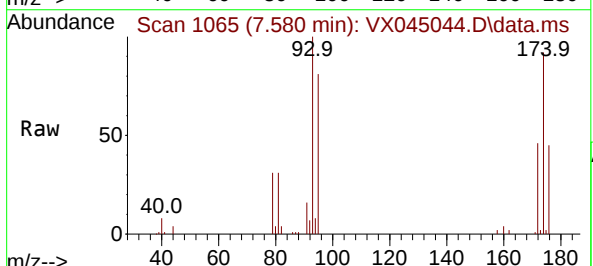
Tgt Ion: 93 Resp: 21468

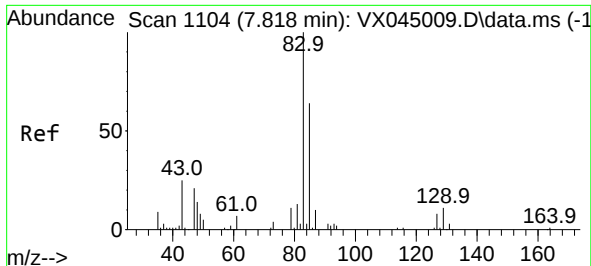
Ion Ratio Lower Upper

93 100

95 82.9 0.0 162.6

174 91.3 0.0 178.8

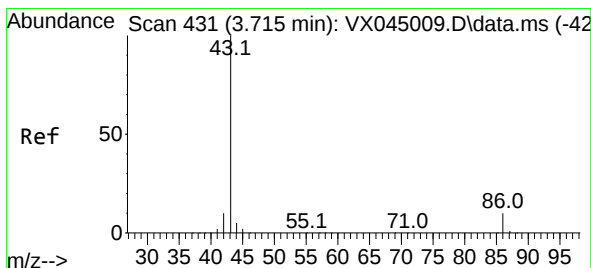
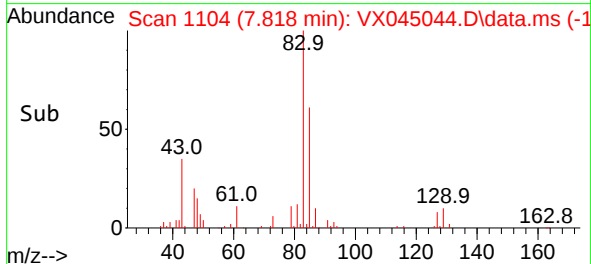
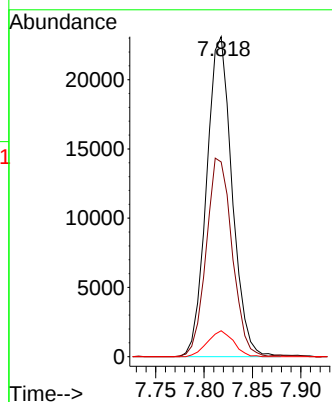
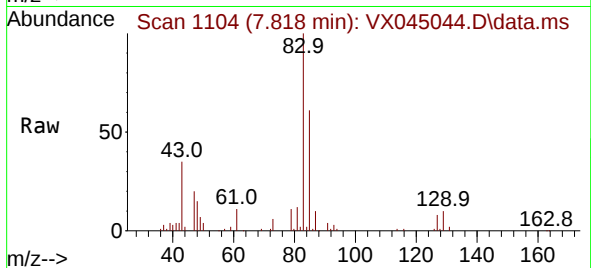




#41
Bromodichloromethane
Concen: 20.135 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

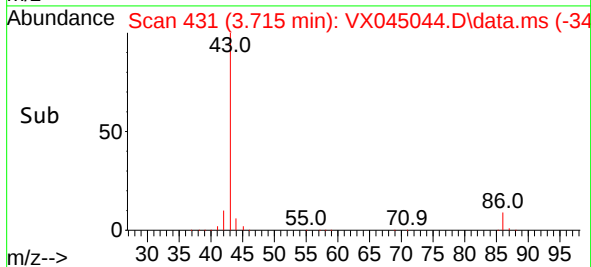
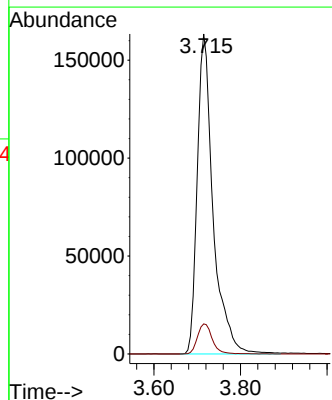
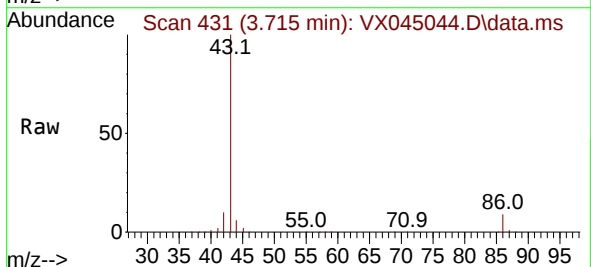
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

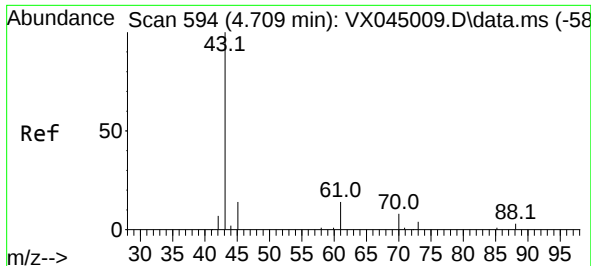
Tgt Ion: 83 Resp: 42398
Ion Ratio Lower Upper
83 100
85 60.5 51.0 76.6
127 8.1 6.1 9.1



#42
Vinyl Acetate
Concen: 97.890 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 43 Resp: 415494
Ion Ratio Lower Upper
43 100
86 8.8 7.0 10.4





#43

Ethyl Acetate

Concen: 20.103 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.000 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

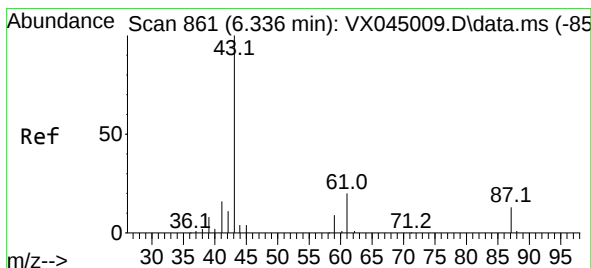
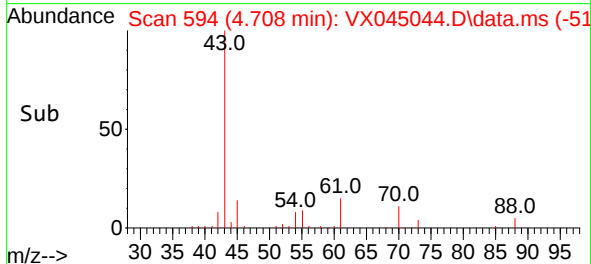
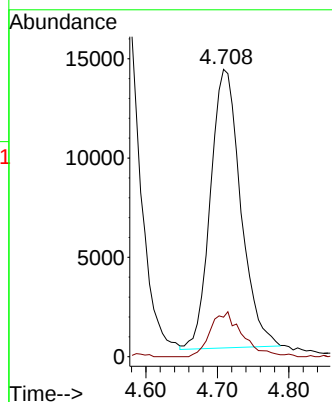
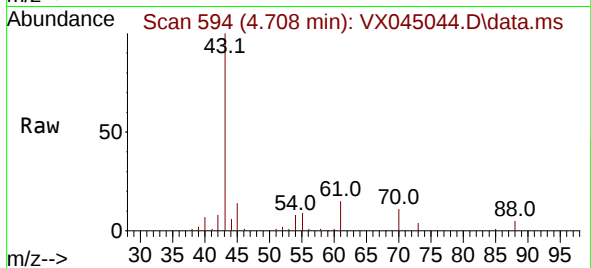
VSTDCCC020

Tgt Ion: 43 Resp: 41236

Ion Ratio Lower Upper

43 100

45 7.9 12.7 19.1#



#44

Isopropyl Acetate

Concen: 20.521 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX045044.D

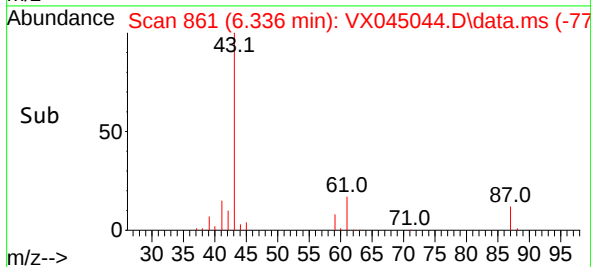
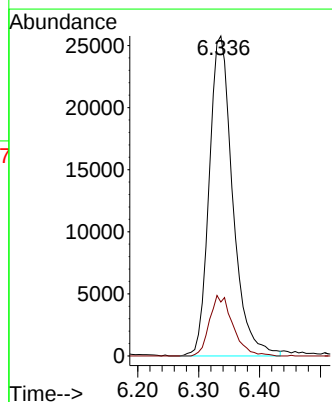
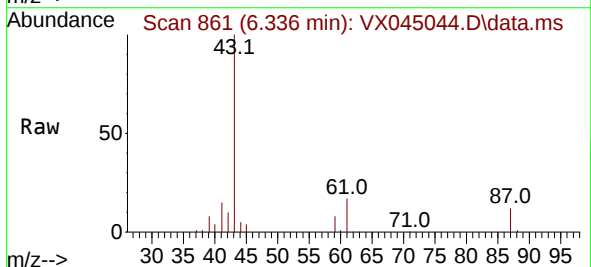
Acq: 26 Feb 2025 10:05

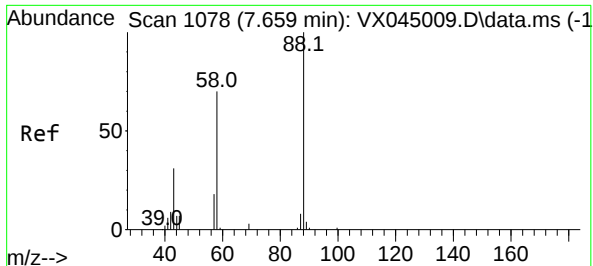
Tgt Ion: 43 Resp: 69278

Ion Ratio Lower Upper

43 100

61 18.5 15.5 23.3

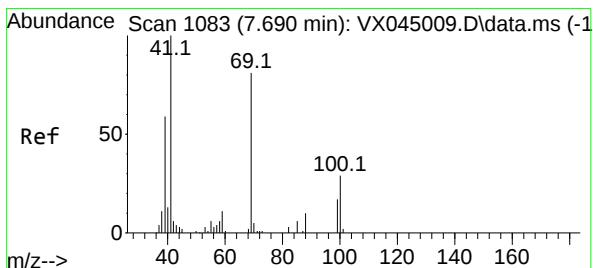
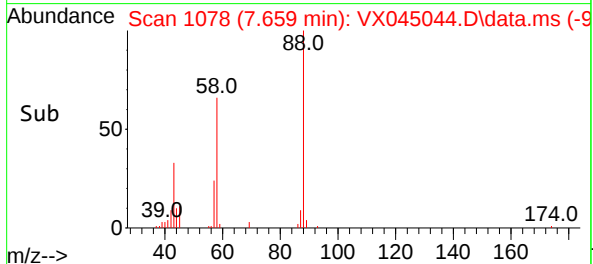
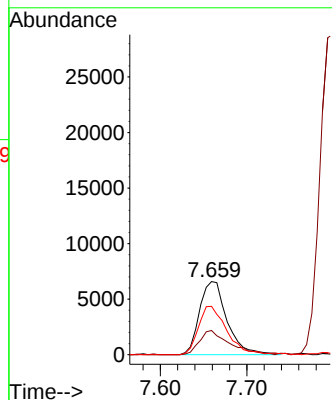
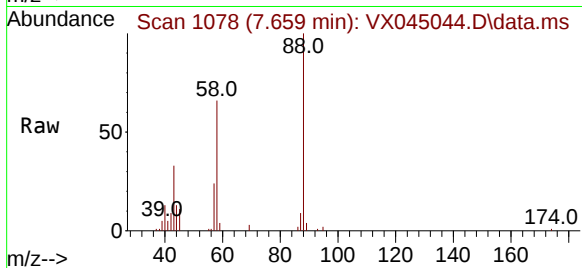




#45
1,4-Dioxane
Concen: 414.728 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

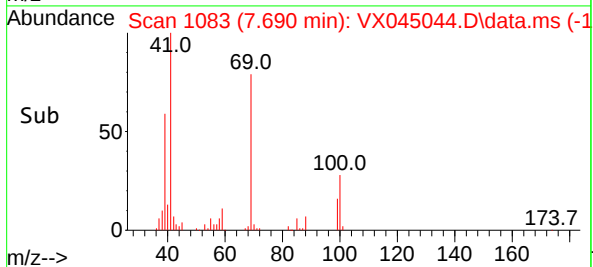
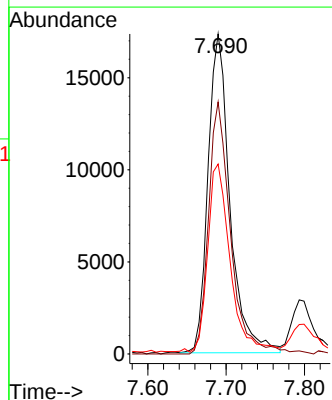
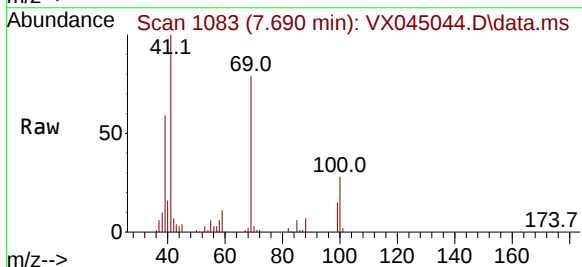
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

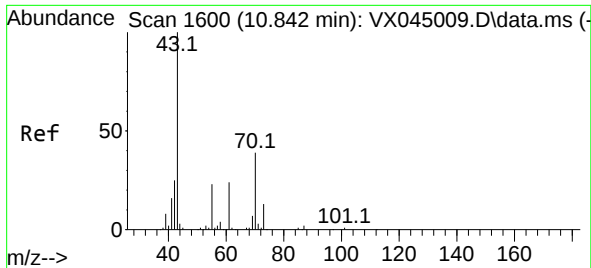
Tgt Ion: 88 Resp: 14555
Ion Ratio Lower Upper
88 100
43 35.7 29.6 44.4
58 67.2 56.2 84.4



#46
Methyl methacrylate
Concen: 20.429 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 41 Resp: 33818
Ion Ratio Lower Upper
41 100
69 79.1 40.7 122.1
39 58.7 29.5 88.5

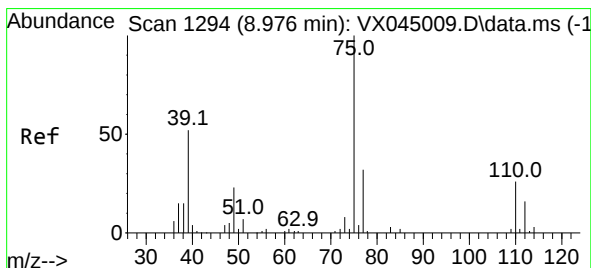
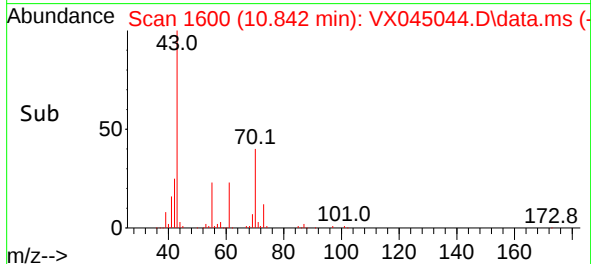
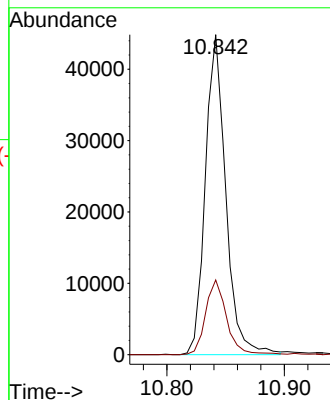
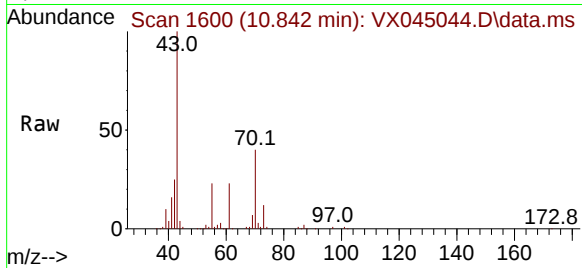




#47
n-amy1 Acetate
Concen: 18.477 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

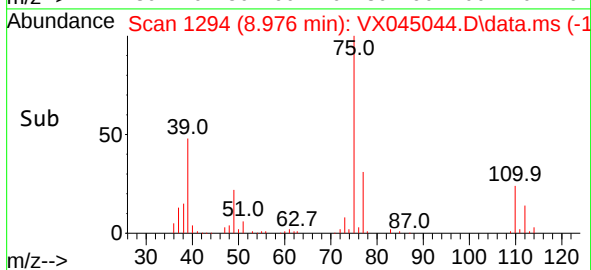
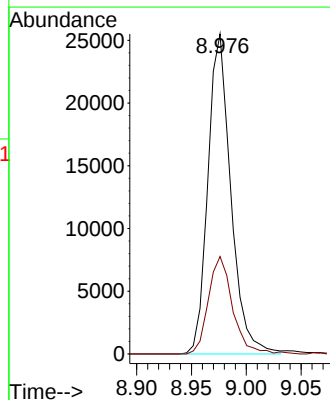
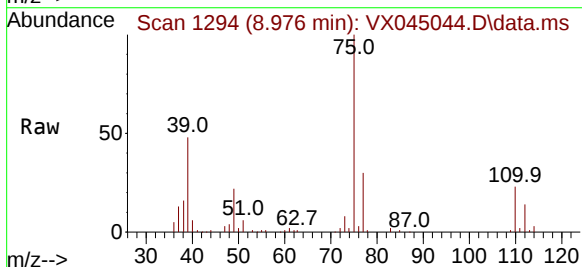
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

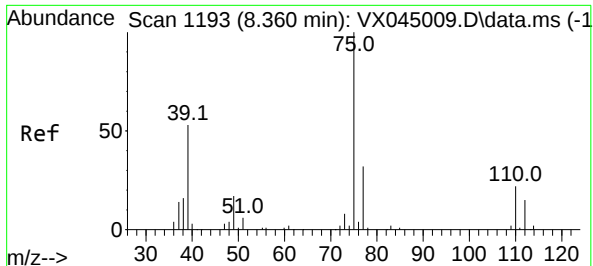
Tgt Ion: 43 Resp: 54130
Ion Ratio Lower Upper
43 100
55 24.1 18.6 27.8



#48
t-1,3-Dichloropropene
Concen: 18.292 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 75 Resp: 37126
Ion Ratio Lower Upper
75 100
77 30.4 25.7 38.5

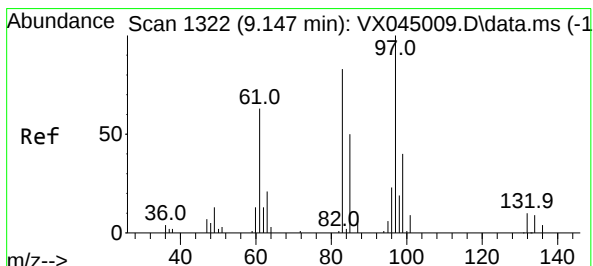
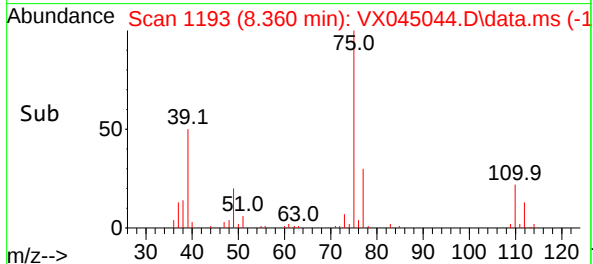
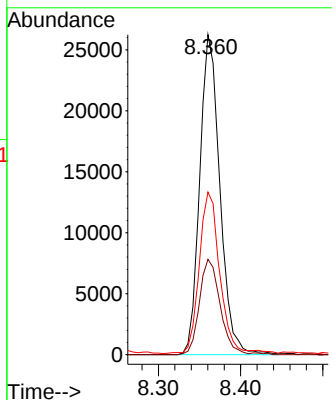
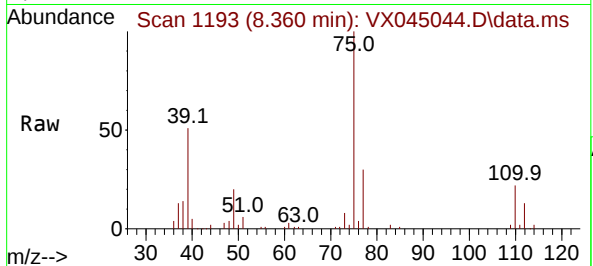




#49
 cis-1,3-Dichloropropene
 Concen: 19.490 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: VX045044.D
 Acq: 26 Feb 2025 10:05

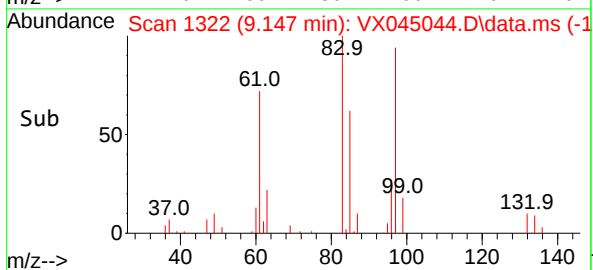
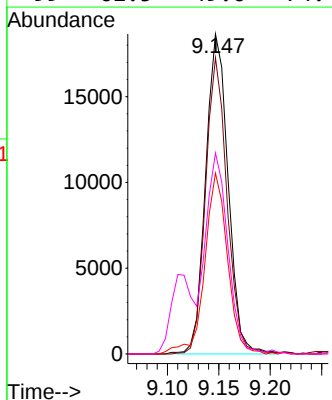
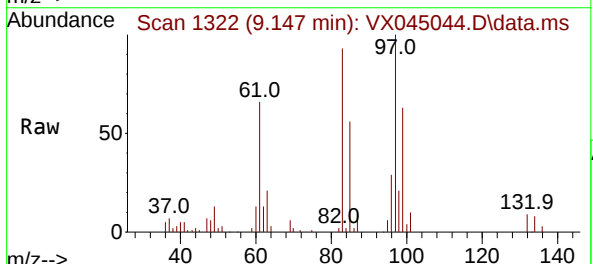
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

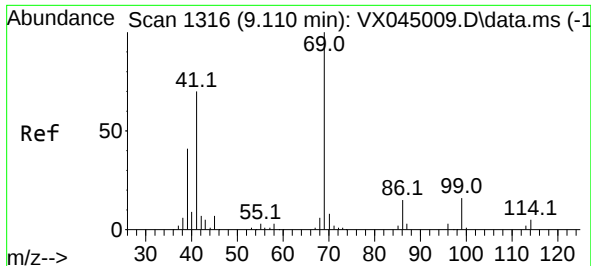
Tgt Ion:	75	Resp:	44780
Ion	Ratio	Lower	Upper
75	100		
77	29.8	25.9	38.9
39	50.4	42.3	63.5



#50
 1,1,2-Trichloroethane
 Concen: 20.554 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. -0.000 min
 Lab File: VX045044.D
 Acq: 26 Feb 2025 10:05

Tgt Ion:	97	Resp:	28405
Ion	Ratio	Lower	Upper
97	100		
83	92.6	66.0	99.0
85	56.7	42.5	63.7
99	62.5	49.6	74.4

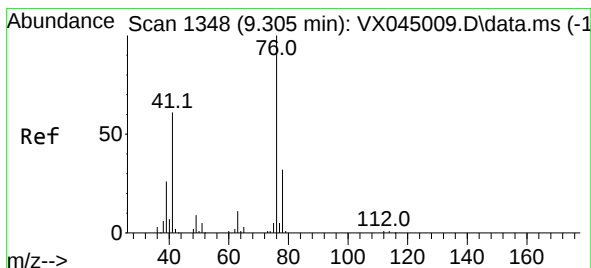
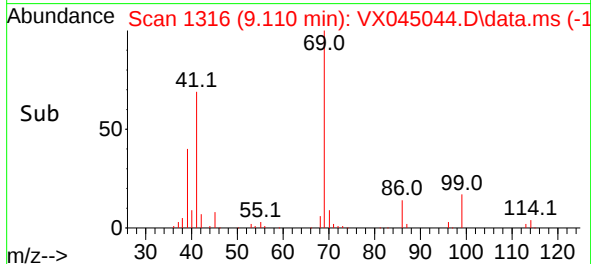
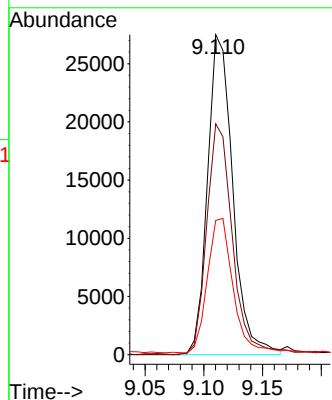
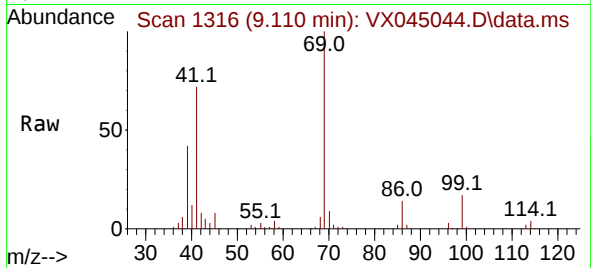




#51
Ethyl methacrylate
Concen: 18.918 ug/l
RT: 9.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

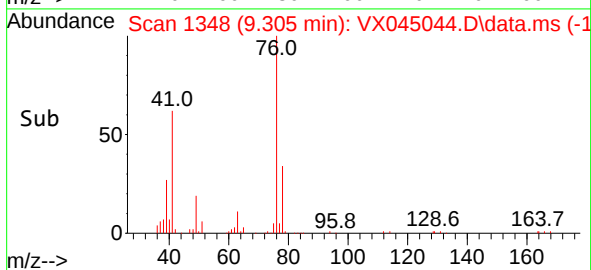
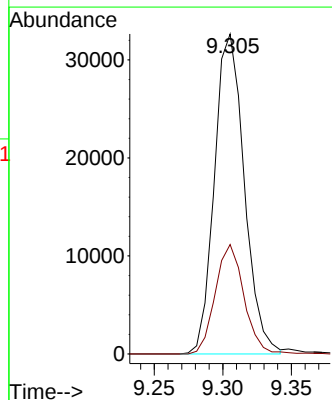
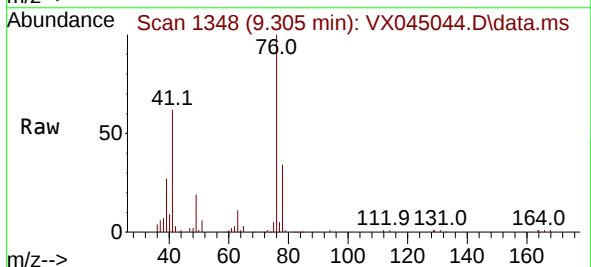
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

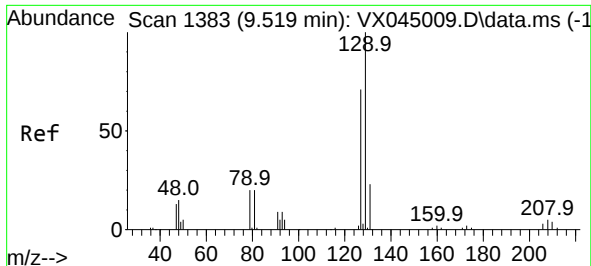
Tgt Ion: 69 Resp: 41117
Ion Ratio Lower Upper
69 100
41 71.9 35.1 105.3
39 41.3 20.5 61.6



#52
1,3-Dichloropropane
Concen: 20.416 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 76 Resp: 49436
Ion Ratio Lower Upper
76 100
78 33.0 0.0 63.6

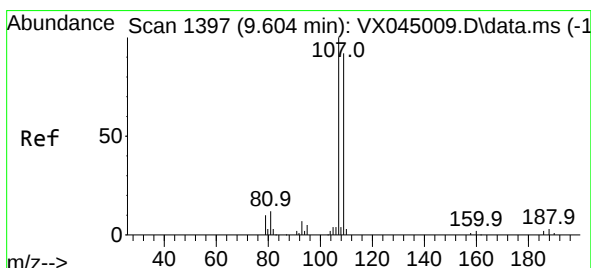
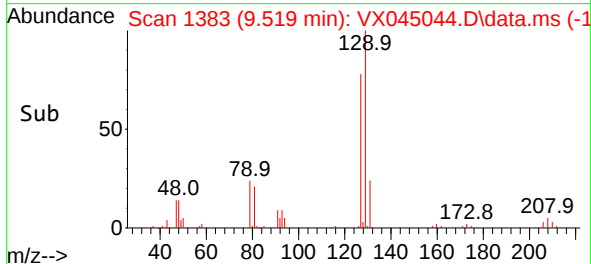
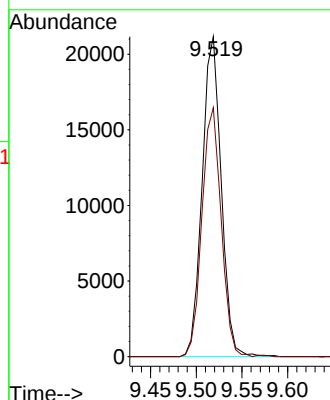
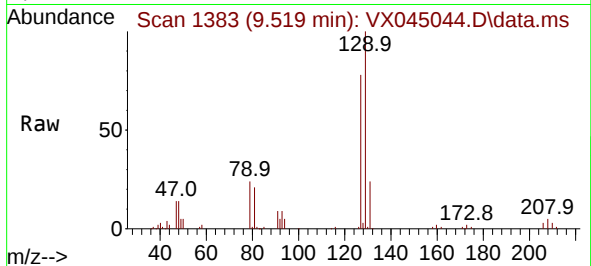




#53
Dibromochloromethane
Concen: 20.131 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

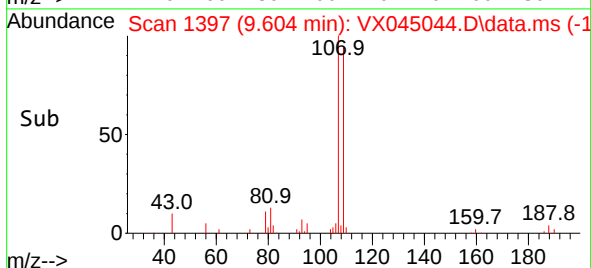
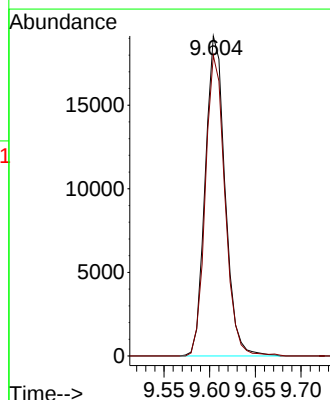
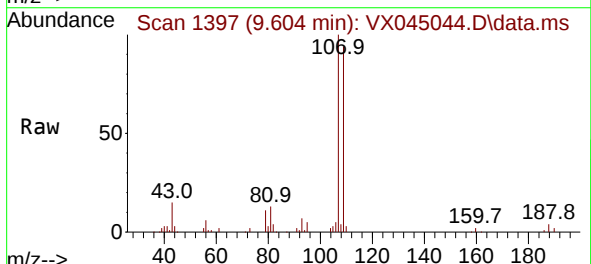
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 30769
Ion Ratio Lower Upper
129 100
127 78.3 37.3 111.9



#54
1,2-Dibromoethane
Concen: 20.485 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion:107 Resp: 28746
Ion Ratio Lower Upper
107 100
109 92.9 75.8 113.8

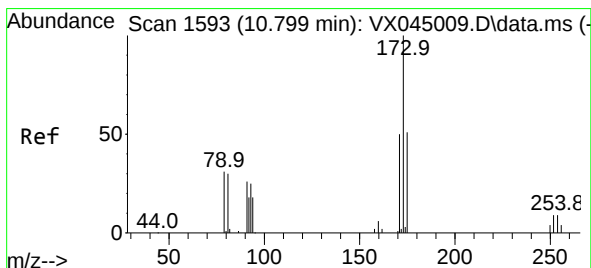
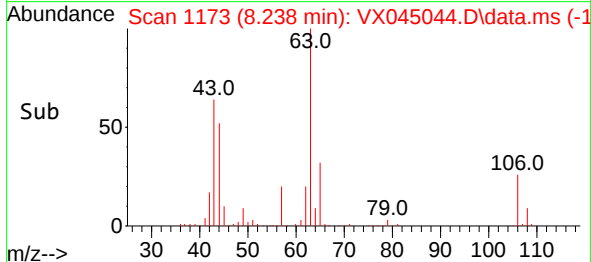
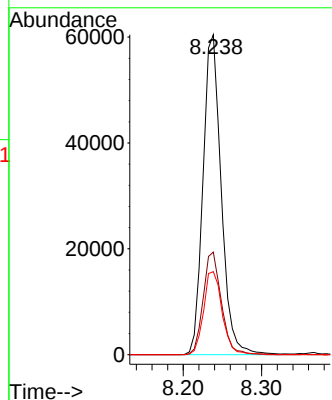
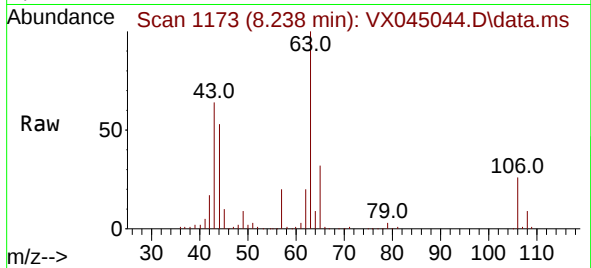




#55
2-Chloroethyl vinyl ether
Concen: 87.452 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

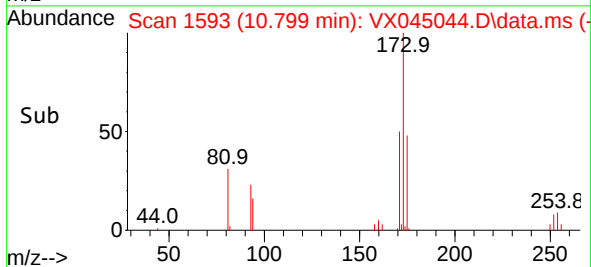
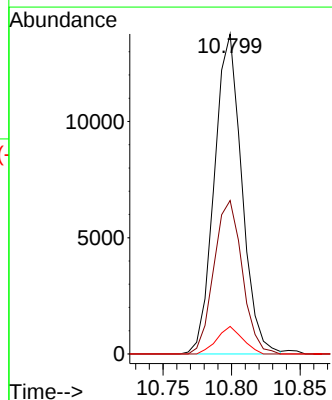
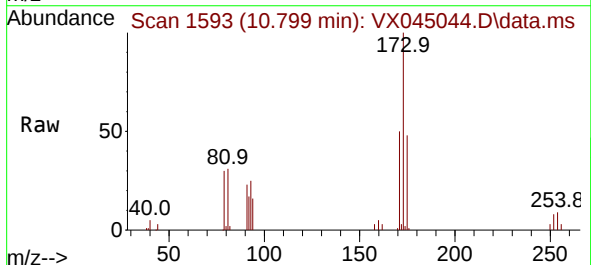
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

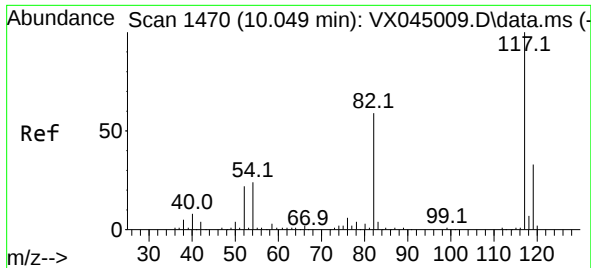
Tgt Ion:	63	Resp:	97607
Ion	Ratio	Lower	Upper
63	100		
65	31.9	26.2	39.2
106	26.4	21.2	31.8



#56
Bromoform
Concen: 20.030 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion:	173	Resp:	19184
Ion	Ratio	Lower	Upper
173	100		
175	49.4	39.6	59.4
254	8.0	6.3	9.5

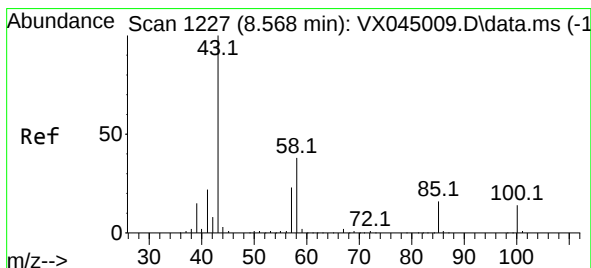
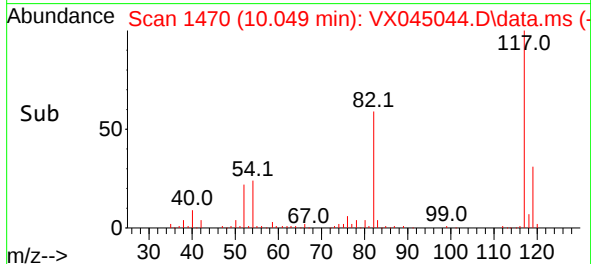
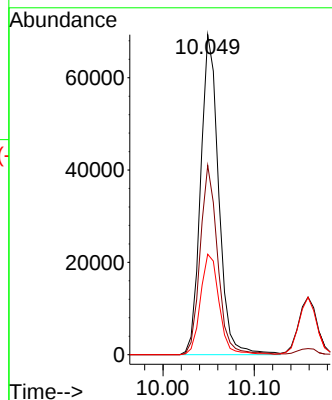
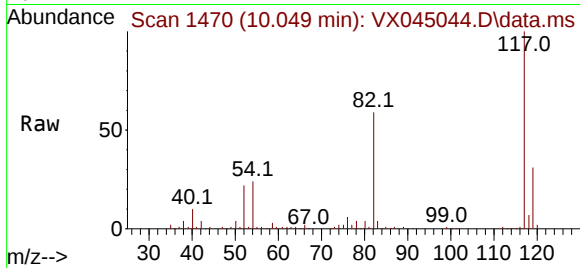




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

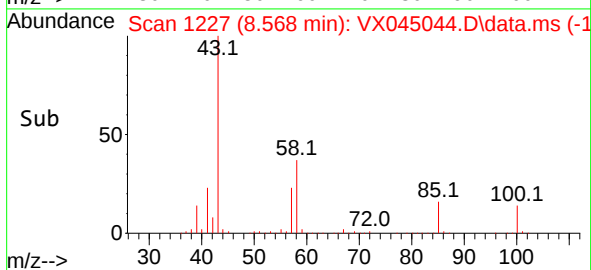
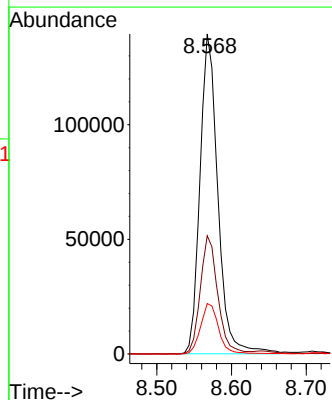
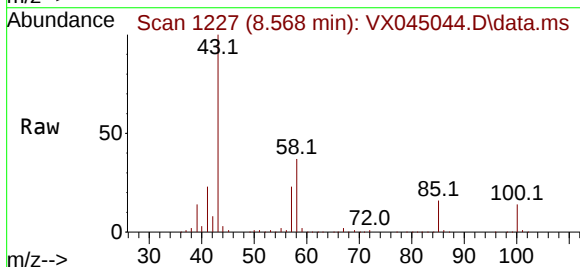
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

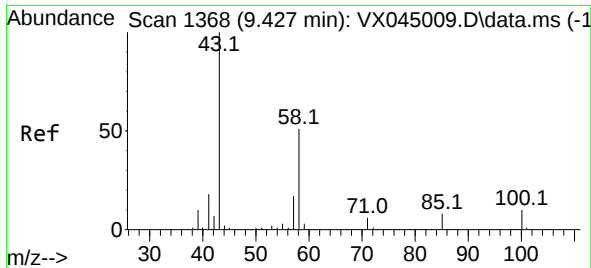
Tgt Ion:117 Resp: 95036
Ion Ratio Lower Upper
117 100
82 57.4 45.8 68.8
119 32.5 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 107.090 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 43 Resp: 231515
Ion Ratio Lower Upper
43 100
58 36.4 29.5 44.3
85 15.9 12.9 19.3



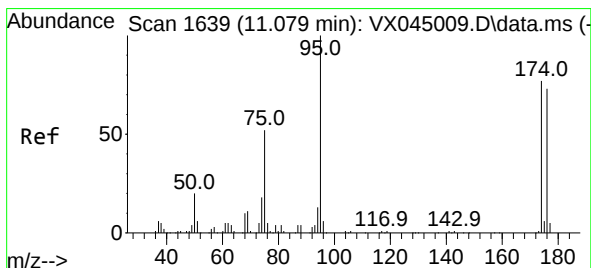
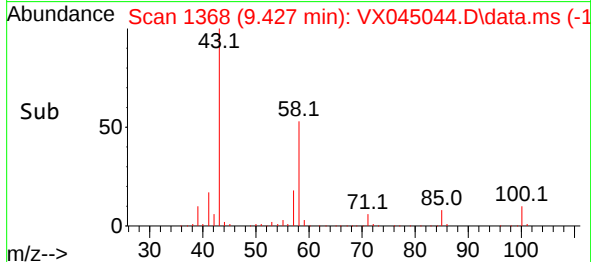
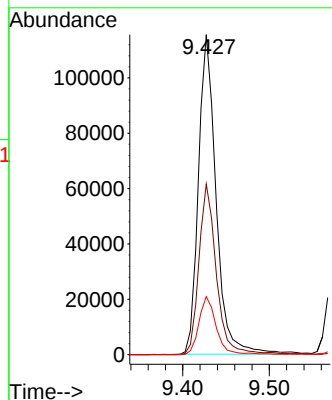
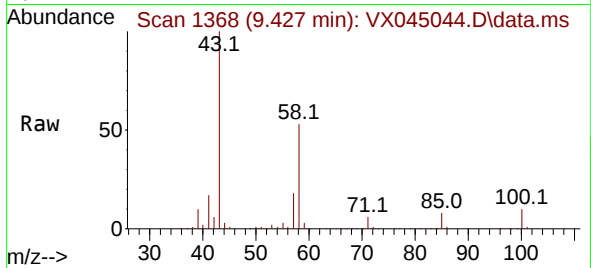


#59
2-Hexanone
Concen: 104.699 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 163605

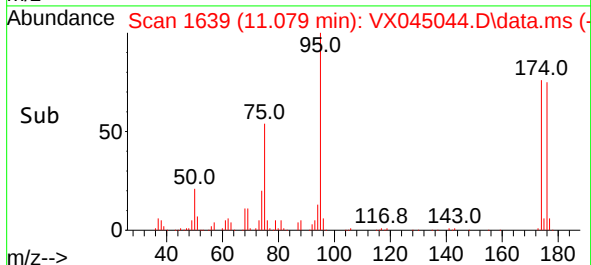
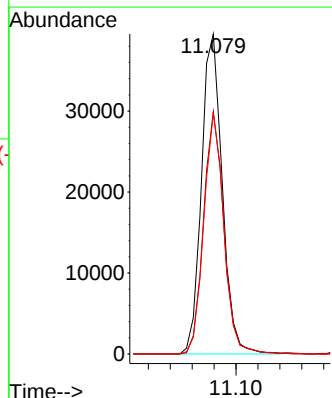
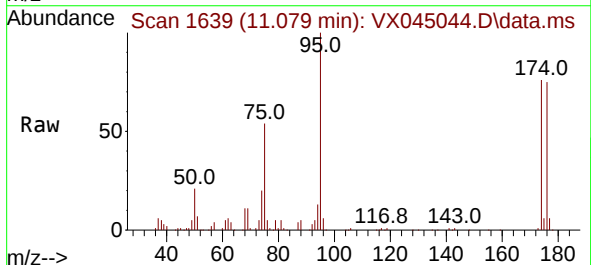
Ion	Ratio	Lower	Upper
43	100		
58	52.1	41.6	62.4
57	17.4	13.8	20.6



#60
4-Bromofluorobenzene
Concen: 29.168 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 95 Resp: 51813

Ion	Ratio	Lower	Upper
95	100		
174	74.1	59.5	89.3
176	72.6	55.5	83.3

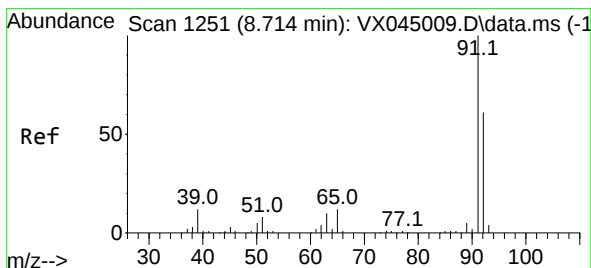
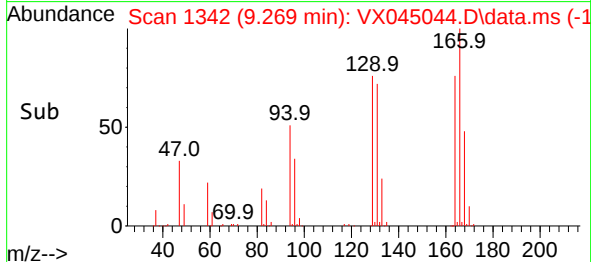
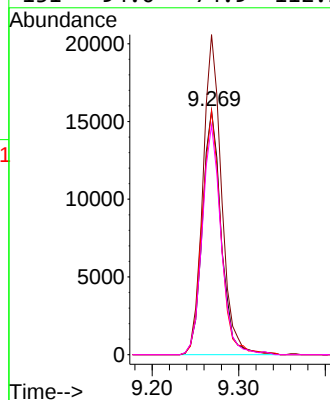
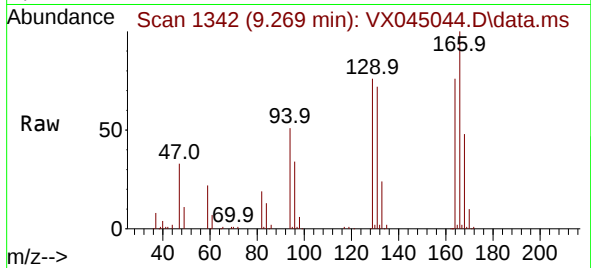




#61
Tetrachloroethene
Concen: 20.159 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

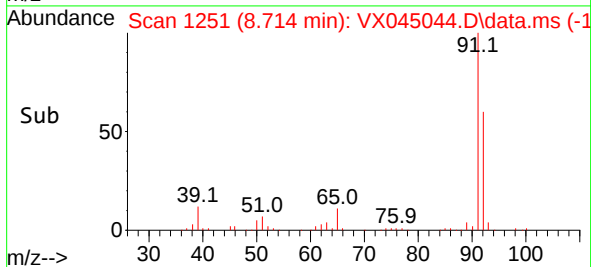
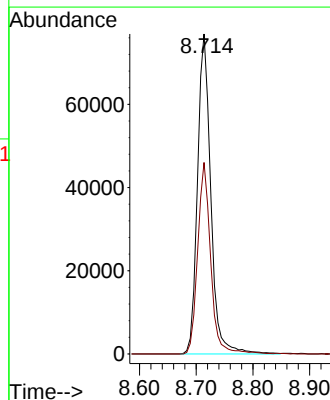
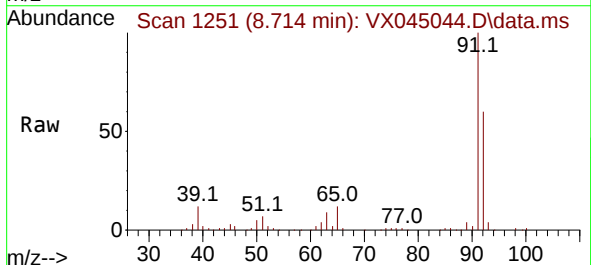
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

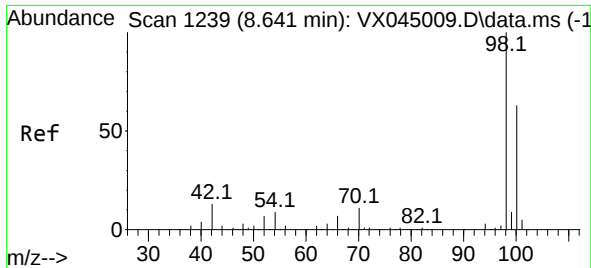
Tgt Ion:164	Resp:	23592
Ion	Ratio	Lower Upper
164	100	
166	131.1	100.3 150.5
129	100.0	75.5 113.3
131	94.0	74.9 112.3



#62
Toluene
Concen: 19.901 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 91	Resp:	125287
Ion	Ratio	Lower Upper
91	100	
92	58.5	46.9 70.3

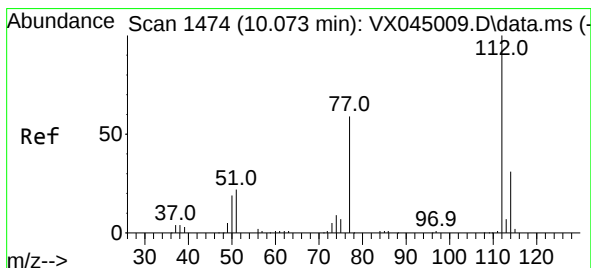
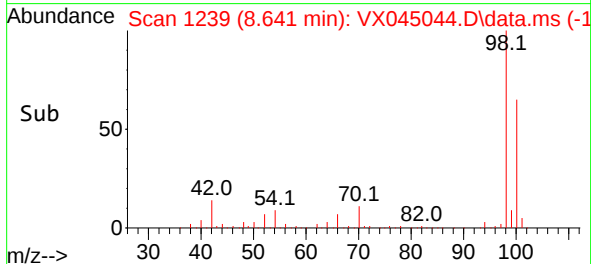
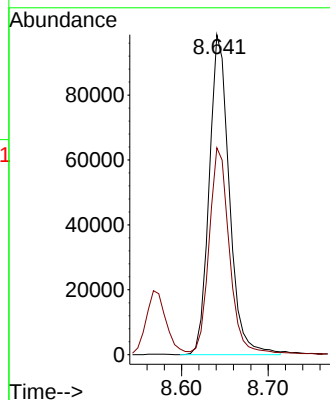
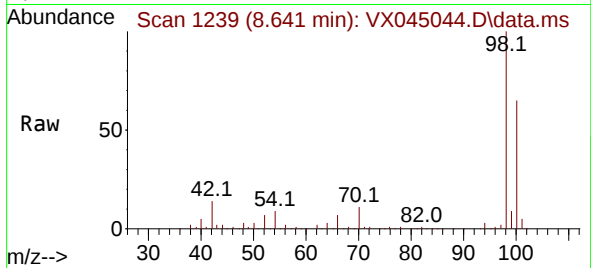




#63
Toluene-d8
Concen: 30.234 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

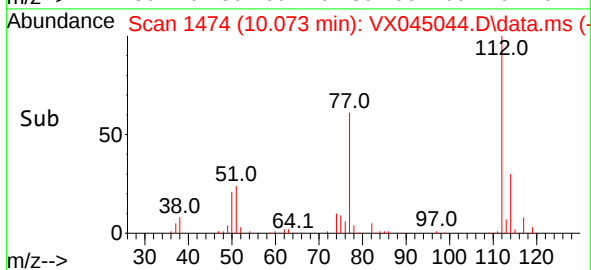
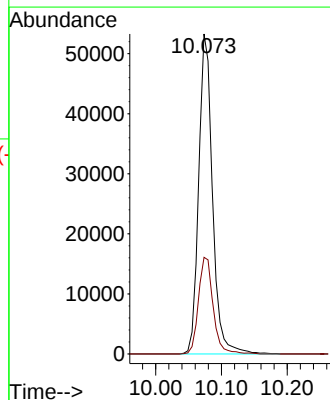
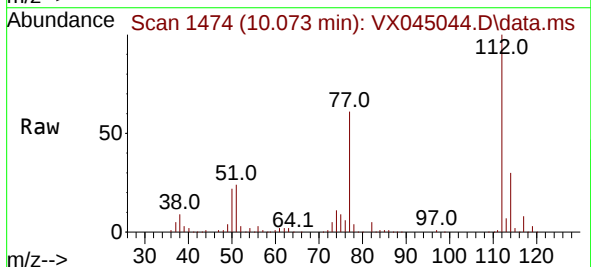
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

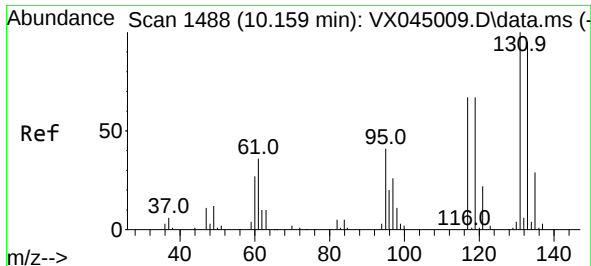
Tgt Ion: 98 Resp: 158959
Ion Ratio Lower Upper
98 100
100 65.5 51.7 77.5



#64
Chlorobenzene
Concen: 19.931 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 112 Resp: 77755
Ion Ratio Lower Upper
112 100
114 30.2 24.7 37.1





#65

1,1,1,2-Tetrachloroethane

Concen: 19.651 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

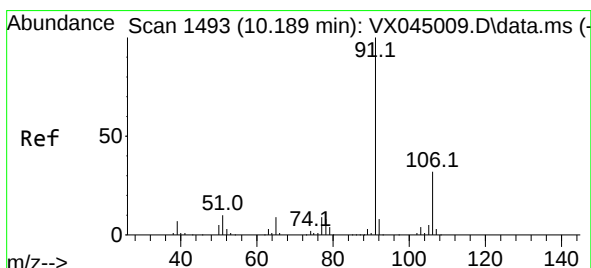
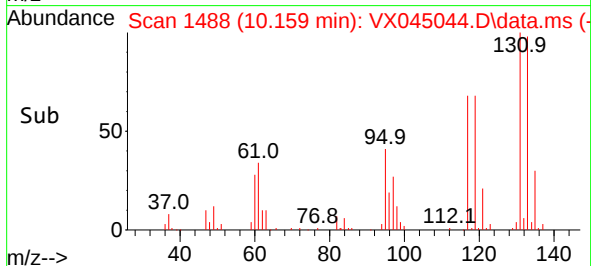
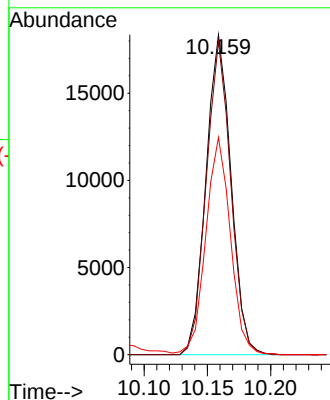
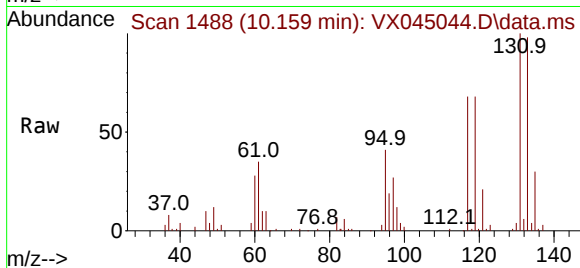
Tgt Ion:131 Resp: 25296

Ion Ratio Lower Upper

131 100

133 95.8 0.0 187.8

119 66.8 0.0 133.0



#66

Ethyl Benzene

Concen: 19.599 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX045044.D

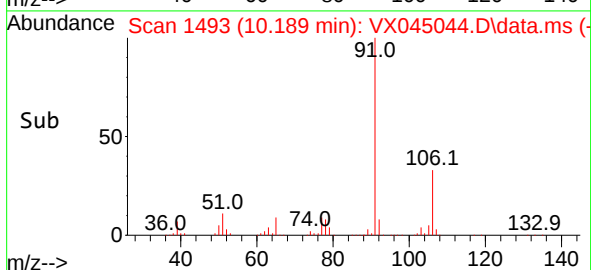
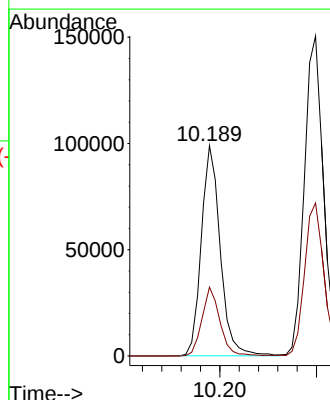
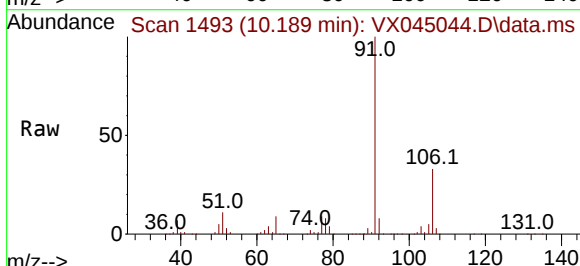
Acq: 26 Feb 2025 10:05

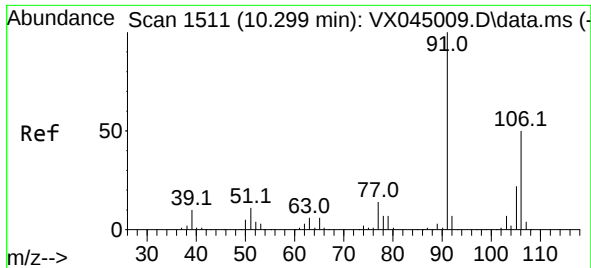
Tgt Ion: 91 Resp: 135083

Ion Ratio Lower Upper

91 100

106 32.7 25.4 38.2

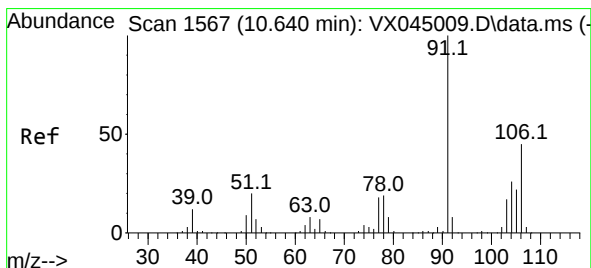
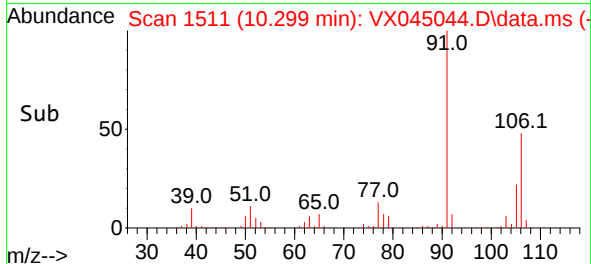
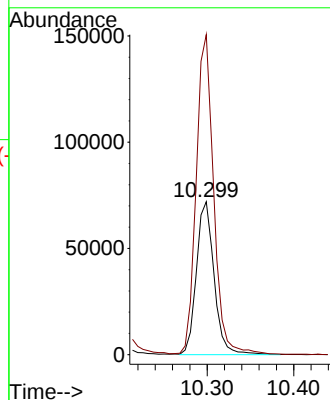
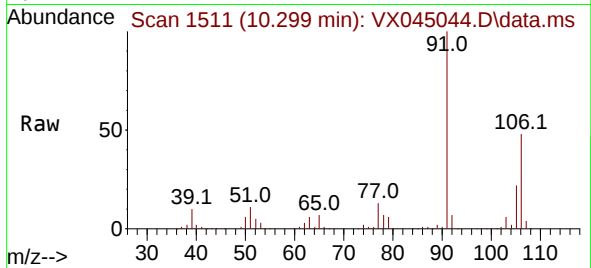




#67
m/p-Xylenes
Concen: 39.842 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

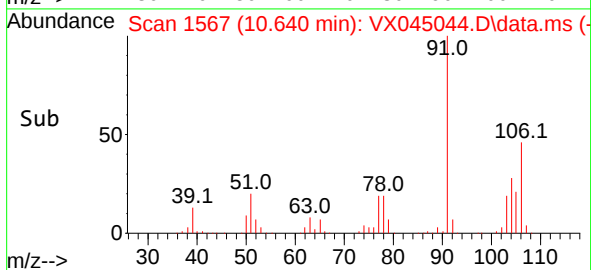
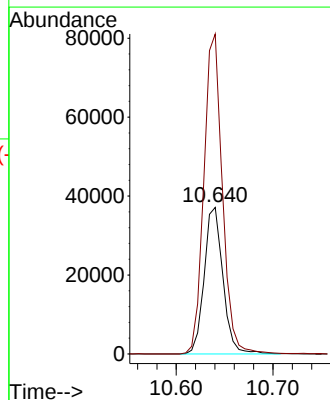
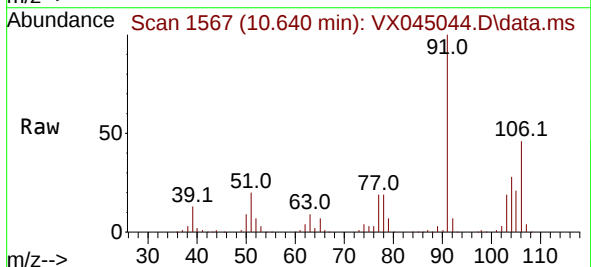
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

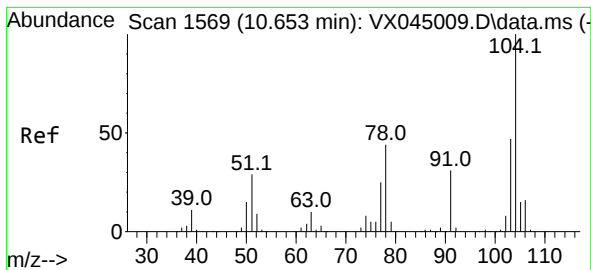
Tgt Ion:106 Resp: 102314
Ion Ratio Lower Upper
106 100
91 205.6 163.7 245.5



#68
o-Xylene
Concen: 19.944 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion:106 Resp: 50250
Ion Ratio Lower Upper
106 100
91 215.7 109.7 329.1





#69

Styrene

Concen: 19.756 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

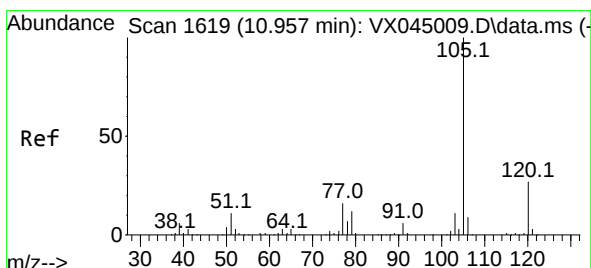
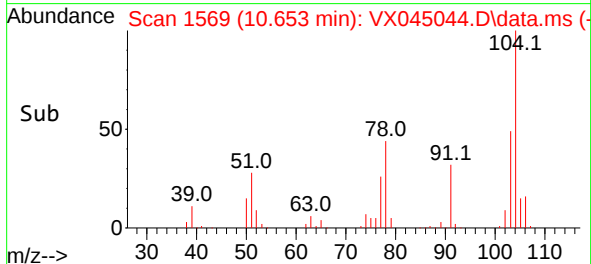
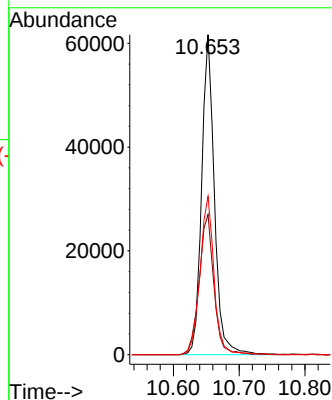
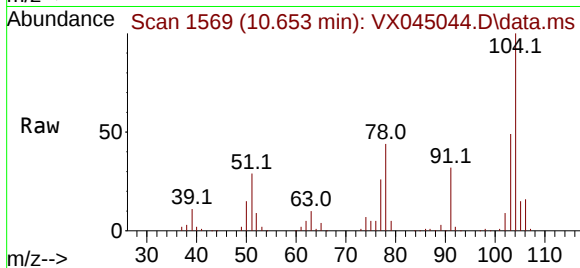
Tgt Ion:104 Resp: 83136

Ion Ratio Lower Upper

104 100

78 50.2 41.4 62.0

103 54.4 43.0 64.4



#70

Isopropylbenzene

Concen: 19.952 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX045044.D

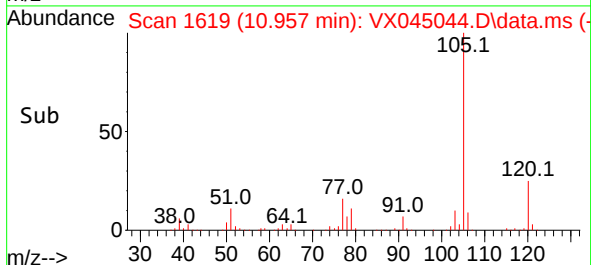
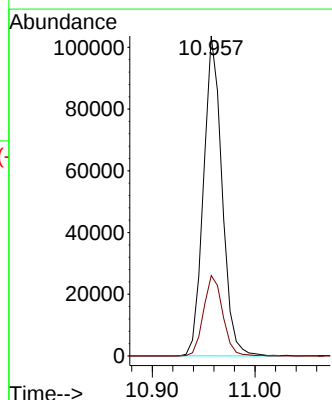
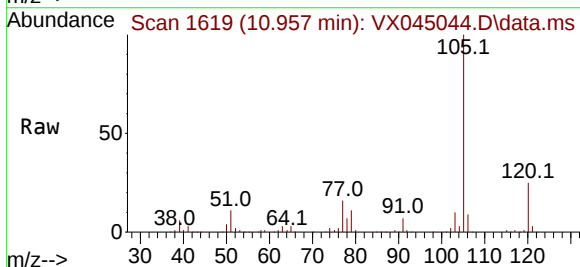
Acq: 26 Feb 2025 10:05

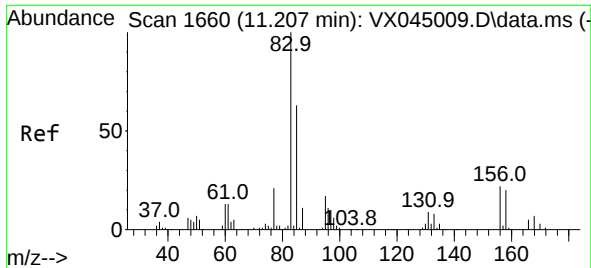
Tgt Ion:105 Resp: 129729

Ion Ratio Lower Upper

105 100

120 26.0 18.4 34.2

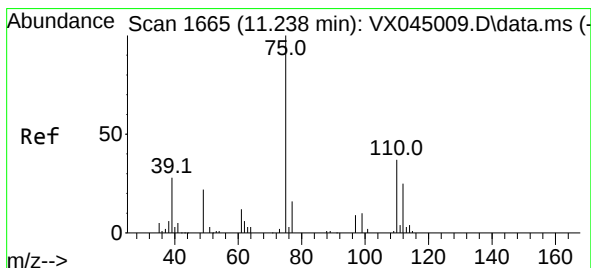
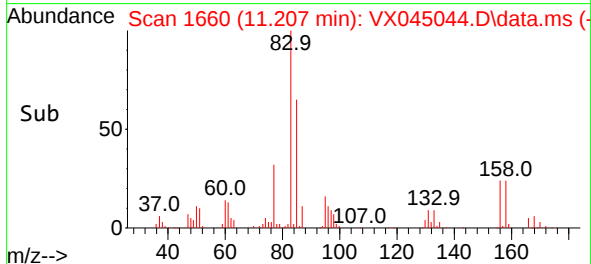
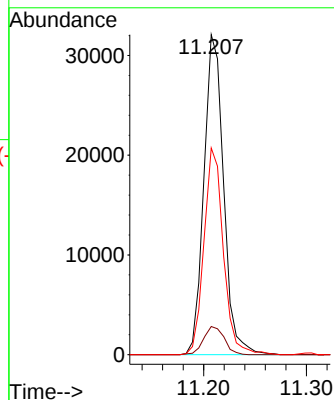
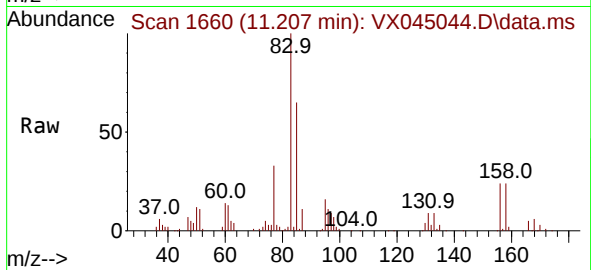




#71
1,1,2,2-Tetrachloroethane
Concen: 20.002 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

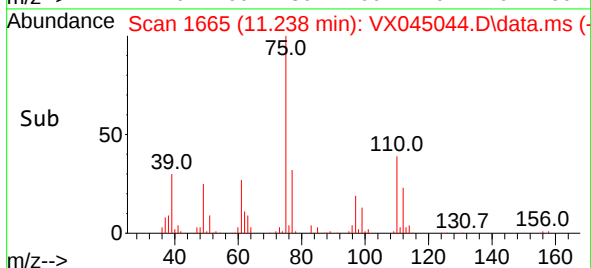
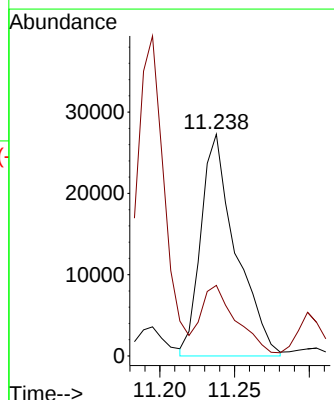
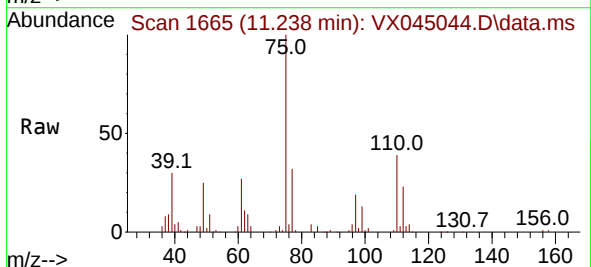
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

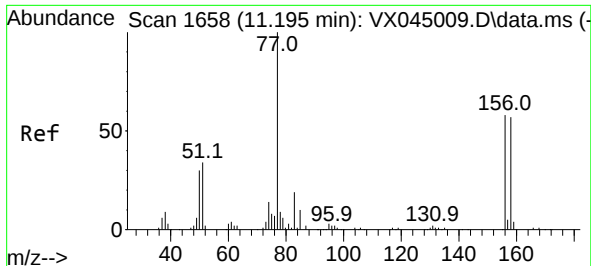
Tgt Ion: 83 Resp: 42766
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.3
85 63.6 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 25.220 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 75 Resp: 44351
Ion Ratio Lower Upper
75 100
77 33.0 0.0 84.0

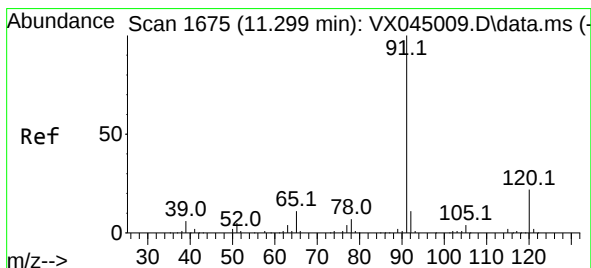
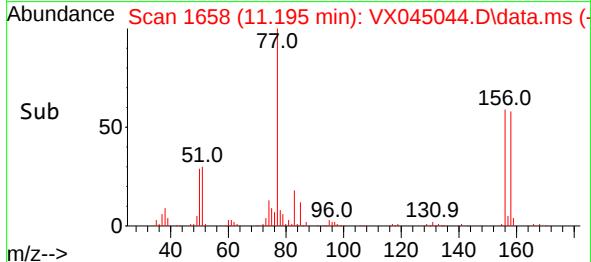
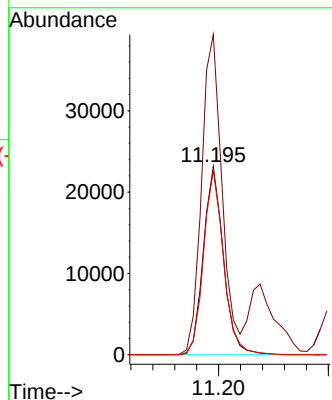
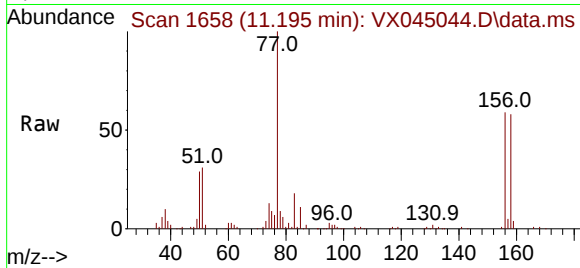




#73
Bromobenzene
Concen: 19.643 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

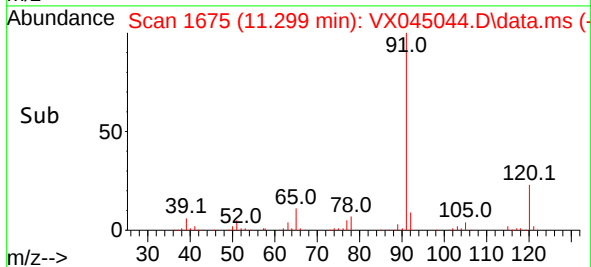
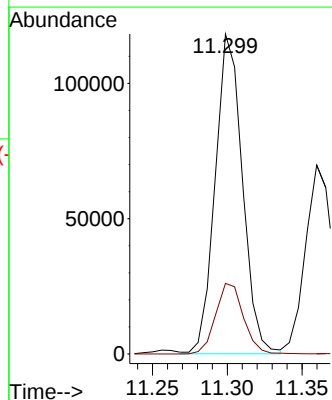
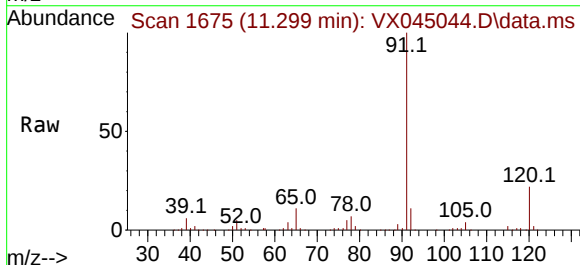
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

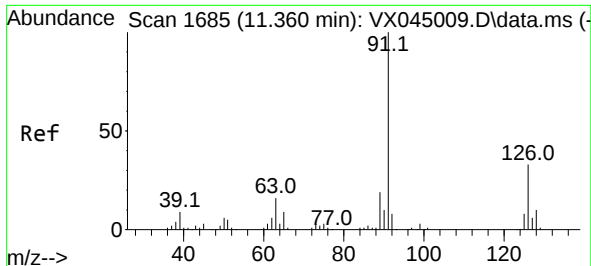
Tgt Ion:156 Resp: 29403
Ion Ratio Lower Upper
156 100
77 173.3 0.0 347.2
158 97.9 0.0 197.6



#74
n-propylbenzene
Concen: 19.336 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 91 Resp: 149615
Ion Ratio Lower Upper
91 100
120 22.6 0.0 44.2

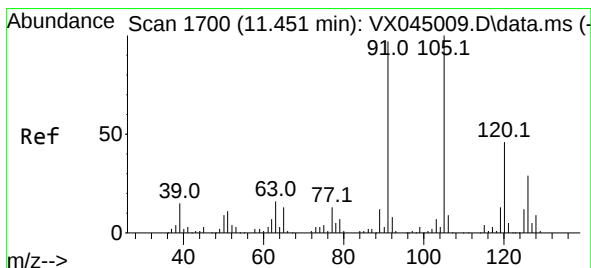
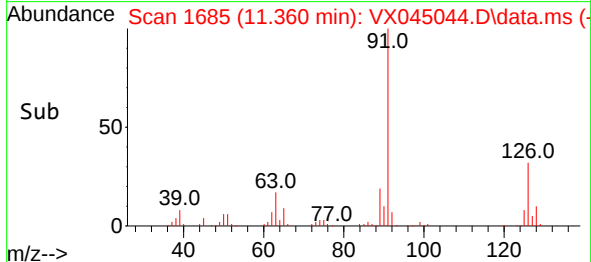
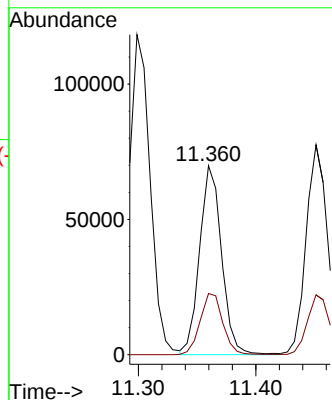
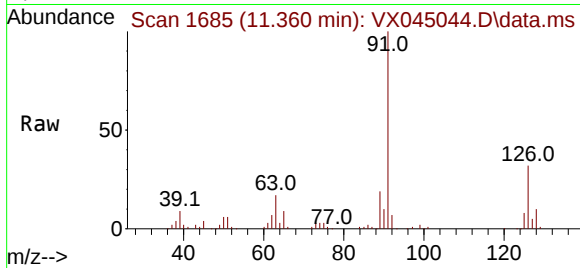




#75
2-Chlorotoluene
Concen: 19.437 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

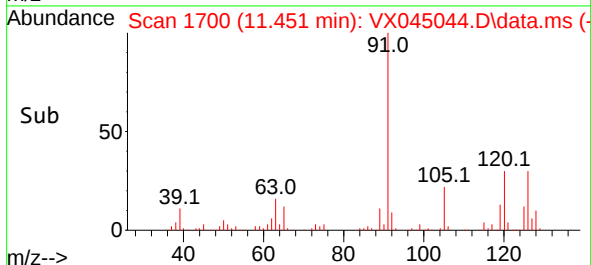
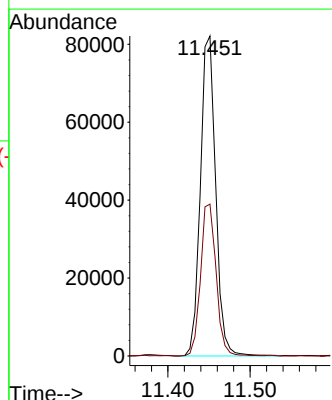
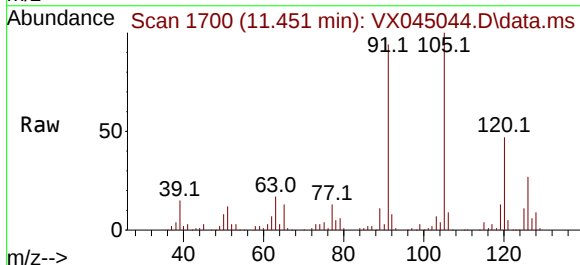
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

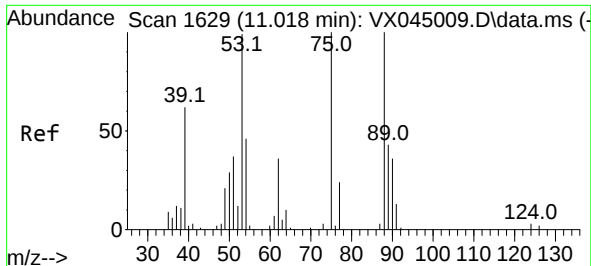
Tgt Ion: 91 Resp: 90923
Ion Ratio Lower Upper
91 100
126 33.4 0.0 65.4



#76
1,3,5-Trimethylbenzene
Concen: 19.787 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 105 Resp: 106138
Ion Ratio Lower Upper
105 100
120 48.3 0.0 94.4

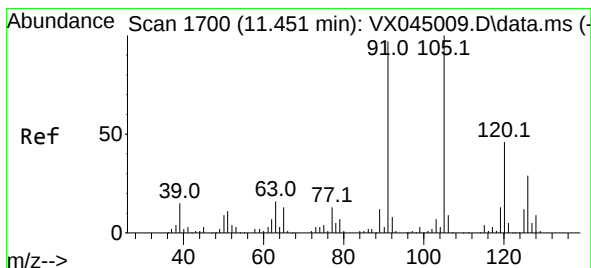
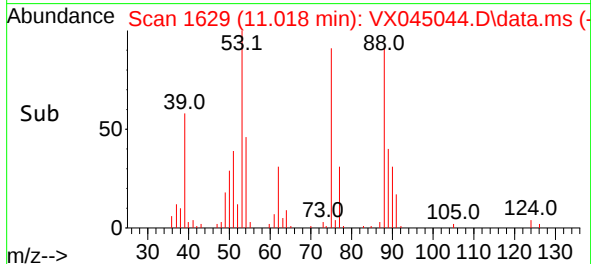
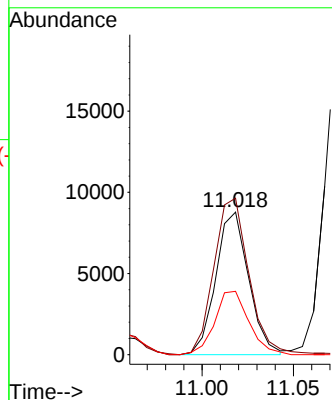
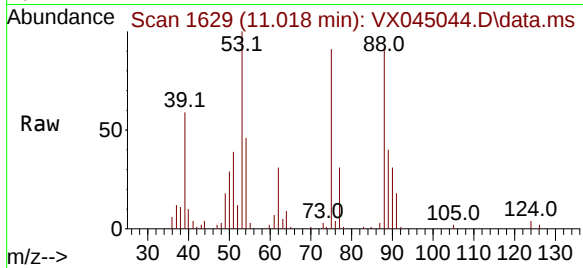




#77
t-1,4-Dichloro-2-butene
Concen: 18.590 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

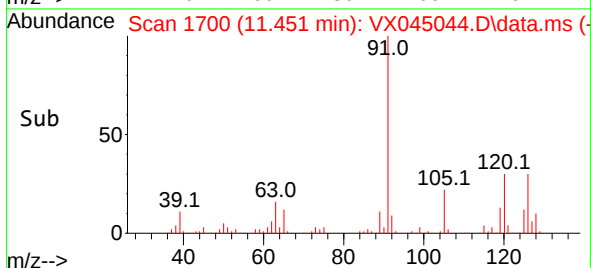
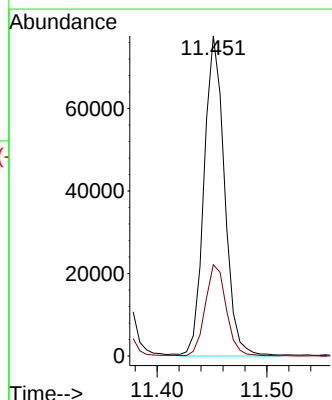
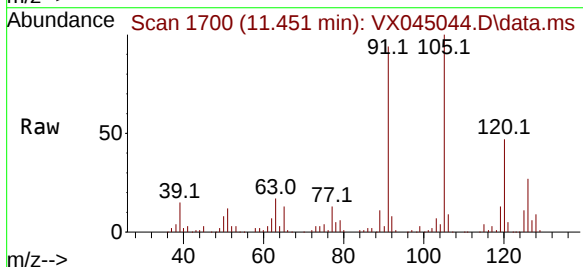
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

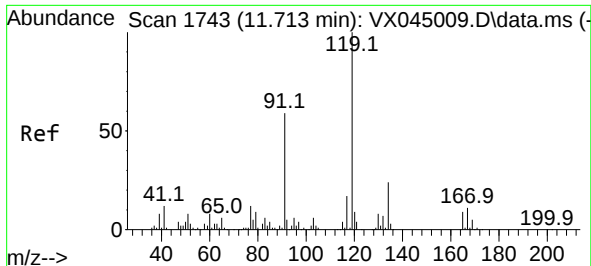
Tgt Ion: 75 Resp: 10999
Ion Ratio Lower Upper
75 100
53 109.7 49.8 149.4
89 44.4 21.4 64.2



#78
4-Chlorotoluene
Concen: 19.320 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 91 Resp: 100745
Ion Ratio Lower Upper
91 100
126 29.2 0.0 58.0

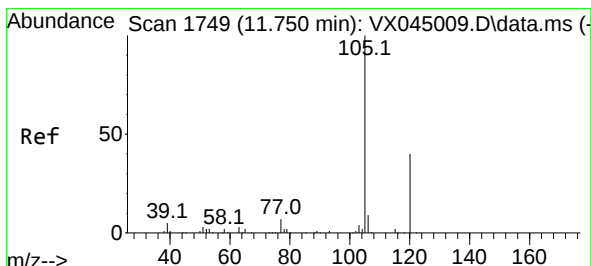
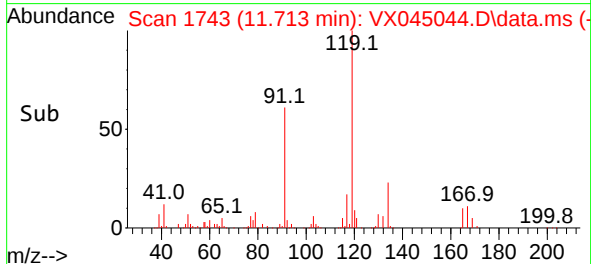
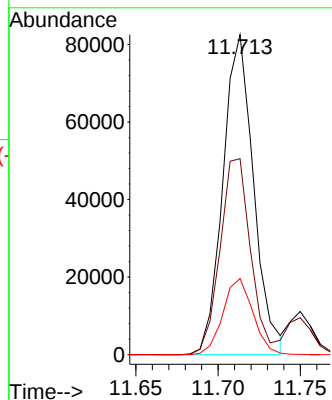
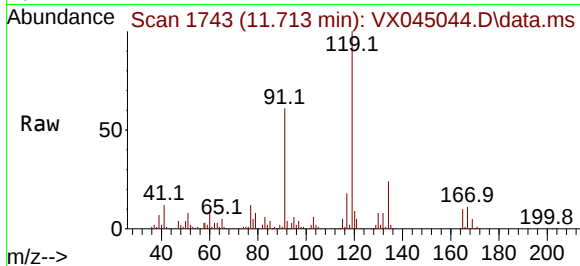




#79
tert-butylbenzene
Concen: 19.856 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

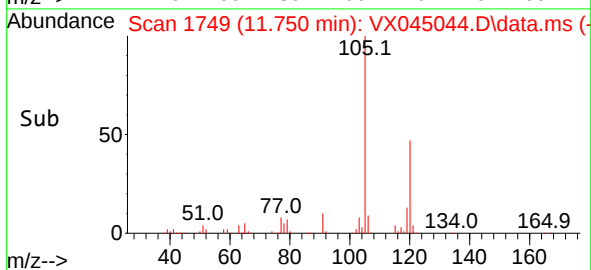
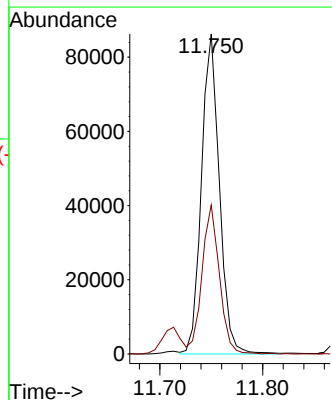
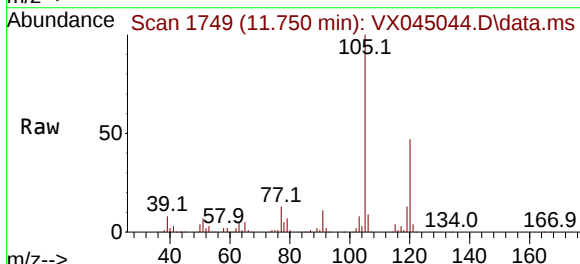
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

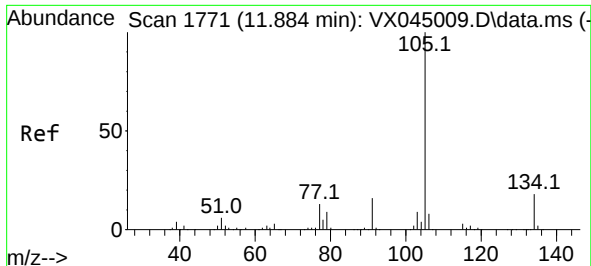
Tgt Ion:119 Resp: 107314
Ion Ratio Lower Upper
119 100
91 60.7 0.0 120.6
134 23.3 0.0 48.2



#80
1,2,4-Trimethylbenzene
Concen: 19.486 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion:105 Resp: 104704
Ion Ratio Lower Upper
105 100
120 45.2 0.0 88.4

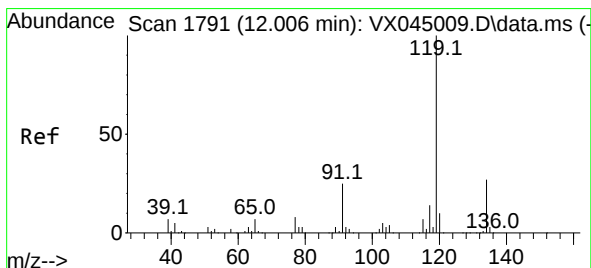
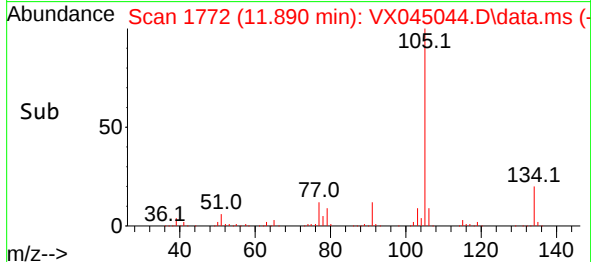
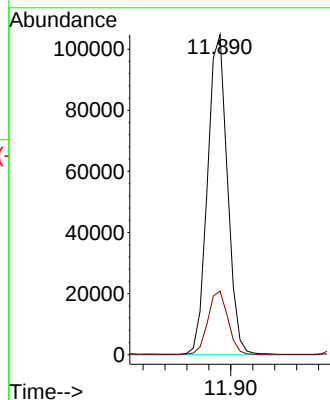
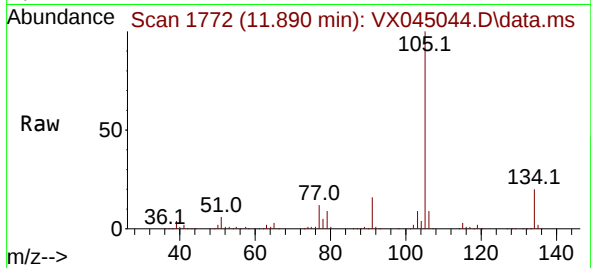




#81
sec-Butylbenzene
Concen: 19.487 ug/l
RT: 11.890 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

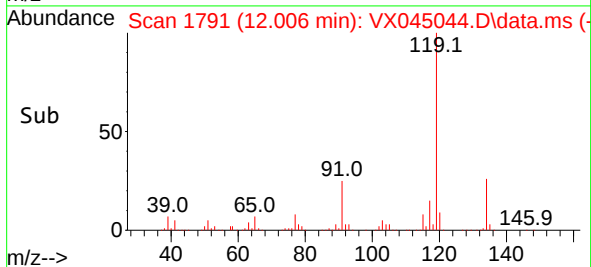
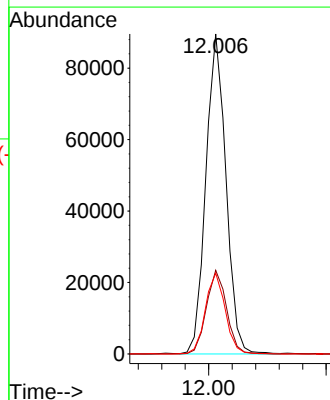
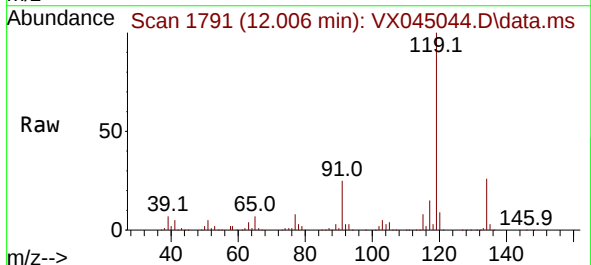
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:105 Resp: 132184
Ion Ratio Lower Upper
105 100
134 20.1 0.0 39.0



#82
p-Isopropyltoluene
Concen: 19.341 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion:119 Resp: 106300
Ion Ratio Lower Upper
119 100
134 26.2 0.0 52.6
91 25.0 0.0 51.0

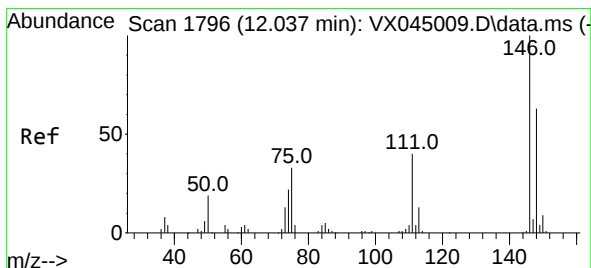
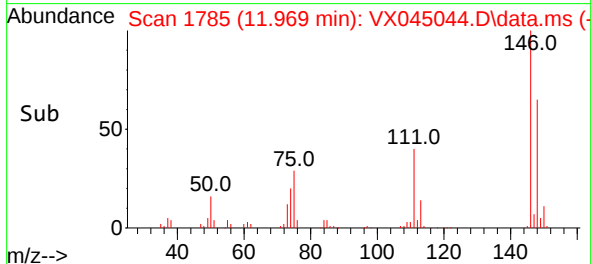
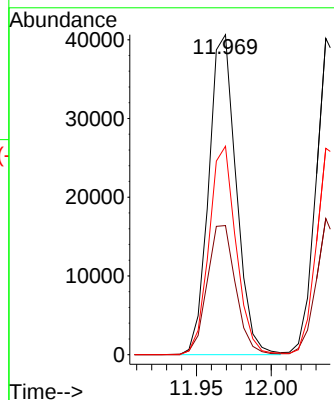
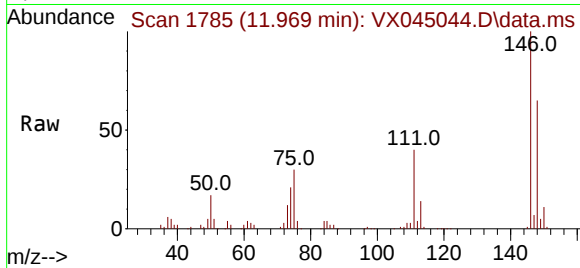




#83
1,3-Dichlorobenzene
Concen: 18.660 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

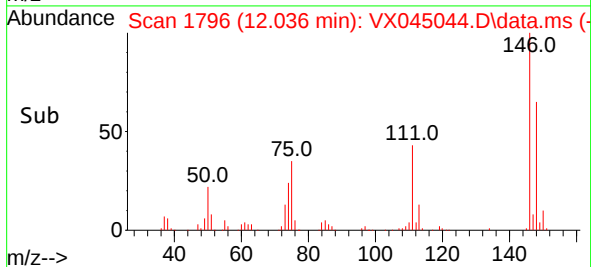
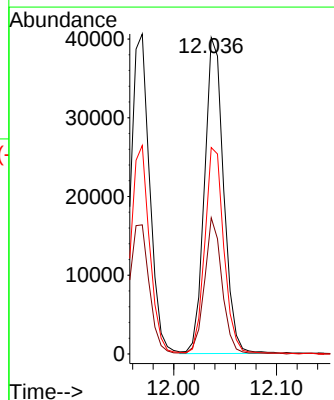
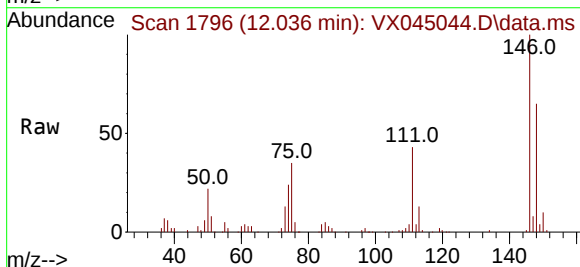
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

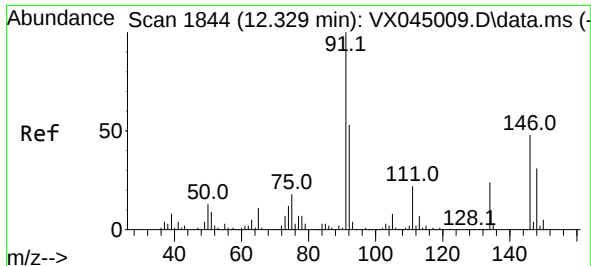
Tgt Ion:146 Resp: 51967
Ion Ratio Lower Upper
146 100
111 42.1 20.2 60.5
148 64.4 31.2 93.6



#84
1,4-Dichlorobenzene
Concen: 18.955 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion:146 Resp: 52050
Ion Ratio Lower Upper
146 100
111 39.3 20.4 61.2
148 64.4 31.8 95.4

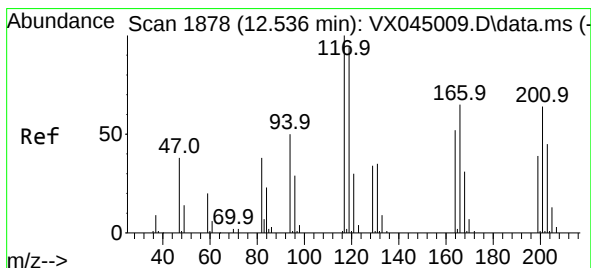
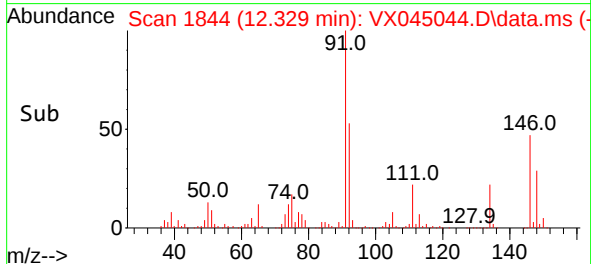
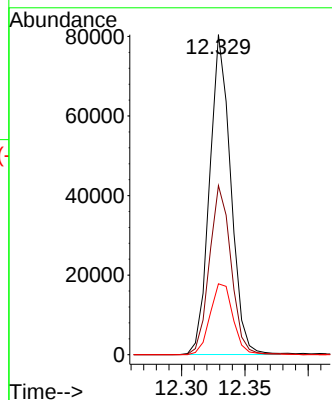
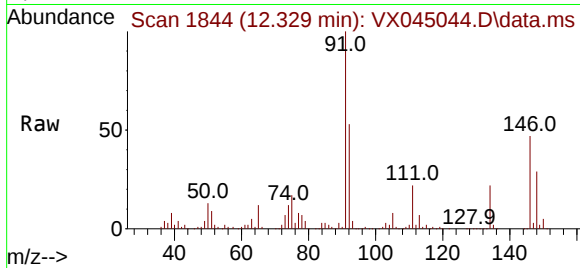




#85
n-Butylbenzene
Concen: 18.603 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

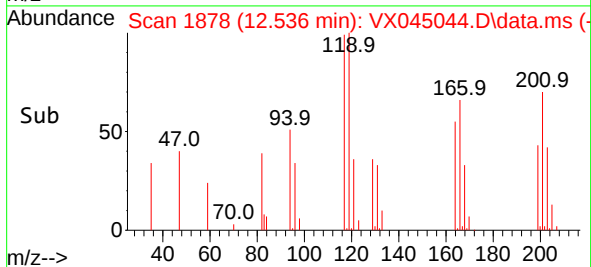
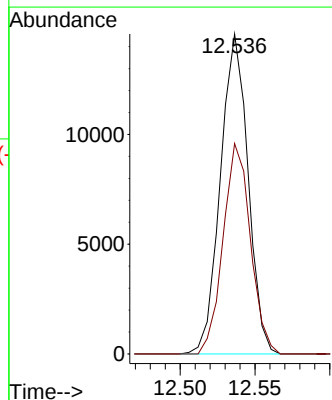
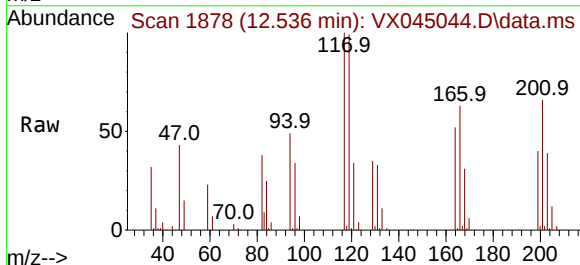
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

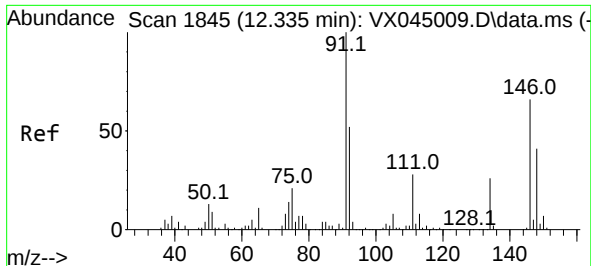
Tgt Ion: 91 Resp: 93367
Ion Ratio Lower Upper
91 100
92 54.2 0.0 105.2
134 24.3 0.0 49.4



#86
Hexachloroethane
Concen: 19.298 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion: 117 Resp: 18705
Ion Ratio Lower Upper
117 100
201 65.1 32.6 97.7

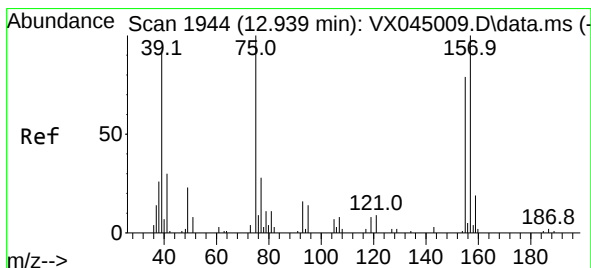
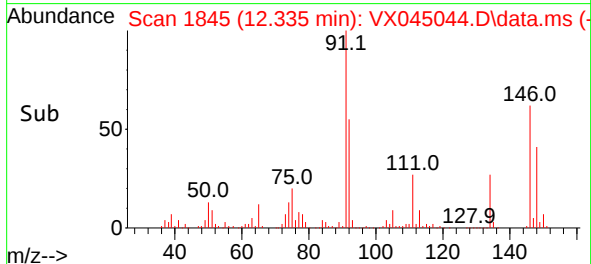
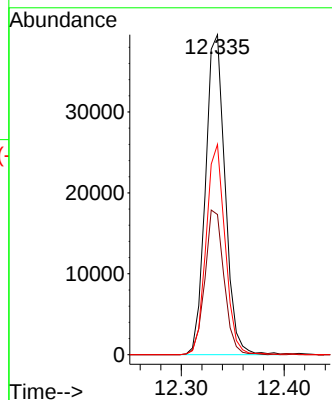
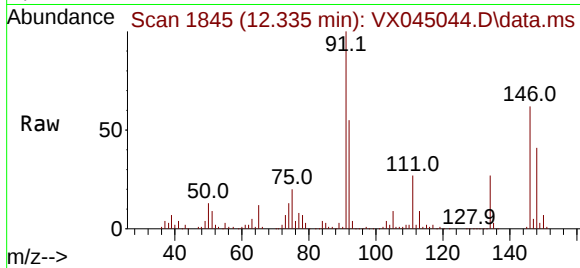




#87
 1,2-Dichlorobenzene
 Concen: 19.154 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX045044.D
 Acq: 26 Feb 2025 10:05

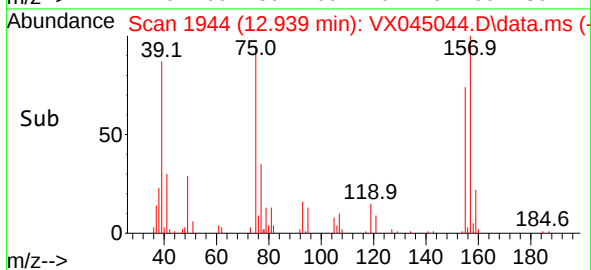
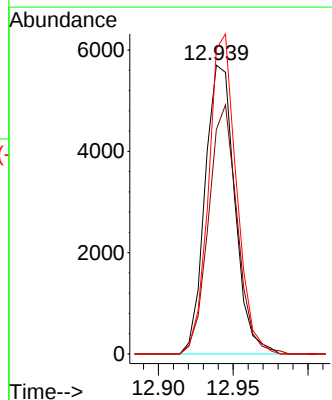
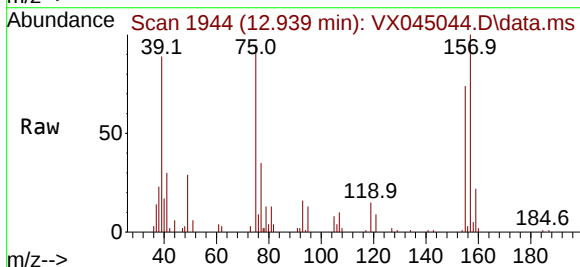
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

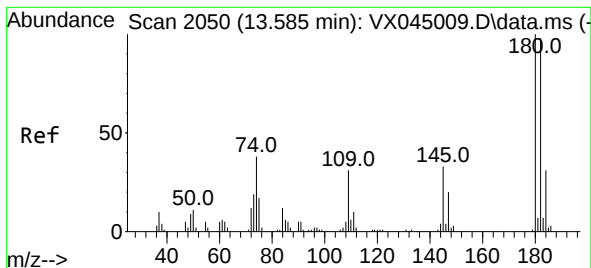
Tgt Ion:146 Resp: 52340
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.7 65.1
 148 63.6 31.8 95.4



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.050 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VX045044.D
 Acq: 26 Feb 2025 10:05

Tgt Ion: 75 Resp: 7886
 Ion Ratio Lower Upper
 75 100
 155 83.1 66.2 99.4
 157 103.8 81.4 122.2





#89

1,2,4-Trichlorobenzene

Concen: 18.317 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

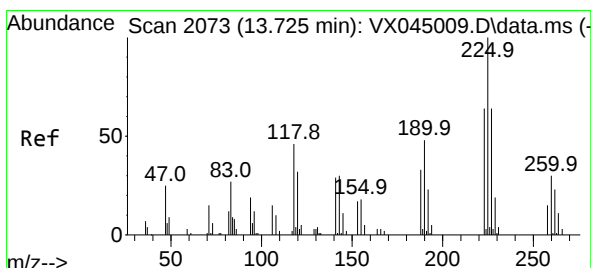
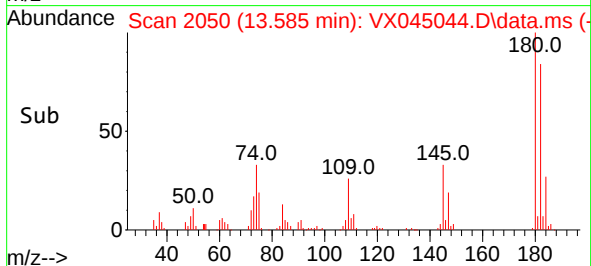
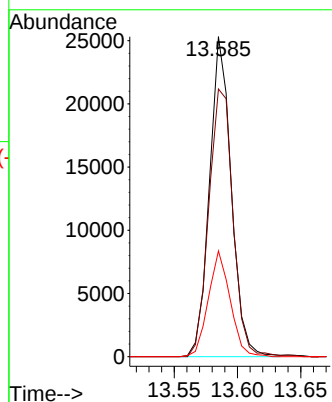
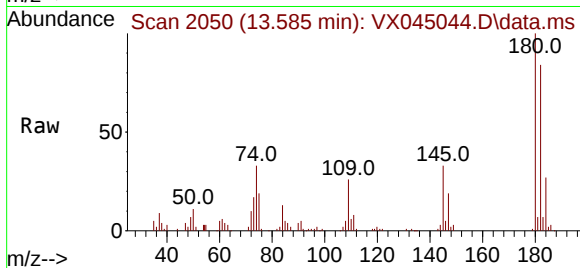
Tgt Ion:180 Resp: 30337

Ion Ratio Lower Upper

180 100

182 92.3 77.7 116.5

145 33.1 25.8 38.6



#90

Hexachlorobutadiene

Concen: 19.208 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX045044.D

Acq: 26 Feb 2025 10:05

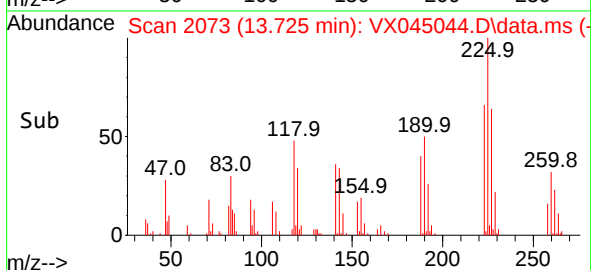
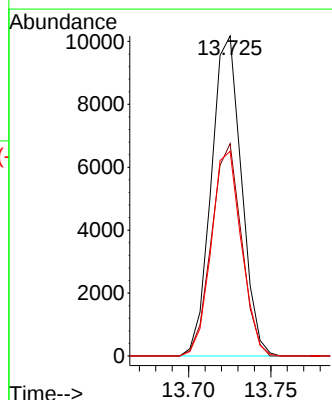
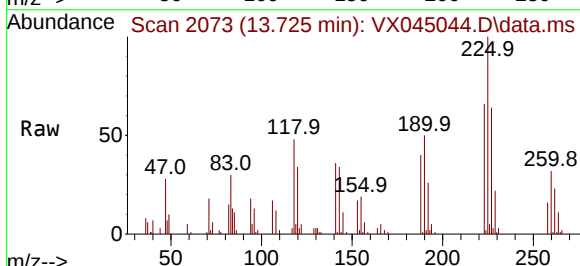
Tgt Ion:225 Resp: 12973

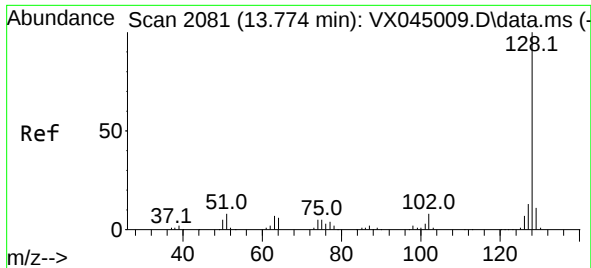
Ion Ratio Lower Upper

225 100

223 66.0 0.0 123.4

227 64.3 0.0 127.4

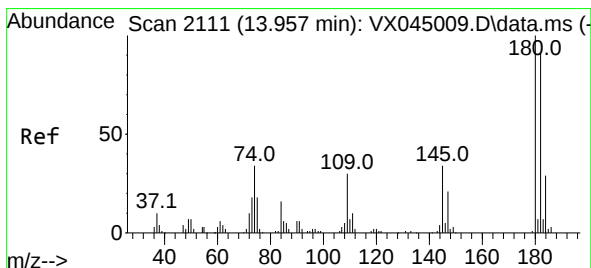
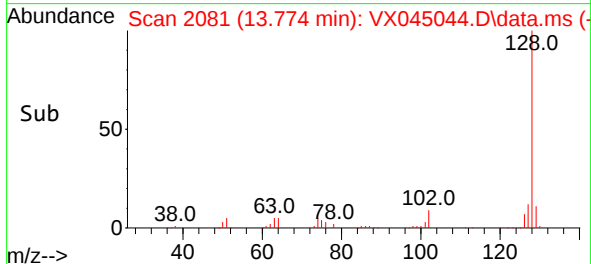
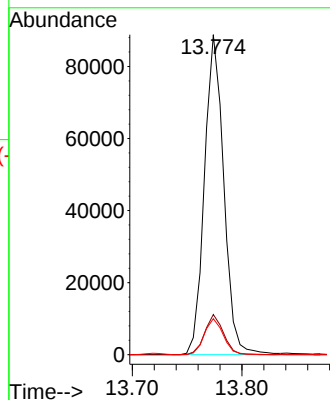
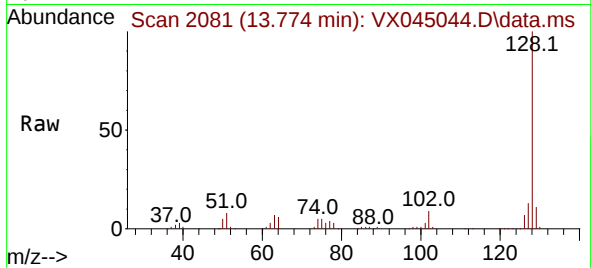




#91
Naphthalene
Concen: 18.639 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 108849
Ion Ratio Lower Upper
128 100
127 12.2 10.5 15.7
129 11.1 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 18.359 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045044.D
Acq: 26 Feb 2025 10:05

Tgt Ion:180 Resp: 31303
Ion Ratio Lower Upper
180 100
182 94.0 0.0 186.6
145 33.3 0.0 68.4

