

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020425\
 Data File : VX044828.D
 Acq On : 04 Feb 2025 09:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 05 08:33:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 03 07:31:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	247190	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	211522	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	94293	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	84336	45.325	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.640%
7) Chloroethane-d5	1.642	69	32349	45.764	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.520%
11) 1,1-Dichloroethene-d2	2.294	65	38521	48.433	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.860%
21) 2-Butanone-d5	4.452	46	100097	125.836	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.840%
24) Chloroform-d	5.050	84	164403	50.282	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.560%
26) 1,2-Dichloroethane-d4	5.946	65	97736	49.800	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.600%
32) Benzene-d6	5.964	84	325698	49.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.500%
36) 1,2-Dichloropropane-d6	7.300	67	105450	50.372	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.740%
41) Toluene-d8	8.641	98	284743	48.644	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.280%
43) trans-1,3-Dichloroprop...	8.946	79	48868	49.213	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.420%
47) 2-Hexanone-d5	9.385	63	63697	102.811	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.810%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	137748	52.951	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.900%
66) 1,2-Dichlorobenzene-d4	12.317	152	93869	50.878	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	96951	54.841	ug/L	92
3) Chloromethane	1.307	50	105914	48.591	ug/L	99
5) Vinyl chloride	1.374	62	104733	52.320	ug/L	100
6) Bromomethane	1.593	94	29842	55.080	ug/L	97
8) Chloroethane	1.666	64	45914	57.446	ug/L	100
9) Trichlorofluoromethane	1.874	101	142001	63.625	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	91365	55.648	ug/L	98
12) 1,1-Dichloroethene	2.307	96	83637	54.591	ug/L	86
13) Acetone	2.380	43	83601	105.395	ug/L	99
14) Carbon disulfide	2.502	76	235700	50.239	ug/L	100
15) Methyl Acetate	2.703	43	105105	57.261	ug/L	97
16) Methylene chloride	2.782	84	93939	53.609	ug/L	98
17) trans-1,2-Dichloroethene	3.081	96	86964	54.262	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	299940	54.283	ug/L	98
19) 1,1-Dichloroethane	3.599	63	172587	55.075	ug/L	99
20) cis-1,2-Dichloroethene	4.477	96	101702	53.013	ug/L	98
22) 2-Butanone	4.550	43	138716	106.054	ug/L	100
23) Bromochloromethane	4.891	128	49316	52.123	ug/L	96
25) Chloroform	5.080	83	168175	52.895	ug/L	100

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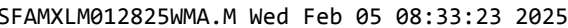
Instrument :
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 ClientSampleId :

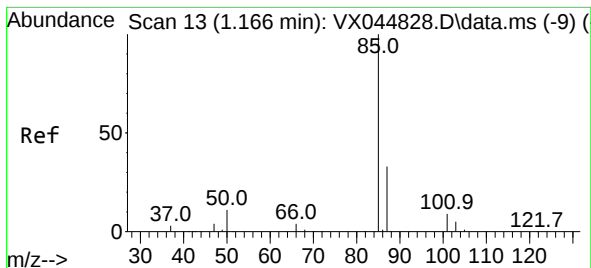
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 03 07:31:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	128654	53.936	ug/L	100
29) Cyclohexane	5.458	56	175445	54.032	ug/L	97
30) 1,1,1-Trichloroethane	5.373	97	142658	53.307	ug/L	100
31) Carbon tetrachloride	5.672	117	120790	52.632	ug/L	100
33) Benzene	6.031	78	379674	54.466	ug/L	100
34) Trichloroethene	7.117	95	94600	53.328	ug/L	99
35) Methylcyclohexane	7.373	83	163996	54.039	ug/L	100
37) 1,2-Dichloropropane	7.421	63	100424	53.261	ug/L	100
38) Bromodichloromethane	7.818	83	125279	52.940	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	162226	52.995	ug/L	98
40) 4-Methyl-2-pentanone	8.568	43	281270	112.844	ug/L	97
42) Toluene	8.714	91	389662	54.484	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	145129	52.959	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	94897	53.920	ug/L	98
46) Tetrachloroethene	9.269	164	66521	52.807	ug/L	99
48) 2-Hexanone	9.427	43	203516	113.948	ug/L	98
49) Dibromochloromethane	9.519	129	92579	52.159	ug/L	100
50) 1,2-Dibromoethane	9.604	107	96622	52.381	ug/L	98
51) Chlorobenzene	10.073	112	240459	53.857	ug/L	99
52) Ethylbenzene	10.189	91	425015	54.367	ug/L	100
53) m,p-Xylene	10.299	106	158777	54.100	ug/L	98
54) o-Xylene	10.640	106	156504	54.100	ug/L	98
55) Styrene	10.653	104	263090	55.103	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.207	83	146816	53.766	ug/L	99
59) Bromoform	10.799	173	62938	50.458	ug/L	99
60) Isopropylbenzene	10.957	105	407935	53.868	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	109374	52.539	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	334935	53.913	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	333391	54.182	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	166437	53.464	ug/L	99
65) 1,4-Dichlorobenzene	12.036	146	166022	53.577	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	165490	53.618	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.939	75	28766	50.712	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	109850	53.850	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	100013	54.382	ug/L	98
71) Naphthalene	13.774	128	387380	54.313	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	101995	54.693	ug/L	98

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

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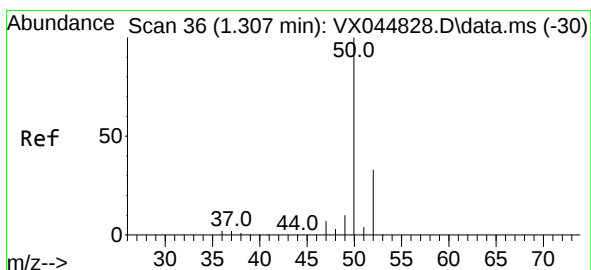
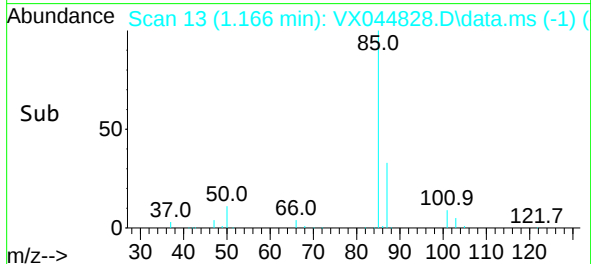
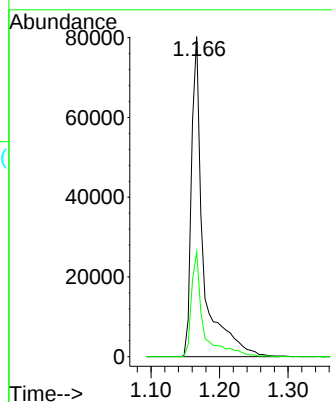
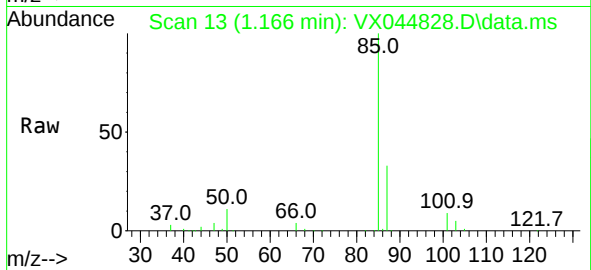




#2
Dichlorodifluoromethane
Concen: 54.841 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

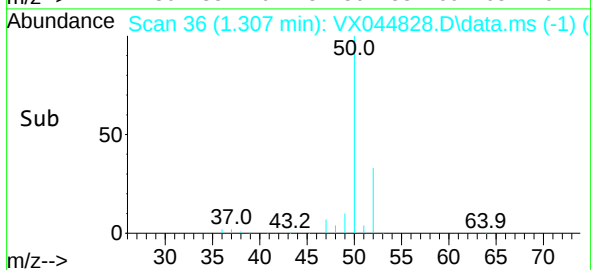
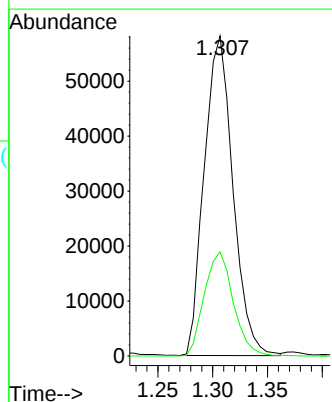
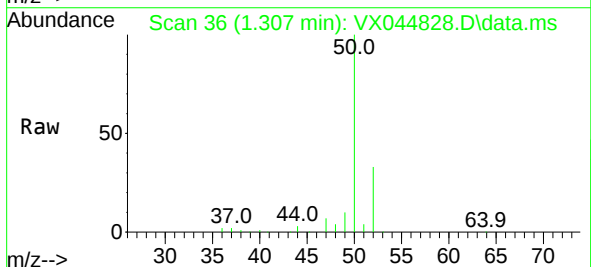
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MSVOA_V
ClientSampleId :

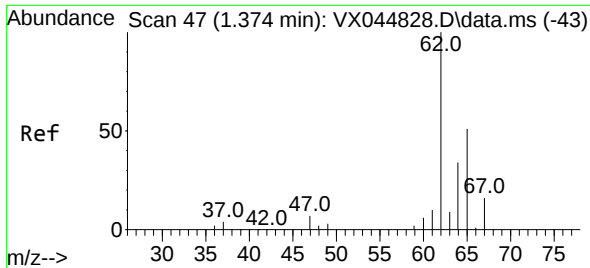
Tgt Ion: 85 Resp: 96951
Ion Ratio Lower Upper
85 100
87 27.9 25.9 38.9



#3
Chloromethane
Concen: 48.591 ug/L
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

Tgt Ion: 50 Resp: 105914
Ion Ratio Lower Upper
50 100
52 32.6 23.3 43.3

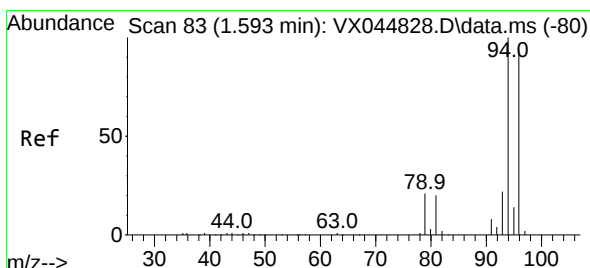
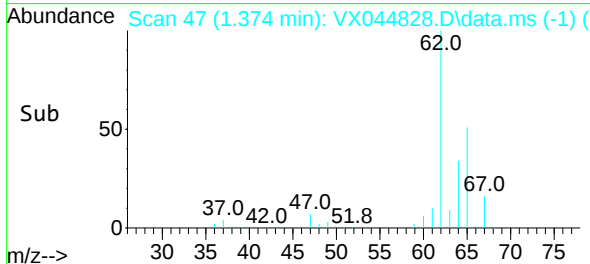
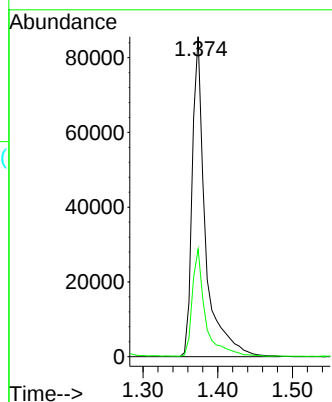
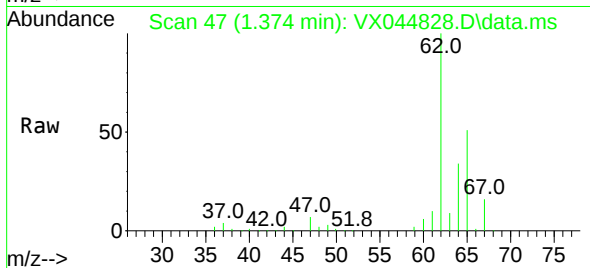




#5
 Vinyl chloride
 Concen: 52.320 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX044828.D
 Acq: 04 Feb 2025 09:56

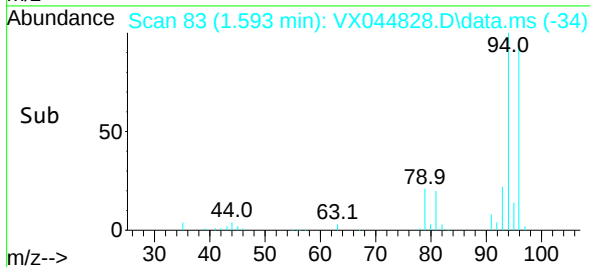
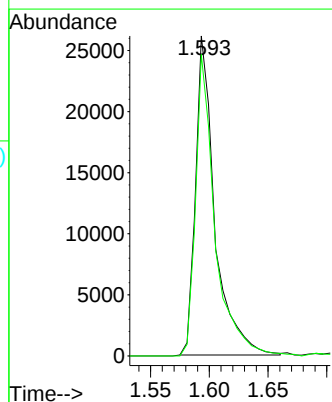
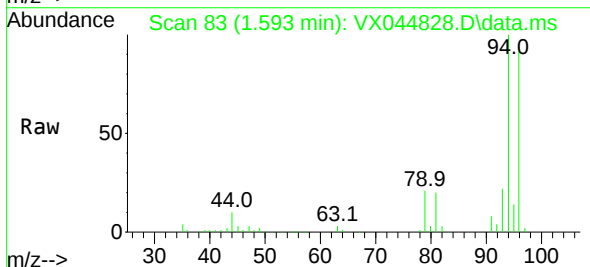
Instrument :
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 ClientSampleId :

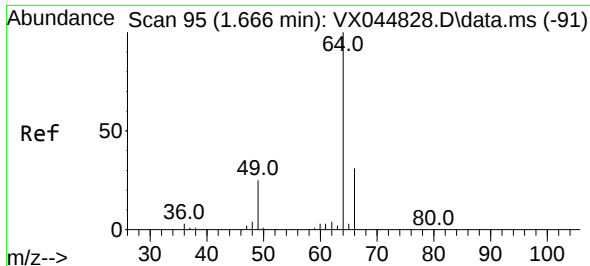
Tgt Ion: 62 Resp: 104733
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.7 44.1



#6
 Bromomethane
 Concen: 55.080 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VX044828.D
 Acq: 04 Feb 2025 09:56

Tgt Ion: 94 Resp: 29842
 Ion Ratio Lower Upper
 94 100
 96 94.2 64.3 119.3

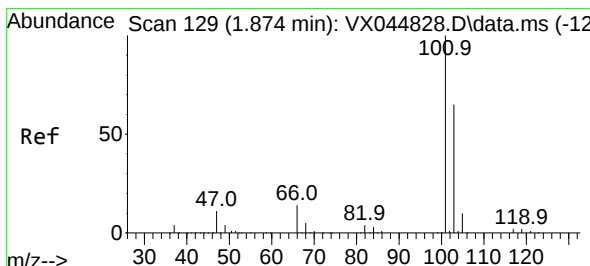
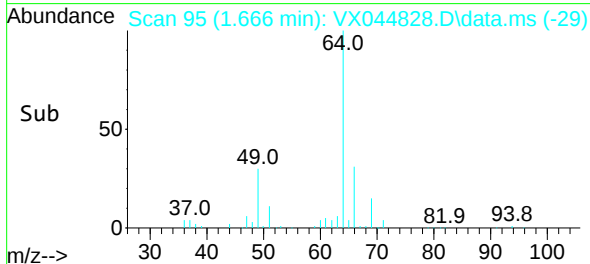
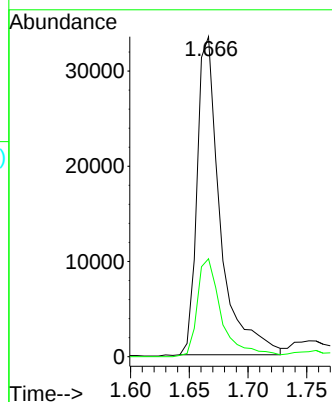
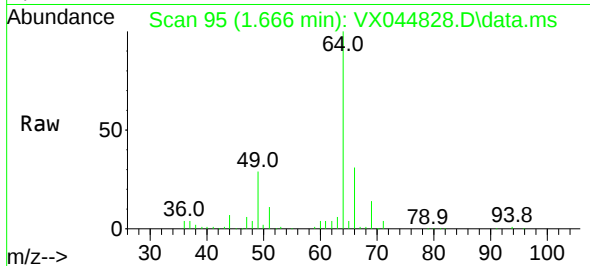




#8
Chloroethane
Concen: 57.446 ug/L
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

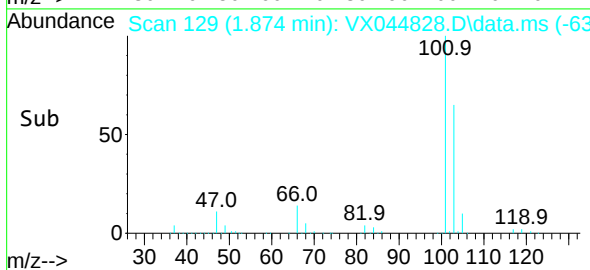
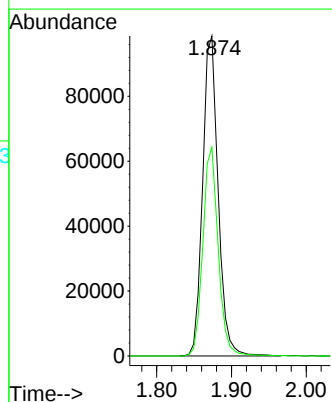
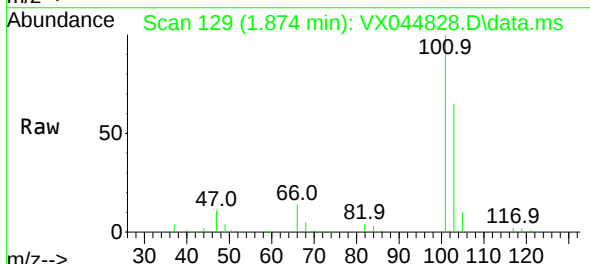
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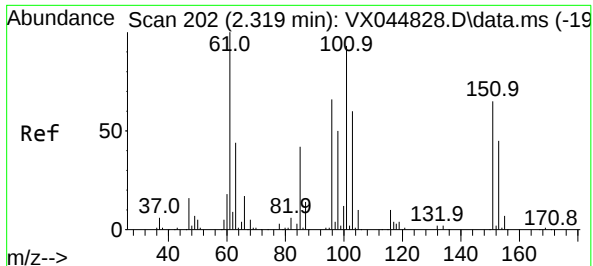
Tgt Ion: 64 Resp: 45914
Ion Ratio Lower Upper
64 100
66 30.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 63.625 ug/L
RT: 1.874 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

Tgt Ion:101 Resp: 142001
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.2

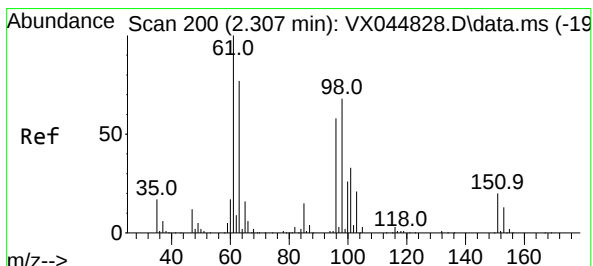
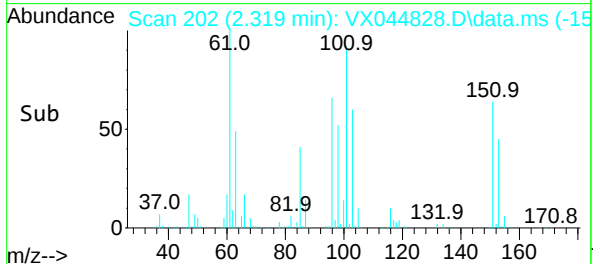
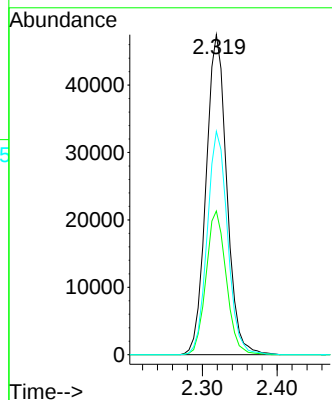
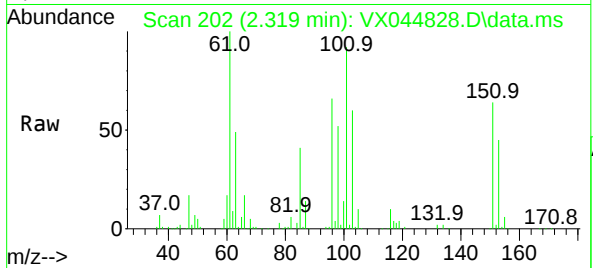




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 55.648 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX044828.D
 Acq: 04 Feb 2025 09:56

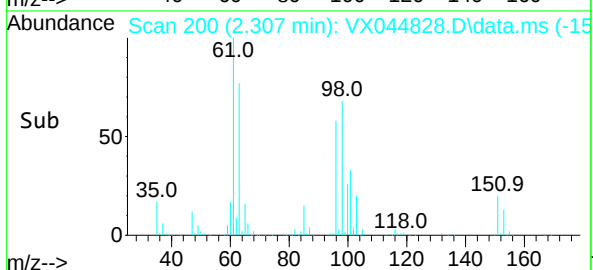
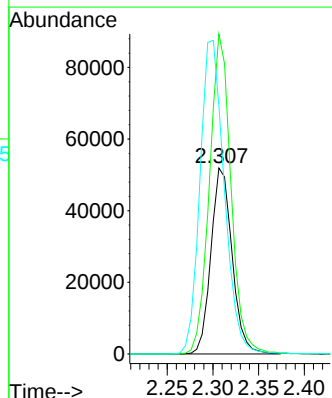
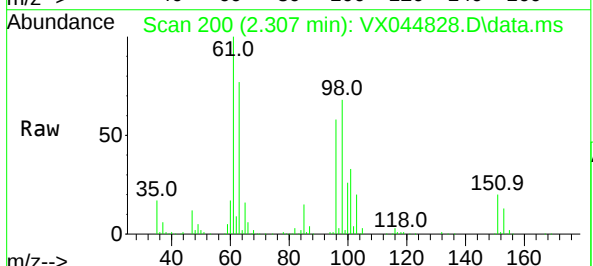
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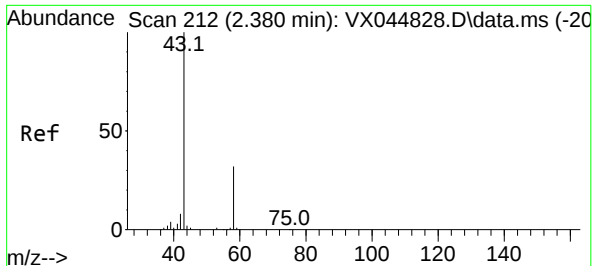
Tgt Ion:101 Resp: 91365
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.4 53.0
 151 68.6 57.0 85.4



#12
 1,1-Dichloroethene
 Concen: 54.591 ug/L
 RT: 2.307 min Scan# 200
 Delta R.T. -0.006 min
 Lab File: VX044828.D
 Acq: 04 Feb 2025 09:56

Tgt Ion: 96 Resp: 83637
 Ion Ratio Lower Upper
 96 100
 61 172.1 115.1 213.8
 63 133.4 74.1 137.5





#13

Acetone

Concen: 105.395 ug/L

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX044828.D

Acq: 04 Feb 2025 09:56

Instrument :

MSVOA_V

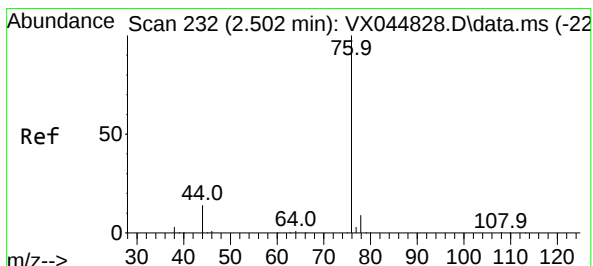
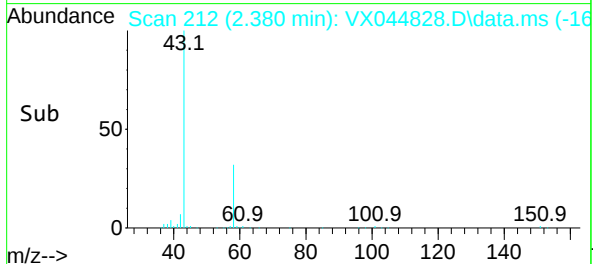
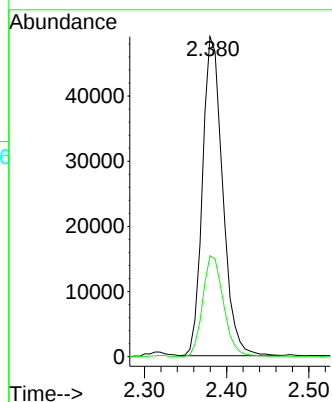
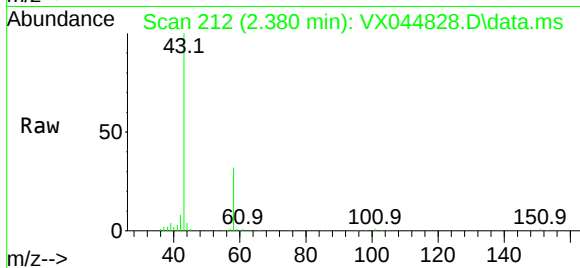
ClientSampleId :

Tgt Ion: 43 Resp: 83601

Ion Ratio Lower Upper

43 100

58 32.7 0.0 64.6



#14

Carbon disulfide

Concen: 50.239 ug/L

RT: 2.502 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX044828.D

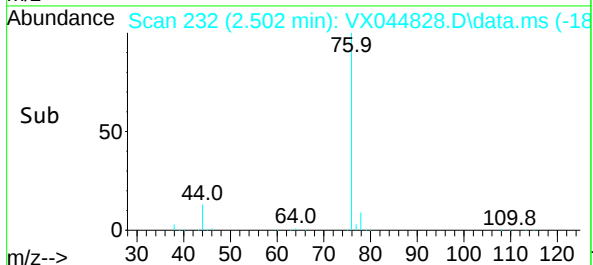
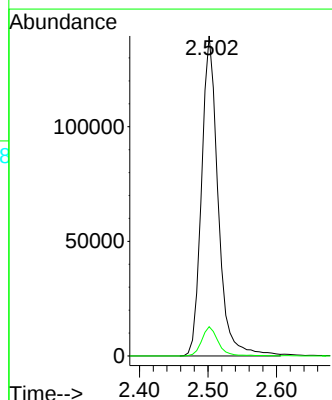
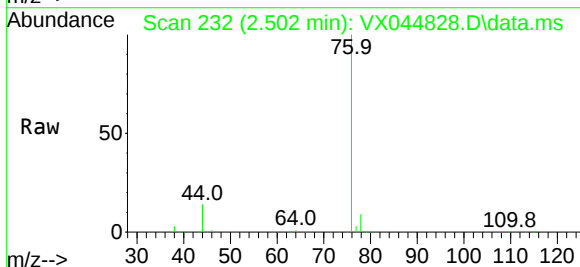
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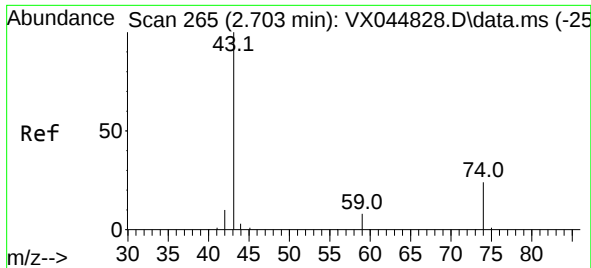
Tgt Ion: 76 Resp: 235700

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

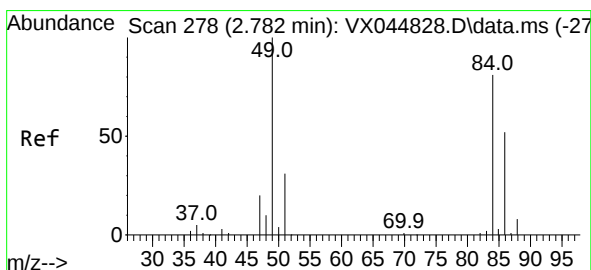
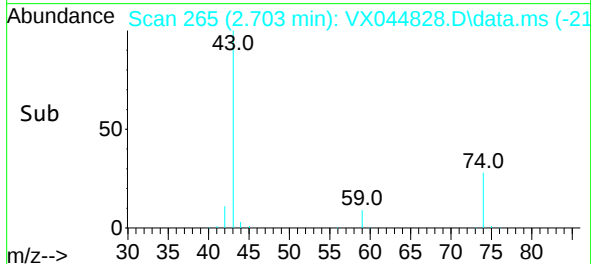
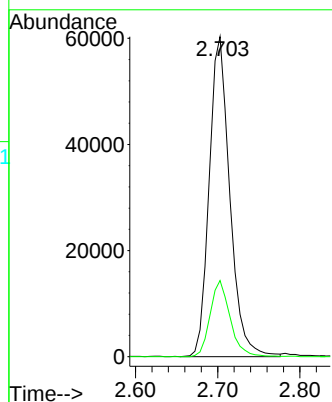
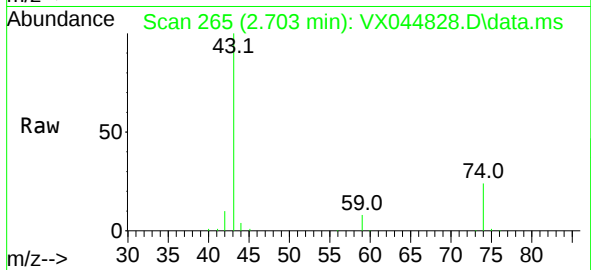




#15
Methyl Acetate
Concen: 57.261 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

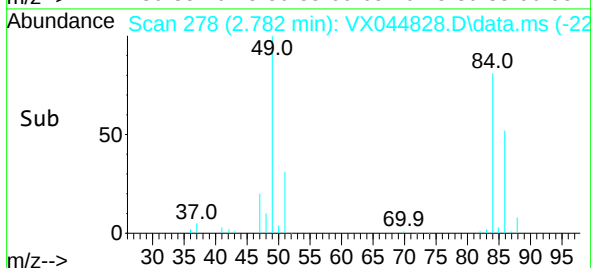
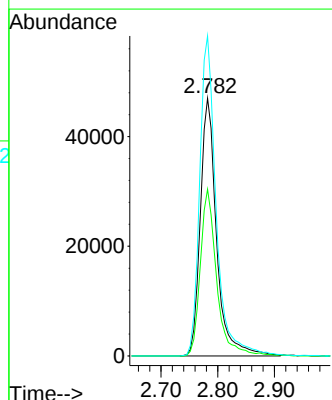
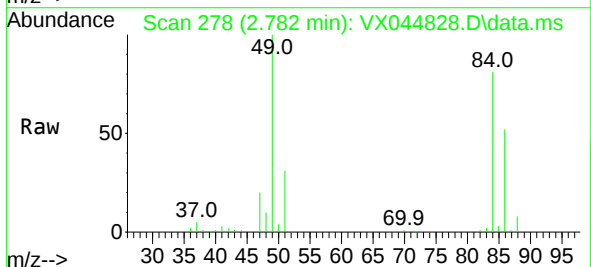
Instrument :
MSVOA_V
ClientSampleId :

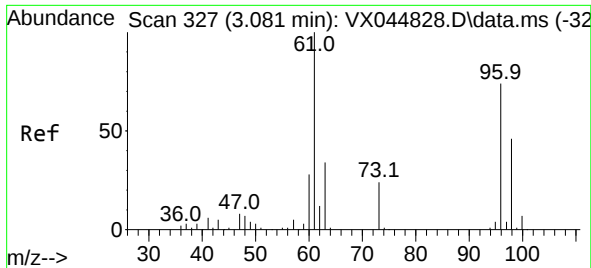
Tgt Ion: 43 Resp: 105105
Ion Ratio Lower Upper
43 100
74 23.2 19.7 29.5



#16
Methylene chloride
Concen: 53.609 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

Tgt Ion: 84 Resp: 93939
Ion Ratio Lower Upper
84 100
86 64.7 45.6 84.8
49 124.2 84.6 157.0

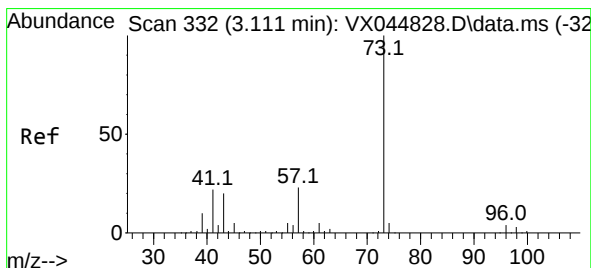
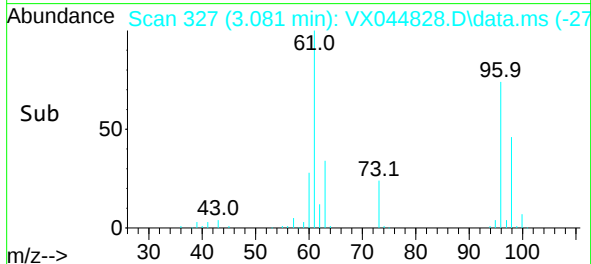
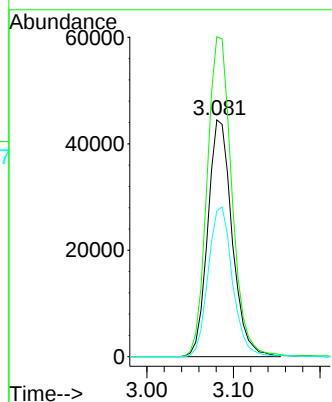
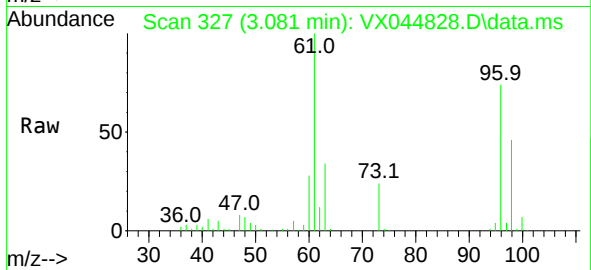




#17
 trans-1,2-Dichloroethene
 Concen: 54.262 ug/L
 RT: 3.081 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VX044828.D
 Acq: 04 Feb 2025 09:56

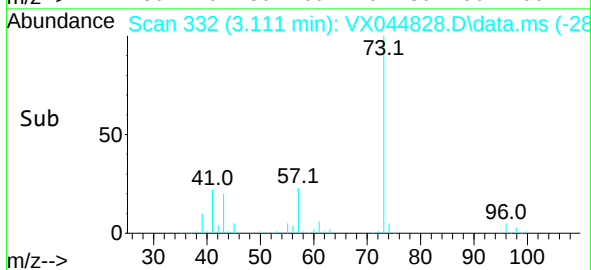
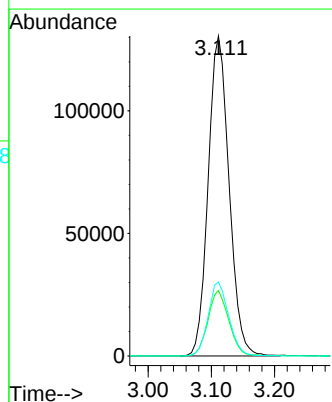
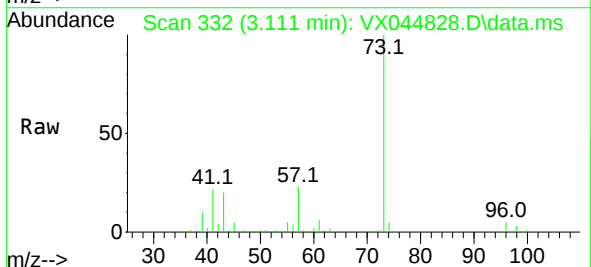
Instrument :
 MSVOA_V
 ClientSampleId :

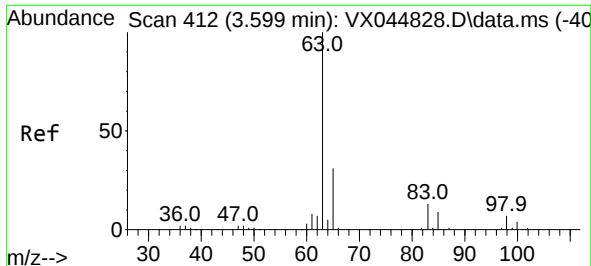
Tgt Ion: 96 Resp: 86964
 Ion Ratio Lower Upper
 96 100
 61 135.1 98.3 182.7
 98 61.6 44.1 81.9



#18
 Methyl tert-butyl Ether
 Concen: 54.283 ug/L
 RT: 3.111 min Scan# 332
 Delta R.T. -0.000 min
 Lab File: VX044828.D
 Acq: 04 Feb 2025 09:56

Tgt Ion: 73 Resp: 299940
 Ion Ratio Lower Upper
 73 100
 43 20.4 16.9 25.3
 57 22.7 17.4 26.0





#19

1,1-Dichloroethane

Concen: 55.075 ug/L

RT: 3.599 min Scan# 412

Delta R.T. -0.000 min

Lab File: VX044828.D

Acq: 04 Feb 2025 09:56

Instrument :

MSVOA_V

ClientSampleId :

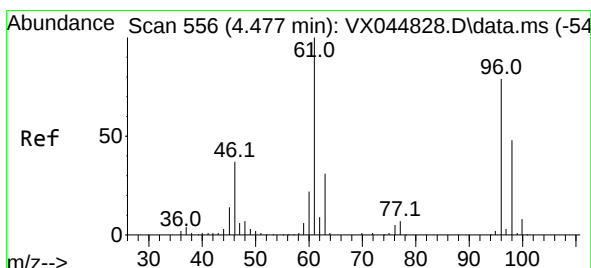
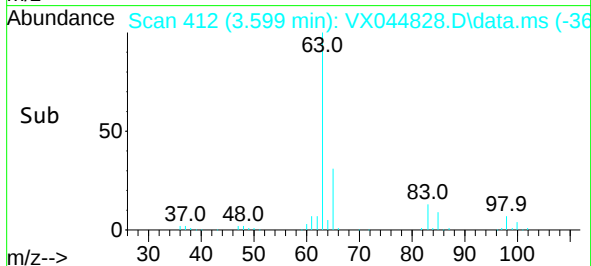
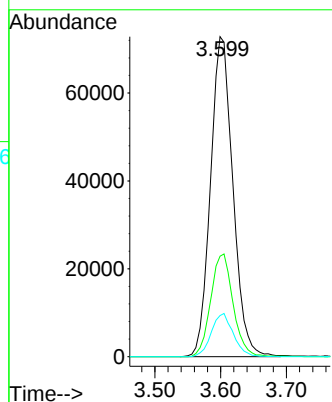
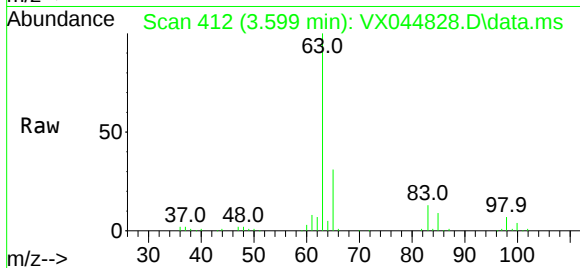
Tgt Ion: 63 Resp: 172587

Ion Ratio Lower Upper

63 100

65 31.4 21.8 40.6

83 12.9 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 53.013 ug/L

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX044828.D

Acq: 04 Feb 2025 09:56

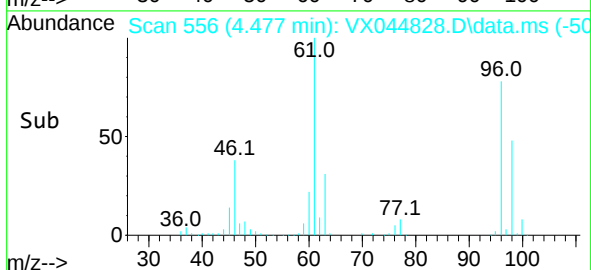
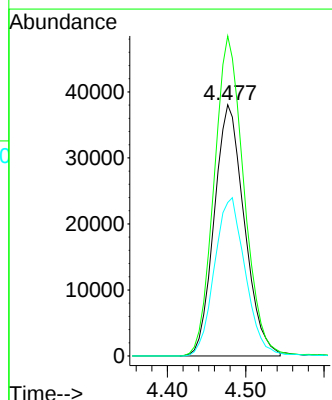
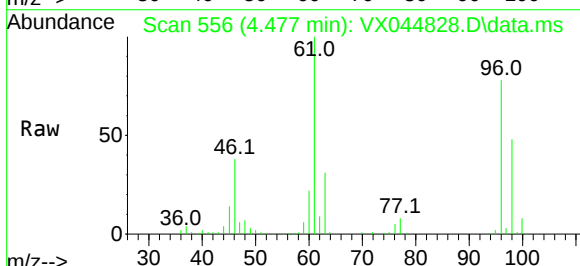
Tgt Ion: 96 Resp: 101702

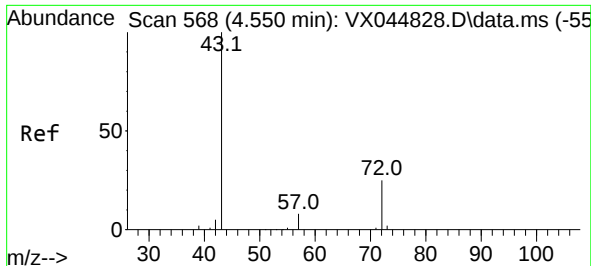
Ion Ratio Lower Upper

96 100

61 127.4 88.3 163.9

98 61.1 44.6 82.8

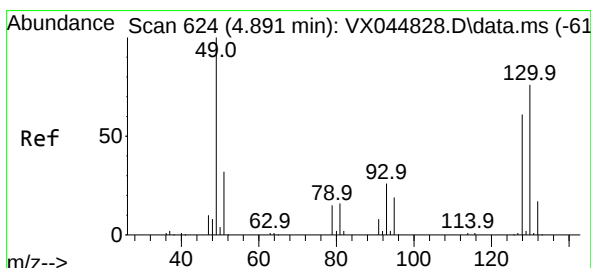
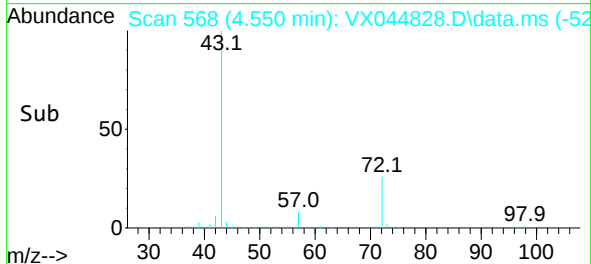
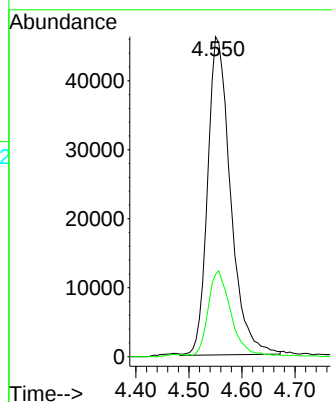
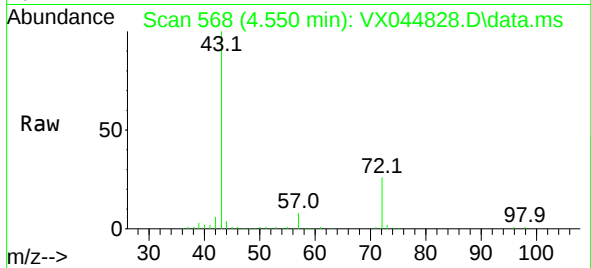




#22
2-Butanone
Concen: 106.054 ug/L
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

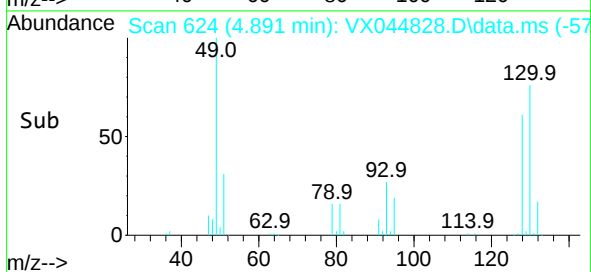
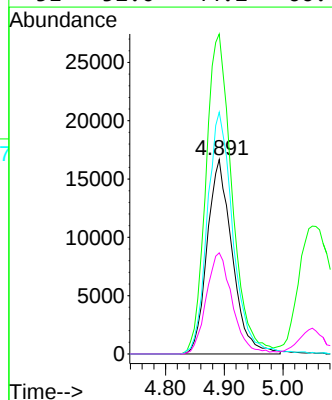
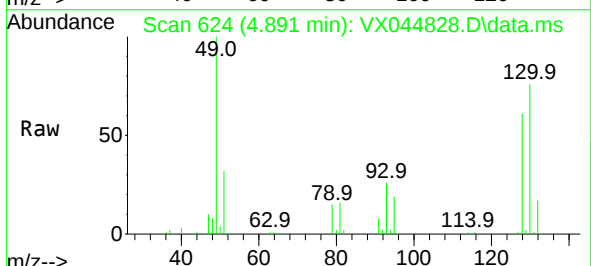
Instrument :
MSVOA_V
ClientSampleId :

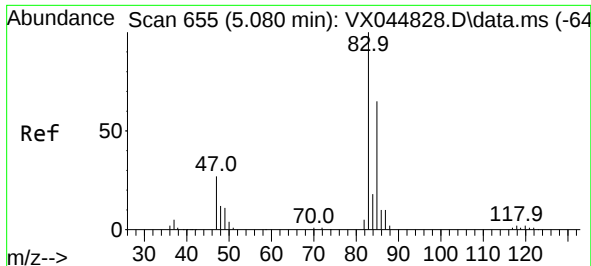
Tgt Ion: 43 Resp: 138716
Ion Ratio Lower Upper
43 100
72 26.7 13.4 40.2



#23
Bromochloromethane
Concen: 52.123 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

Tgt Ion:128 Resp: 49316
Ion Ratio Lower Upper
128 100
49 164.7 117.6 218.4
130 124.4 92.0 170.9
51 52.0 44.2 66.4





#25

Chloroform

Concen: 52.895 ug/L

RT: 5.080 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX044828.D

Acq: 04 Feb 2025 09:56

Instrument :

MSVOA_V

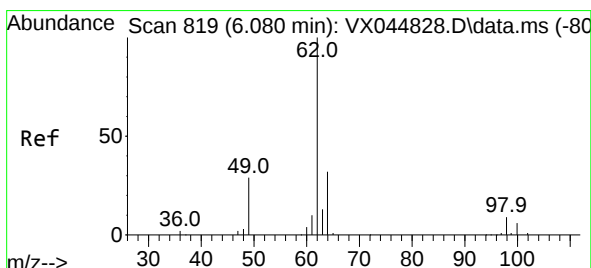
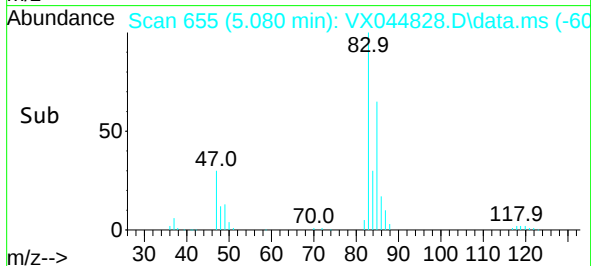
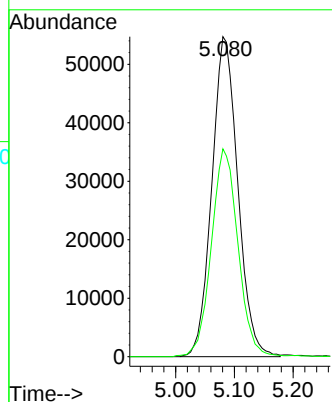
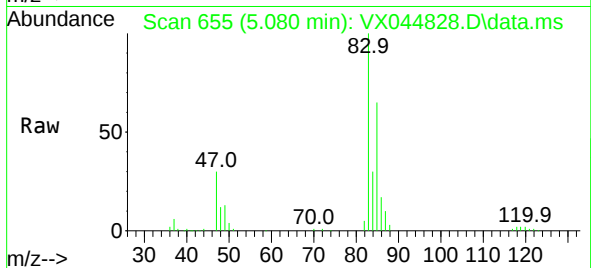
ClientSampleId :

Tgt Ion: 83 Resp: 168175

Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.2



#27

1,2-Dichloroethane

Concen: 53.936 ug/L

RT: 6.080 min Scan# 819

Delta R.T. 0.006 min

Lab File: VX044828.D

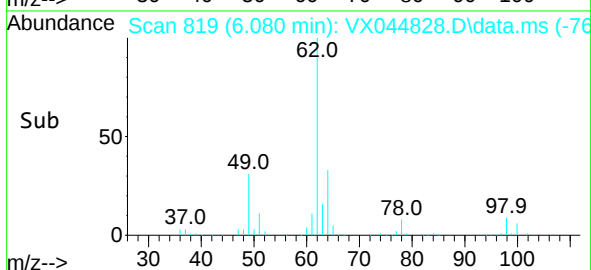
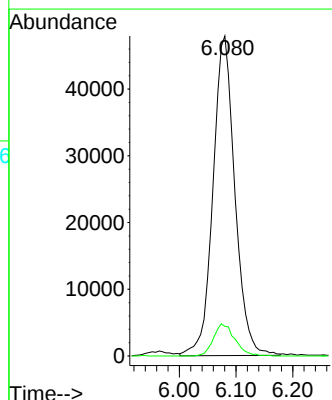
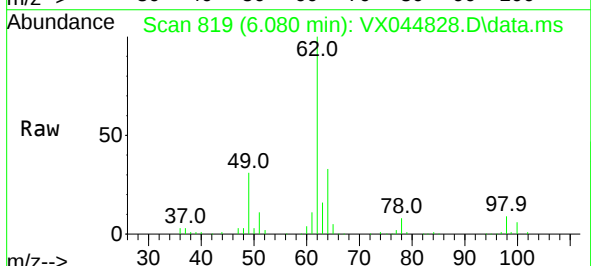
Acq: 04 Feb 2025 09:56

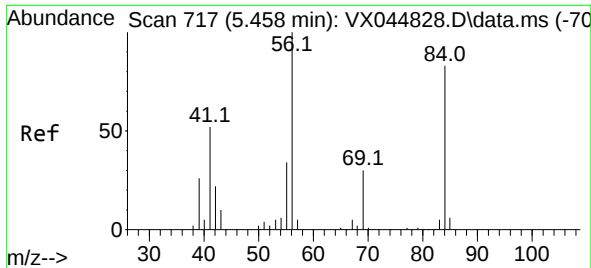
Tgt Ion: 62 Resp: 128654

Ion Ratio Lower Upper

62 100

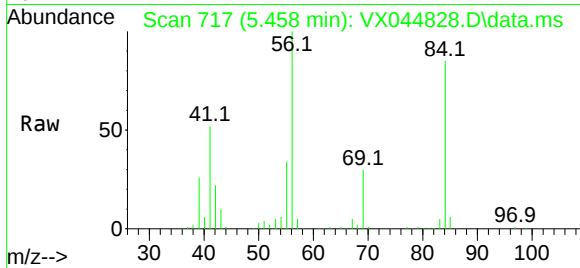
98 9.2 7.4 11.2



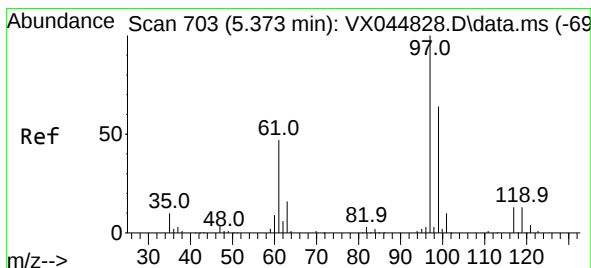
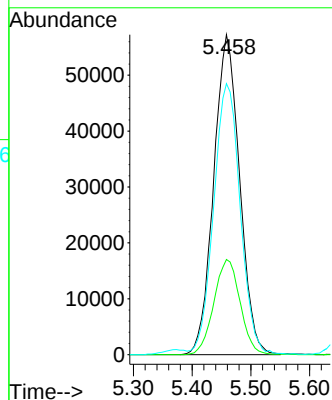
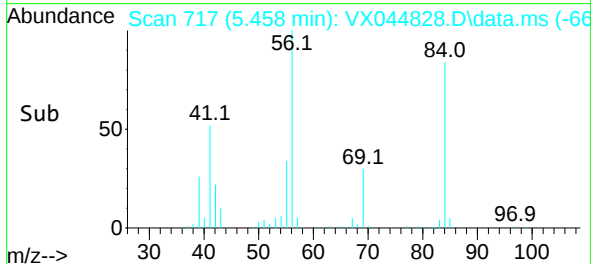


#29
Cyclohexane
Concen: 54.032 ug/L
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

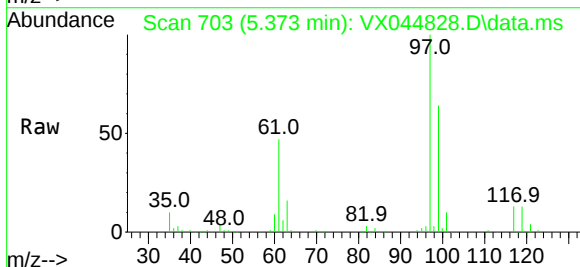
Instrument :
MSVOA_V
ClientSampleId :



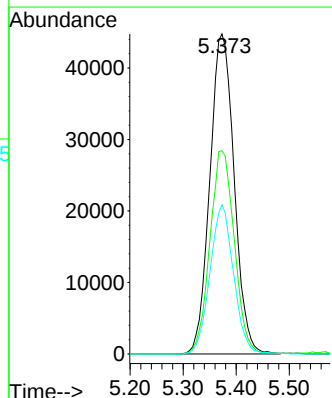
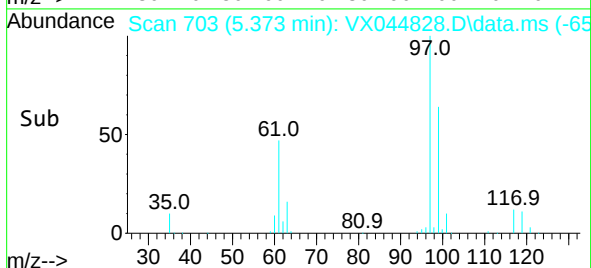
Tgt Ion: 56 Resp: 175445
Ion Ratio Lower Upper
56 100
69 30.0 25.4 38.2
84 86.4 71.6 107.4

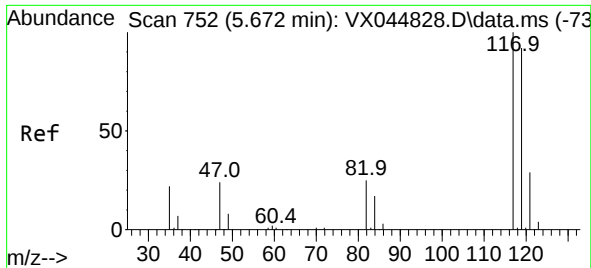


#30
1,1,1-Trichloroethane
Concen: 53.307 ug/L
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56



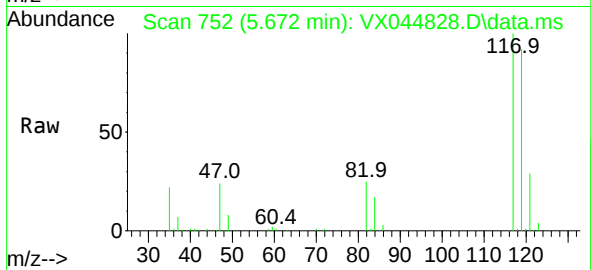
Tgt Ion: 97 Resp: 142658
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 45.0 35.8 53.6



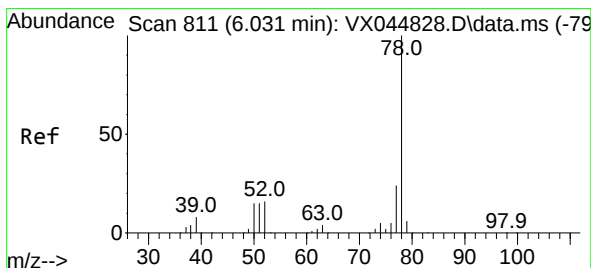
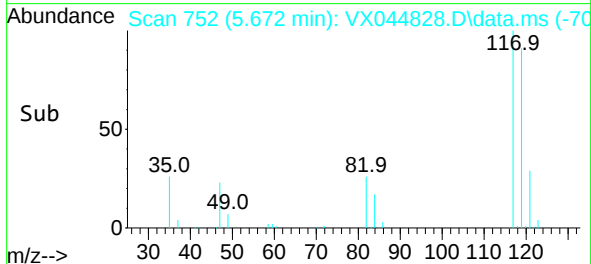
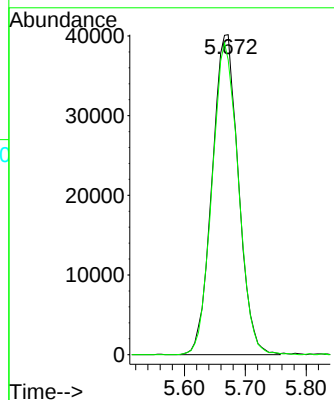


#31
Carbon tetrachloride
Concen: 52.632 ug/L
RT: 5.672 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

Instrument :
MSVOA_V
ClientSampleId :

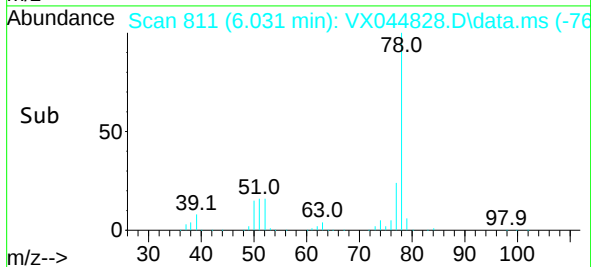
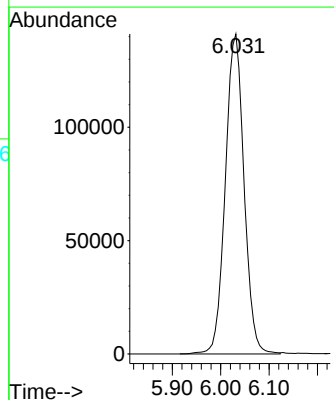
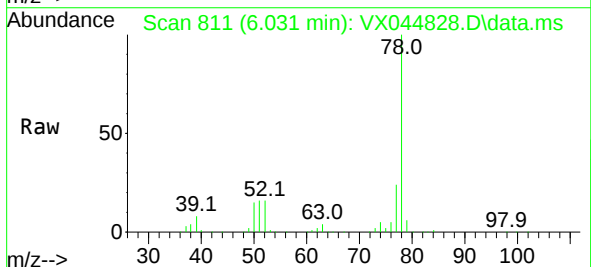


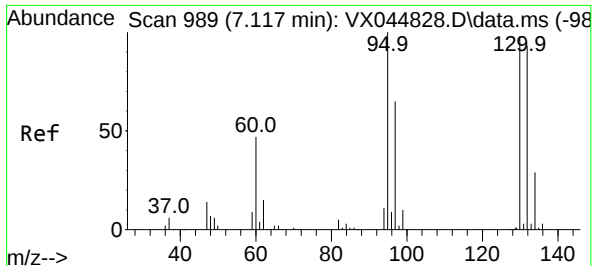
Tgt Ion:117 Resp: 120790
Ion Ratio Lower Upper
117 100
119 96.8 77.1 115.7



#33
Benzene
Concen: 54.466 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

Tgt Ion: 78 Resp: 379674





#34

Trichloroethene

Concen: 53.328 ug/L

RT: 7.117 min Scan# 91

Delta R.T. -0.000 min

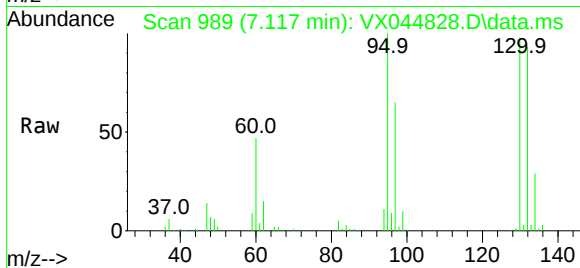
Lab File: VX044828.D

Acq: 04 Feb 2025 09:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 94600

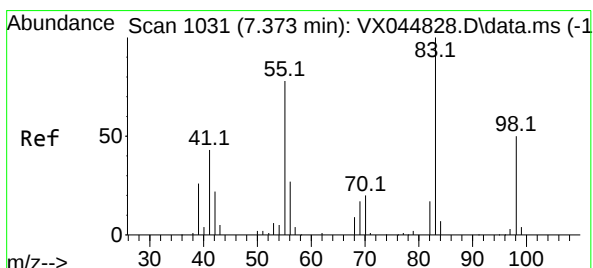
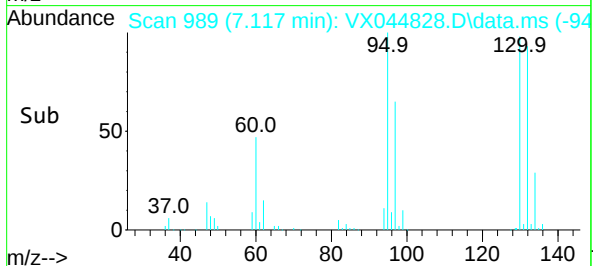
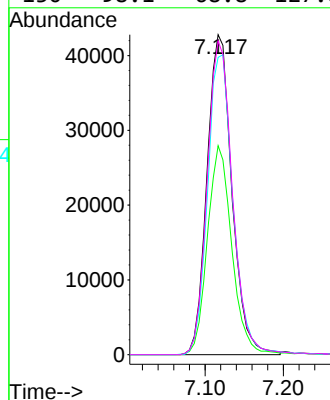
Ion Ratio Lower Upper

95 100

97 65.3 46.1 85.5

132 92.9 64.5 119.9

130 98.1 68.8 127.8



#35

Methylcyclohexane

Concen: 54.039 ug/L

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX044828.D

Acq: 04 Feb 2025 09:56

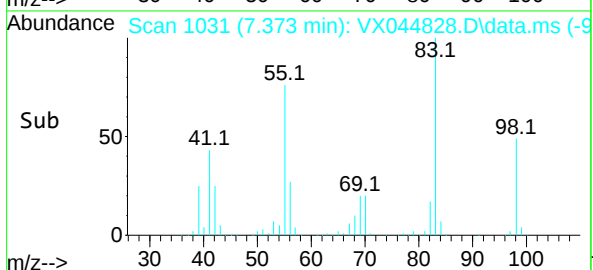
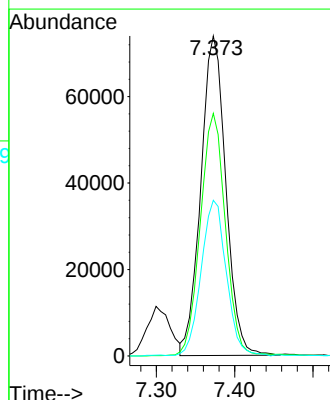
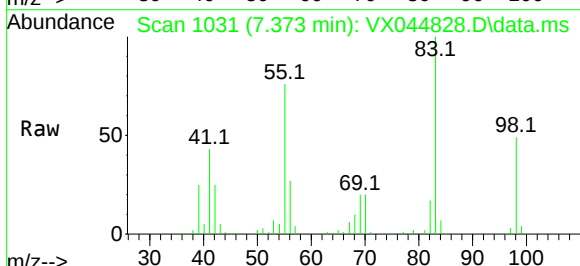
Tgt Ion: 83 Resp: 163996

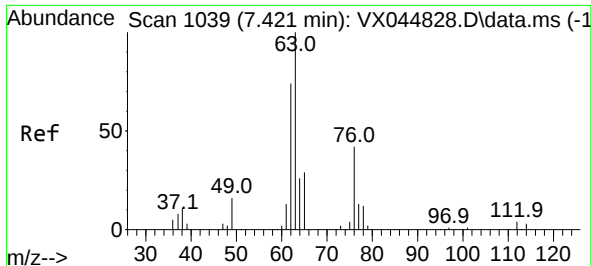
Ion Ratio Lower Upper

83 100

55 75.9 60.6 90.8

98 49.1 38.9 58.3





#37

1,2-Dichloropropane

Concen: 53.261 ug/L

RT: 7.421 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VX044828.D

Acq: 04 Feb 2025 09:56

Instrument :

MSVOA_V

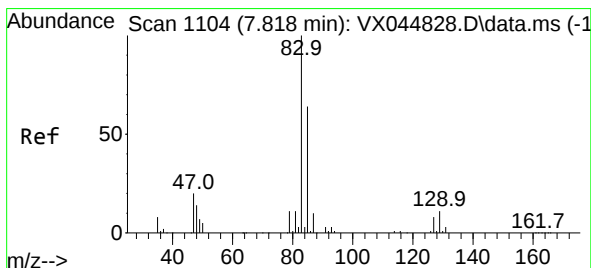
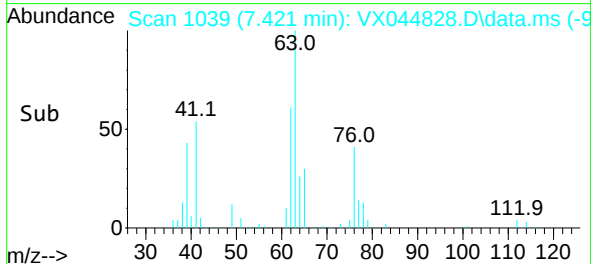
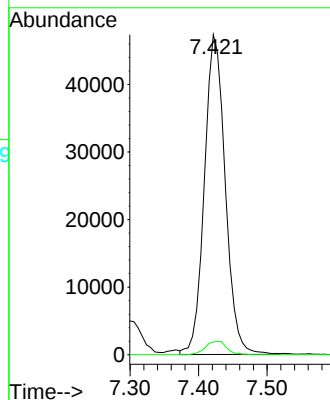
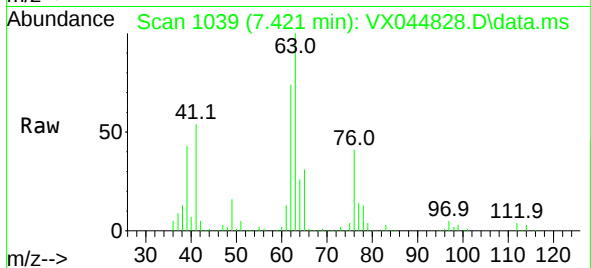
ClientSampleId :

Tgt Ion: 63 Resp: 100424

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



#38

Bromodichloromethane

Concen: 52.940 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX044828.D

Acq: 04 Feb 2025 09:56

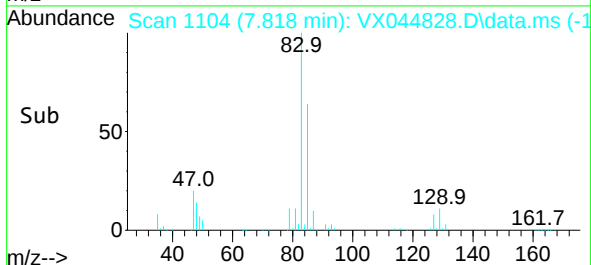
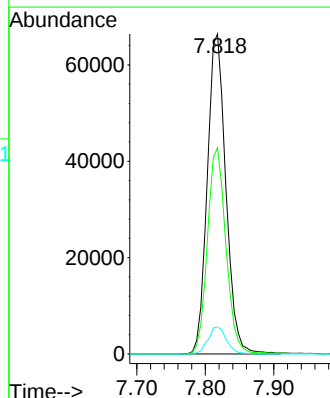
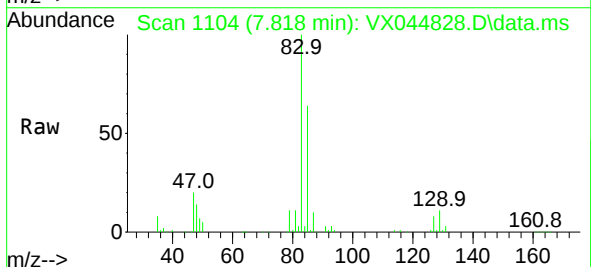
Tgt Ion: 83 Resp: 125279

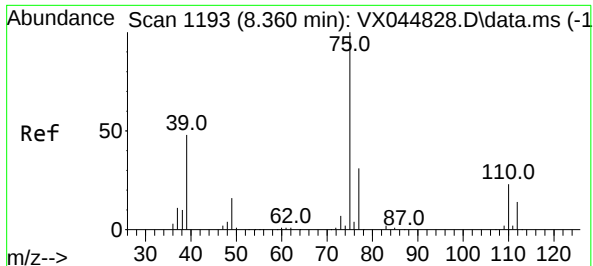
Ion Ratio Lower Upper

83 100

85 64.5 43.8 81.3

127 8.4 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 52.995 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX044828.D

Acq: 04 Feb 2025 09:56

Instrument :

MSVOA_V

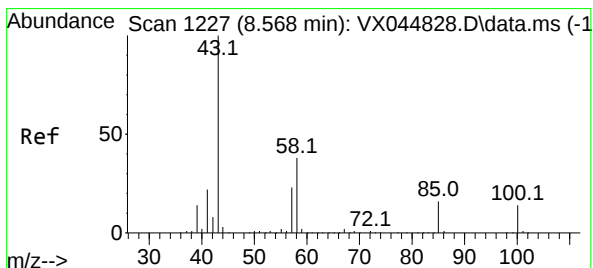
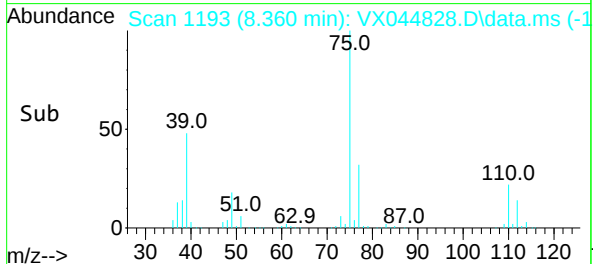
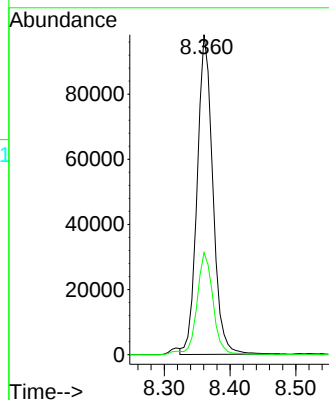
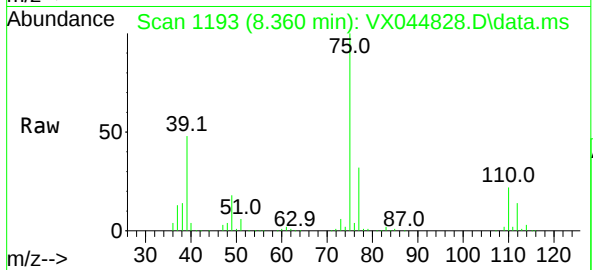
ClientSampleId :

Tgt Ion: 75 Resp: 162226

Ion Ratio Lower Upper

75 100

77 31.9 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 112.844 ug/L

RT: 8.568 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VX044828.D

Acq: 04 Feb 2025 09:56

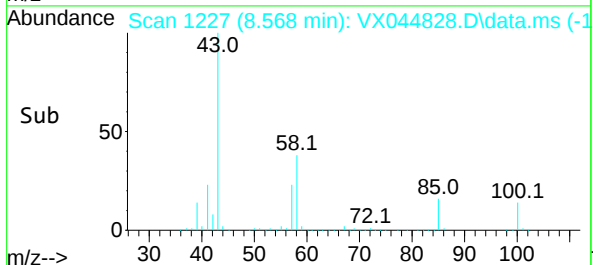
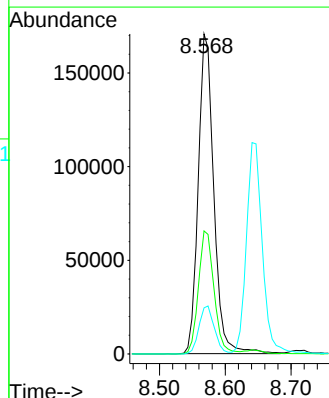
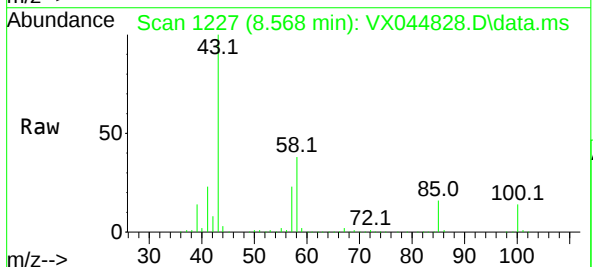
Tgt Ion: 43 Resp: 281270

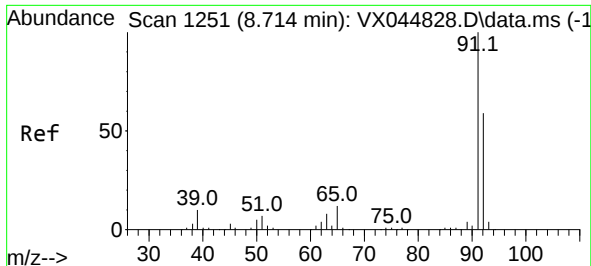
Ion Ratio Lower Upper

43 100

58 38.5 32.1 48.1

100 14.8 12.9 19.3





#42

Toluene

Concen: 54.484 ug/L

RT: 8.714 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044828.D

Acq: 04 Feb 2025 09:56

Instrument :

MSVOA_V

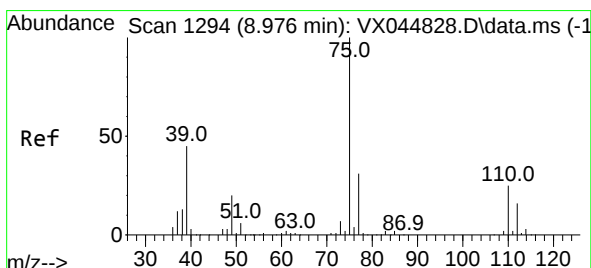
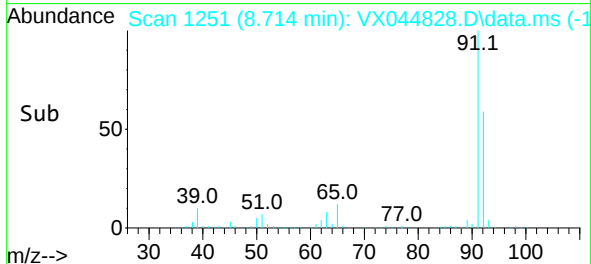
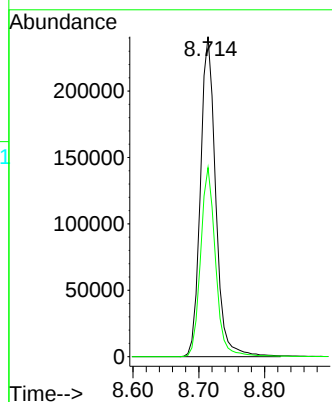
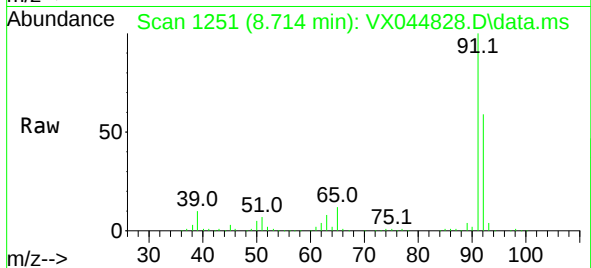
ClientSampleId :

Tgt Ion: 91 Resp: 389662

Ion Ratio Lower Upper

91 100

92 59.1 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 52.959 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX044828.D

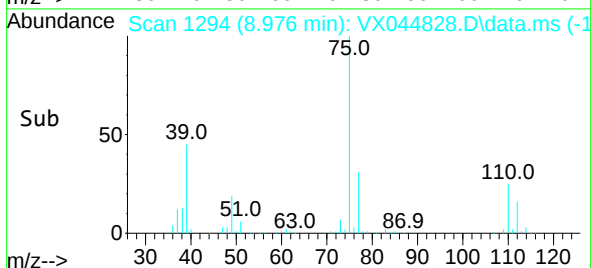
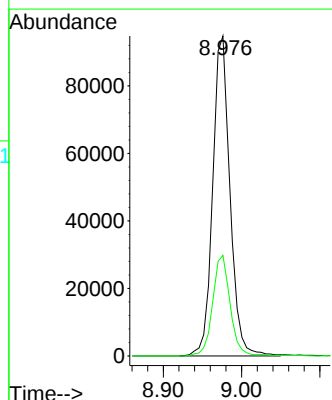
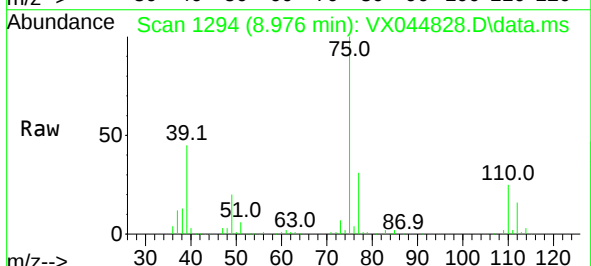
Acq: 04 Feb 2025 09:56

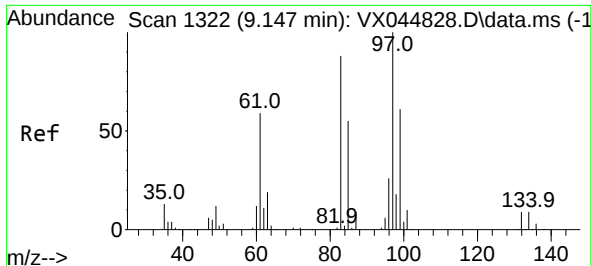
Tgt Ion: 75 Resp: 145129

Ion Ratio Lower Upper

75 100

77 31.4 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 53.920 ug/L

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX044828.D

Acq: 04 Feb 2025 09:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 94897

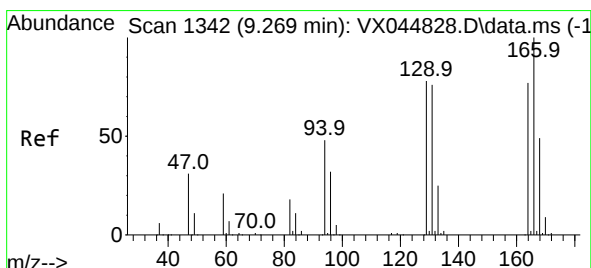
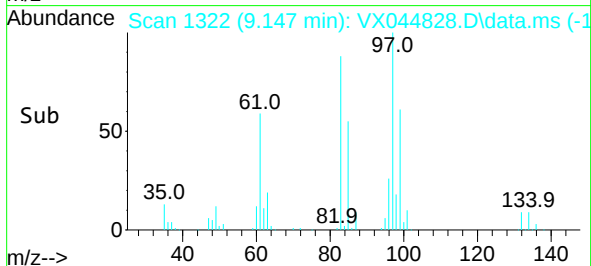
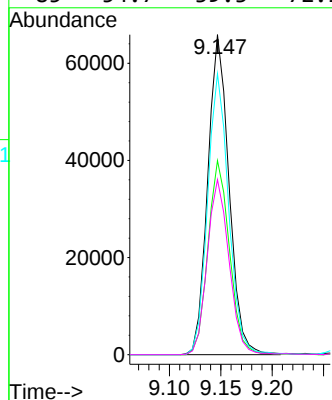
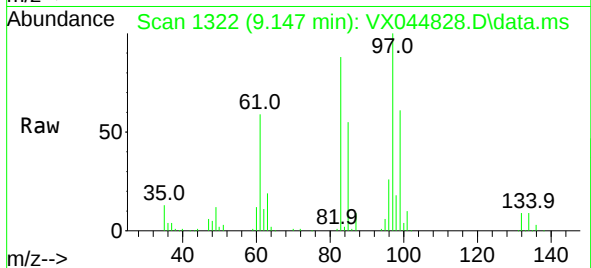
Ion Ratio Lower Upper

97 100

99 60.7 44.8 83.2

83 87.8 60.8 113.0

85 54.7 39.3 72.9



#46

Tetrachloroethene

Concen: 52.807 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX044828.D

Acq: 04 Feb 2025 09:56

Tgt Ion:164 Resp: 66521

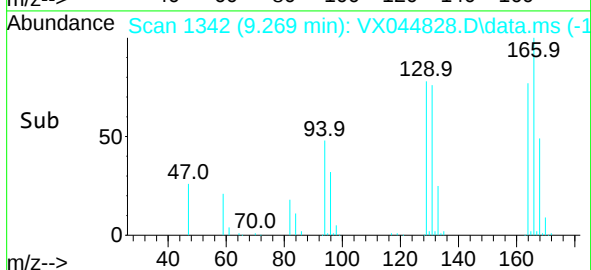
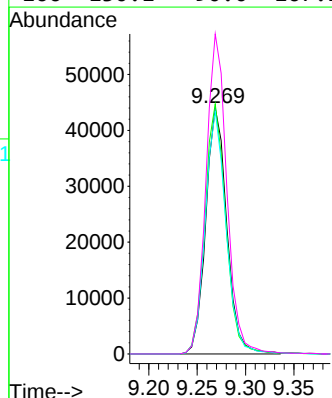
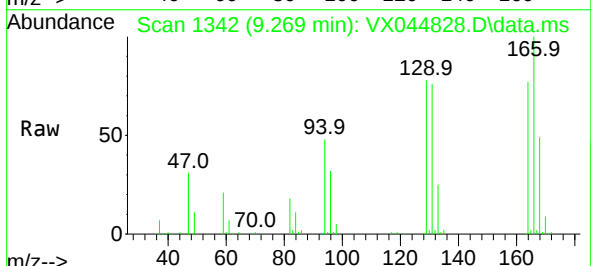
Ion Ratio Lower Upper

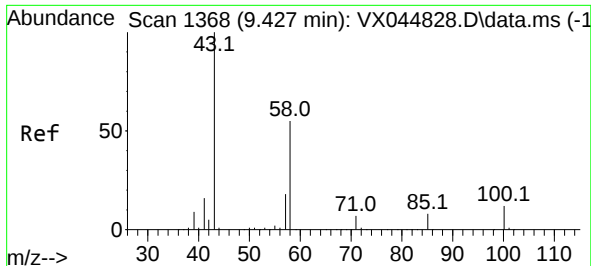
164 100

129 101.6 71.2 132.2

131 98.6 67.2 124.8

166 130.1 90.0 167.2



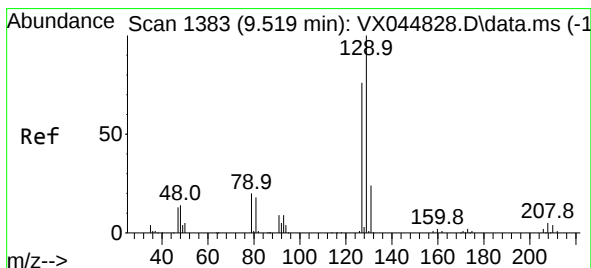
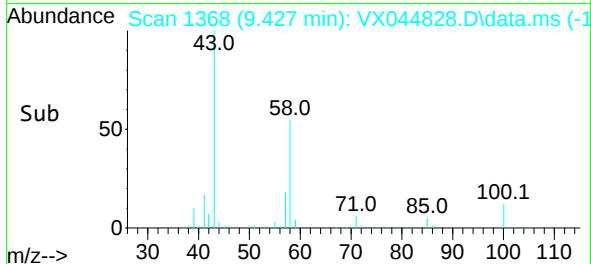
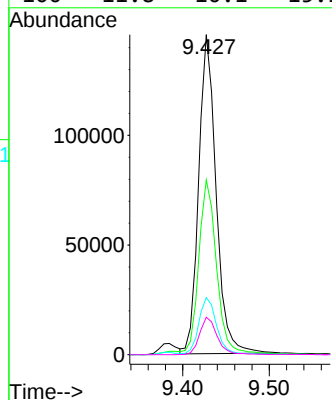
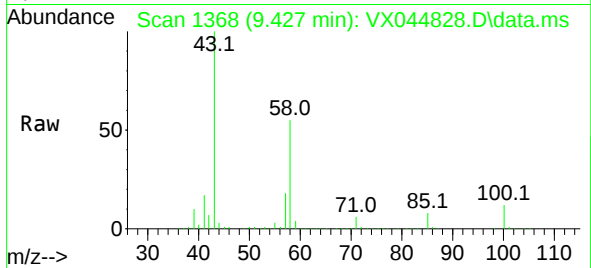


#48
2-Hexanone
Concen: 113.948 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 203516

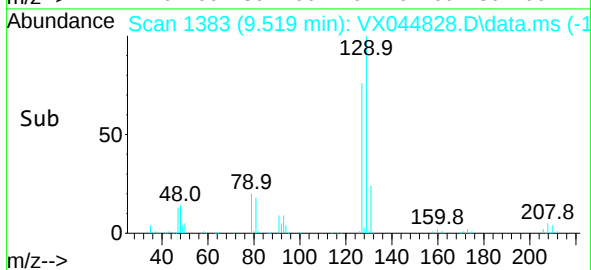
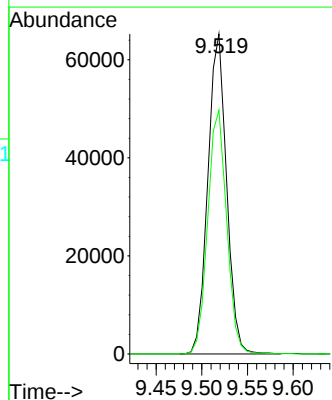
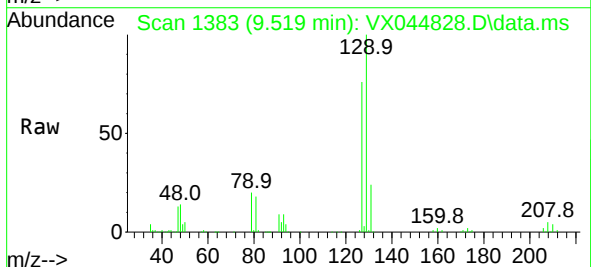
Ion	Ratio	Lower	Upper
43	100		
58	54.6	44.3	66.5
57	18.7	15.9	23.9
100	11.8	10.1	15.1

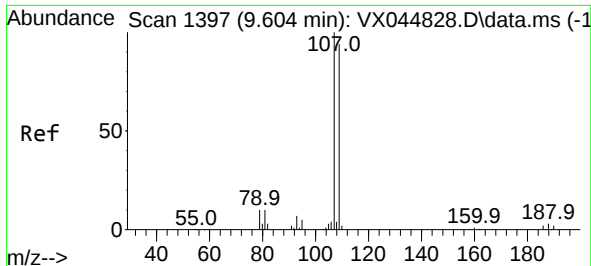


#49
Dibromochloromethane
Concen: 52.159 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

Tgt Ion: 129 Resp: 92579

Ion	Ratio	Lower	Upper
129	100		
127	76.2	53.6	99.6

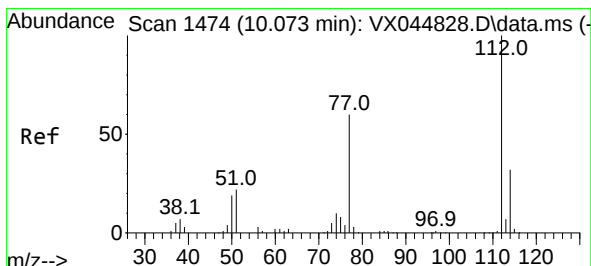
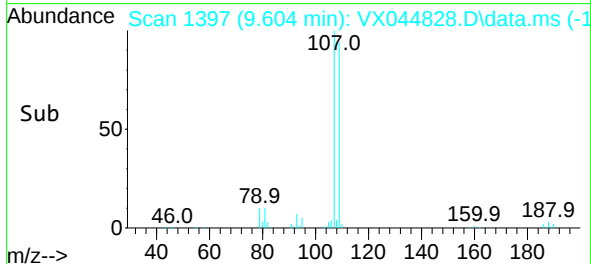
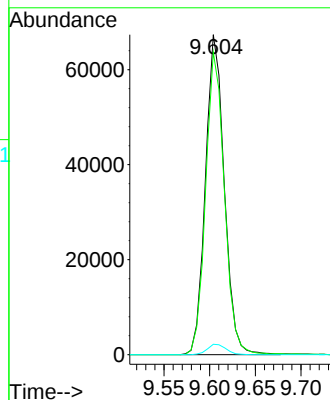
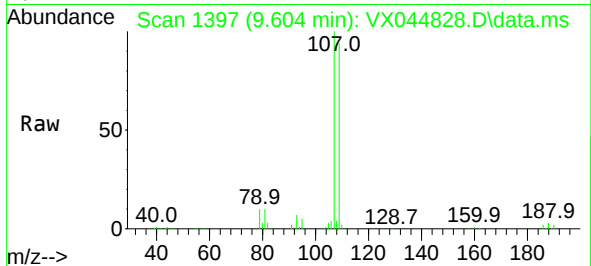




#50
1,2-Dibromoethane
Concen: 52.381 ug/L
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

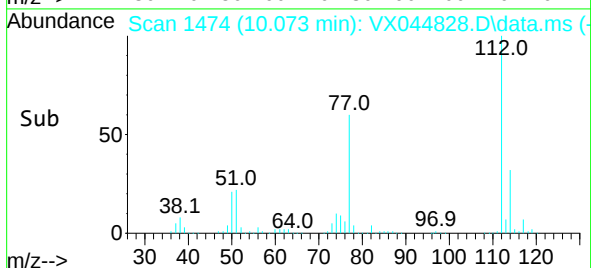
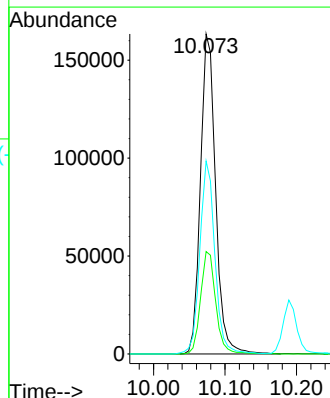
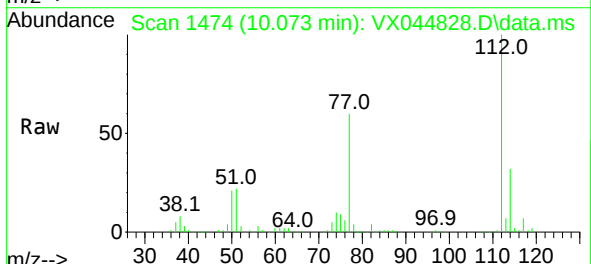
Instrument :
MSVOA_V
ClientSampleId :

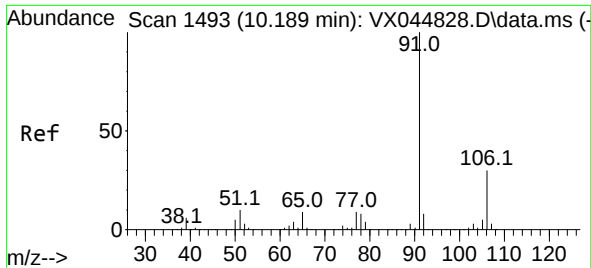
Tgt Ion:107 Resp: 96622
Ion Ratio Lower Upper
107 100
109 94.5 67.2 124.8
188 3.2 2.2 3.4



#51
Chlorobenzene
Concen: 53.857 ug/L
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

Tgt Ion:112 Resp: 240459
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 60.3 49.2 73.8

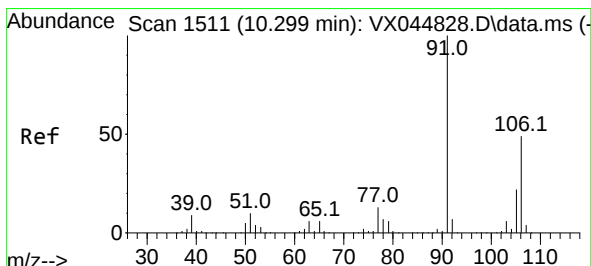
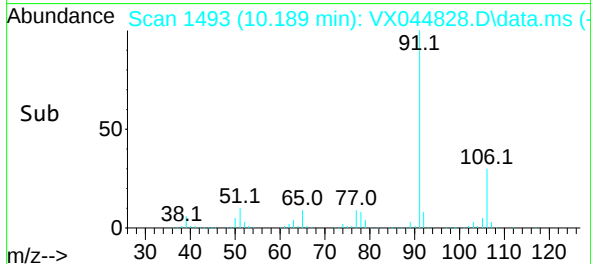
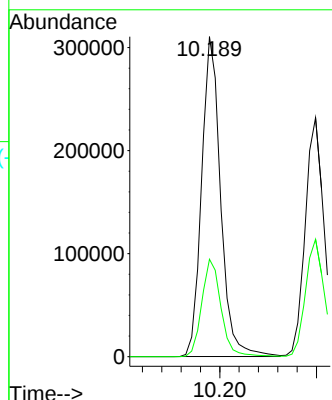
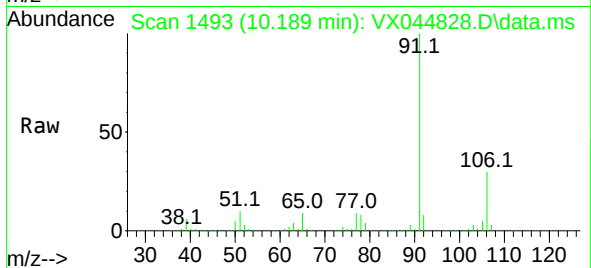




#52
Ethylbenzene
Concen: 54.367 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

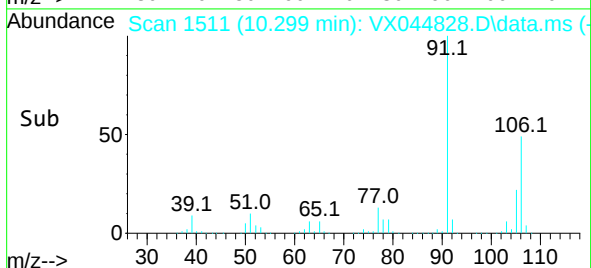
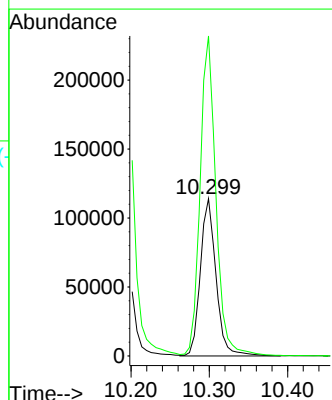
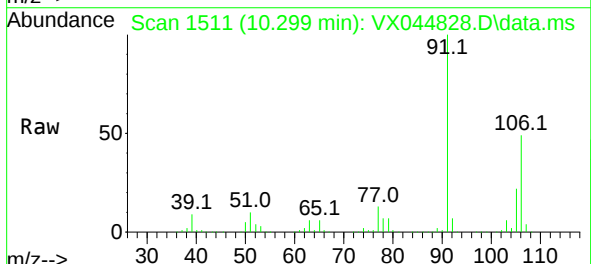
Instrument :
MSVOA_V
ClientSampleId :

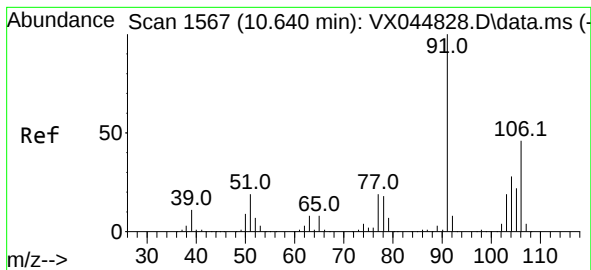
Tgt Ion: 91 Resp: 425015
Ion Ratio Lower Upper
91 100
106 30.4 21.1 39.3



#53
m,p-Xylene
Concen: 54.100 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

Tgt Ion:106 Resp: 158777
Ion Ratio Lower Upper
106 100
91 203.5 145.2 269.6





#54

o-Xylene

Concen: 54.100 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044828.D

Acq: 04 Feb 2025 09:56

Instrument :

MSVOA_V

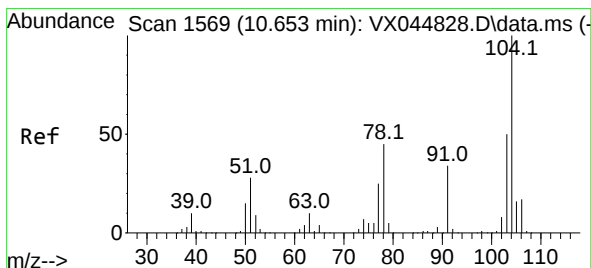
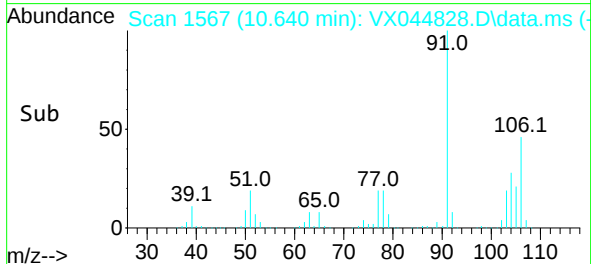
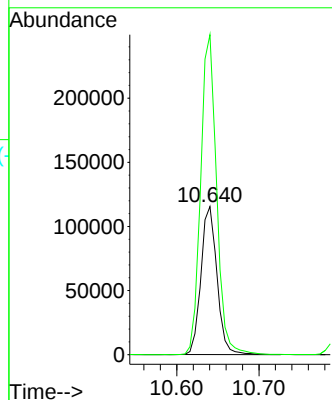
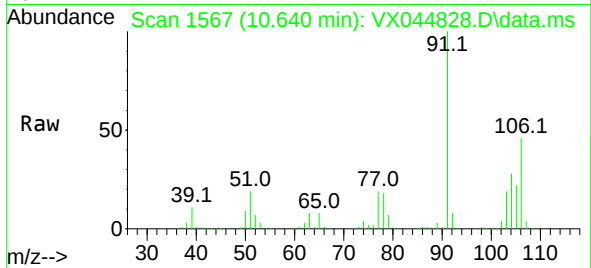
ClientSampleId :

Tgt Ion:106 Resp: 156504

Ion Ratio Lower Upper

106 100

91 216.0 153.2 284.4



#55

Styrene

Concen: 55.103 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044828.D

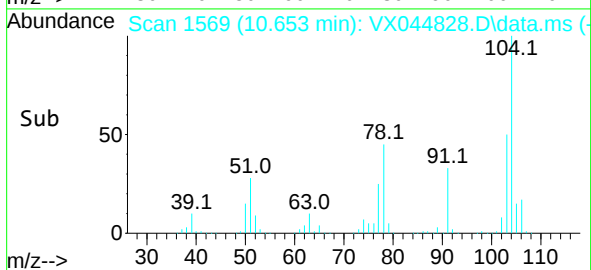
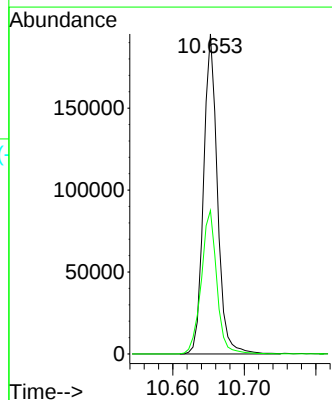
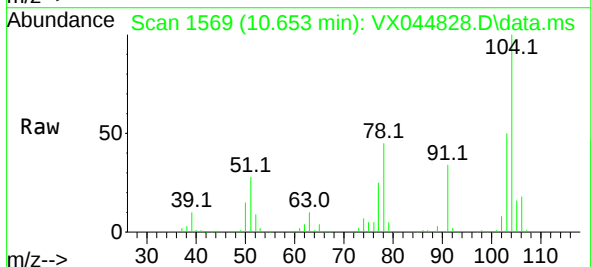
Acq: 04 Feb 2025 09:56

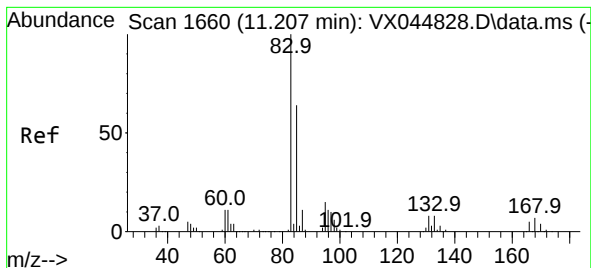
Tgt Ion:104 Resp: 263090

Ion Ratio Lower Upper

104 100

78 44.8 32.7 60.7





#57

1,1,2,2-Tetrachloroethane

Concen: 53.766 ug/L

RT: 11.207 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044828.D

Acq: 04 Feb 2025 09:56

Instrument :

MSVOA_V

ClientSampleId :

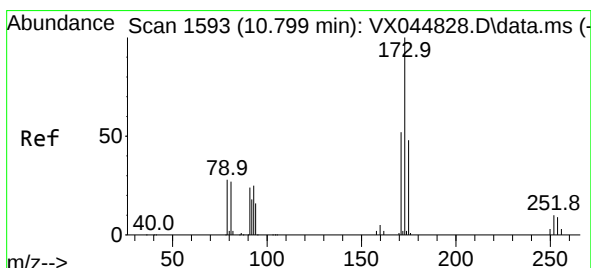
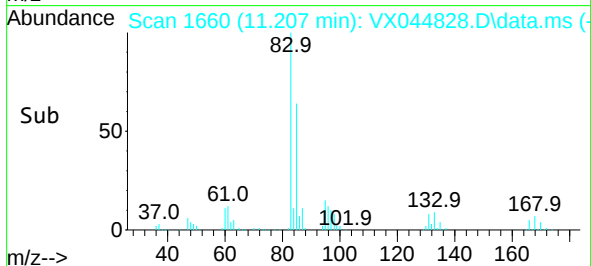
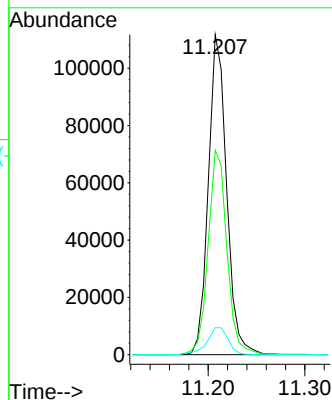
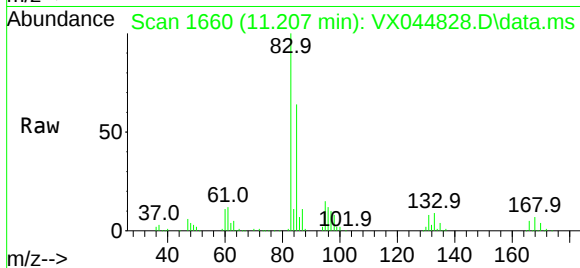
Tgt Ion: 83 Resp: 146816

Ion Ratio Lower Upper

83 100

85 63.9 44.9 83.5

131 8.4 8.0 12.0



#59

Bromoform

Concen: 50.458 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044828.D

Acq: 04 Feb 2025 09:56

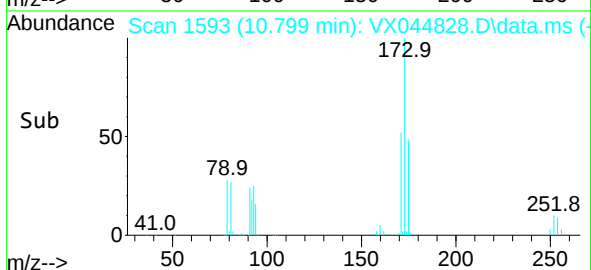
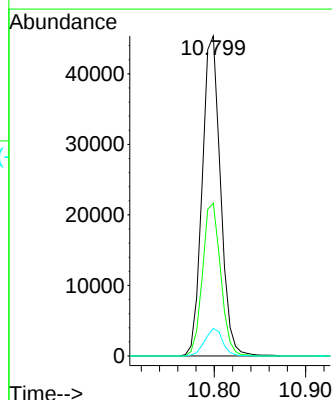
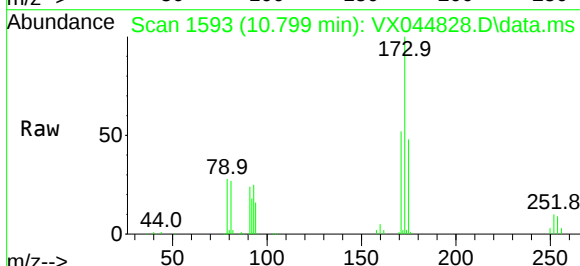
Tgt Ion:173 Resp: 62938

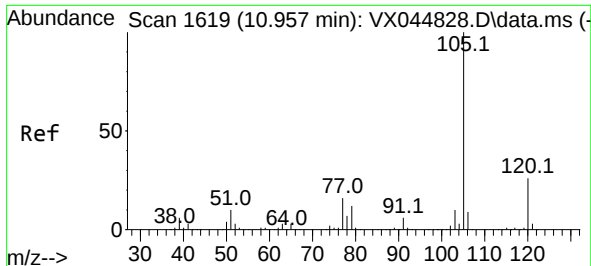
Ion Ratio Lower Upper

173 100

175 47.4 38.6 58.0

254 8.5 6.6 10.0

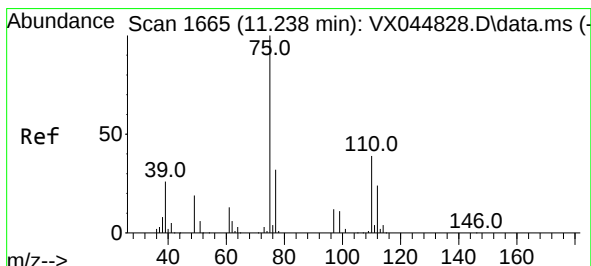
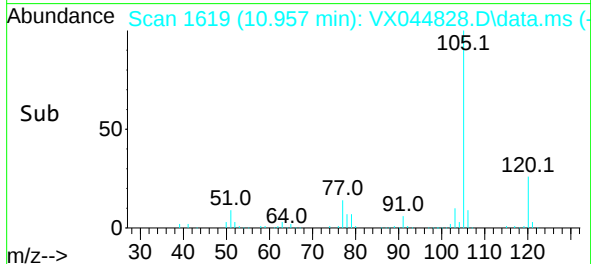
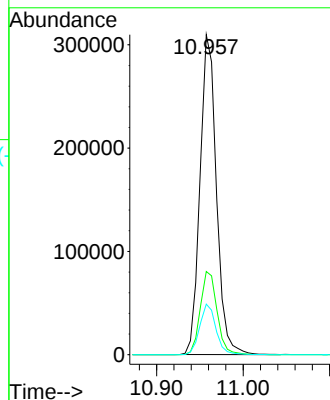
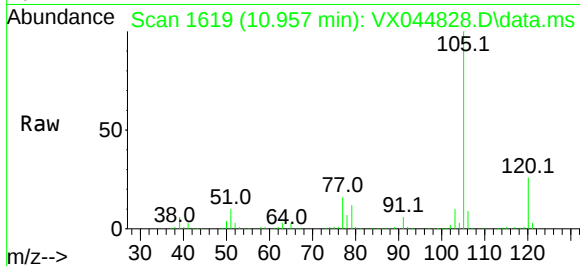




#60
Isopropylbenzene
Concen: 53.868 ug/L
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

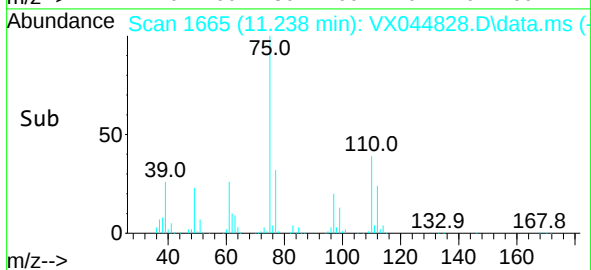
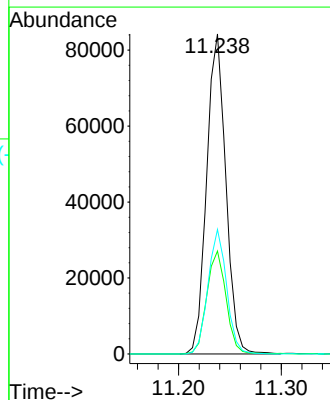
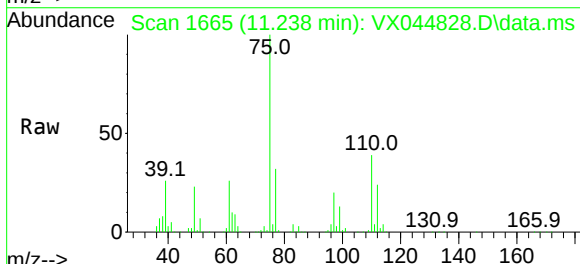
Instrument :
MSVOA_V
ClientSampleId :

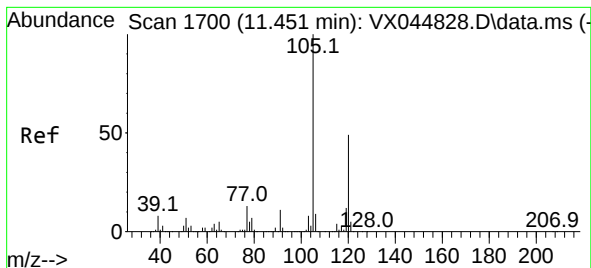
Tgt Ion:105 Resp: 407935
Ion Ratio Lower Upper
105 100
120 26.6 20.9 31.3
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 52.539 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

Tgt Ion: 75 Resp: 109374
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6
110 37.8 30.8 46.2





#62

1,3,5-Trimethylbenzene

Concen: 53.913 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044828.D

Acq: 04 Feb 2025 09:56

Instrument :

MSVOA_V

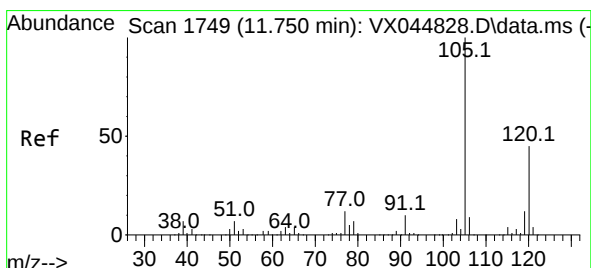
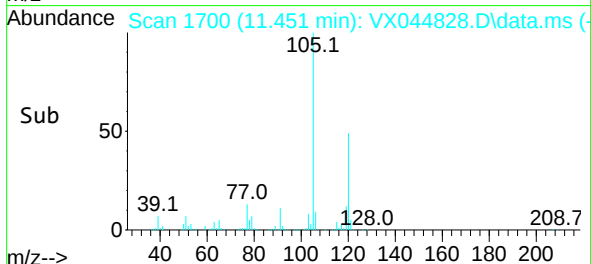
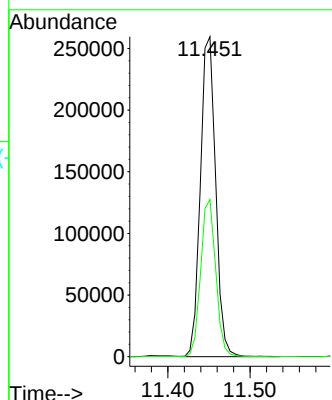
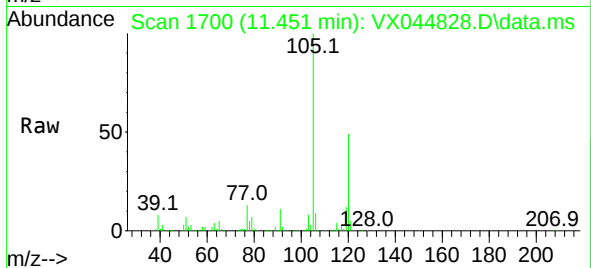
ClientSampleId :

Tgt Ion:105 Resp: 334935

Ion Ratio Lower Upper

105 100

120 48.6 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 54.182 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044828.D

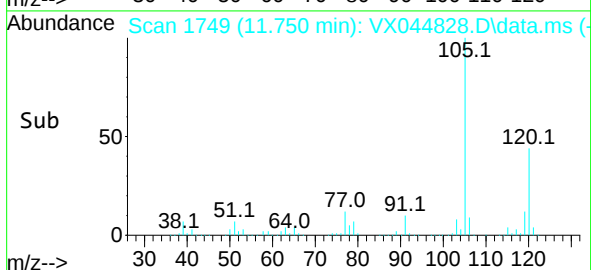
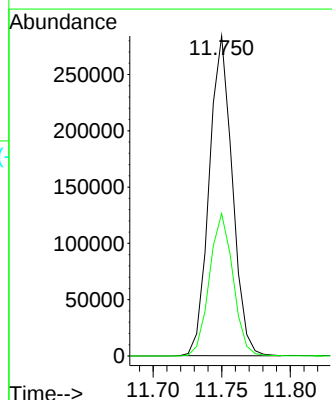
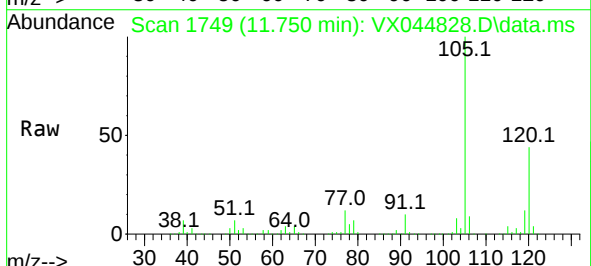
Acq: 04 Feb 2025 09:56

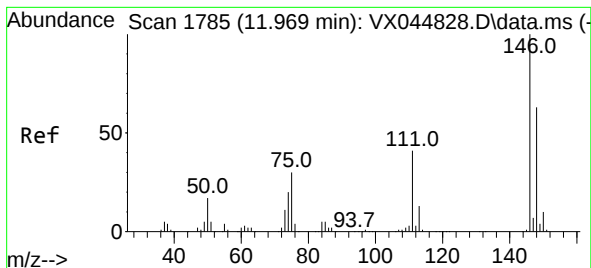
Tgt Ion:105 Resp: 333391

Ion Ratio Lower Upper

105 100

120 45.2 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 53.464 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX044828.D

Acq: 04 Feb 2025 09:56

Instrument :

MSVOA_V

ClientSampleId :

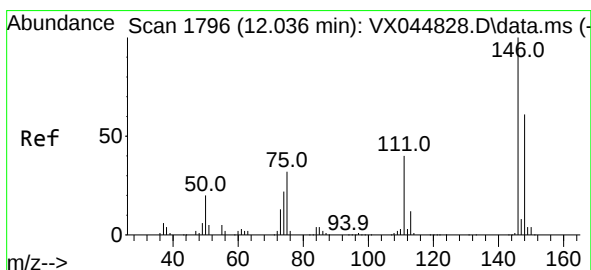
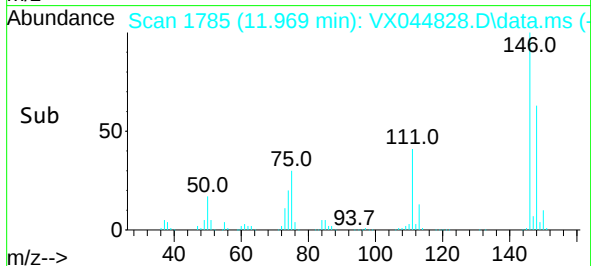
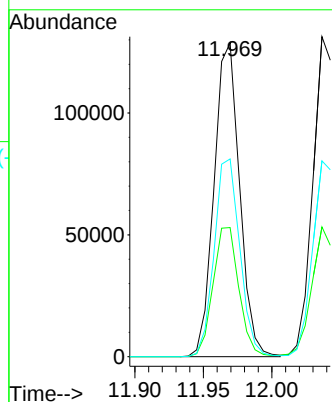
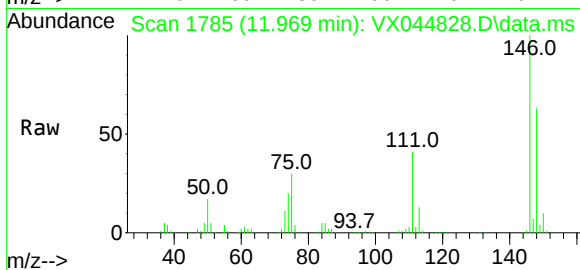
Tgt Ion:146 Resp: 166437

Ion Ratio Lower Upper

146 100

111 41.1 29.5 54.9

148 63.0 44.4 82.5



#65

1,4-Dichlorobenzene

Concen: 53.577 ug/L

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX044828.D

Acq: 04 Feb 2025 09:56

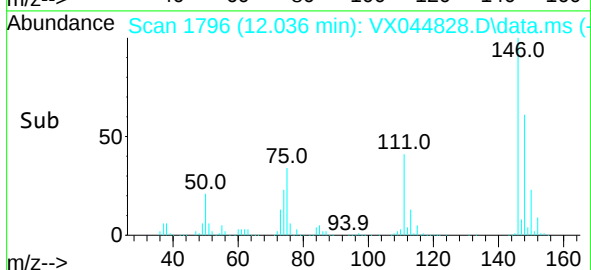
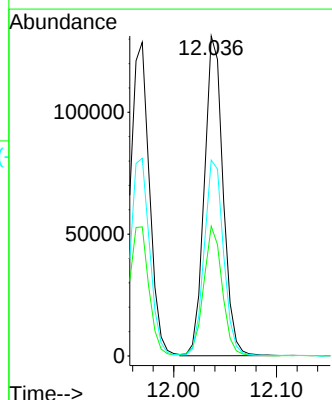
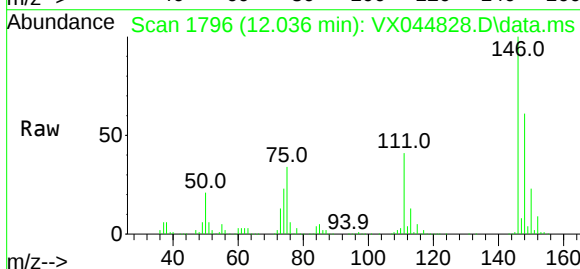
Tgt Ion:146 Resp: 166022

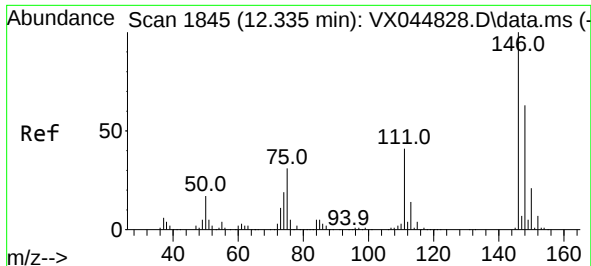
Ion Ratio Lower Upper

146 100

111 40.5 29.7 55.1

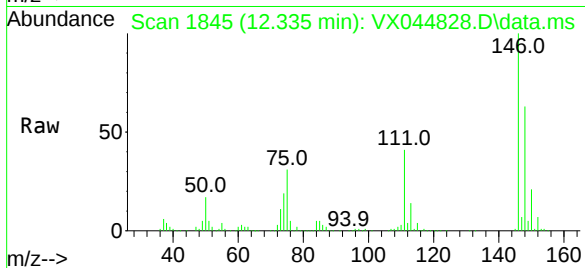
148 61.2 43.5 80.7



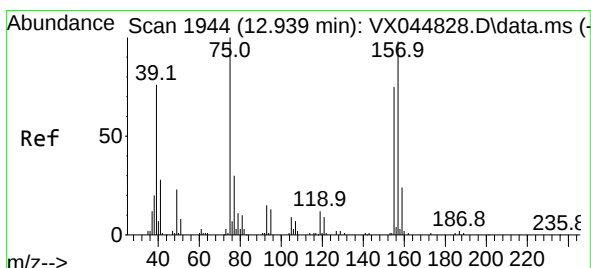
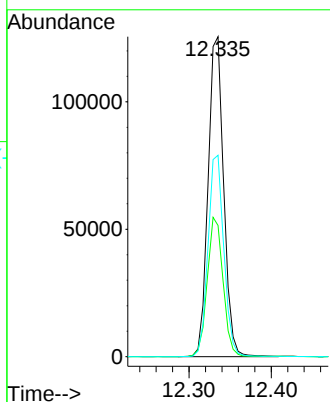
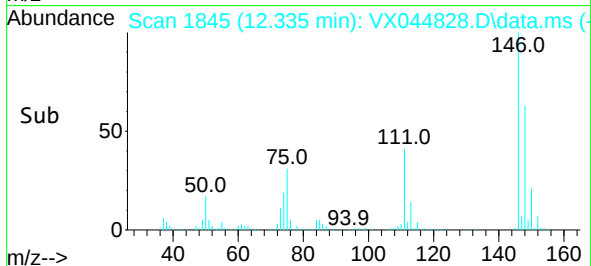


#67
1,2-Dichlorobenzene
Concen: 53.618 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

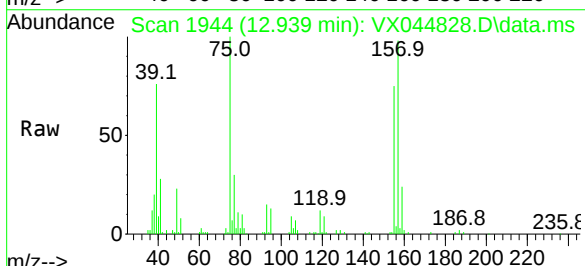
Instrument :
MSVOA_V
ClientSampleId :



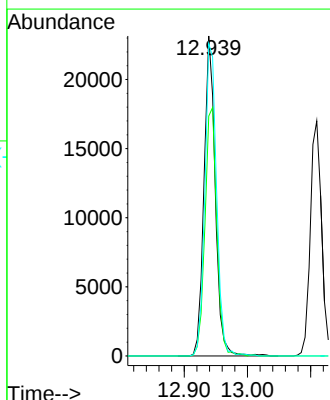
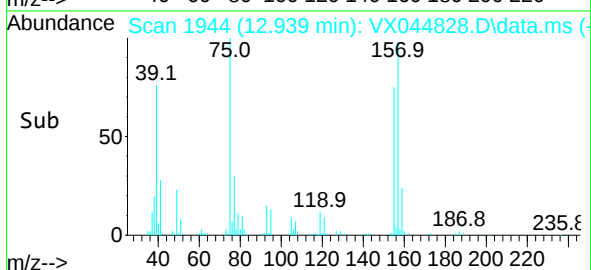
Tgt Ion:146 Resp: 165490
Ion Ratio Lower Upper
146 100
111 41.0 36.1 54.1
148 63.0 51.5 77.3

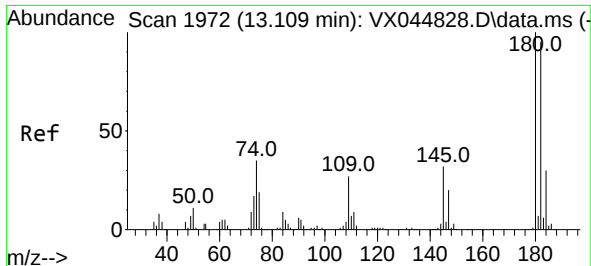


#68
1,2-Dibromo-3-chloropropane
Concen: 50.712 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56



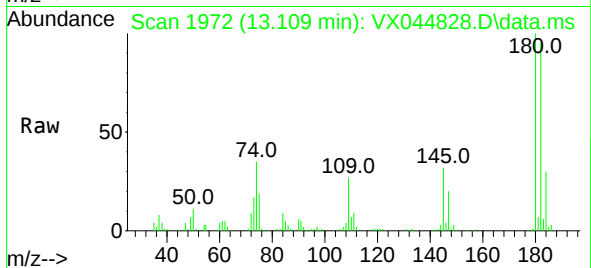
Tgt Ion: 75 Resp: 28766
Ion Ratio Lower Upper
75 100
155 74.9 62.5 93.7
157 97.6 83.5 125.3



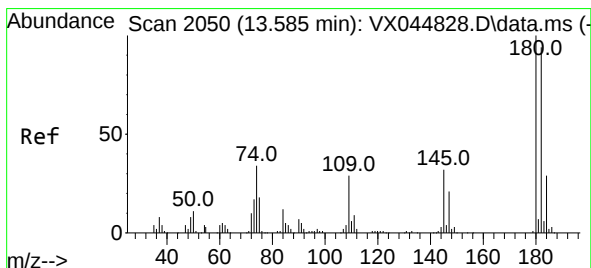
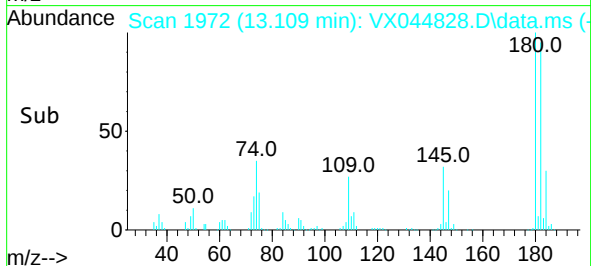
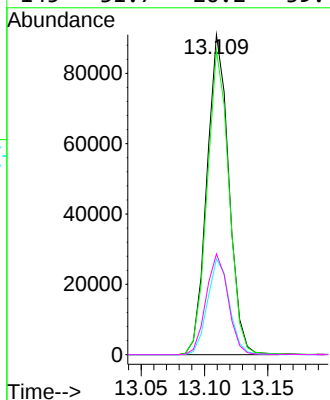


#69
1,3,5-Trichlorobenzene
Concen: 53.850 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

Instrument :
MSVOA_V
ClientSampleId :

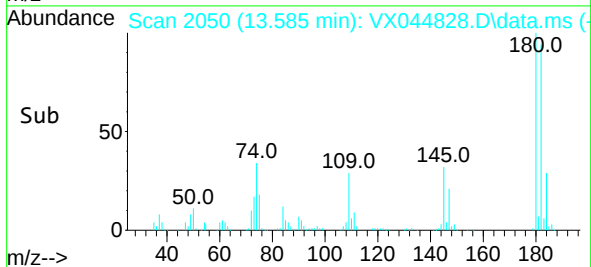
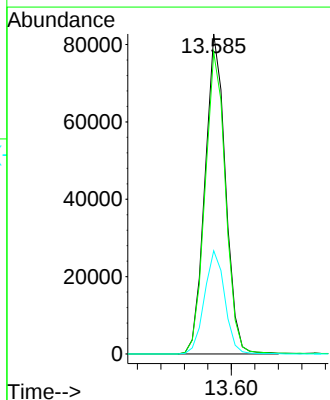
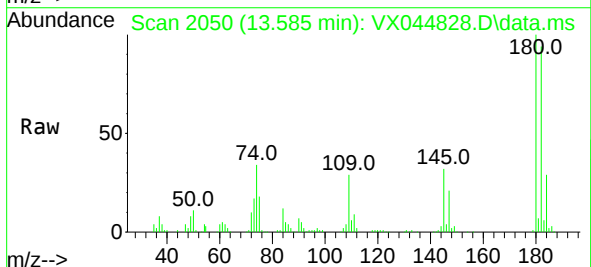


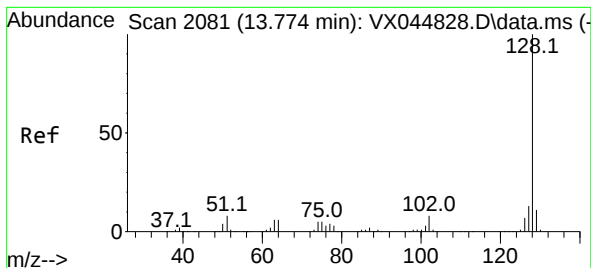
Tgt Ion:180 Resp: 109850
Ion Ratio Lower Upper
180 100
182 94.7 77.0 115.6
184 29.8 24.0 36.0
145 31.7 26.2 39.4



#70
1,2,4-trichlorobenzene
Concen: 54.382 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX044828.D
Acq: 04 Feb 2025 09:56

Tgt Ion:180 Resp: 100013
Ion Ratio Lower Upper
180 100
182 94.6 76.5 114.7
145 32.0 27.0 40.4





#71

Naphthalene

Concen: 54.313 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044828.D

Acq: 04 Feb 2025 09:56

Instrument :

MSVOA_V

ClientSampleId :

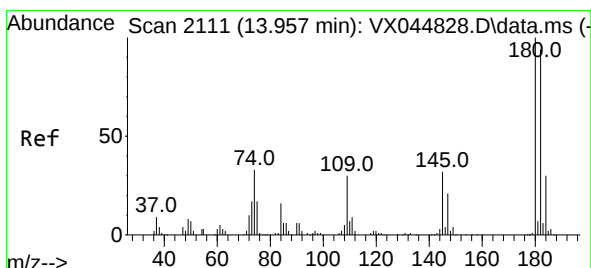
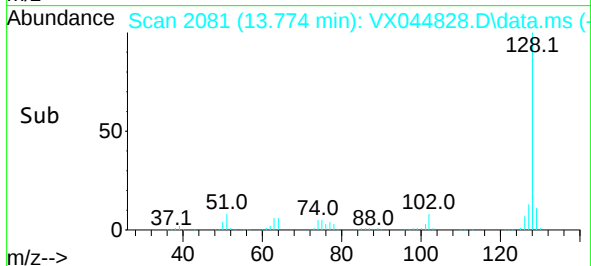
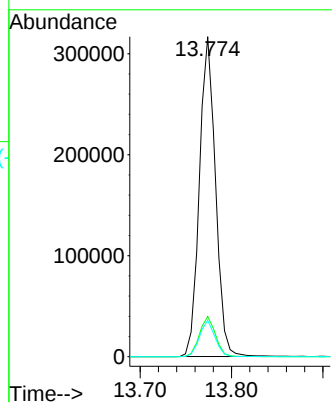
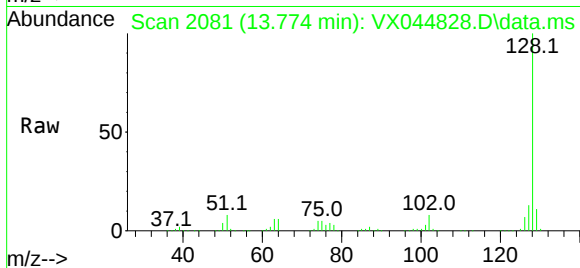
Tgt Ion:128 Resp: 387380

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 54.693 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX044828.D

Acq: 04 Feb 2025 09:56

Tgt Ion:180 Resp: 101995

Ion Ratio Lower Upper

180 100

182 95.3 77.1 115.7

145 33.3 28.3 42.5

