

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071223\
 Data File : VX036501.D
 Acq On : 12 Jul 2023 10:54
 Operator : JC/MD
 Sample : VSTD100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 13 01:04:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 13 01:02:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	309147	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	282714	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	139940	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	242924	110.162	ug/L	0.00
7) Chloroethane-d5	1.666	69	266607	110.040	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	65	102686	109.136	ug/L	0.00
21) 2-Butanone-d5	4.459	46	326040	211.704	ug/L	0.00
24) Chloroform-d	5.056	84	419660	104.797	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	274062	100.202	ug/L	0.00
32) Benzene-d6	5.977	84	840246	104.980	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	267487	105.429	ug/L	0.00
41) Toluene-d8	8.647	98	792782	103.758	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	130931	108.392	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	241602	216.508	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	349234	104.626	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	281567	105.917	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	253517	117.570	ug/L	100
3) Chloromethane	1.295	50	273706	107.364	ug/L	98
5) Vinyl chloride	1.374	62	299425	113.233	ug/L	99
6) Bromomethane	1.612	94	284034	113.679	ug/L	99
8) Chloroethane	1.685	64	210047	108.484	ug/L	99
9) Trichlorofluoromethane	1.886	101	487570	116.522	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	234712	118.431	ug/L	99
12) 1,1-Dichloroethene	2.319	96	219346	113.182	ug/L	94
13) Acetone	2.386	43	229446	196.444	ug/L	100
14) Carbon disulfide	2.514	76	597274	114.911	ug/L	98
15) Methyl Acetate	2.703	43	242936	104.617	ug/L	100
16) Methylene chloride	2.788	84	226410	105.879	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	214678	109.979	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	720606	106.182	ug/L	100
19) 1,1-Dichloroethane	3.611	63	405825	106.258	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	247013	108.273	ug/L	98
22) 2-Butanone	4.556	43	359685	211.754	ug/L	98
23) Bromochloromethane	4.904	128	122777	107.666	ug/L	98
25) Chloroform	5.093	83	432530	107.839	ug/L	98
27) 1,2-Dichloroethane	6.086	62	337601	106.409	ug/L	99
29) Cyclohexane	5.471	56	367029	117.409	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	366101	111.426	ug/L	99
31) Carbon tetrachloride	5.678	117	319700	116.106	ug/L	99
33) Benzene	6.038	78	881131	106.738	ug/L	100
34) Trichloroethene	7.123	95	246614	109.530	ug/L	99
35) Methylcyclohexane	7.385	83	392096	119.570	ug/L	99
37) 1,2-Dichloropropane	7.434	63	243074	107.099	ug/L	100
38) Bromodichloromethane	7.824	83	311217	109.966	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	397318	111.102	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	683161	215.958	ug/L	100
42) Toluene	8.720	91	946233	107.740	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	370504	112.512	ug/L	99

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 Response via : Initial Calibration

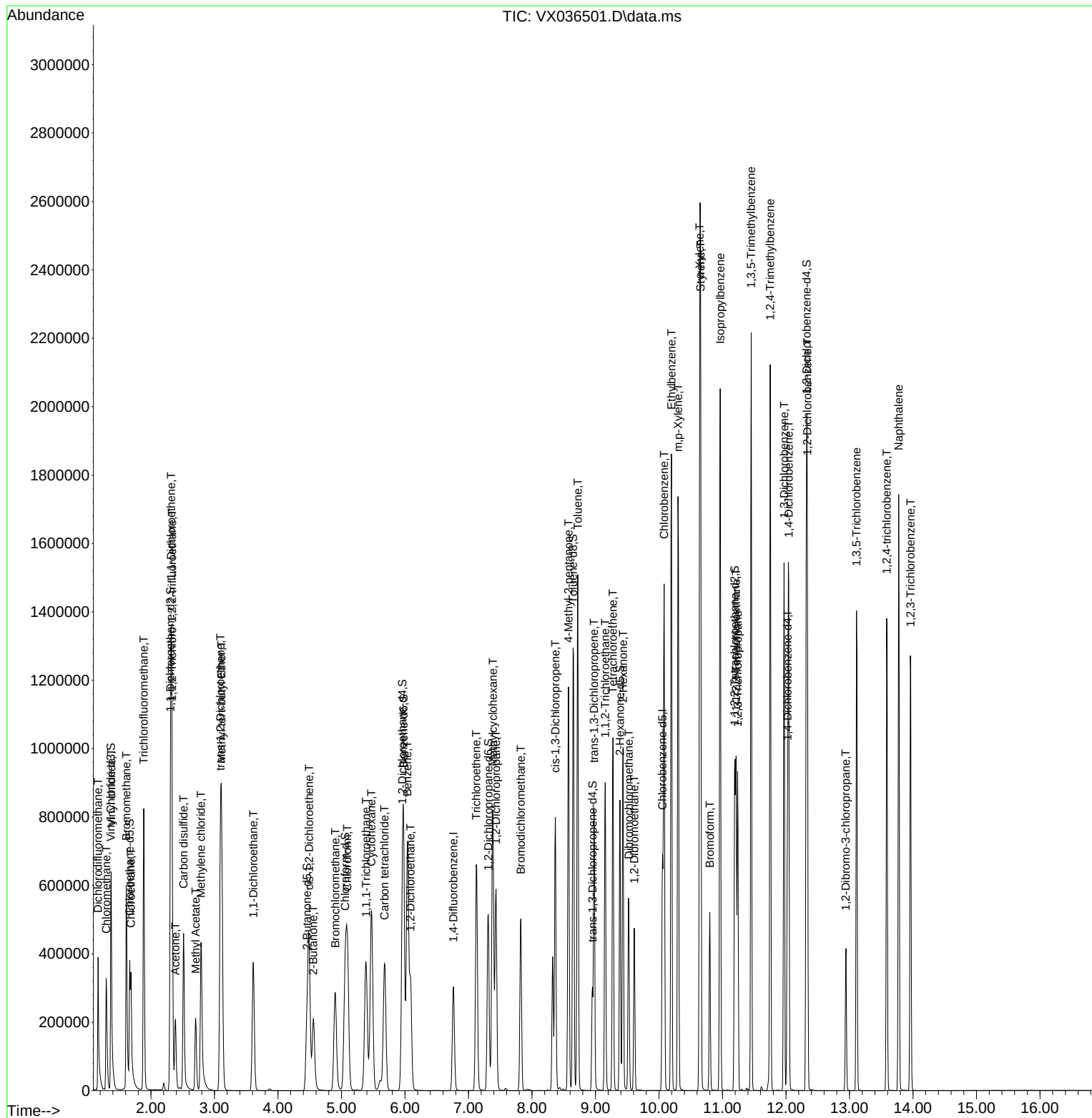
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	230264	106.747	ug/L	98
46) Tetrachloroethene	9.275	164	179698	112.326	ug/L	97
48) 2-Hexanone	9.433	43	522931	211.530	ug/L	99
49) Dibromochloromethane	9.525	129	243031	112.226	ug/L	96
50) 1,2-Dibromoethane	9.610	107	249336	107.834	ug/L	96
51) Chlorobenzene	10.080	112	613520	107.443	ug/L	99
52) Ethylbenzene	10.195	91	1055387	109.194	ug/L	99
53) m,p-Xylene	10.299	106	404872	109.784	ug/L	98
54) o-Xylene	10.640	106	398855	109.052	ug/L	97
55) Styrene	10.653	104	670319	109.936	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.214	83	357063	106.561	ug/L	98
59) Bromoform	10.799	173	173073	113.152	ug/L	98
60) Isopropylbenzene	10.964	105	1043944	110.974	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	280054	106.009	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	873719	111.128	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	879392	111.509	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	462879	109.985	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	459601	108.166	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	453249	108.547	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	80170	113.883	ug/L	84
69) 1,3,5-Trichlorobenzene	13.110	180	317995	113.873	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	301391	114.401	ug/L	100
71) Naphthalene	13.774	128	1010869	112.459	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	293814	114.464	ug/L	97

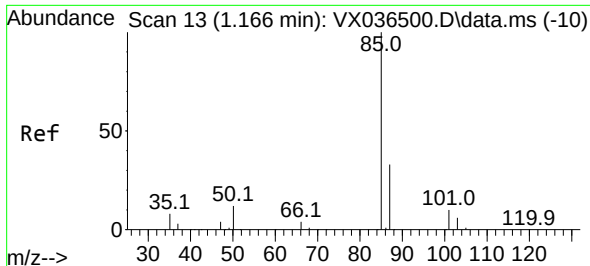
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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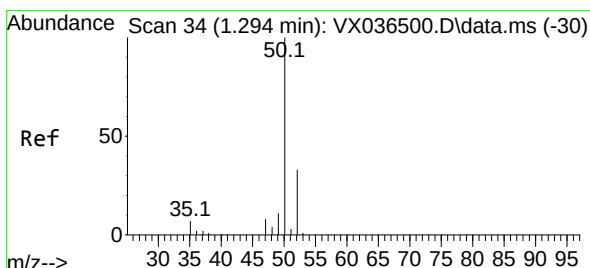
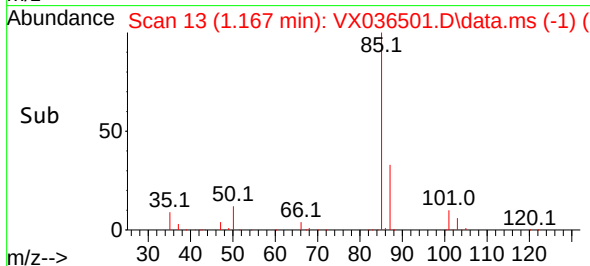
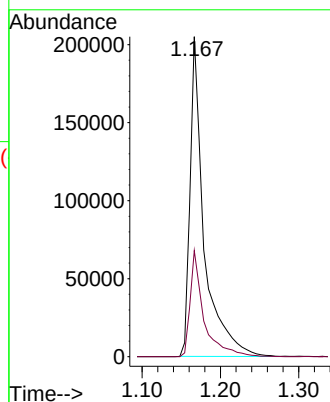
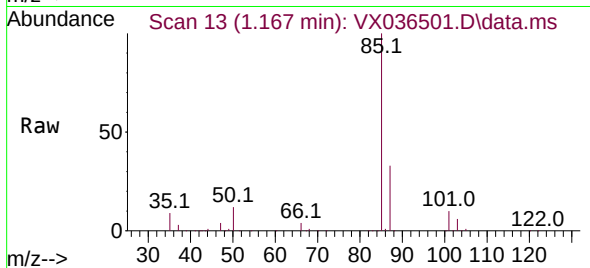




#2
 Dichlorodifluoromethane
 Concen: 117.570 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036501.D
 Acq: 12 Jul 2023 10:54

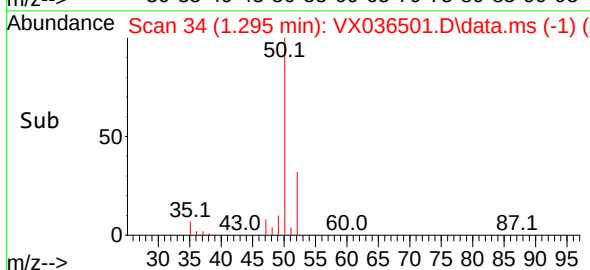
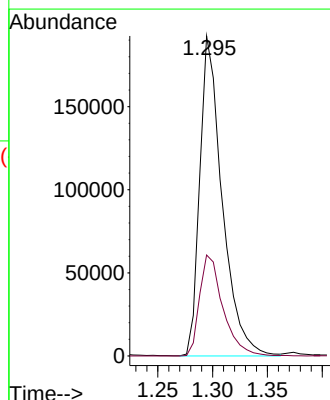
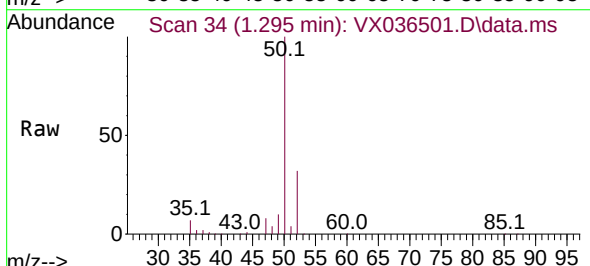
Instrument :
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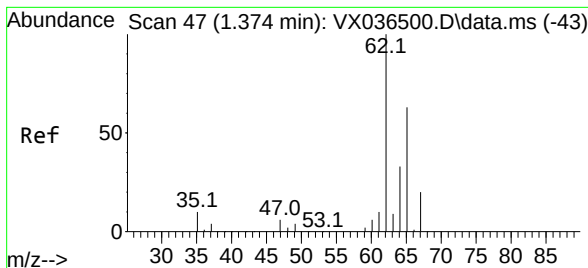
Tgt Ion: 85 Resp: 253517
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.3 39.5



#3
 Chloromethane
 Concen: 107.364 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX036501.D
 Acq: 12 Jul 2023 10:54

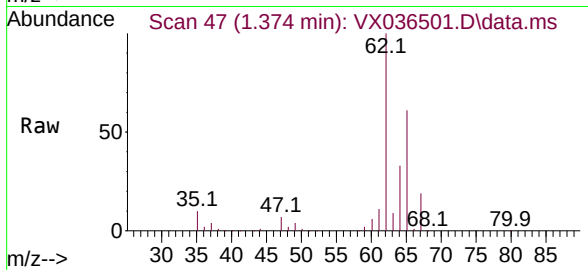
Tgt Ion: 50 Resp: 273706
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.8 42.4



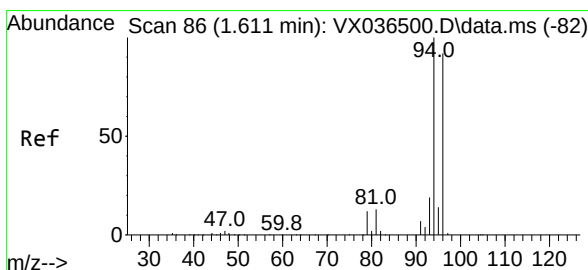
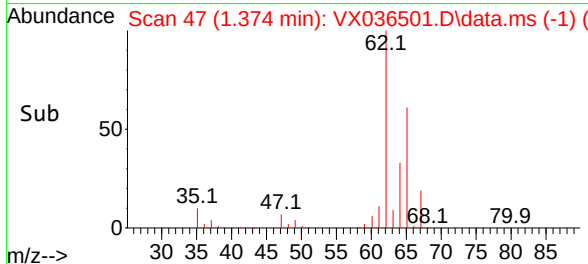
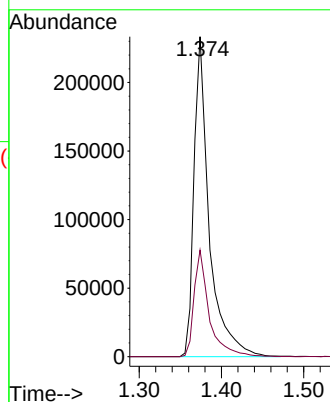


#5
 Vinyl chloride
 Concen: 113.233 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036501.D
 Acq: 12 Jul 2023 10:54

Instrument :
 MSVOA_X
 ClientSampleId :

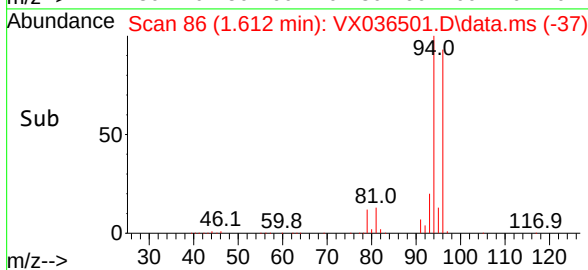
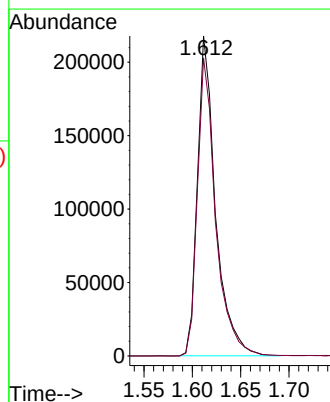
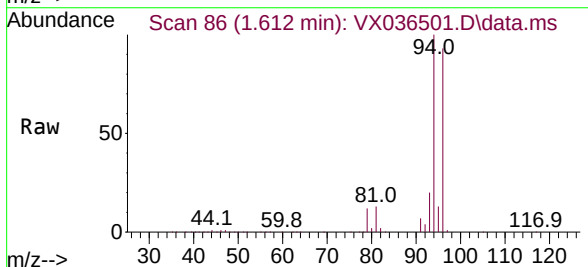


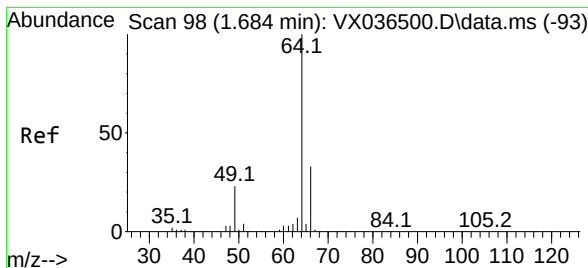
Tgt Ion: 62 Resp: 299425
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.8 42.4



#6
 Bromomethane
 Concen: 113.679 ug/L
 RT: 1.612 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX036501.D
 Acq: 12 Jul 2023 10:54

Tgt Ion: 94 Resp: 284034
 Ion Ratio Lower Upper
 94 100
 96 93.2 64.5 119.7





#8

Chloroethane

Concen: 108.484 ug/L

RT: 1.685 min Scan# 98

Delta R.T. 0.000 min

Lab File: VX036501.D

Acq: 12 Jul 2023 10:54

Instrument :

MSVOA_X

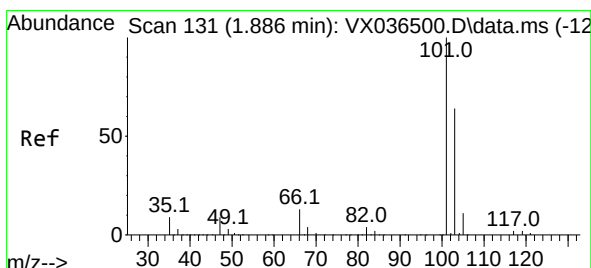
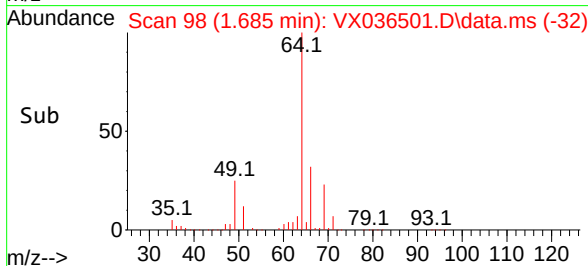
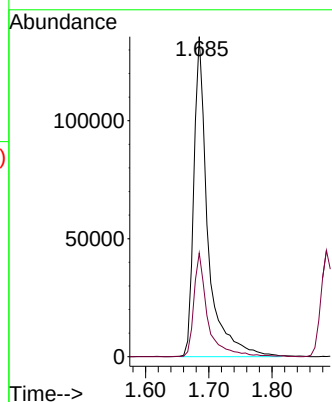
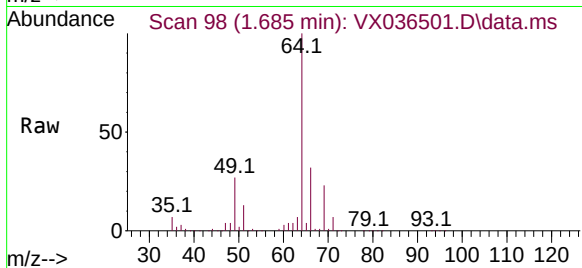
ClientSampleId :

Tgt Ion: 64 Resp: 210047

Ion Ratio Lower Upper

64 100

66 32.4 23.0 42.8



#9

Trichlorofluoromethane

Concen: 116.522 ug/L

RT: 1.886 min Scan# 131

Delta R.T. 0.000 min

Lab File: VX036501.D

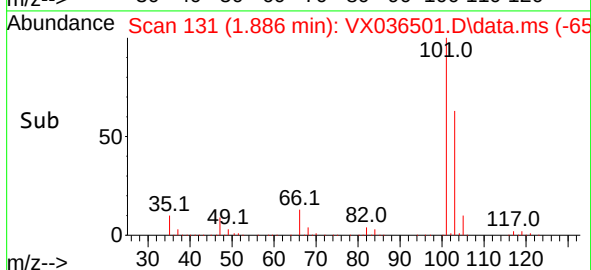
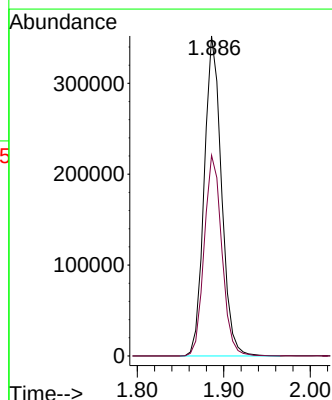
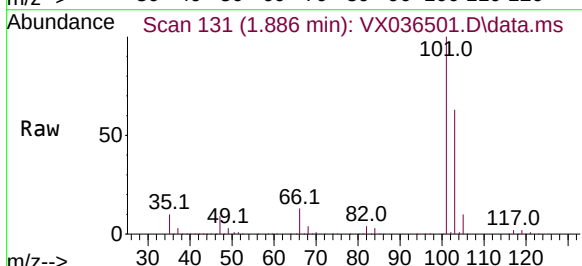
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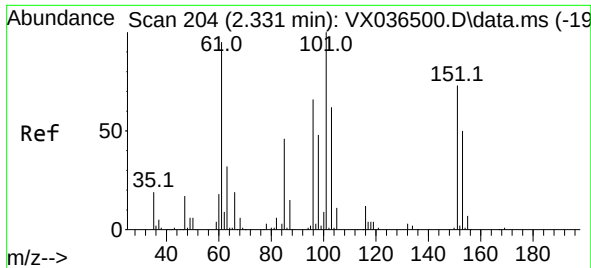
Tgt Ion:101 Resp: 487570

Ion Ratio Lower Upper

101 100

103 63.8 51.7 77.5

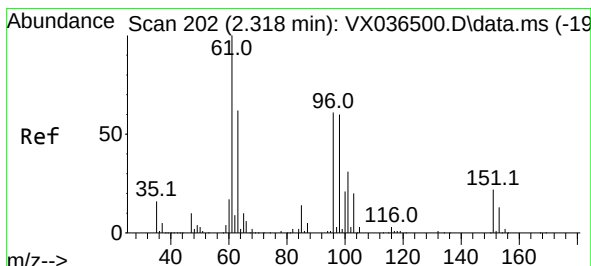
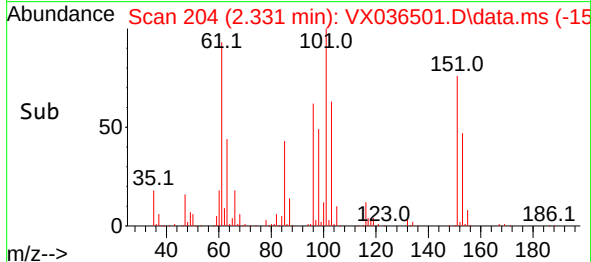
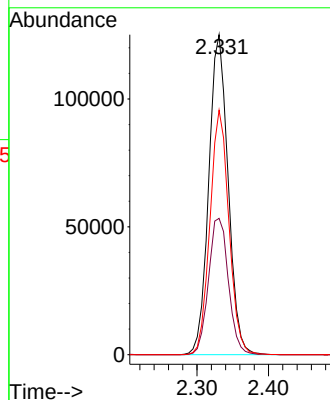
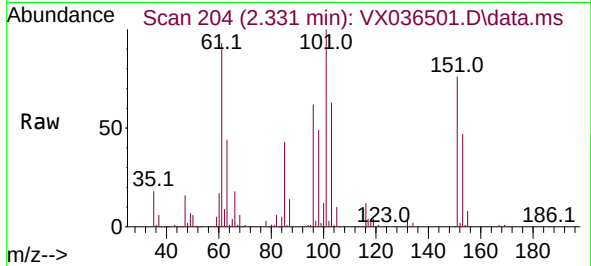




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 118.431 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

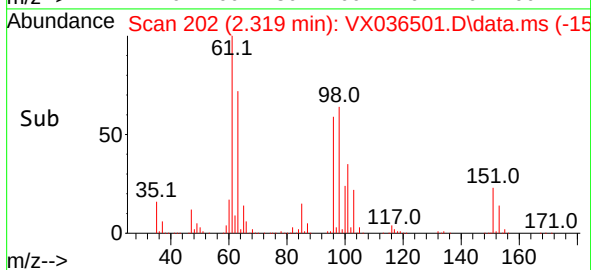
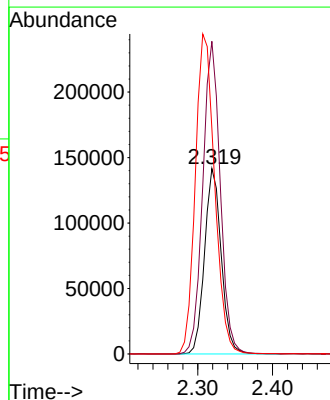
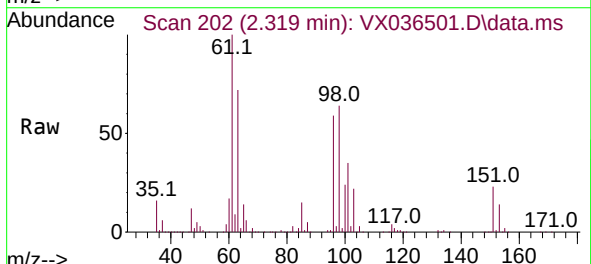
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ClientSampleId :

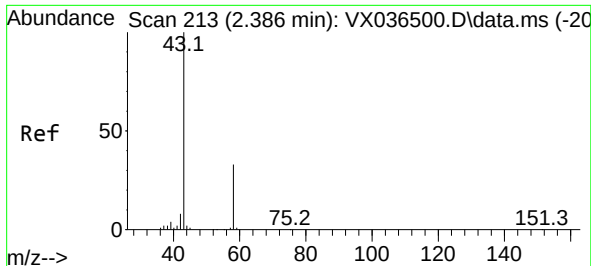
Tgt Ion:101 Resp: 234712
Ion Ratio Lower Upper
101 100
85 43.9 35.8 53.8
151 75.1 59.8 89.6



#12
1,1-Dichloroethene
Concen: 113.182 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

Tgt Ion: 96 Resp: 219346
Ion Ratio Lower Upper
96 100
61 168.5 115.3 214.1
63 121.5 76.3 141.7

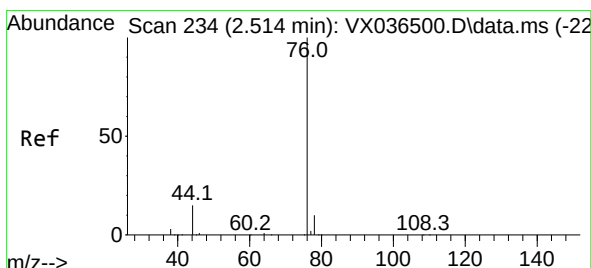
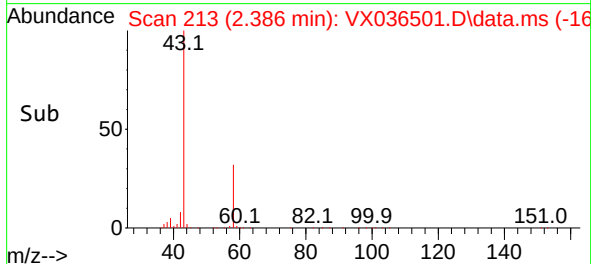
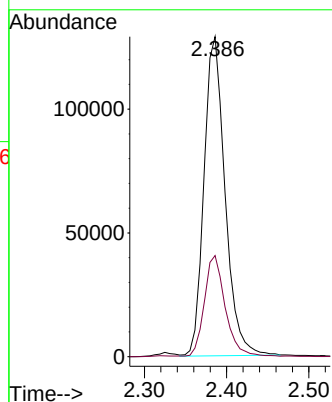
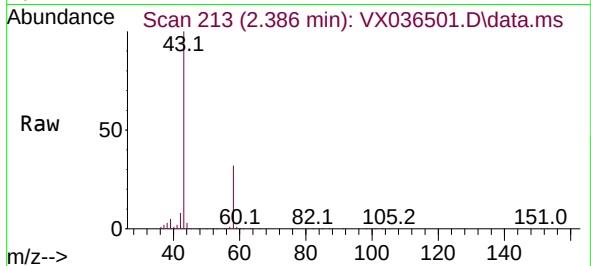




#13
Acetone
Concen: 196.444 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX036501.D
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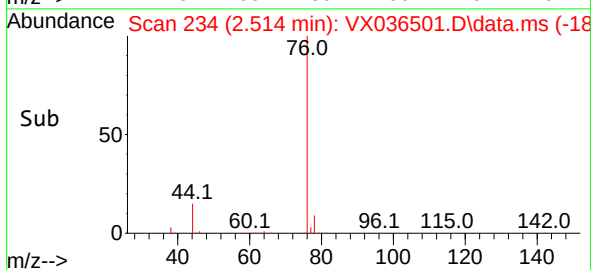
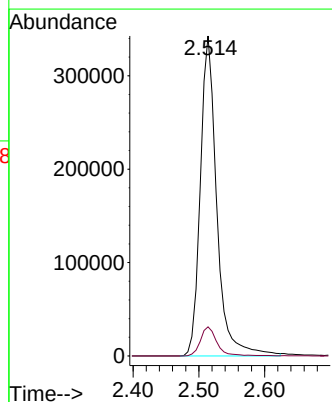
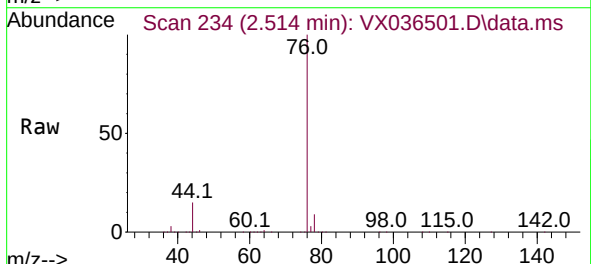
Instrument :
MSVOA_X
ClientSampleId :

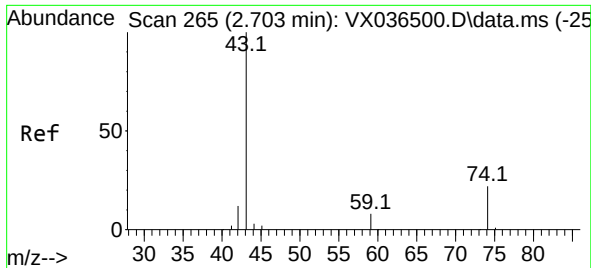
Tgt Ion: 43 Resp: 229446
Ion Ratio Lower Upper
43 100
58 31.4 0.0 62.6



#14
Carbon disulfide
Concen: 114.911 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

Tgt Ion: 76 Resp: 597274
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.6

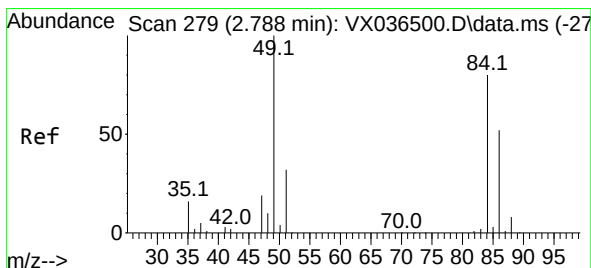
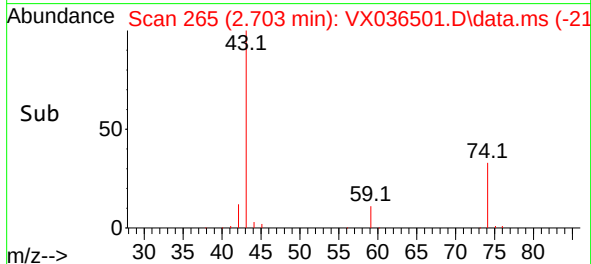
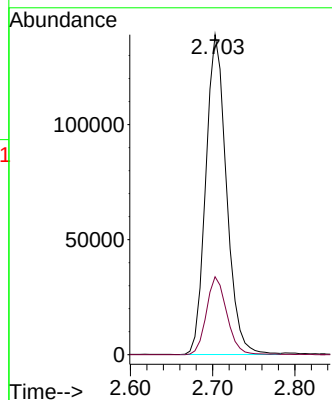
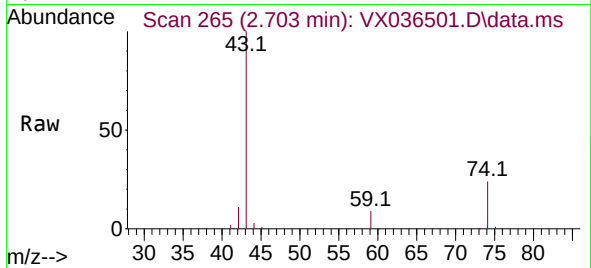




#15
Methyl Acetate
Concen: 104.617 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

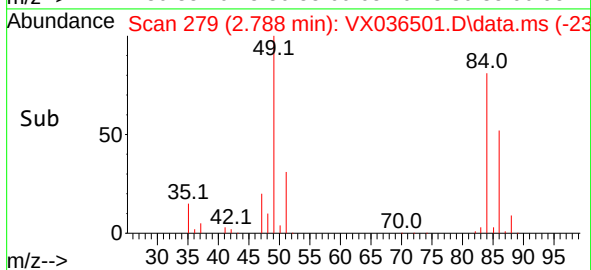
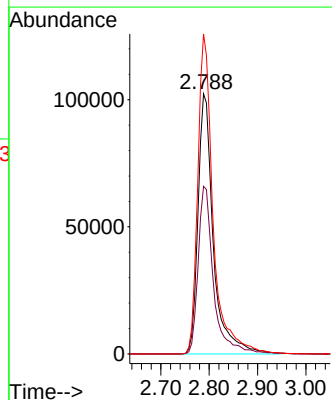
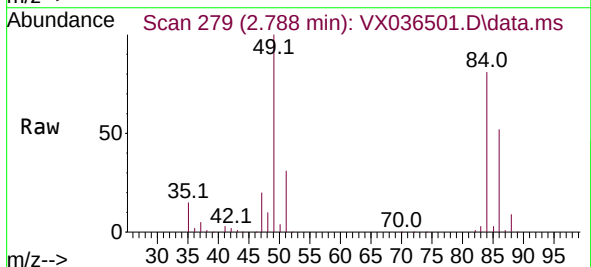
Instrument :
MSVOA_X
ClientSampleId :

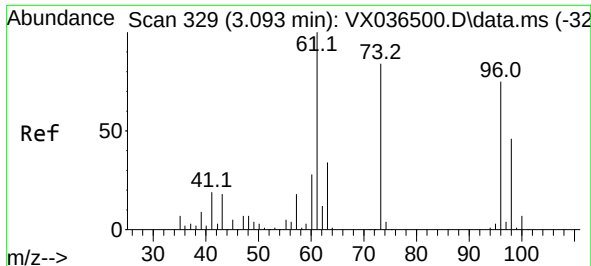
Tgt Ion: 43 Resp: 242936
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.0



#16
Methylene chloride
Concen: 105.879 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

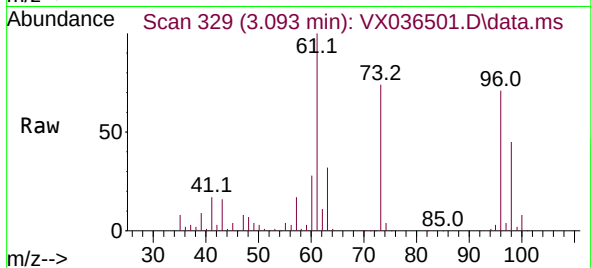
Tgt Ion: 84 Resp: 226410
Ion Ratio Lower Upper
84 100
86 64.5 45.9 85.3
49 123.0 87.6 162.8



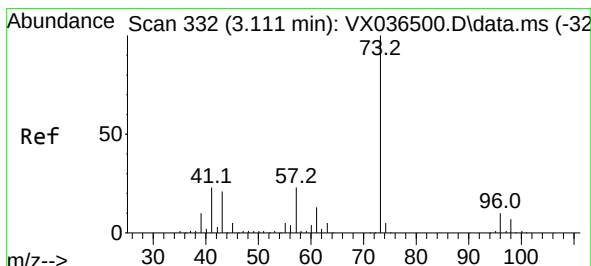
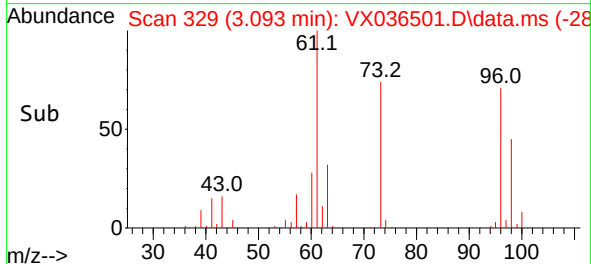
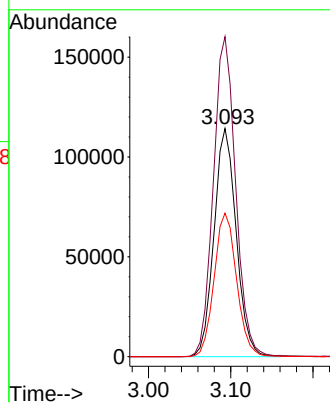


#17
trans-1,2-Dichloroethene
Concen: 109.979 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

Instrument :
MSVOA_X
ClientSampleId :

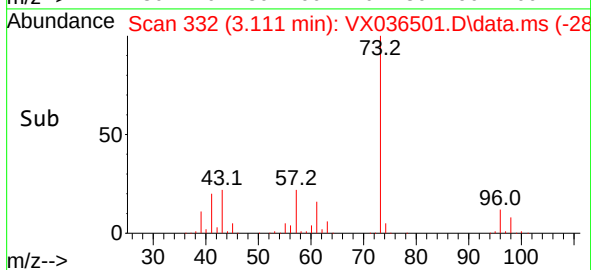
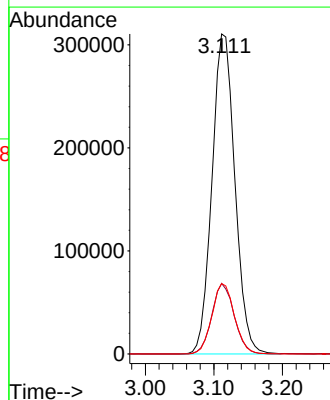
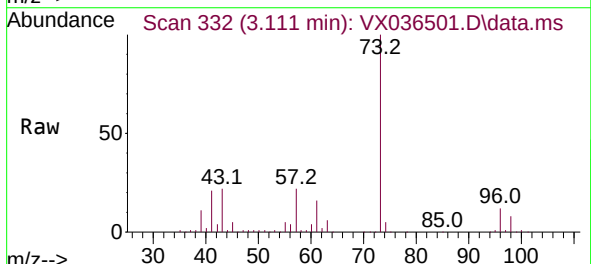


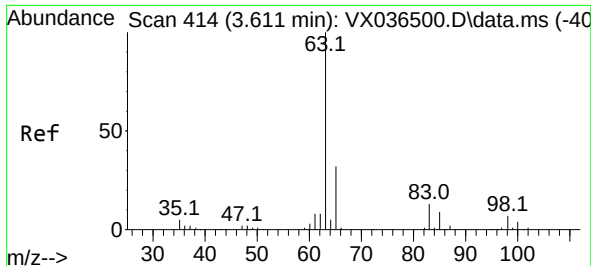
Tgt Ion: 96 Resp: 214678
Ion Ratio Lower Upper
96 100
61 140.3 93.7 174.1
98 62.9 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 106.182 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

Tgt Ion: 73 Resp: 720606
Ion Ratio Lower Upper
73 100
43 21.5 17.0 25.6
57 21.7 17.4 26.0





#19

1,1-Dichloroethane

Concen: 106.258 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX036501.D

Acq: 12 Jul 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

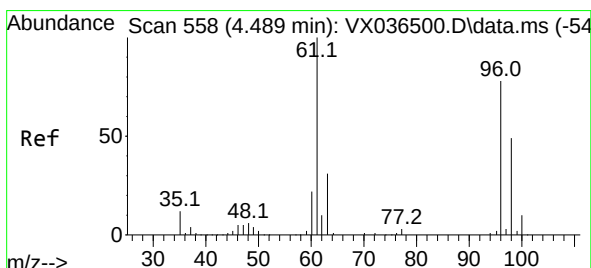
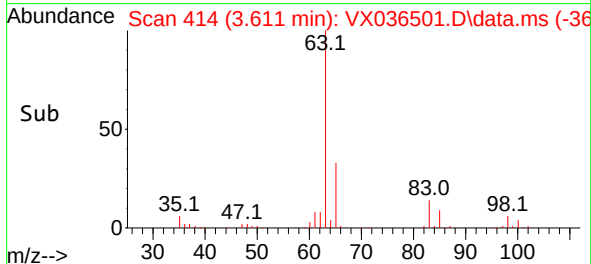
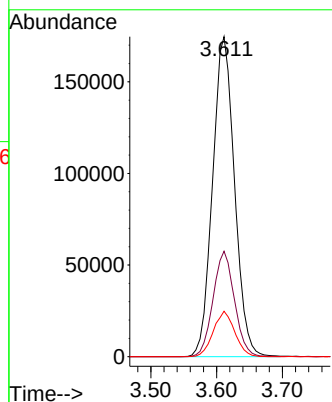
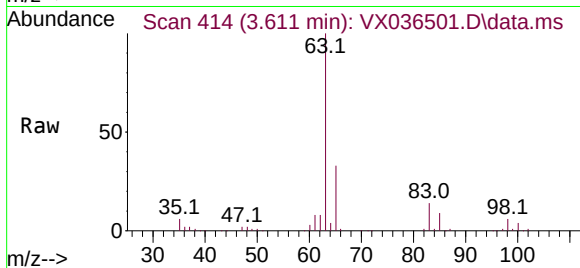
Tgt Ion: 63 Resp: 405825

Ion Ratio Lower Upper

63 100

65 32.9 22.3 41.3

83 14.2 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 108.273 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX036501.D

Acq: 12 Jul 2023 10:54

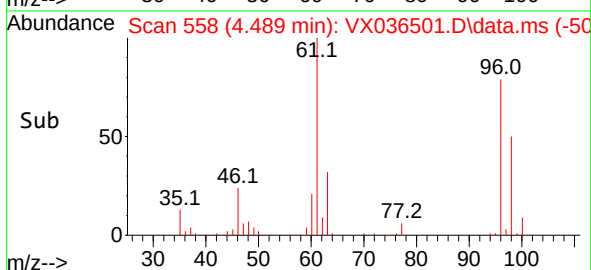
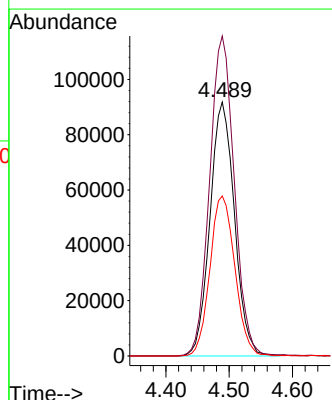
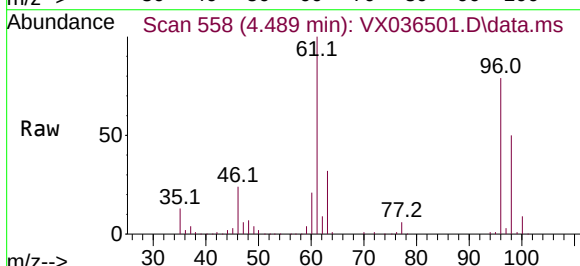
Tgt Ion: 96 Resp: 247013

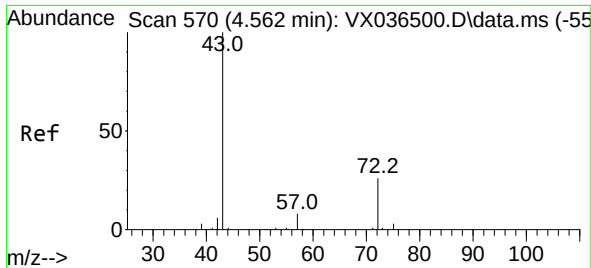
Ion Ratio Lower Upper

96 100

61 126.0 90.1 167.3

98 63.0 44.1 81.9

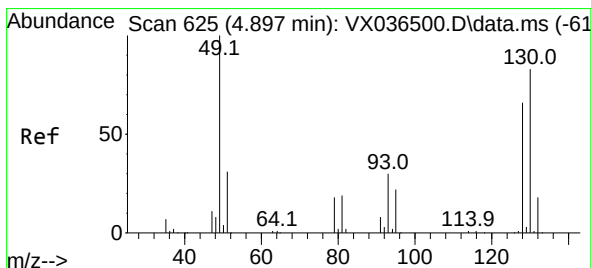
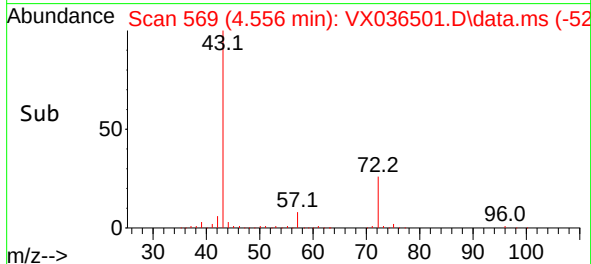
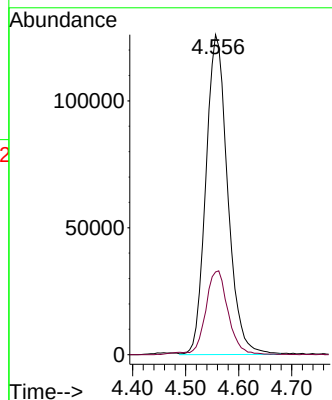
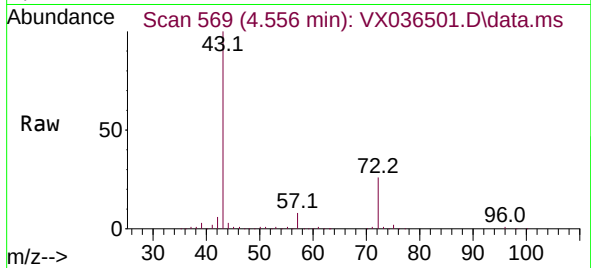




#22
2-Butanone
Concen: 211.754 ug/L
RT: 4.556 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

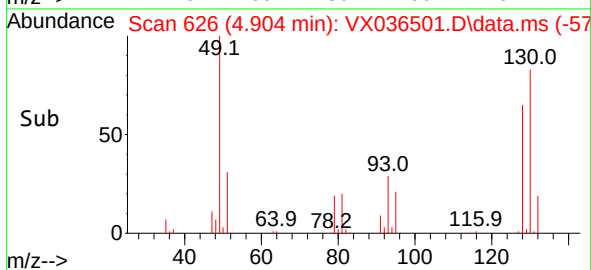
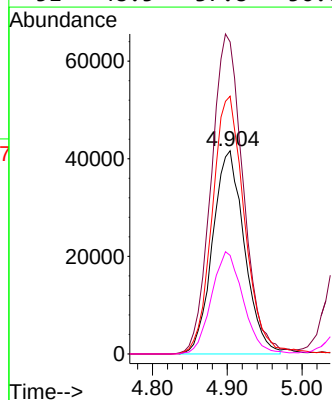
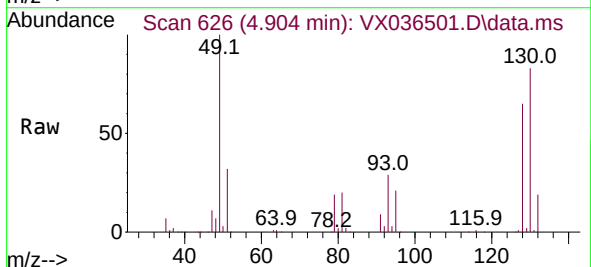
Instrument :
MSVOA_X
ClientSampleId :

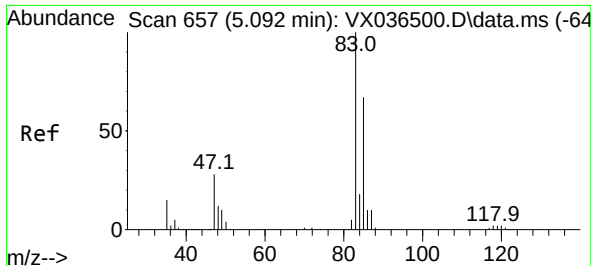
Tgt Ion: 43 Resp: 359685
Ion Ratio Lower Upper
43 100
72 26.2 13.8 41.3



#23
Bromochloromethane
Concen: 107.666 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

Tgt Ion: 128 Resp: 122777
Ion Ratio Lower Upper
128 100
49 153.6 105.8 196.4
130 126.8 88.1 163.7
51 48.5 37.8 56.6





#25

Chloroform

Concen: 107.839 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX036501.D

Acq: 12 Jul 2023 10:54

Instrument :

MSVOA_X

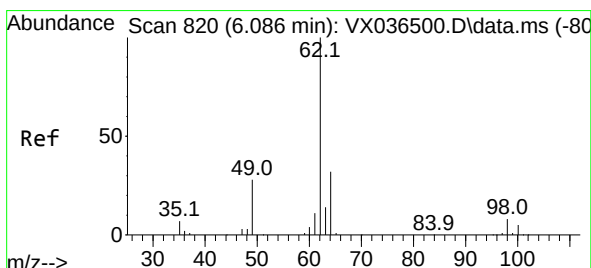
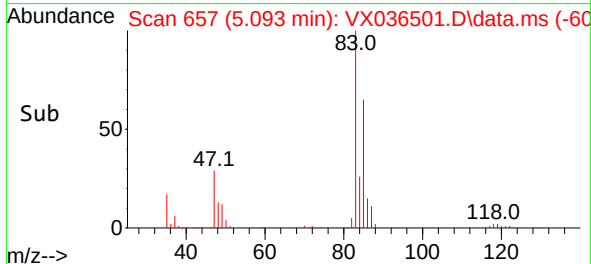
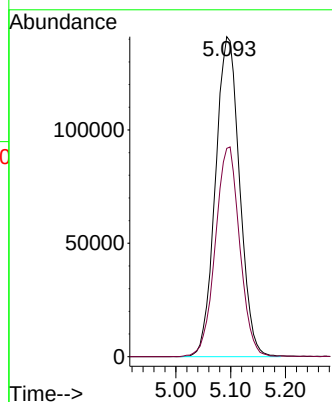
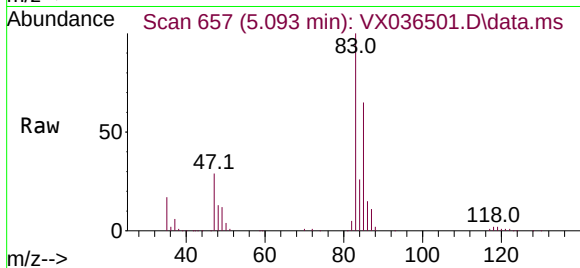
ClientSampleId :

Tgt Ion: 83 Resp: 432530

Ion Ratio Lower Upper

83 100

85 65.1 46.8 87.0



#27

1,2-Dichloroethane

Concen: 106.409 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX036501.D

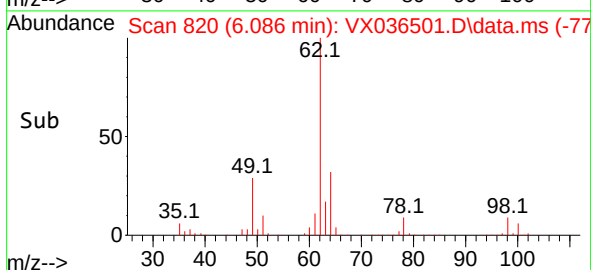
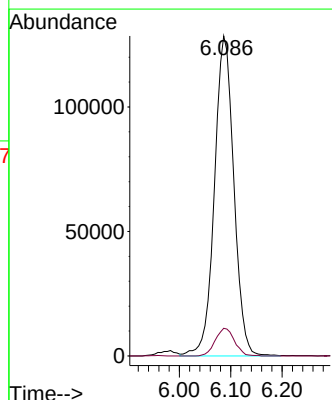
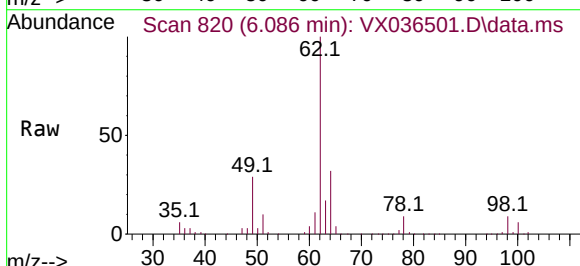
Acq: 12 Jul 2023 10:54

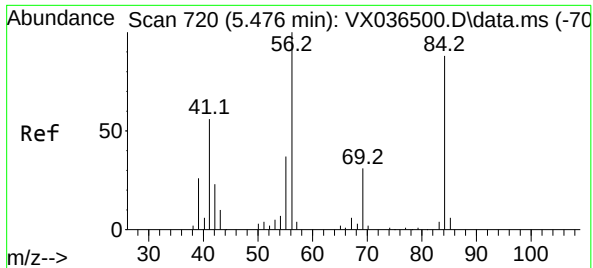
Tgt Ion: 62 Resp: 337601

Ion Ratio Lower Upper

62 100

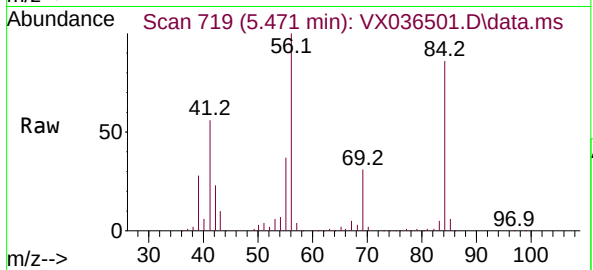
98 8.6 6.5 9.7





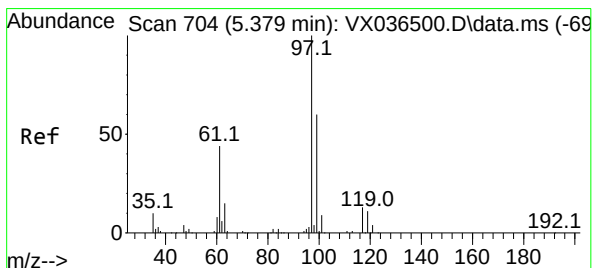
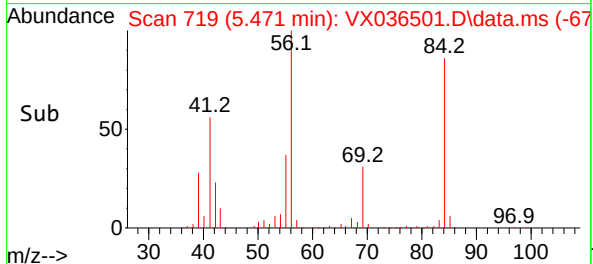
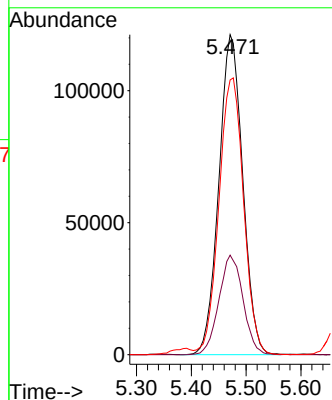
#29
Cyclohexane
Concen: 117.409 ug/L
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 56 Resp: 367029

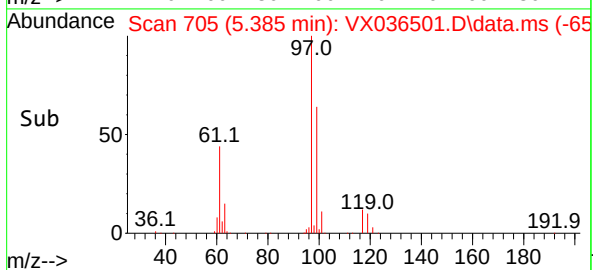
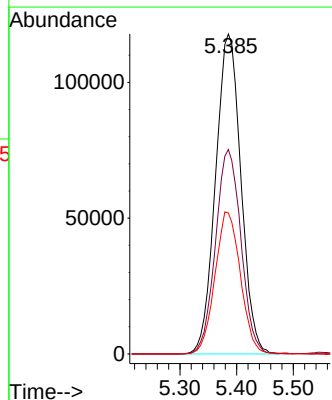
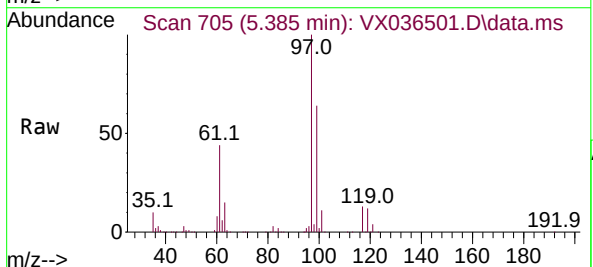
Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.3	37.9
84	89.4	73.0	109.4

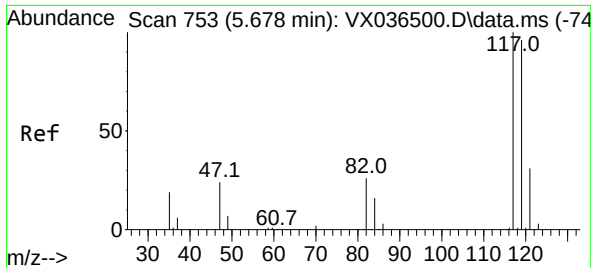


#30
1,1,1-Trichloroethane
Concen: 111.426 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

Tgt Ion: 97 Resp: 366101

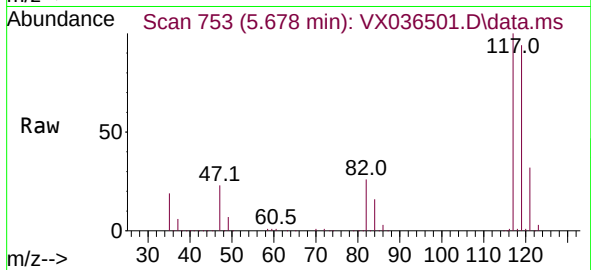
Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.6	76.0
61	44.6	34.7	52.1



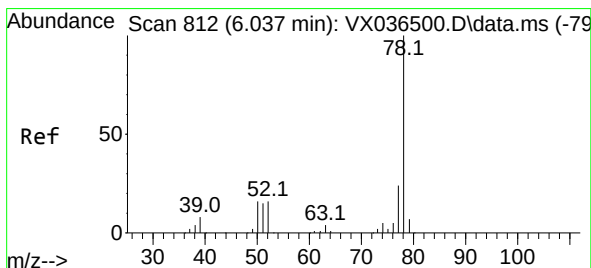
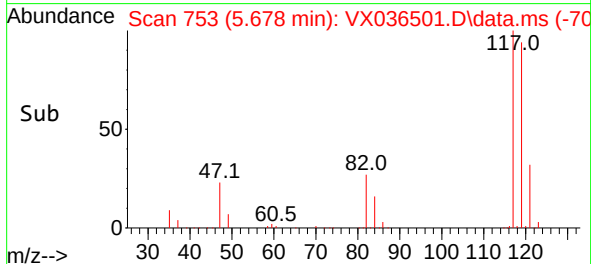
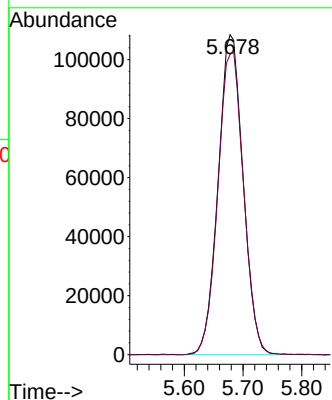


#31
Carbon tetrachloride
Concen: 116.106 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

Instrument :
MSVOA_X
ClientSampleId :

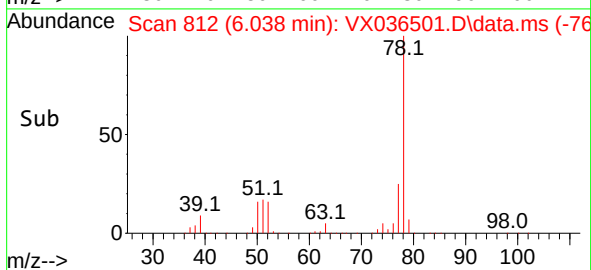
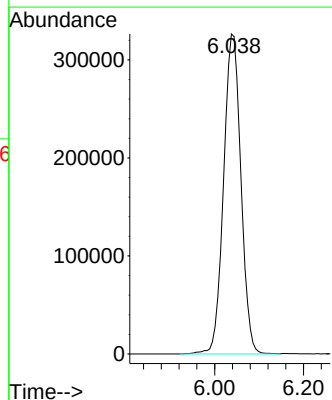
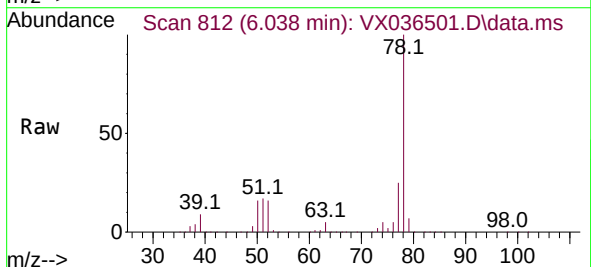


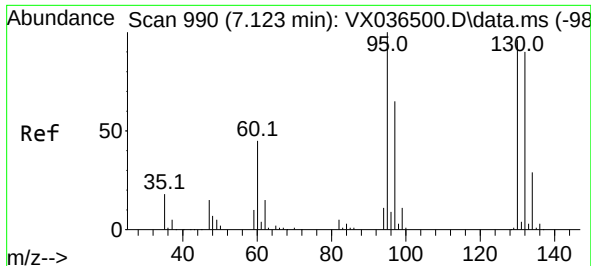
Tgt Ion:117 Resp: 319700
Ion Ratio Lower Upper
117 100
119 97.1 76.6 114.8



#33
Benzene
Concen: 106.738 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

Tgt Ion: 78 Resp: 881131

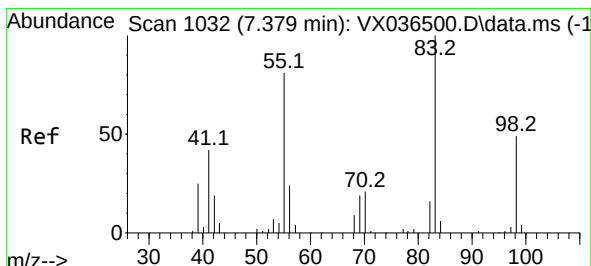
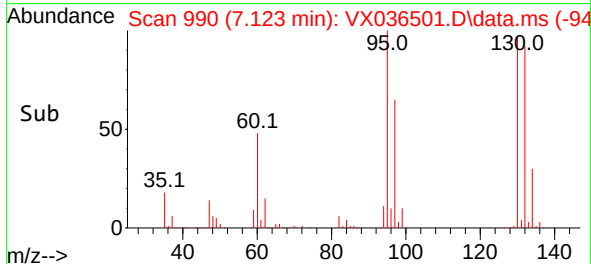
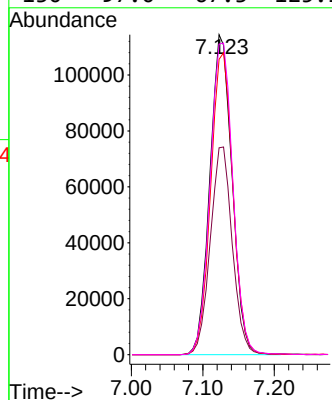
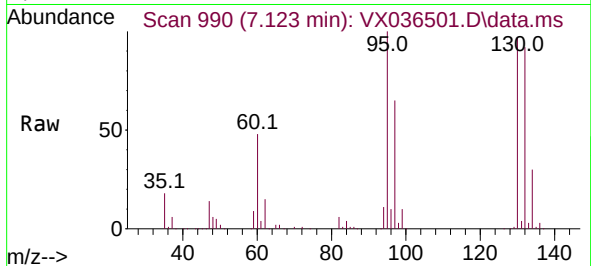




#34
Trichloroethene
Concen: 109.530 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

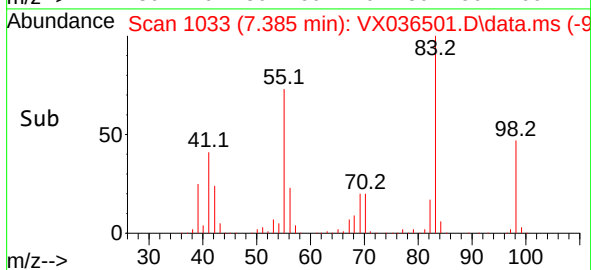
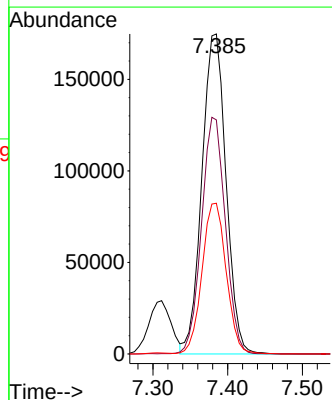
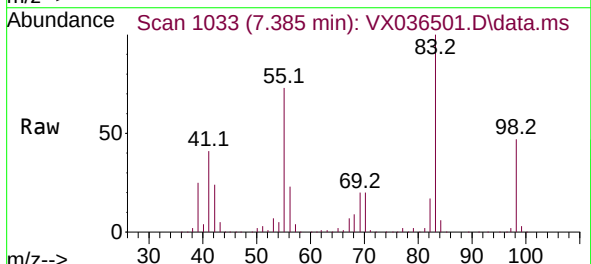
Instrument :
MSVOA_X
ClientSampleId :

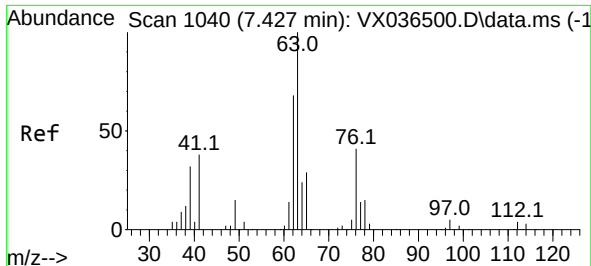
Tgt Ion: 95 Resp: 246614
Ion Ratio Lower Upper
95 100
97 64.7 45.3 84.1
132 92.3 63.0 117.0
130 97.0 67.3 125.1



#35
Methylcyclohexane
Concen: 119.570 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

Tgt Ion: 83 Resp: 392096
Ion Ratio Lower Upper
83 100
55 72.8 59.0 88.4
98 47.2 37.5 56.3





#37

1,2-Dichloropropane

Concen: 107.099 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VX036501.D

Acq: 12 Jul 2023 10:54

Instrument :

MSVOA_X

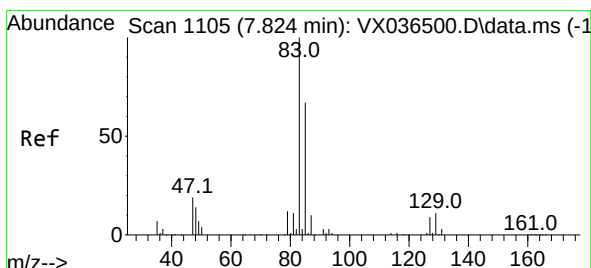
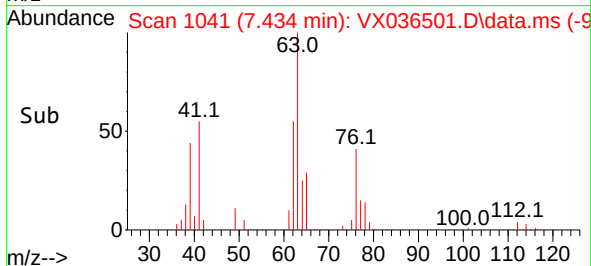
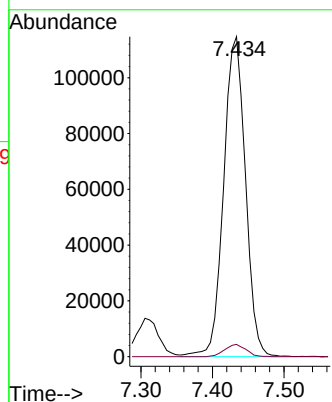
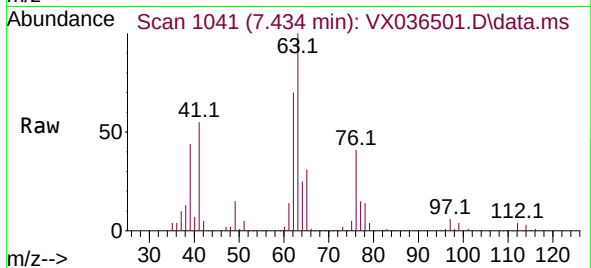
ClientSampleId :

Tgt Ion: 63 Resp: 243074

Ion Ratio Lower Upper

63 100

112 3.7 3.1 4.7



#38

Bromodichloromethane

Concen: 109.966 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX036501.D

Acq: 12 Jul 2023 10:54

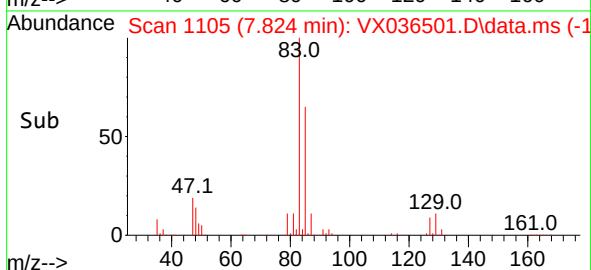
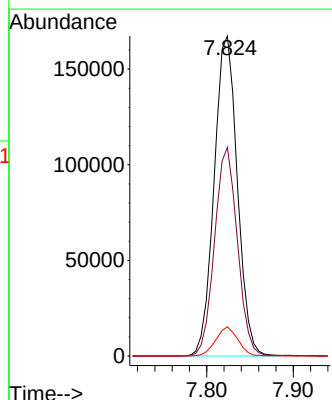
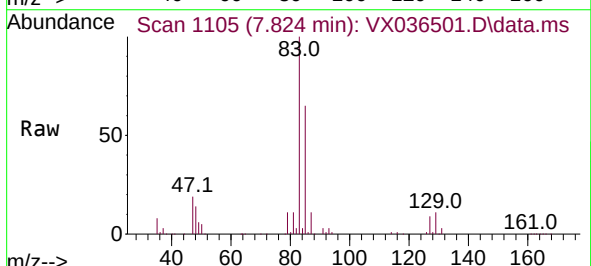
Tgt Ion: 83 Resp: 311217

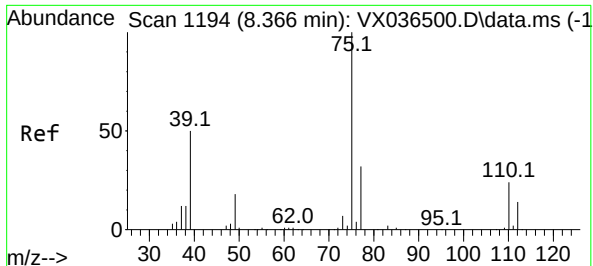
Ion Ratio Lower Upper

83 100

85 65.2 46.9 87.1

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 111.102 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036501.D

Acq: 12 Jul 2023 10:54

Instrument :

MSVOA_X

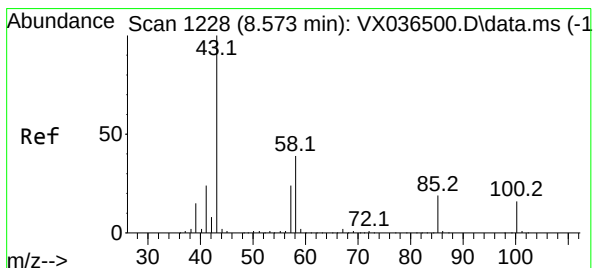
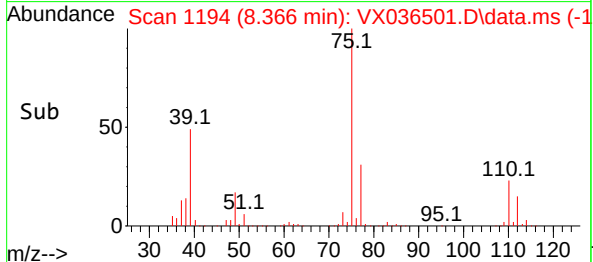
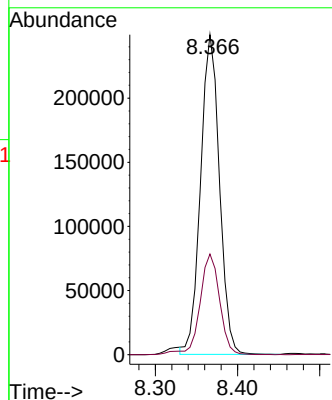
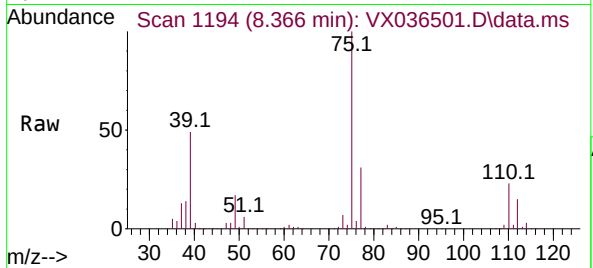
ClientSampleId :

Tgt Ion: 75 Resp: 397318

Ion Ratio Lower Upper

75 100

77 31.5 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 215.958 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX036501.D

Acq: 12 Jul 2023 10:54

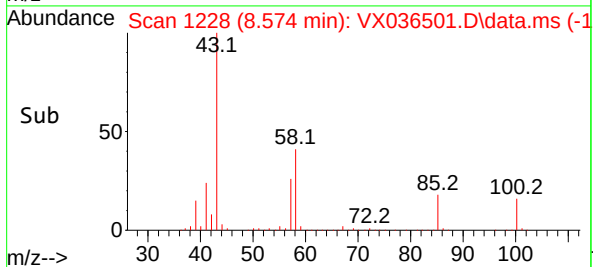
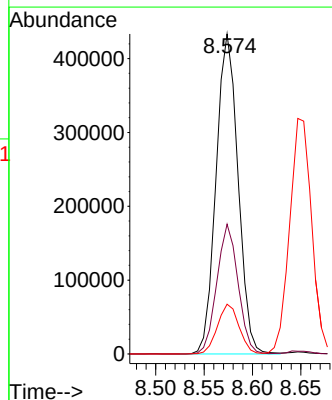
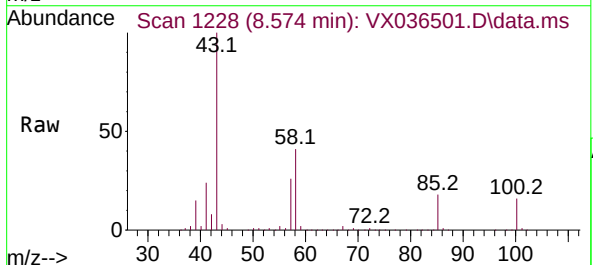
Tgt Ion: 43 Resp: 683161

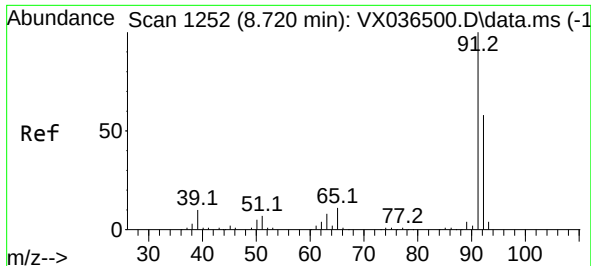
Ion Ratio Lower Upper

43 100

58 39.2 31.4 47.0

100 15.3 12.3 18.5





#42

Toluene

Concen: 107.740 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX036501.D

Acq: 12 Jul 2023 10:54

Instrument :

MSVOA_X

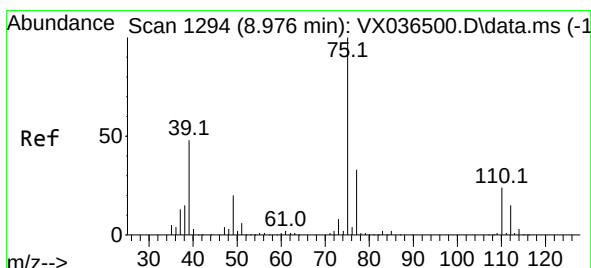
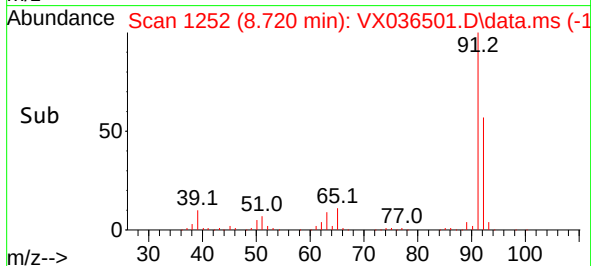
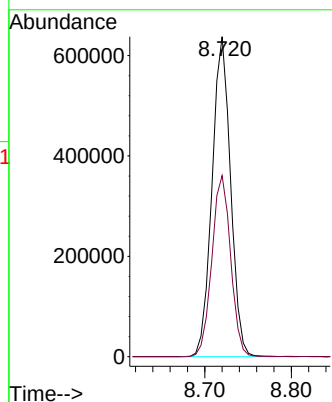
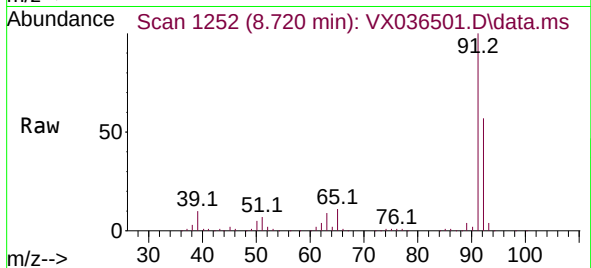
ClientSampleId :

Tgt Ion: 91 Resp: 946233

Ion Ratio Lower Upper

91 100

92 56.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 112.512 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX036501.D

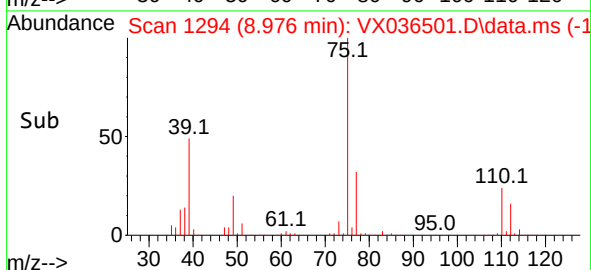
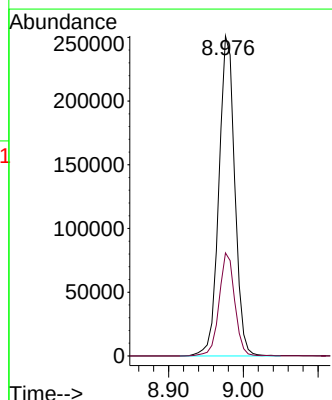
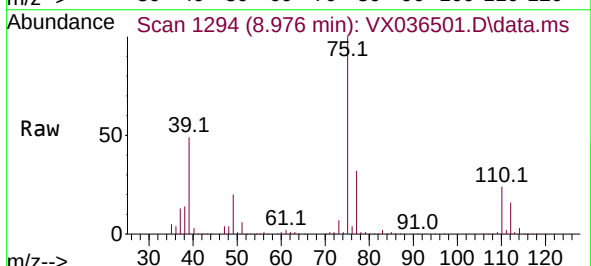
Acq: 12 Jul 2023 10:54

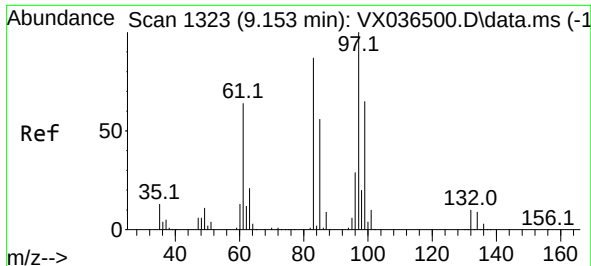
Tgt Ion: 75 Resp: 370504

Ion Ratio Lower Upper

75 100

77 32.2 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 106.747 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036501.D

Acq: 12 Jul 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 230264

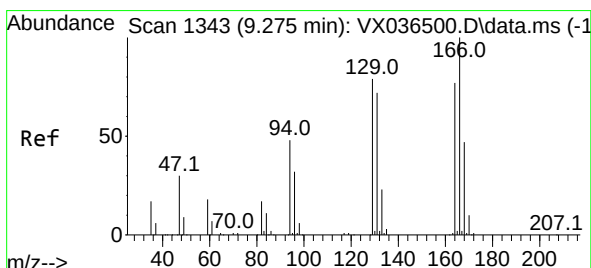
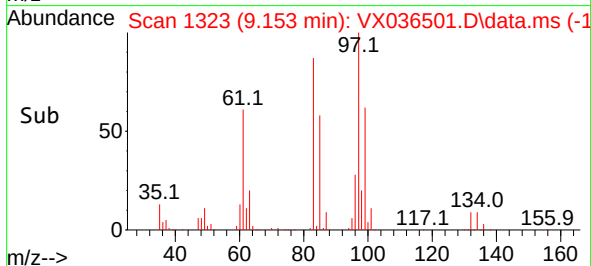
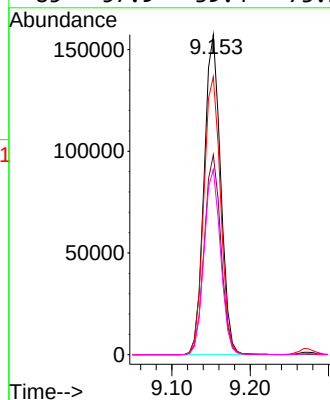
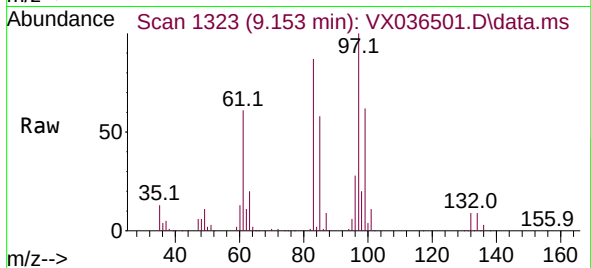
Ion Ratio Lower Upper

97 100

99 62.4 45.1 83.9

83 86.9 60.6 112.6

85 57.9 39.4 73.2



#46

Tetrachloroethene

Concen: 112.326 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX036501.D

Acq: 12 Jul 2023 10:54

Tgt Ion:164 Resp: 179698

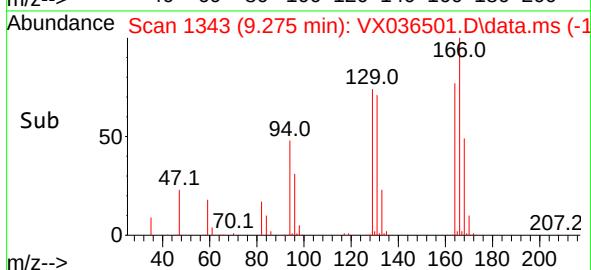
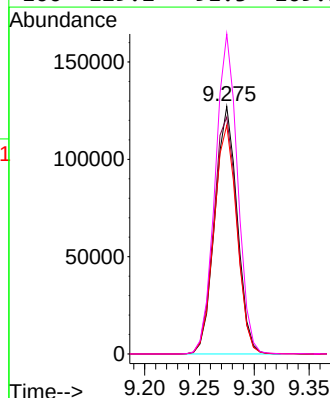
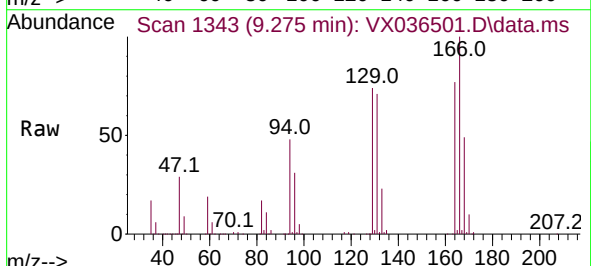
Ion Ratio Lower Upper

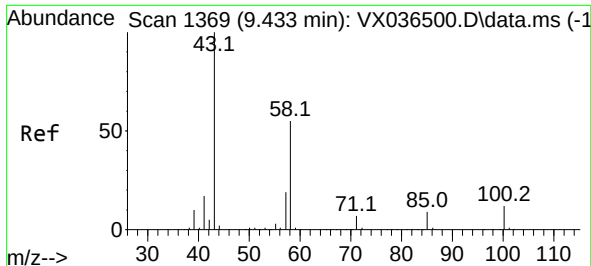
164 100

129 95.7 72.0 133.8

131 92.4 65.7 121.9

166 129.2 91.3 169.5



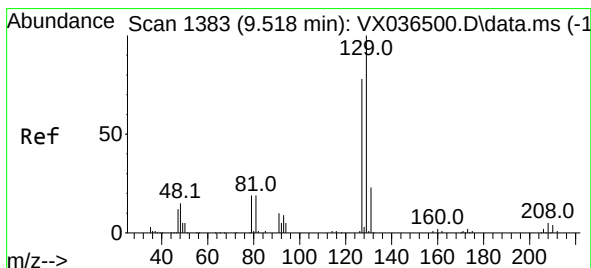
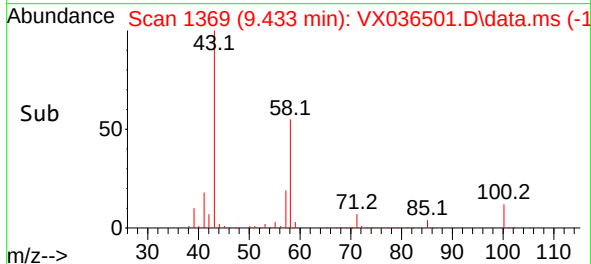
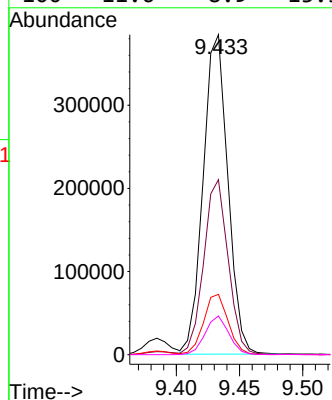
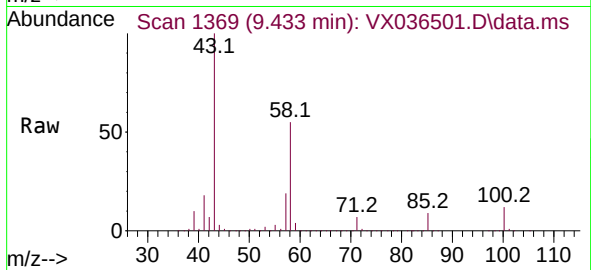


#48
2-Hexanone
Concen: 211.530 ug/L
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 522931

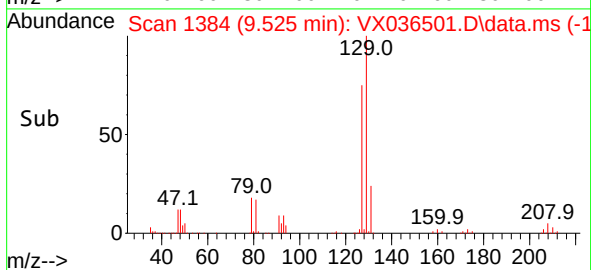
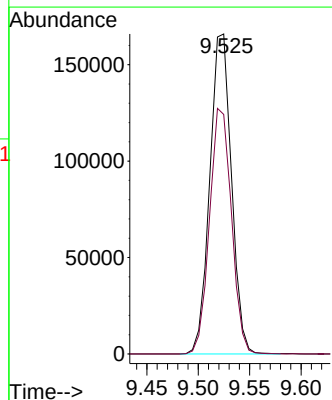
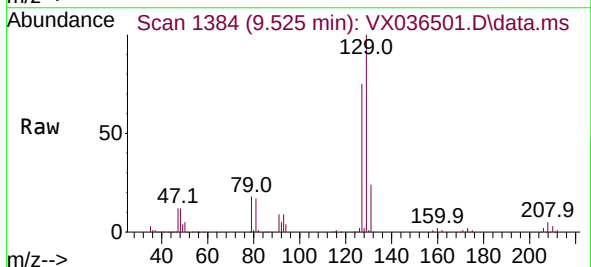
Ion	Ratio	Lower	Upper
43	100		
58	54.3	42.5	63.7
57	18.9	15.0	22.4
100	11.6	8.9	13.3

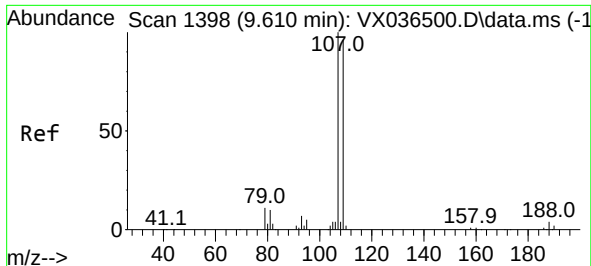


#49
Dibromochloromethane
Concen: 112.226 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

Tgt Ion: 129 Resp: 243031

Ion	Ratio	Lower	Upper
129	100		
127	74.8	54.8	101.8

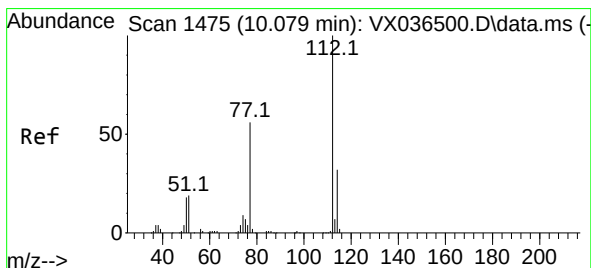
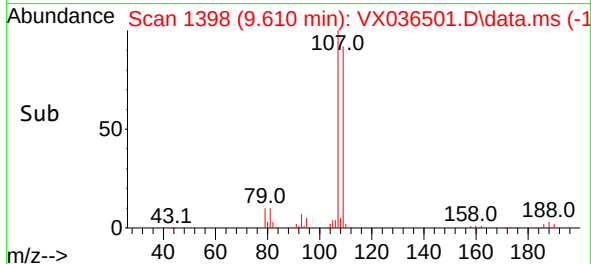
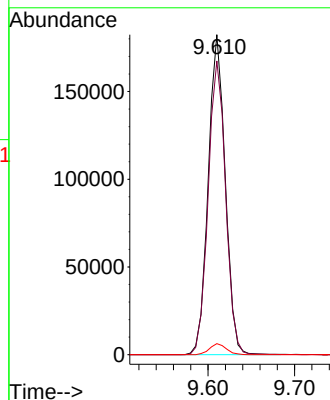
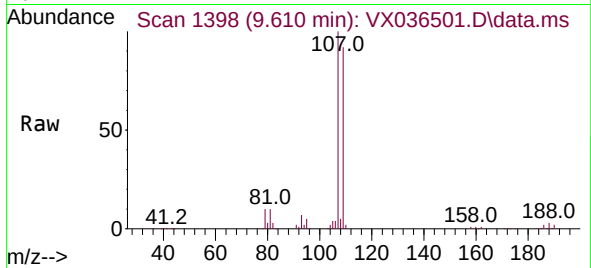




#50
1,2-Dibromoethane
Concen: 107.834 ug/L
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

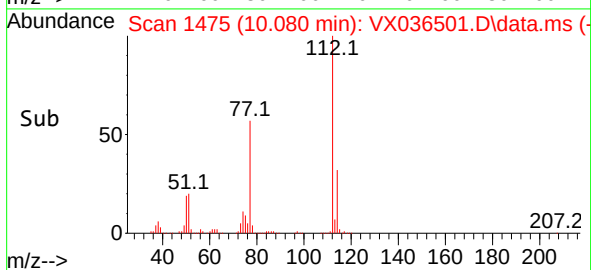
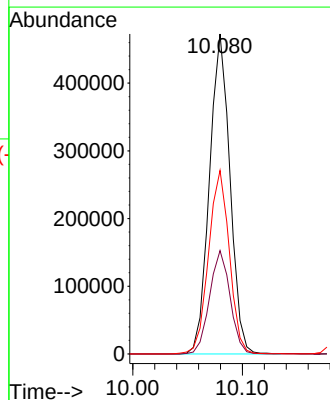
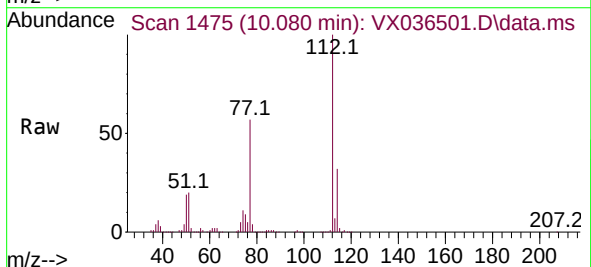
Instrument :
MSVOA_X
ClientSampleId :

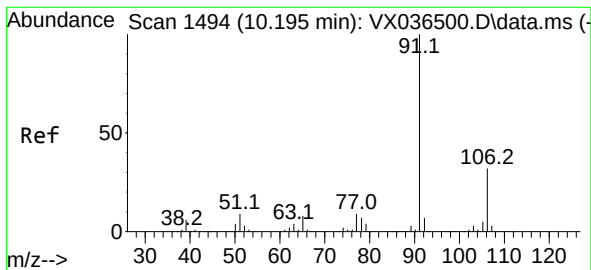
Tgt Ion:107 Resp: 249336
Ion Ratio Lower Upper
107 100
109 91.8 67.3 124.9
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 107.443 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

Tgt Ion:112 Resp: 613520
Ion Ratio Lower Upper
112 100
114 32.3 22.3 41.3
77 57.4 45.2 67.8

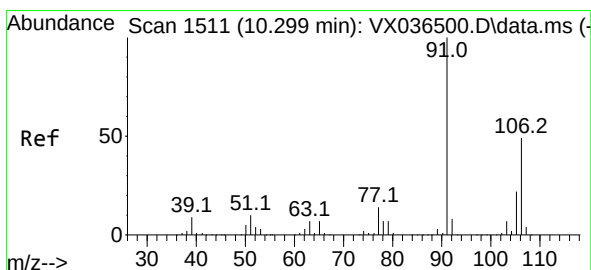
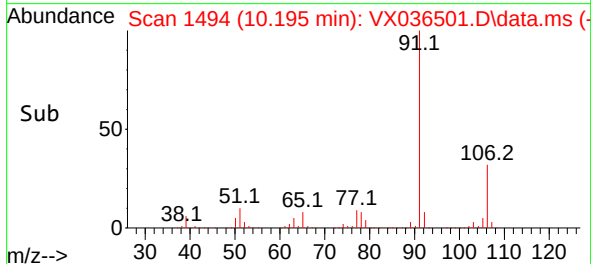
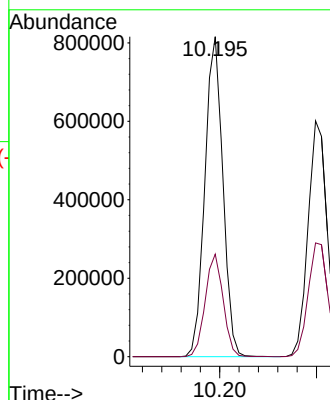
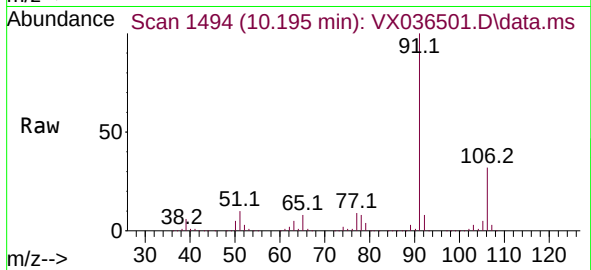




#52
Ethylbenzene
Concen: 109.194 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

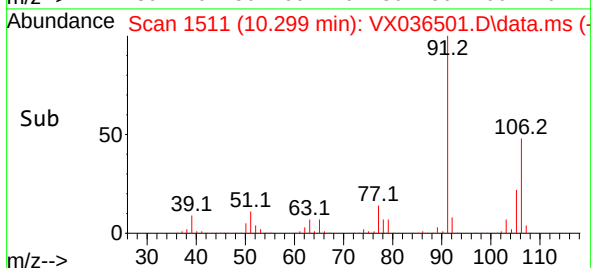
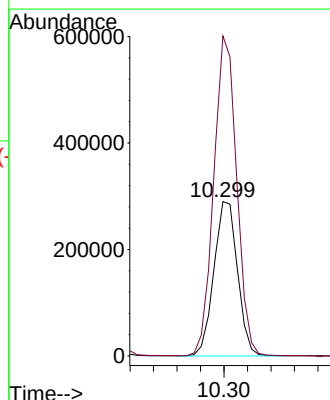
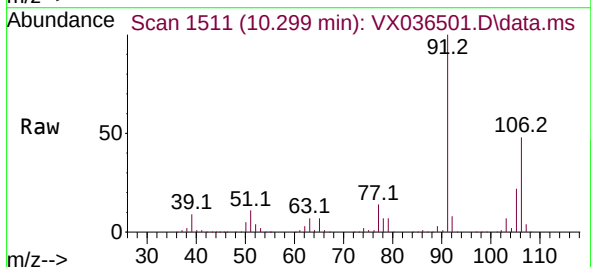
Instrument :
MSVOA_X
ClientSampleId :

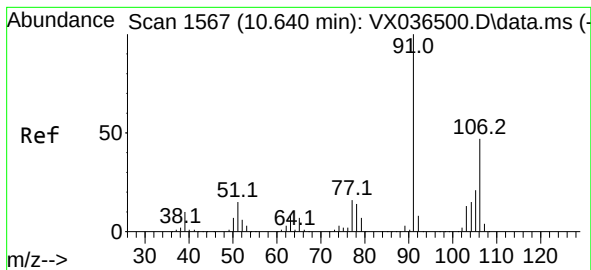
Tgt Ion: 91 Resp: 1055387
Ion Ratio Lower Upper
91 100
106 32.1 22.1 41.1



#53
m,p-Xylene
Concen: 109.784 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

Tgt Ion:106 Resp: 404872
Ion Ratio Lower Upper
106 100
91 207.3 143.1 265.9

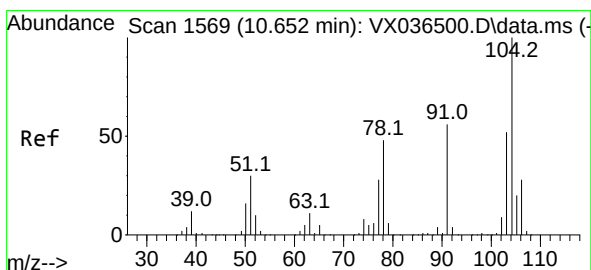
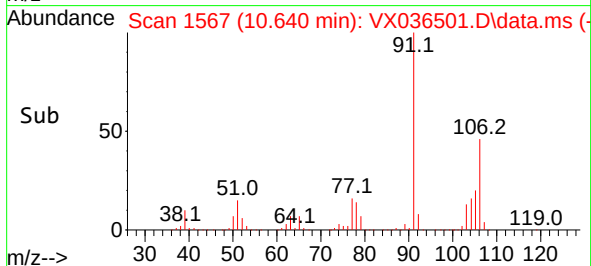
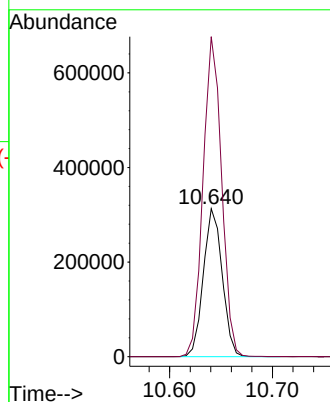
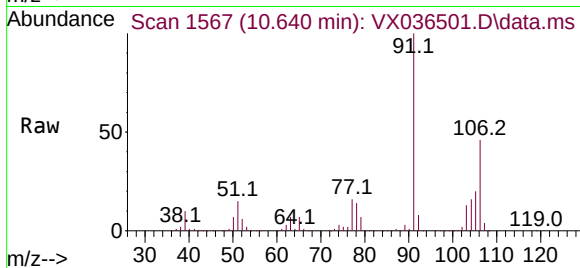




#54
o-Xylene
Concen: 109.052 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

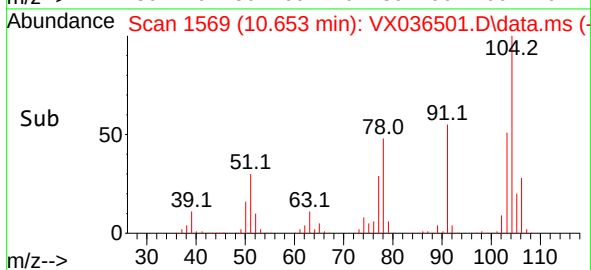
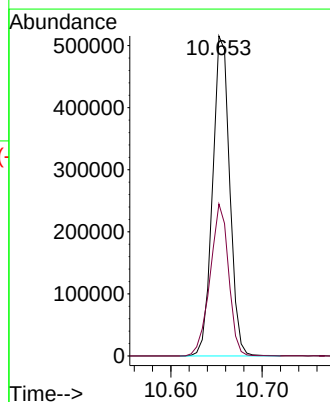
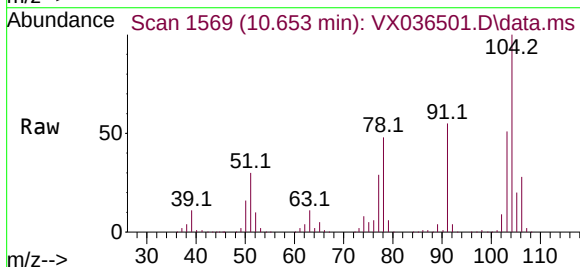
Instrument :
MSVOA_X
ClientSampleId :

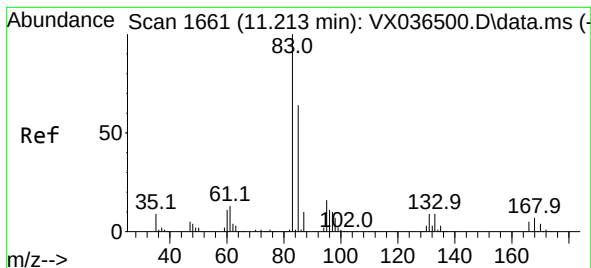
Tgt Ion:106 Resp: 398855
Ion Ratio Lower Upper
106 100
91 216.1 147.8 274.4



#55
Styrene
Concen: 109.936 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

Tgt Ion:104 Resp: 670319
Ion Ratio Lower Upper
104 100
78 47.5 33.5 62.3

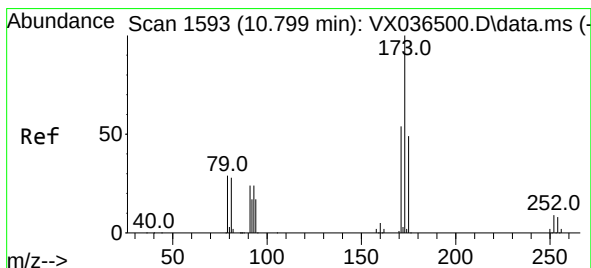
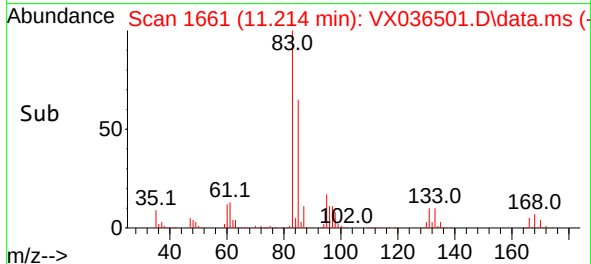
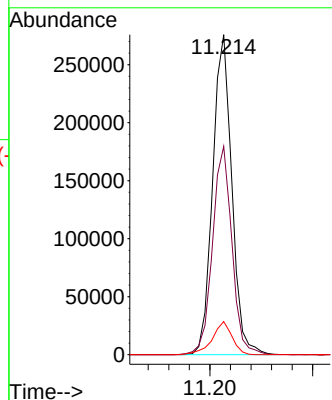
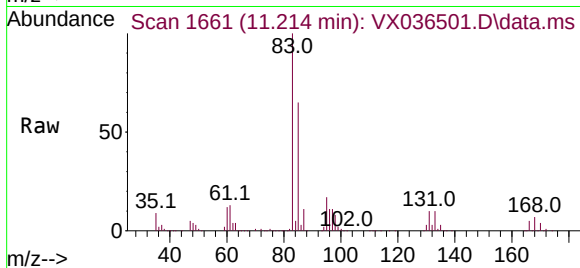




#57
1,1,2,2-Tetrachloroethane
Concen: 106.561 ug/L
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

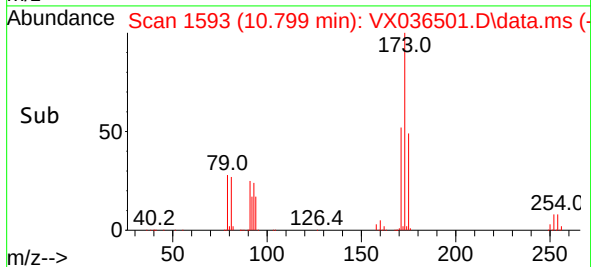
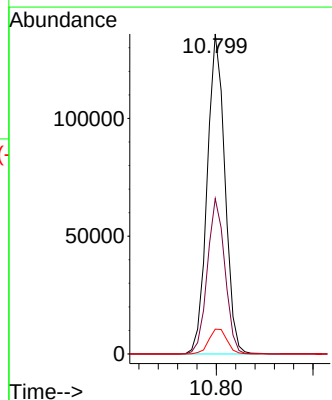
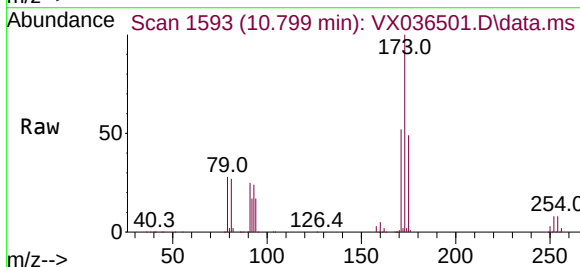
Instrument :
MSVOA_X
ClientSampleId :

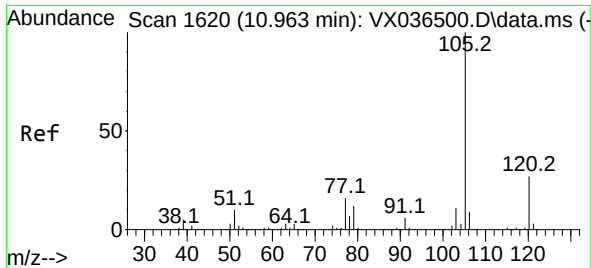
Tgt Ion: 83 Resp: 357063
Ion Ratio Lower Upper
83 100
85 65.1 44.9 83.3
131 10.4 7.4 11.0



#59
Bromoform
Concen: 113.152 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

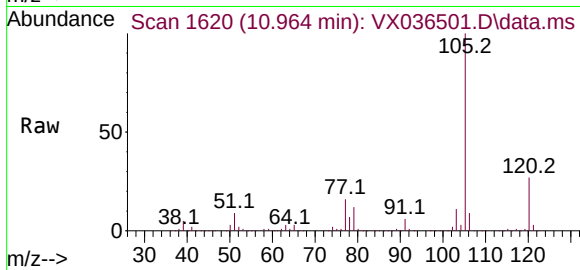
Tgt Ion:173 Resp: 173073
Ion Ratio Lower Upper
173 100
175 48.2 39.5 59.3
254 8.0 7.0 10.4



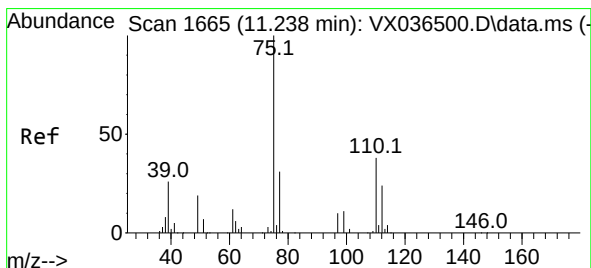
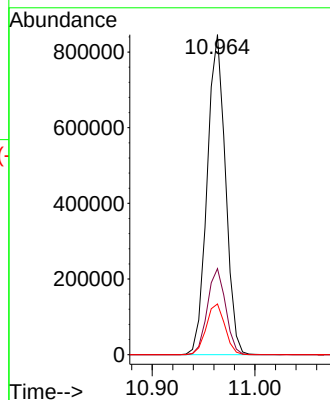
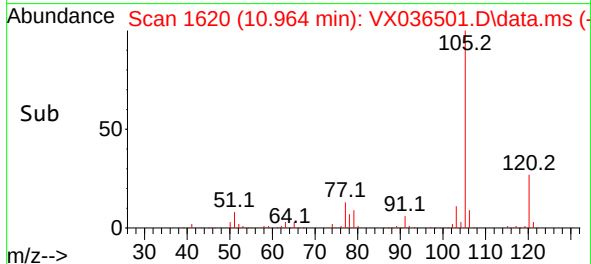


#60
Isopropylbenzene
Concen: 110.974 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

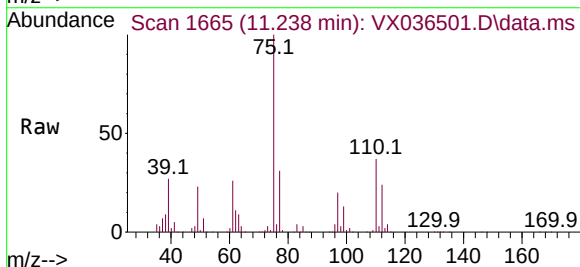
Instrument :
MSVOA_X
ClientSampleId :



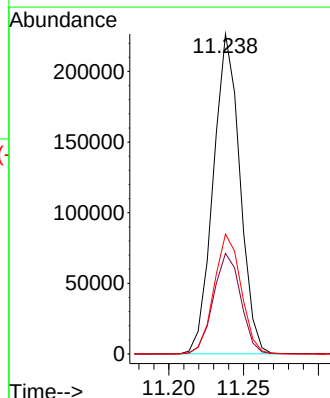
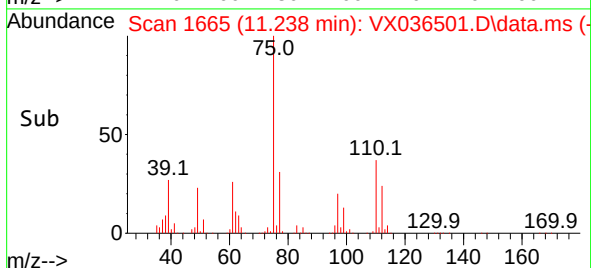
Tgt Ion:105 Resp: 1043944
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 16.2 12.7 19.1

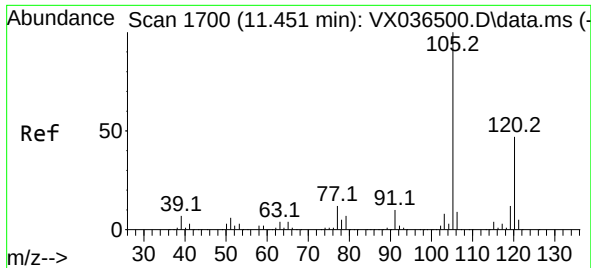


#61
1,2,3-Trichloropropane
Concen: 106.009 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54



Tgt Ion: 75 Resp: 280054
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
110 38.0 29.9 44.9

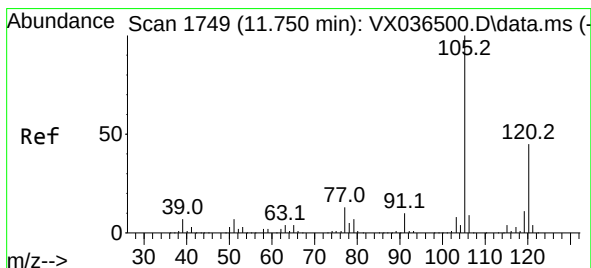
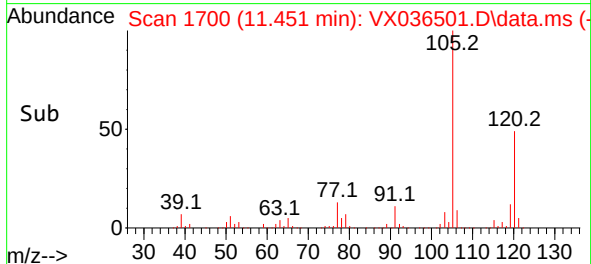
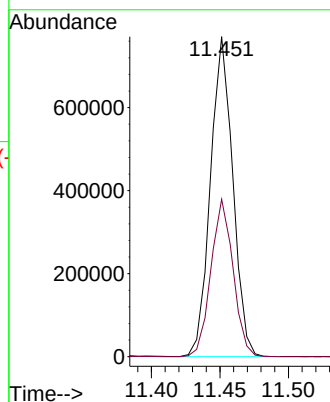
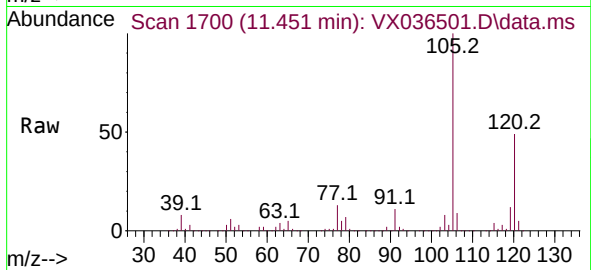




#62
1,3,5-Trimethylbenzene
Concen: 111.128 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

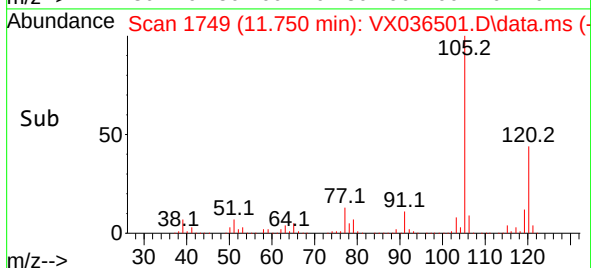
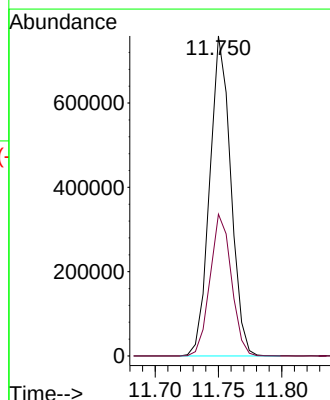
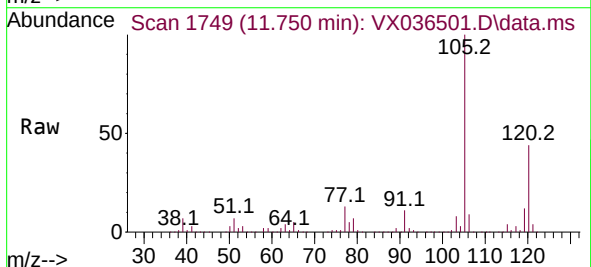
Instrument :
MSVOA_X
ClientSampleId :

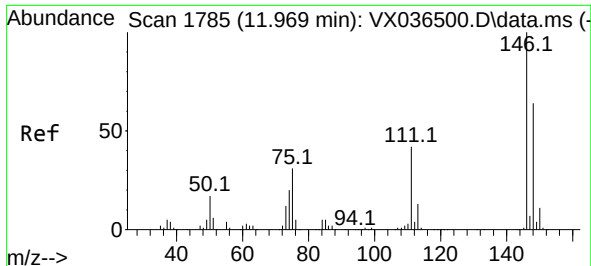
Tgt Ion:105 Resp: 873719
Ion Ratio Lower Upper
105 100
120 48.7 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 111.509 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

Tgt Ion:105 Resp: 879392
Ion Ratio Lower Upper
105 100
120 44.8 36.7 55.1

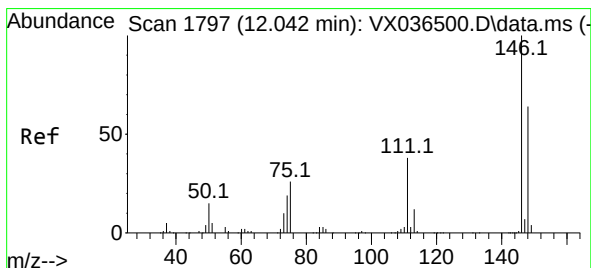
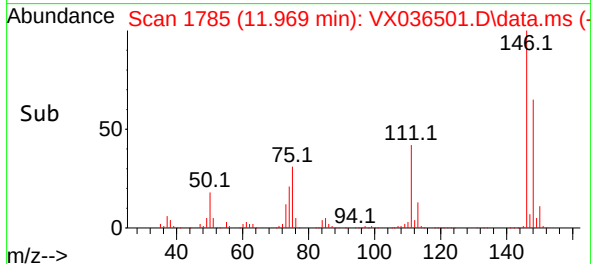
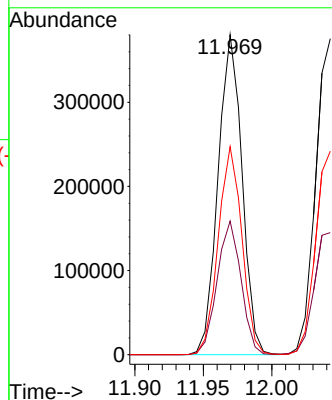
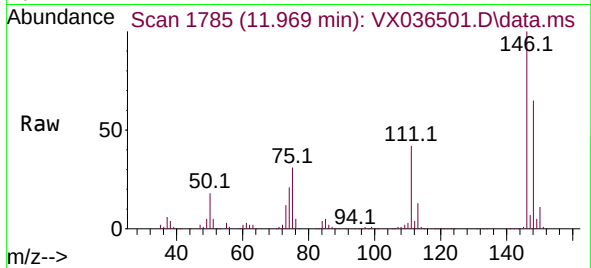




#64
1,3-Dichlorobenzene
Concen: 109.985 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

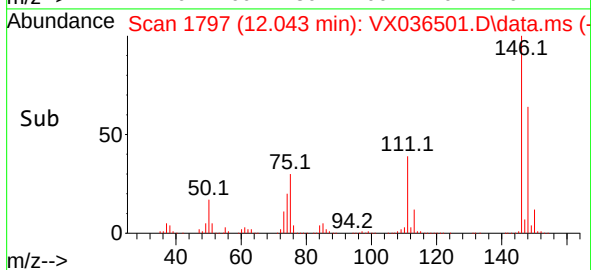
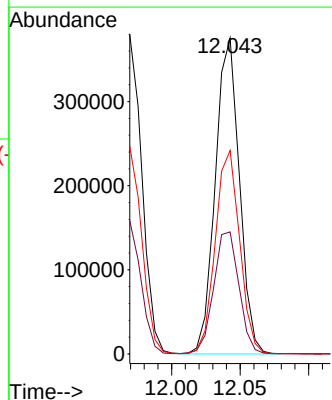
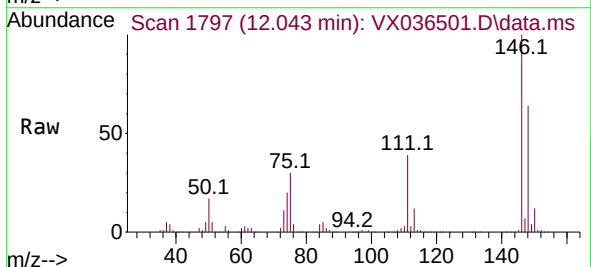
Instrument :
MSVOA_X
ClientSampleId :

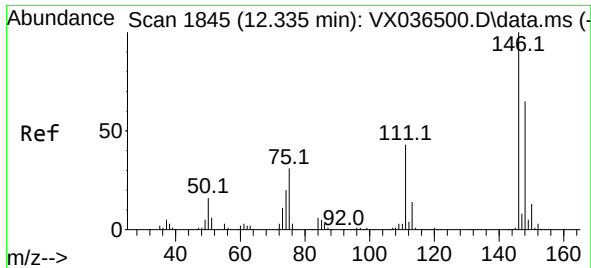
Tgt Ion:146 Resp: 462879
Ion Ratio Lower Upper
146 100
111 41.8 29.5 54.7
148 65.0 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 108.166 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036501.D
Acq: 12 Jul 2023 10:54

Tgt Ion:146 Resp: 459601
Ion Ratio Lower Upper
146 100
111 38.6 27.1 50.3
148 64.4 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 108.547 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036501.D

Acq: 12 Jul 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

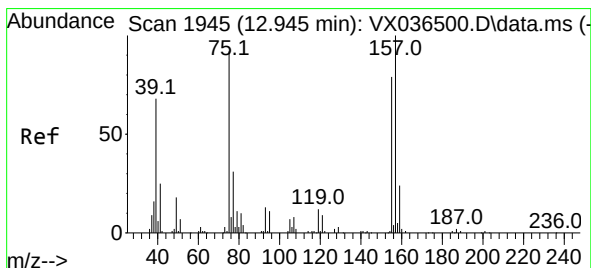
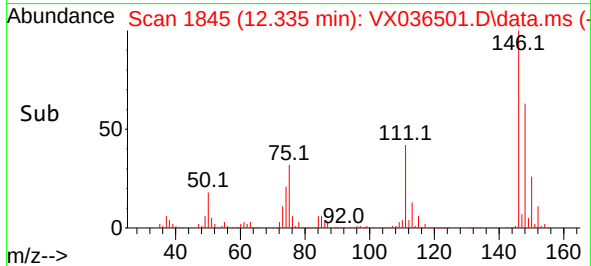
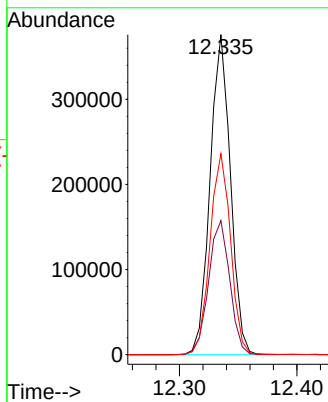
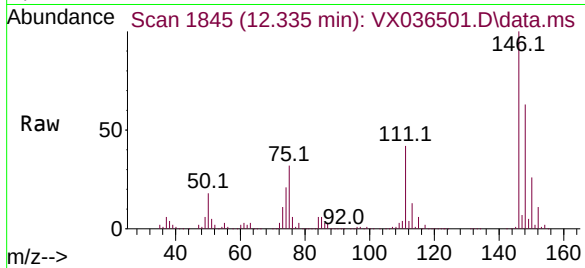
Tgt Ion:146 Resp: 453249

Ion Ratio Lower Upper

146 100

111 41.9 34.4 51.6

148 62.8 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 113.883 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX036501.D

Acq: 12 Jul 2023 10:54

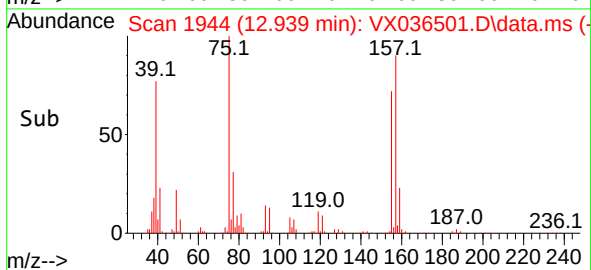
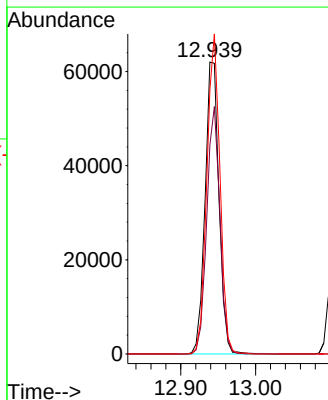
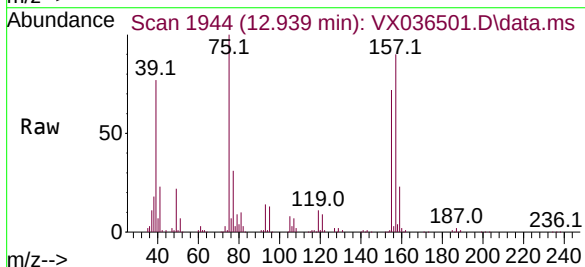
Tgt Ion: 75 Resp: 80170

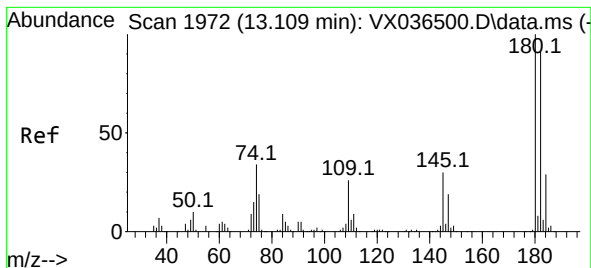
Ion Ratio Lower Upper

75 100

155 71.6 68.4 102.6

157 90.4 86.8 130.2





#69

1,3,5-Trichlorobenzene

Concen: 113.873 ug/L

RT: 13.110 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VX036501.D

Acq: 12 Jul 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 317995

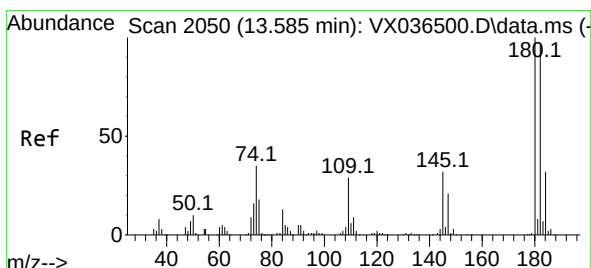
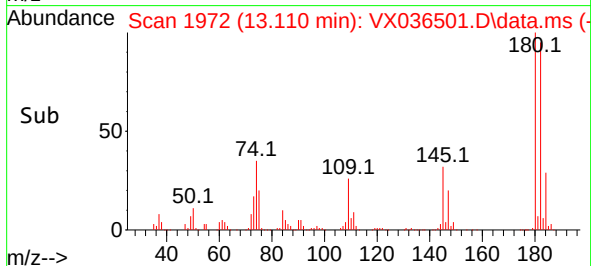
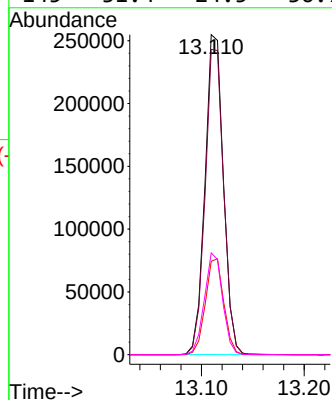
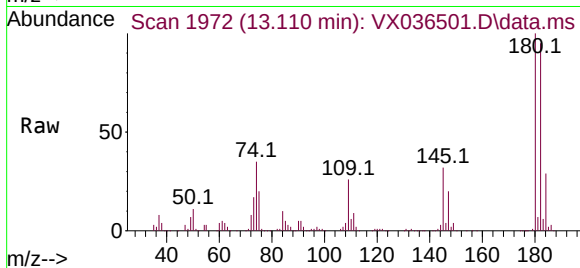
Ion Ratio Lower Upper

180 100

182 96.2 75.2 112.8

184 30.0 23.9 35.9

145 31.4 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 114.401 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036501.D

Acq: 12 Jul 2023 10:54

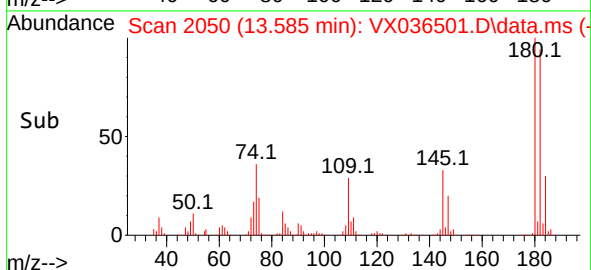
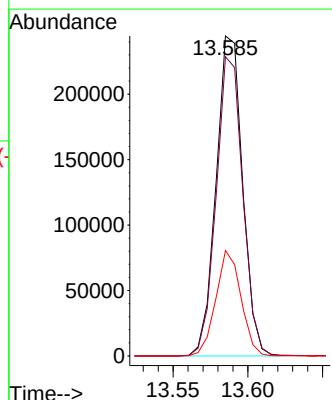
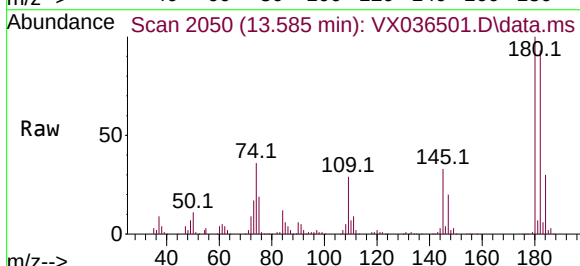
Tgt Ion:180 Resp: 301391

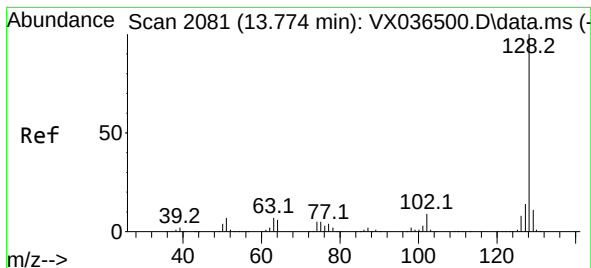
Ion Ratio Lower Upper

180 100

182 93.6 74.7 112.1

145 31.3 25.3 37.9





#71

Naphthalene

Concen: 112.459 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036501.D

Acq: 12 Jul 2023 10:54

Instrument :

MSVOA_X

ClientSampleId :

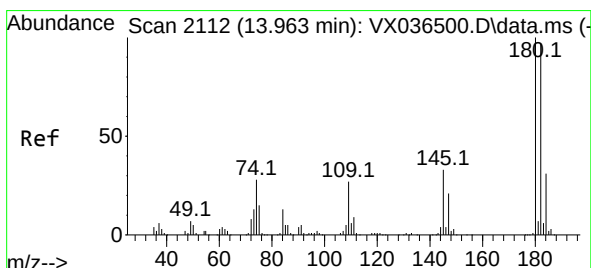
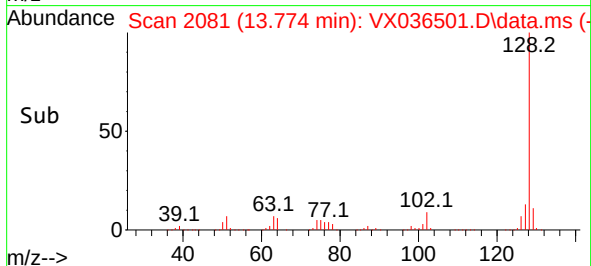
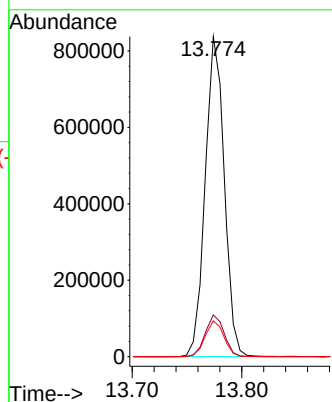
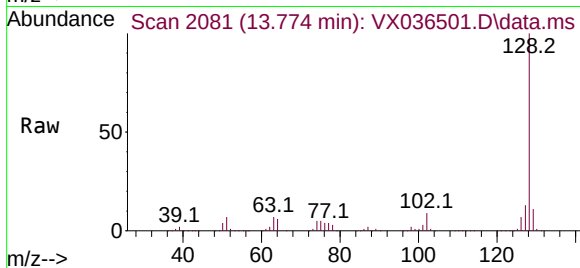
Tgt Ion:128 Resp: 1010869

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 114.464 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX036501.D

Acq: 12 Jul 2023 10:54

Tgt Ion:180 Resp: 293814

Ion Ratio Lower Upper

180 100

182 95.3 78.6 117.8

145 33.3 27.5 41.3

