

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071223\
 Data File : VX036498.D
 Acq On : 12 Jul 2023 09:43
 Operator : JC/MD
 Sample : VSTD005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 13 01:03:17 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	6.757	114	361735	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	330461	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	157630	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	12262	4.752	ug/L	0.00
7) Chloroethane-d5	1.666	69	13550	4.780	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	65	5338	4.849	ug/L	0.00
21) 2-Butanone-d5	4.459	46	15003	8.326	ug/L	0.00
24) Chloroform-d	5.056	84	20864	4.453	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	15817	4.942	ug/L	0.00
32) Benzene-d6	5.971	84	42877	4.583	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	13129	4.427	ug/L	0.00
41) Toluene-d8	8.647	98	43706	4.894	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	5801	4.109	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	10753	8.244	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	16963	4.348	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	13793	4.606	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	12465	4.940	ug/L	99
3) Chloromethane	1.295	50	12967	4.347	ug/L	94
5) Vinyl chloride	1.374	62	14444	4.668	ug/L	97
6) Bromomethane	1.612	94	11683	3.996	ug/L	95
8) Chloroethane	1.685	64	9131	4.030	ug/L	92
9) Trichlorofluoromethane	1.886	101	23086	4.715	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	11020	4.752	ug/L	96
12) 1,1-Dichloroethene	2.319	96	10254	4.522	ug/L	91
13) Acetone	2.386	43	13177	9.642	ug/L	100
14) Carbon disulfide	2.514	76	26405	4.342	ug/L	97
15) Methyl Acetate	2.703	43	11280	4.151	ug/L	97
16) Methylene chloride	2.794	84	10686	4.271	ug/L	83
17) trans-1,2-Dichloroethene	3.093	96	9330	4.085	ug/L	77
18) Methyl tert-butyl Ether	3.111	73	32180	4.052	ug/L	99
19) 1,1-Dichloroethane	3.605	63	18828	4.213	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	11270	4.222	ug/L	96
22) 2-Butanone	4.562	43	16200	8.151	ug/L	99
23) Bromochloromethane	4.898	128	5295	3.968	ug/L	84
25) Chloroform	5.087	83	20009	4.263	ug/L	99
27) 1,2-Dichloroethane	6.080	62	15271	4.114	ug/L #	94
29) Cyclohexane	5.471	56	17358	4.750	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	16265	4.235	ug/L #	75
31) Carbon tetrachloride	5.678	117	13882	4.313	ug/L	96
33) Benzene	6.038	78	41552	4.306	ug/L	100
34) Trichloroethene	7.123	95	11702	4.446	ug/L	98
35) Methylcyclohexane	7.379	83	19158	4.998	ug/L	97
37) 1,2-Dichloropropane	7.428	63	11153	4.204	ug/L #	94
38) Bromodichloromethane	7.818	83	12900	3.900	ug/L	90
39) cis-1,3-Dichloropropene	8.360	75	16256	3.889	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	29088	7.867	ug/L	99
42) Toluene	8.714	91	44404	4.325	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	14464	3.758	ug/L	98

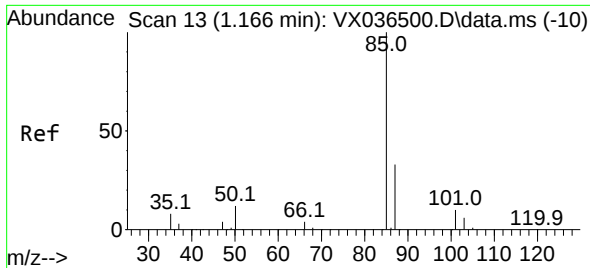
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071223\
 Data File : VX036498.D
 Acq On : 12 Jul 2023 09:43
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 MSVOA_X
 ClientSampleId :

Quant Time: Jul 13 01:03:17 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)
45) 1,1,2-Trichloroethane	9.153	97	10174	4.035	ug/L	93
46) Tetrachloroethene	9.275	164	8403	4.494	ug/L	97
48) 2-Hexanone	9.427	43	23619	8.174	ug/L	99
49) Dibromochloromethane	9.519	129	9294	3.672	ug/L	99
50) 1,2-Dibromoethane	9.610	107	11166	4.131	ug/L	100
51) Chlorobenzene	10.080	112	29285	4.388	ug/L	95
52) Ethylbenzene	10.195	91	48839	4.323	ug/L	97
53) m,p-Xylene	10.299	106	18074	4.193	ug/L	100
54) o-Xylene	10.640	106	17526	4.099	ug/L	96
55) Styrene	10.653	104	29012	4.071	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	15435	3.941	ug/L #	96
59) Bromoform	10.799	173	6665	3.868	ug/L	94
60) Isopropylbenzene	10.964	105	47372	4.471	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	12293	4.131	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	38872	4.389	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	37518	4.223	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	20315	4.285	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	21129	4.415	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	20026	4.258	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.939	75	3034	3.826	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.109	180	13630	4.333	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	12811	4.317	ug/L	97
71) Naphthalene	13.774	128	39563	3.907	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	12161	4.206	ug/L	97

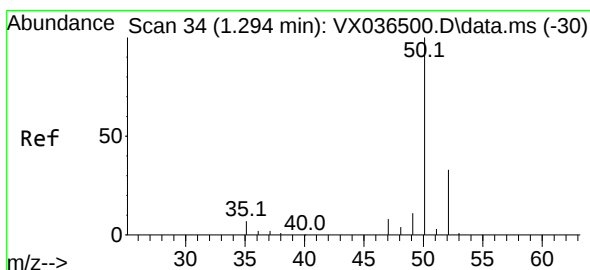
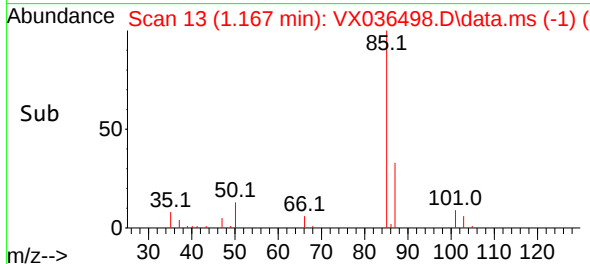
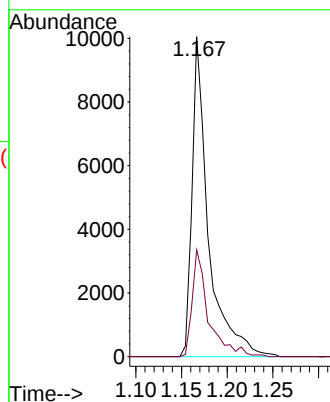
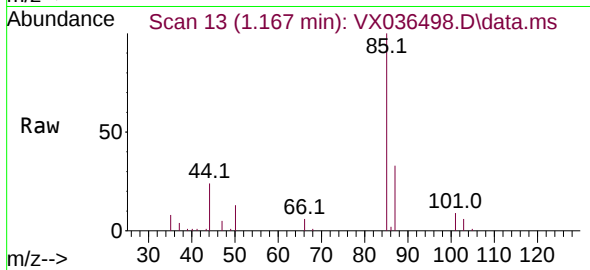
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.940 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036498.D
 Acq: 12 Jul 2023 09:43

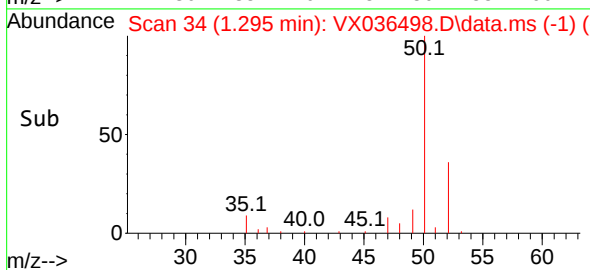
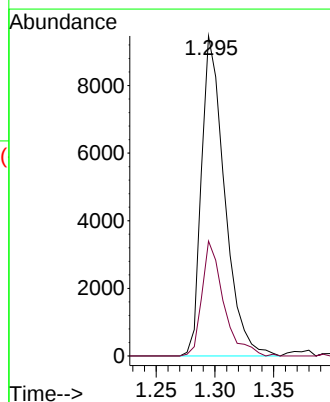
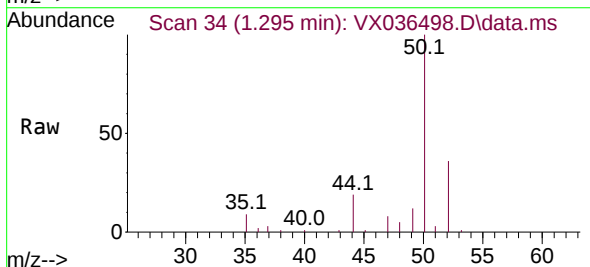
Instrument :
 MSVOA_X
 ClientSampleId :

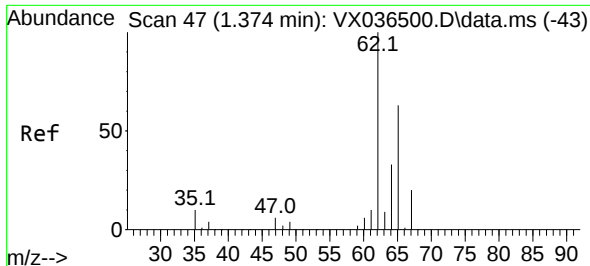
Tgt Ion: 85 Resp: 12465
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.3 39.5



#3
 Chloromethane
 Concen: 4.347 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX036498.D
 Acq: 12 Jul 2023 09:43

Tgt Ion: 50 Resp: 12967
 Ion Ratio Lower Upper
 50 100
 52 35.9 22.8 42.4

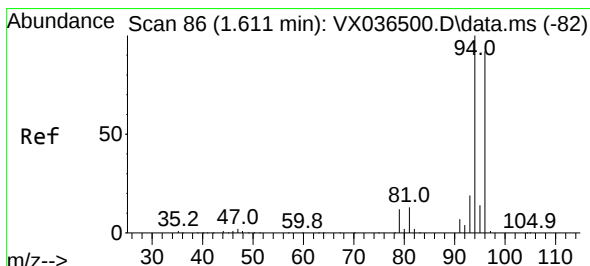
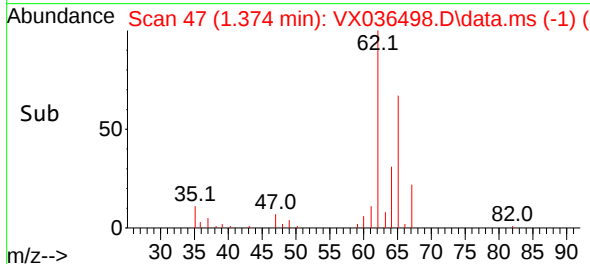
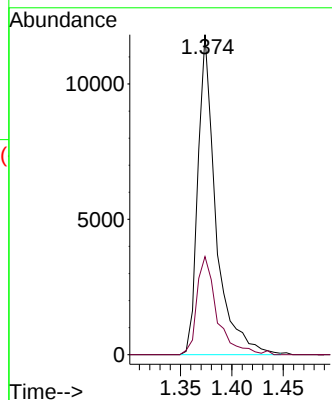
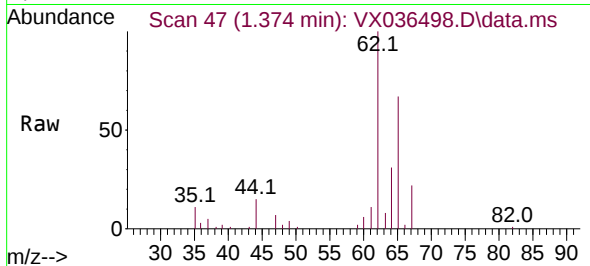




#5
 Vinyl chloride
 Concen: 4.668 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX036498.D
 Acq: 12 Jul 2023 09:43

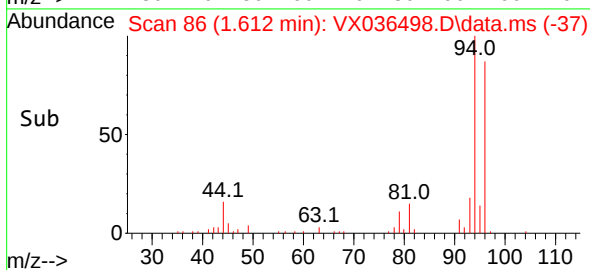
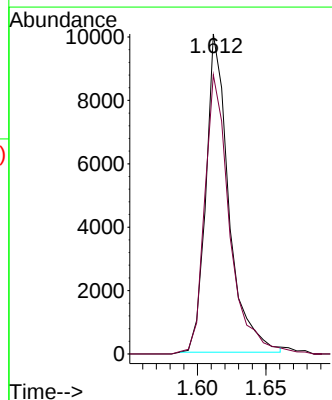
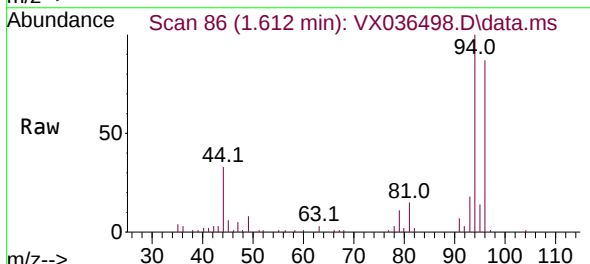
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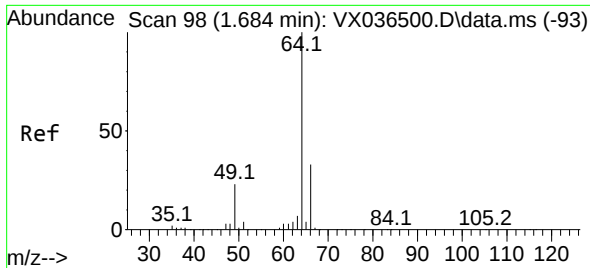
Tgt Ion: 62 Resp: 14444
 Ion Ratio Lower Upper
 62 100
 64 30.6 22.8 42.4



#6
 Bromomethane
 Concen: 3.996 ug/L
 RT: 1.612 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX036498.D
 Acq: 12 Jul 2023 09:43

Tgt Ion: 94 Resp: 11683
 Ion Ratio Lower Upper
 94 100
 96 87.2 64.5 119.7

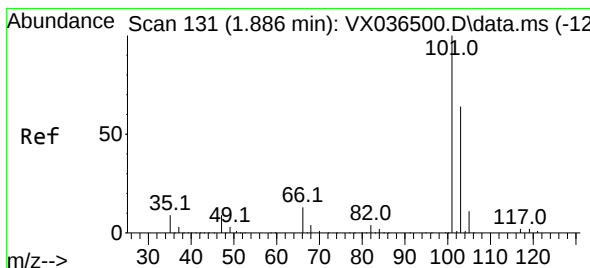
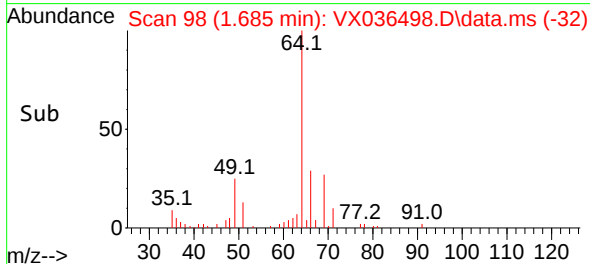
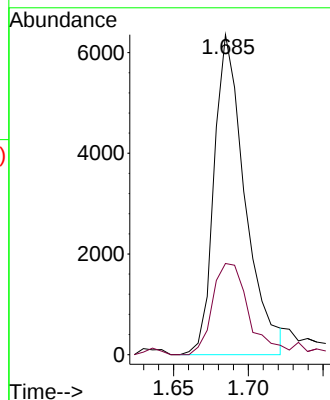
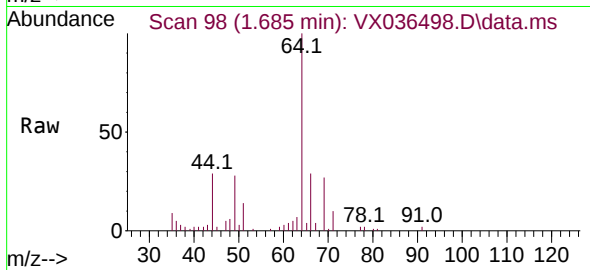




#8
Chloroethane
Concen: 4.030 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

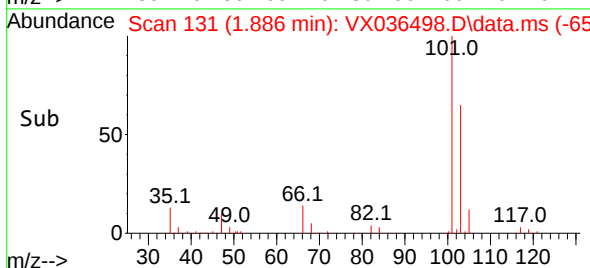
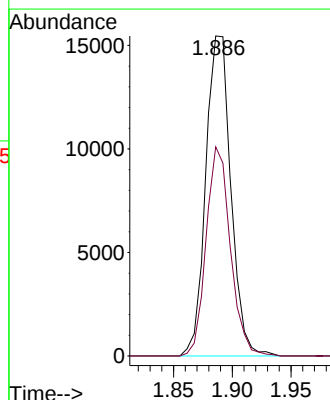
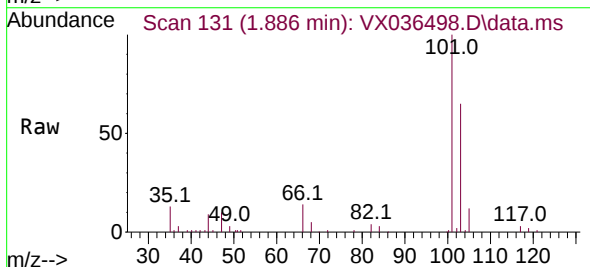
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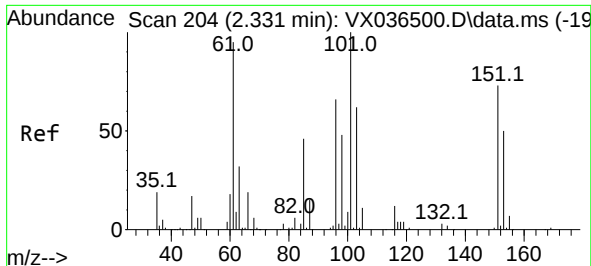
Tgt Ion: 64 Resp: 9131
Ion Ratio Lower Upper
64 100
66 28.5 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.715 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

Tgt Ion: 101 Resp: 23086
Ion Ratio Lower Upper
101 100
103 62.9 51.7 77.5

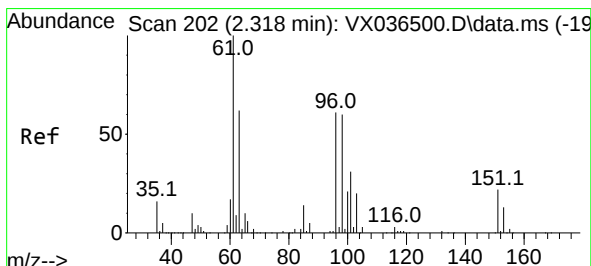
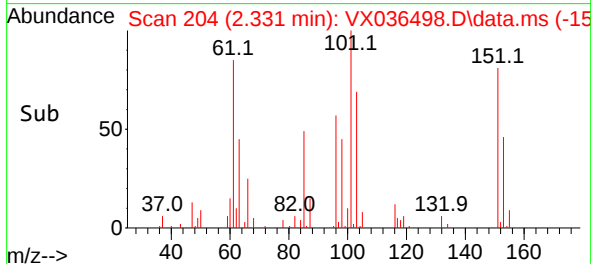
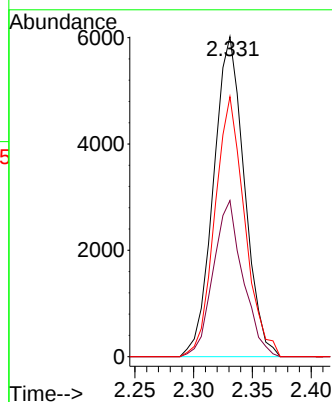
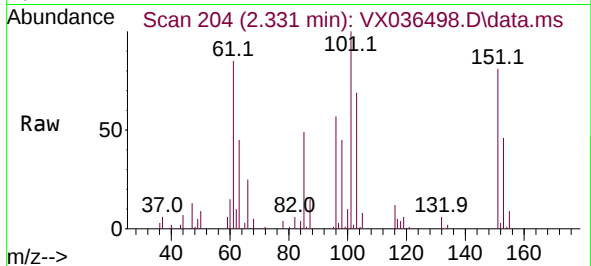




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.752 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX036498.D
 Acq: 12 Jul 2023 09:43

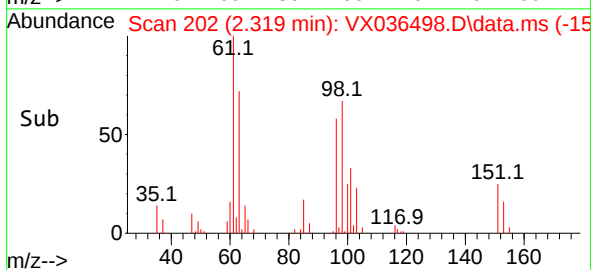
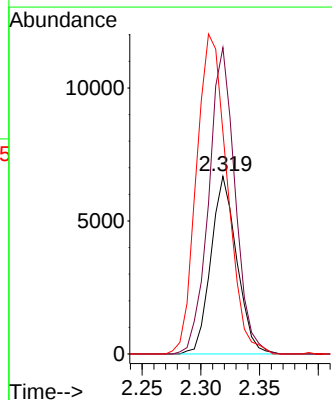
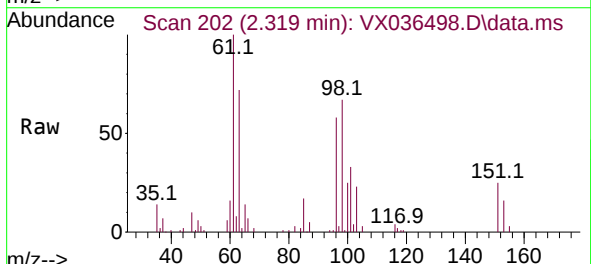
Instrument :
 MSVOA_X
 ClientSampleId :

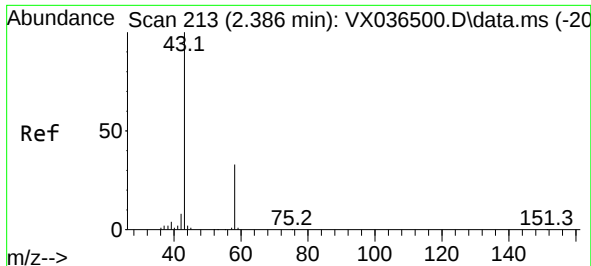
Tgt Ion:101 Resp: 11020
 Ion Ratio Lower Upper
 101 100
 85 46.8 35.8 53.8
 151 78.5 59.8 89.6



#12
 1,1-Dichloroethene
 Concen: 4.522 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX036498.D
 Acq: 12 Jul 2023 09:43

Tgt Ion: 96 Resp: 10254
 Ion Ratio Lower Upper
 96 100
 61 172.5 115.3 214.1
 63 124.9 76.3 141.7





#13

Acetone

Concen: 9.642 ug/L

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX036498.D

Acq: 12 Jul 2023 09:43

Instrument :

MSVOA_X

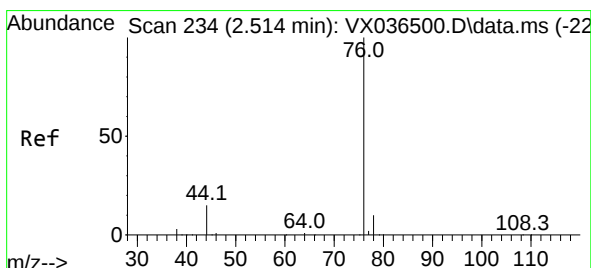
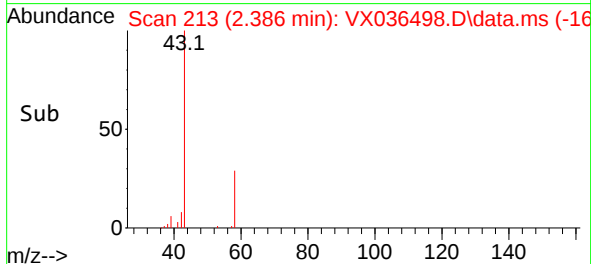
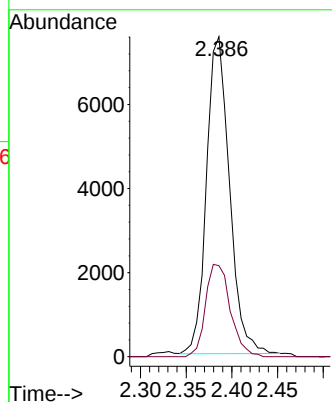
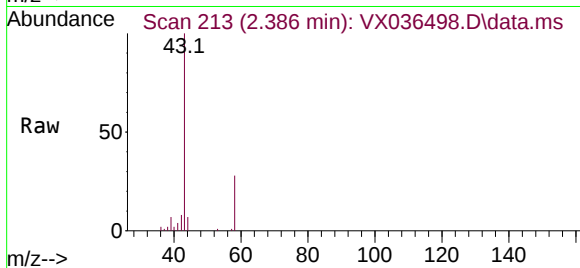
ClientSampleId :

Tgt Ion: 43 Resp: 13177

Ion Ratio Lower Upper

43 100

58 31.4 0.0 62.6



#14

Carbon disulfide

Concen: 4.342 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX036498.D

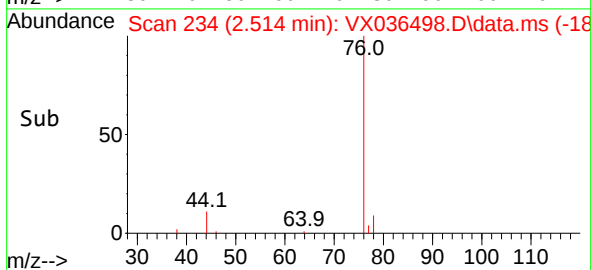
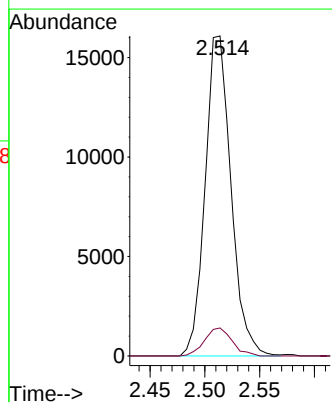
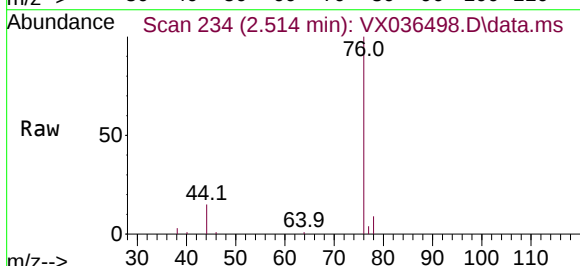
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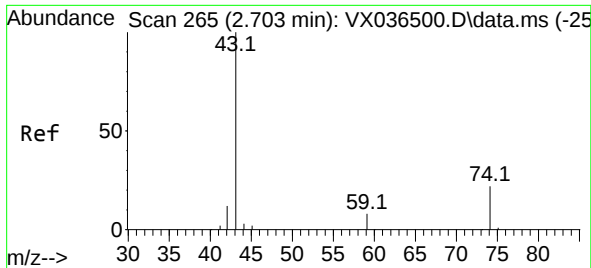
Tgt Ion: 76 Resp: 26405

Ion Ratio Lower Upper

76 100

78 8.8 7.8 11.6

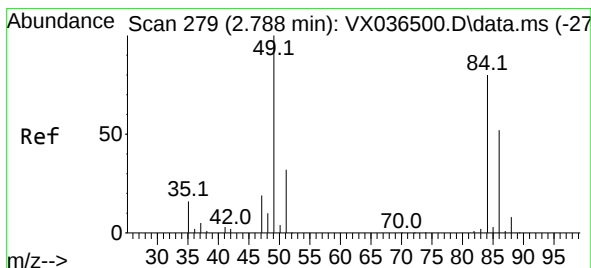
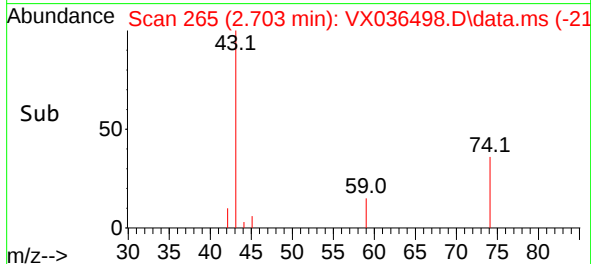
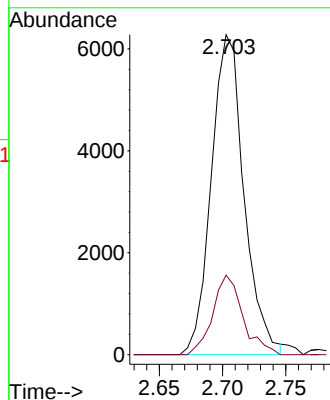
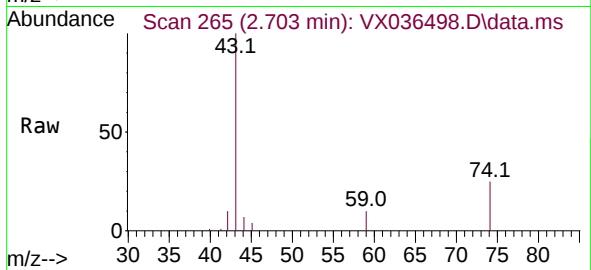




#15
Methyl Acetate
Concen: 4.151 ug/L
RT: 2.703 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

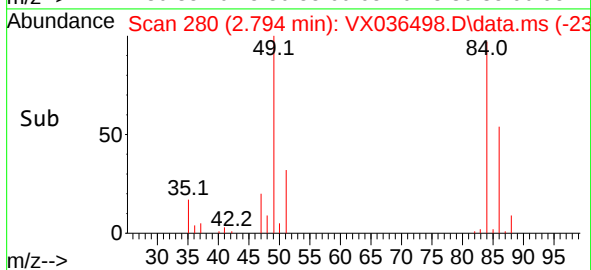
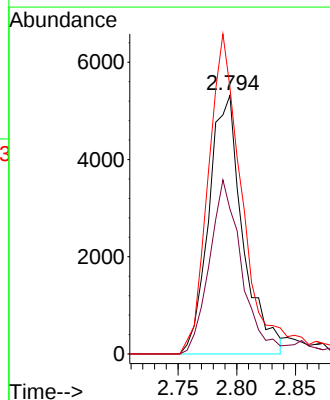
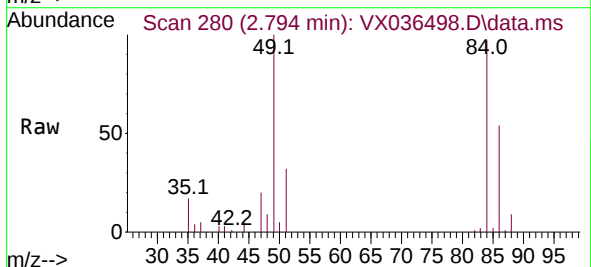
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ClientSampleId :

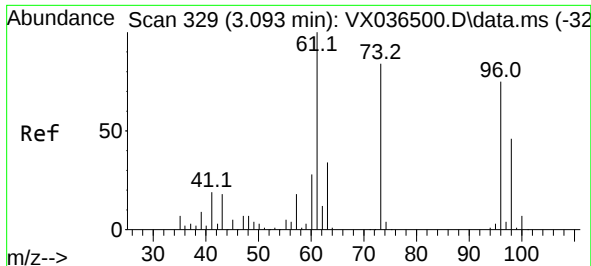
Tgt Ion: 43 Resp: 11280
Ion Ratio Lower Upper
43 100
74 22.9 19.4 29.0



#16
Methylene chloride
Concen: 4.271 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

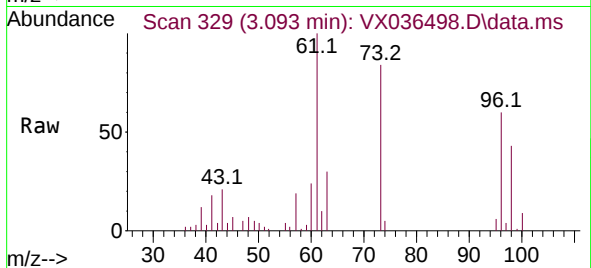
Tgt Ion: 84 Resp: 10686
Ion Ratio Lower Upper
84 100
86 56.0 45.9 85.3
49 103.0 87.6 162.8





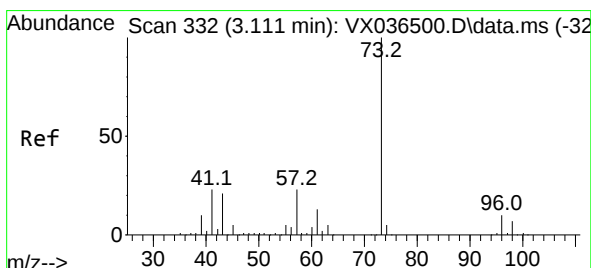
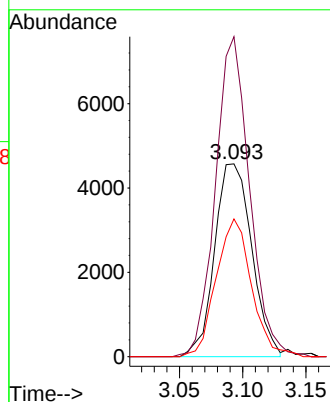
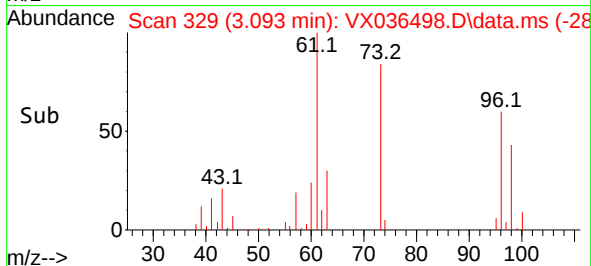
#17
 trans-1,2-Dichloroethene
 Concen: 4.085 ug/L
 RT: 3.093 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VX036498.D
 Acq: 12 Jul 2023 09:43

Instrument :
 MSVOA_X
 ClientSampleId :

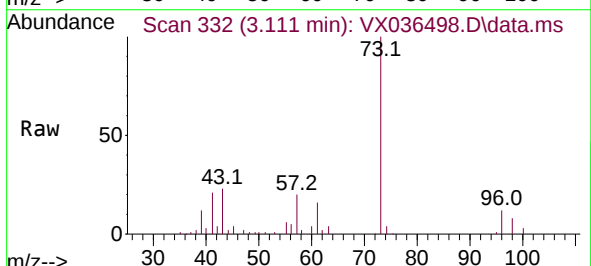


Tgt Ion: 96 Resp: 9330

Ion	Ratio	Lower	Upper
96	100		
61	166.0	93.7	174.1
98	71.4	42.9	79.7

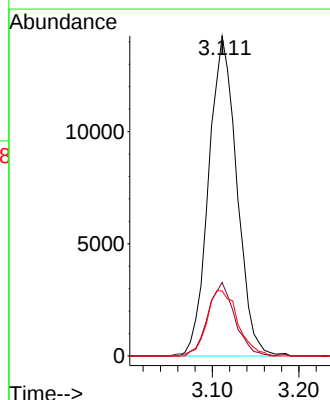
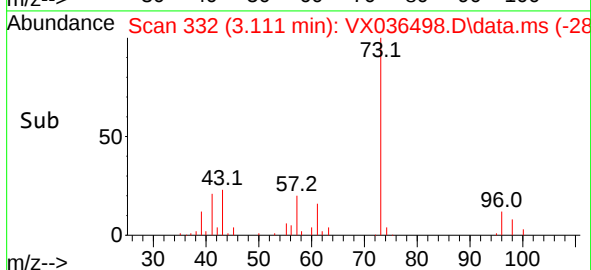


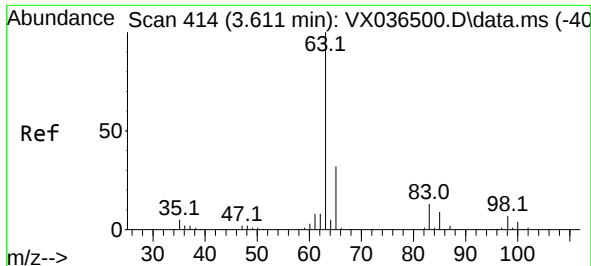
#18
 Methyl tert-butyl Ether
 Concen: 4.052 ug/L
 RT: 3.111 min Scan# 332
 Delta R.T. 0.000 min
 Lab File: VX036498.D
 Acq: 12 Jul 2023 09:43



Tgt Ion: 73 Resp: 32180

Ion	Ratio	Lower	Upper
73	100		
43	22.0	17.0	25.6
57	22.3	17.4	26.0

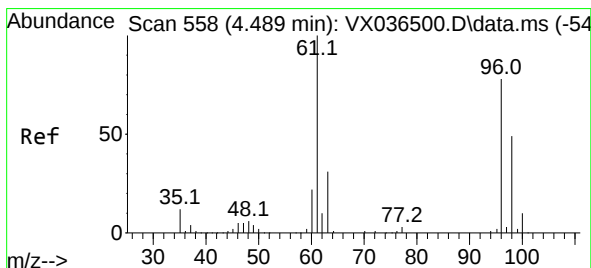
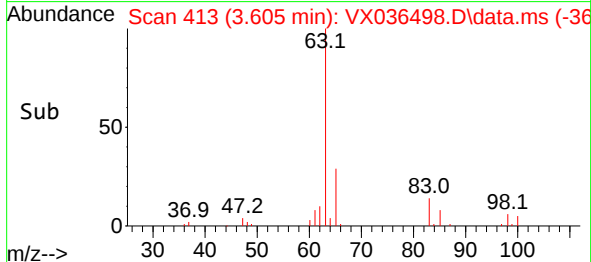
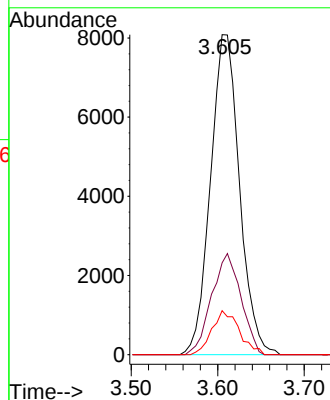
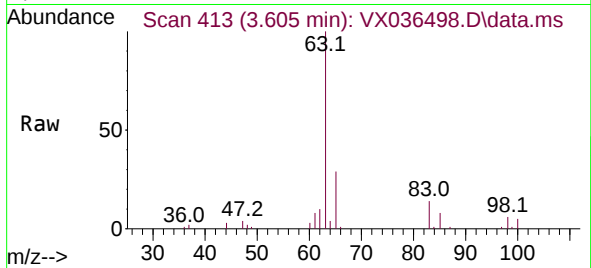




#19
1,1-Dichloroethane
Concen: 4.213 ug/L
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

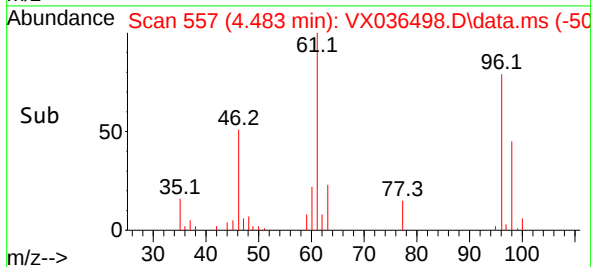
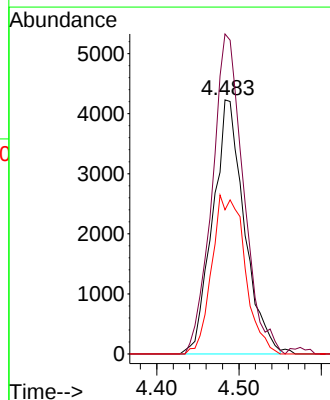
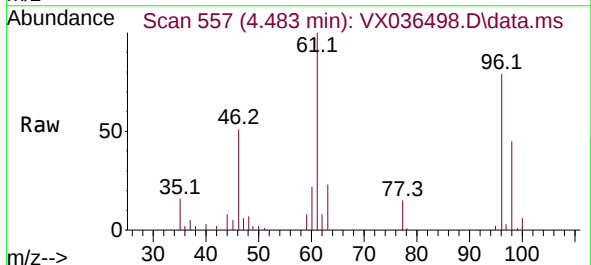
Instrument :
MSVOA_X
ClientSampleId :

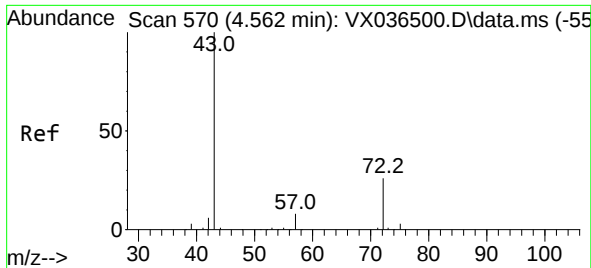
Tgt Ion: 63 Resp: 18828
Ion Ratio Lower Upper
63 100
65 28.7 22.3 41.3
83 13.8 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 4.222 ug/L
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

Tgt Ion: 96 Resp: 11270
Ion Ratio Lower Upper
96 100
61 126.0 90.1 167.3
98 56.8 44.1 81.9

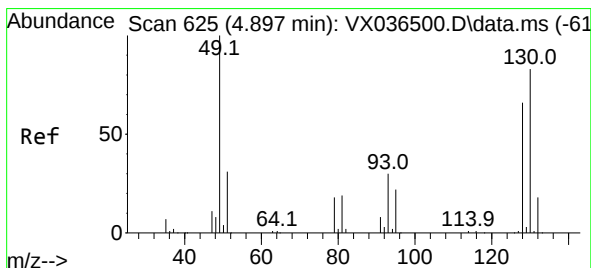
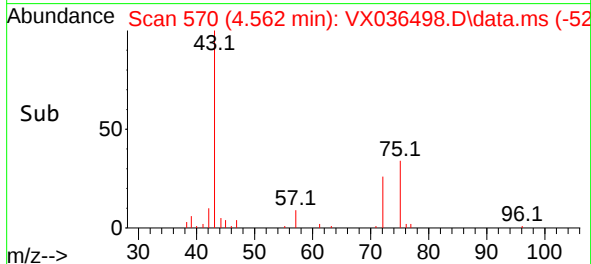
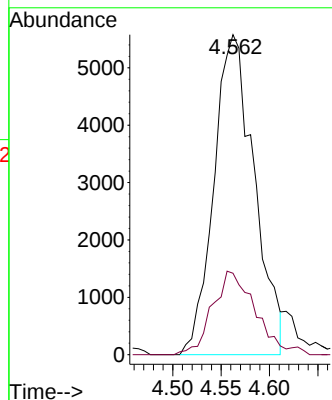
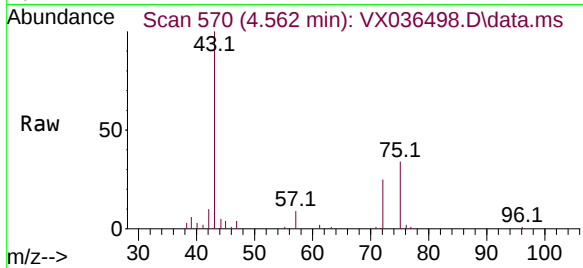




#22
2-Butanone
Concen: 8.151 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

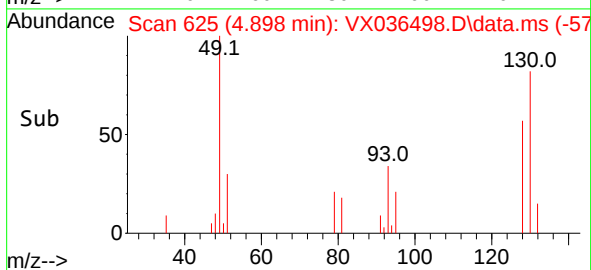
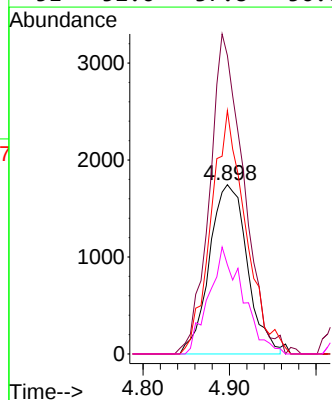
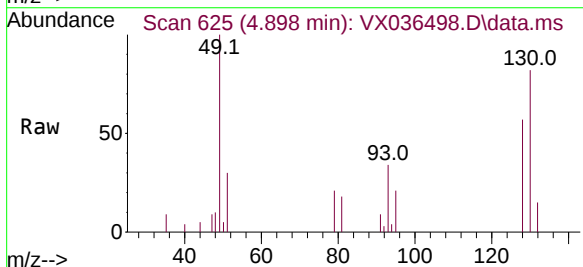
Instrument :
MSVOA_X
ClientSampleId :

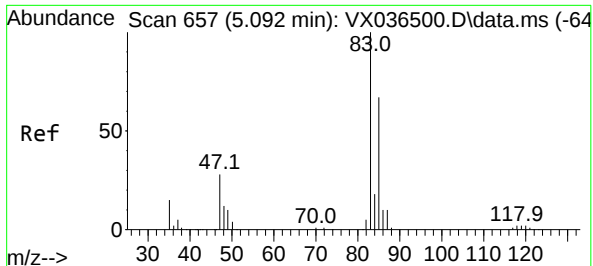
Tgt Ion: 43 Resp: 16200
Ion Ratio Lower Upper
43 100
72 27.0 13.8 41.3



#23
Bromochloromethane
Concen: 3.968 ug/L
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

Tgt Ion:128 Resp: 5295
Ion Ratio Lower Upper
128 100
49 176.3 105.8 196.4
130 143.7 88.1 163.7
51 52.6 37.8 56.6





#25

Chloroform

Concen: 4.263 ug/L

RT: 5.087 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX036498.D

Acq: 12 Jul 2023 09:43

Instrument :

MSVOA_X

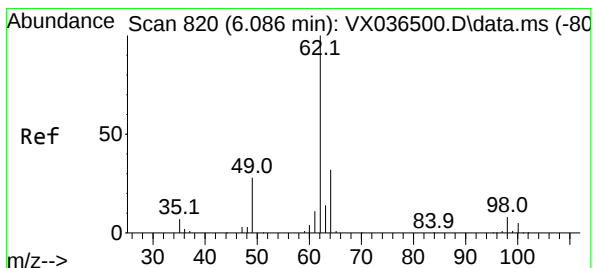
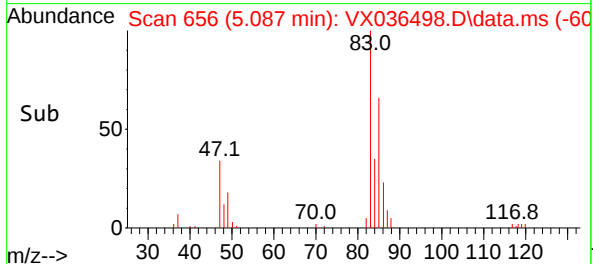
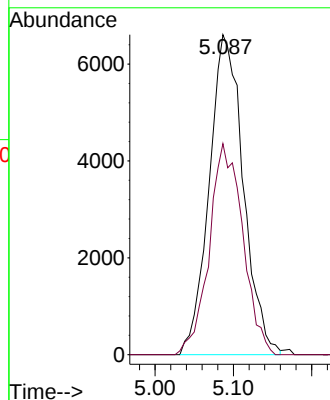
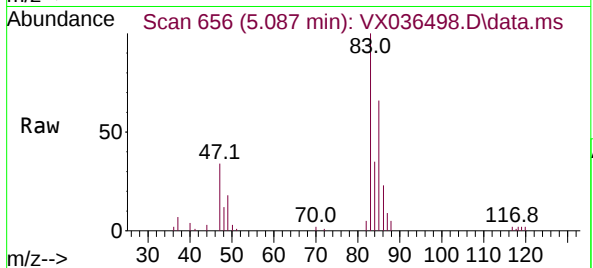
ClientSampleId :

Tgt Ion: 83 Resp: 20009

Ion Ratio Lower Upper

83 100

85 65.9 46.8 87.0



#27

1,2-Dichloroethane

Concen: 4.114 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.006 min

Lab File: VX036498.D

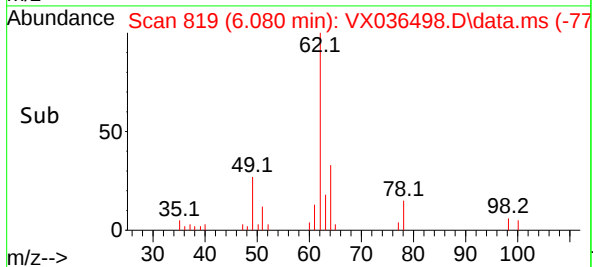
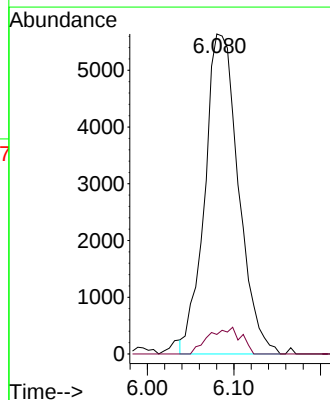
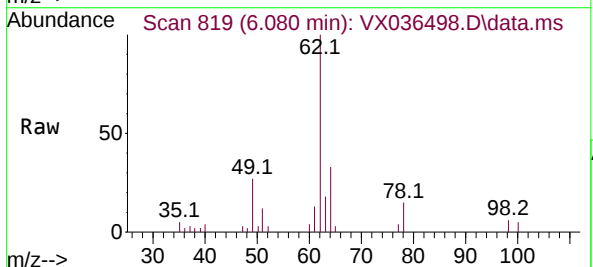
Acq: 12 Jul 2023 09:43

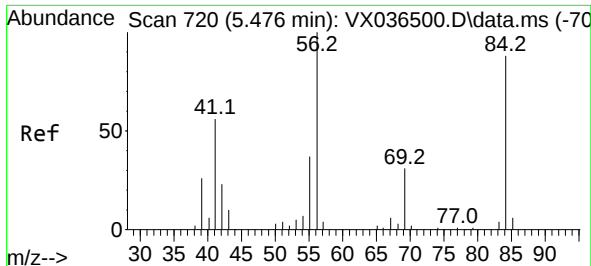
Tgt Ion: 62 Resp: 15271

Ion Ratio Lower Upper

62 100

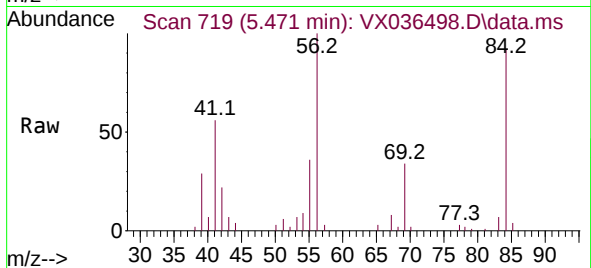
98 6.1 6.5 9.7#



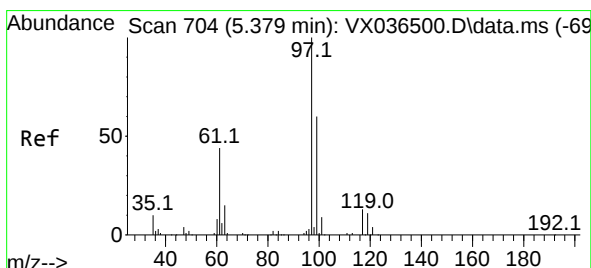
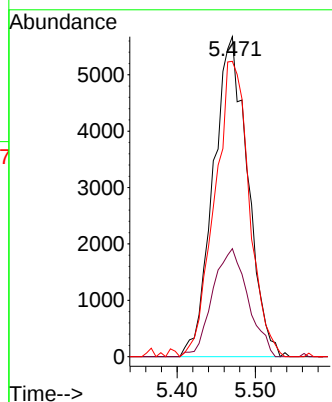
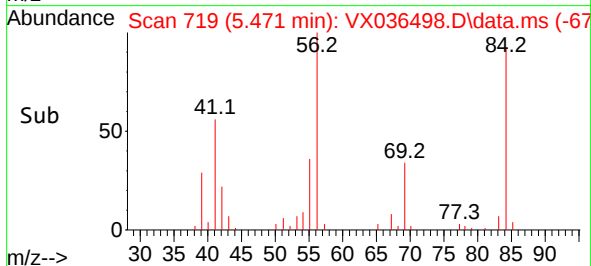


#29
Cyclohexane
Concen: 4.750 ug/L
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

Instrument :
MSVOA_X
ClientSampleId :

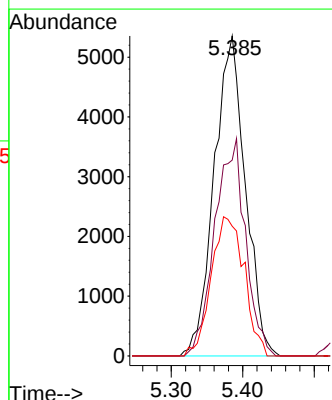
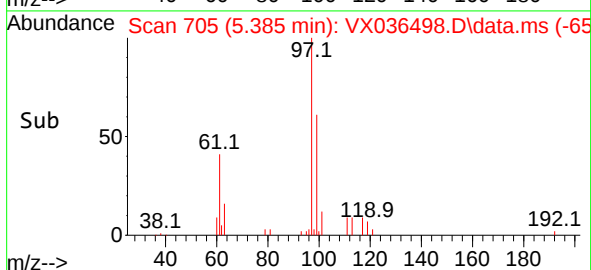
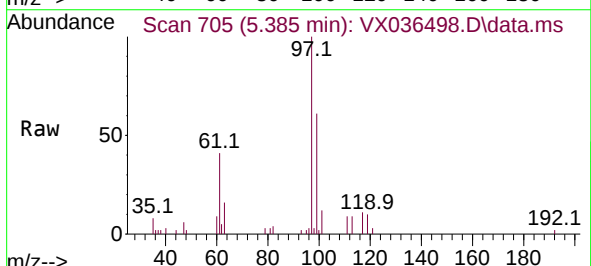


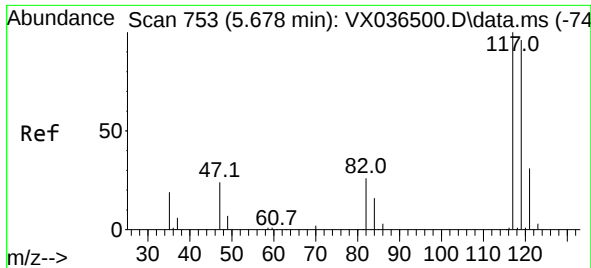
Tgt Ion:	56	Resp:	17358
Ion	Ratio	Lower	Upper
56	100		
69	34.4	25.3	37.9
84	92.2	73.0	109.4



#30
1,1,1-Trichloroethane
Concen: 4.235 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

Tgt Ion:	97	Resp:	16265
Ion	Ratio	Lower	Upper
97	100		
99	33.1	50.6	76.0#
61	45.9	34.7	52.1

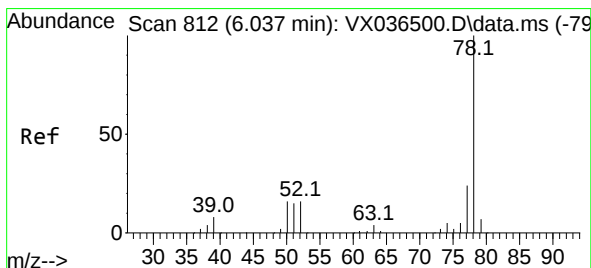
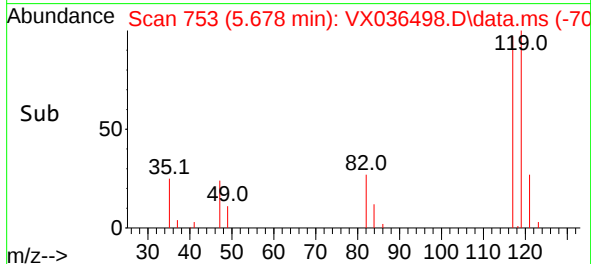
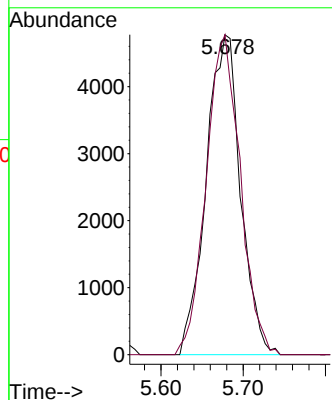
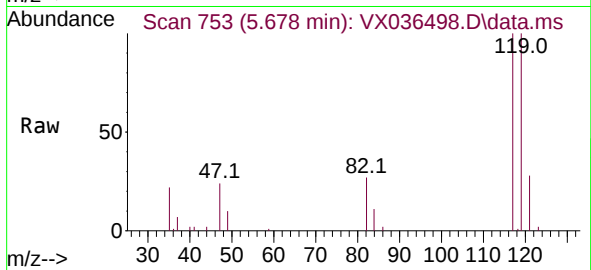




#31
Carbon tetrachloride
Concen: 4.313 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

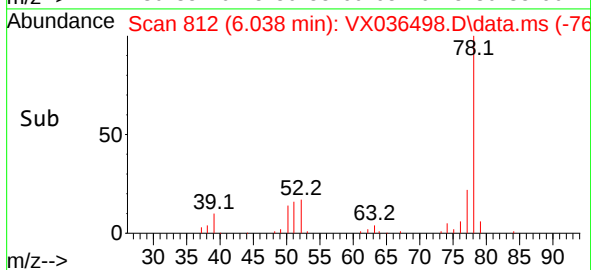
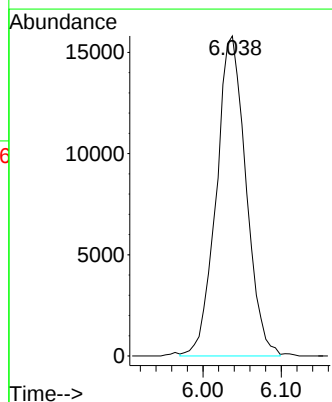
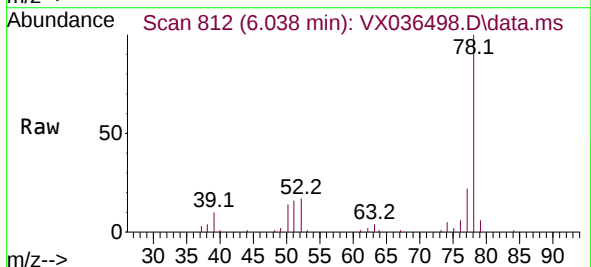
Instrument :
MSVOA_X
ClientSampleId :

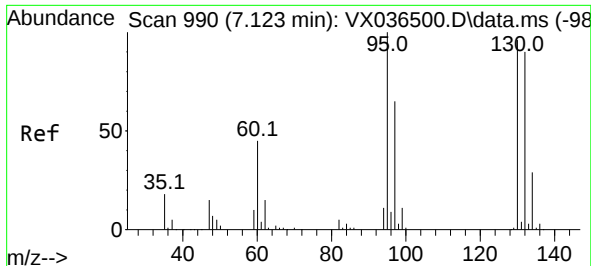
Tgt Ion:117 Resp: 13882
Ion Ratio Lower Upper
117 100
119 99.2 76.6 114.8



#33
Benzene
Concen: 4.306 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

Tgt Ion: 78 Resp: 41552



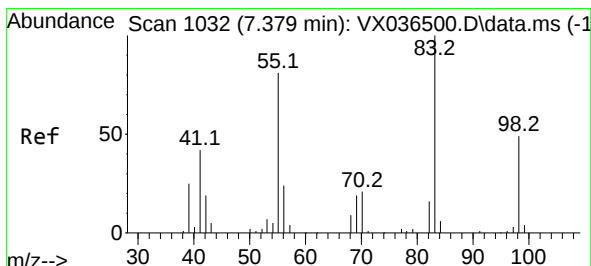
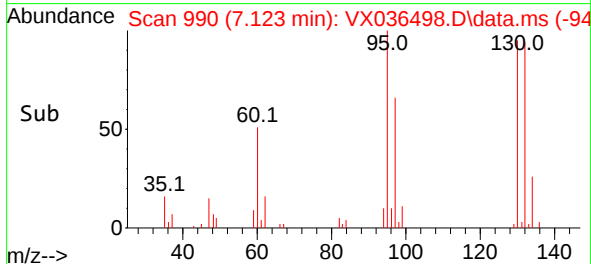
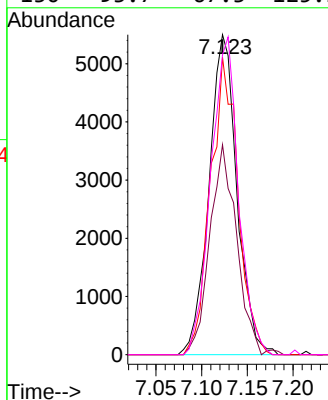
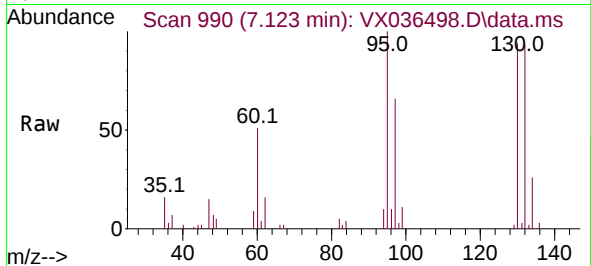


#34
Trichloroethene
Concen: 4.446 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 11702

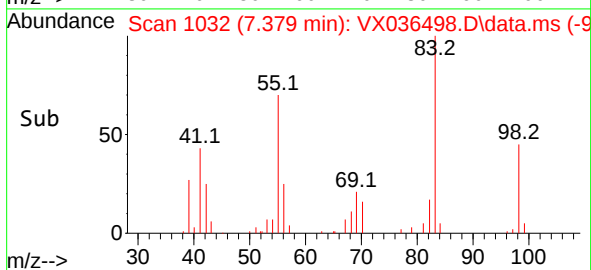
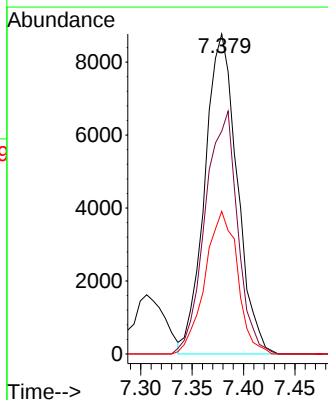
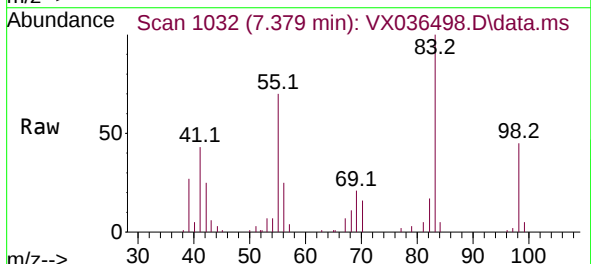
Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.3	84.1
132	92.9	63.0	117.0
130	93.7	67.3	125.1

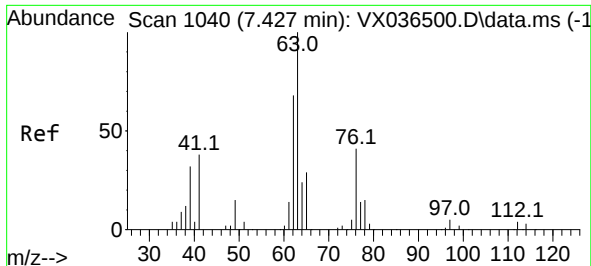


#35
Methylcyclohexane
Concen: 4.998 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

Tgt Ion: 83 Resp: 19158

Ion	Ratio	Lower	Upper
83	100		
55	75.8	59.0	88.4
98	44.7	37.5	56.3





#37

1,2-Dichloropropane

Concen: 4.204 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX036498.D

Acq: 12 Jul 2023 09:43

Instrument :

MSVOA_X

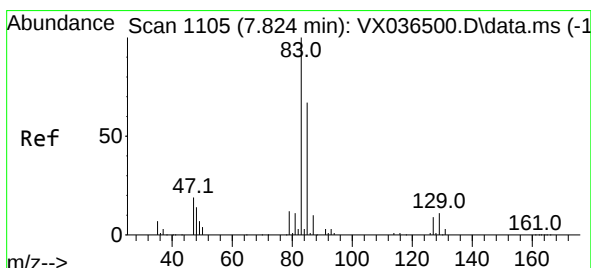
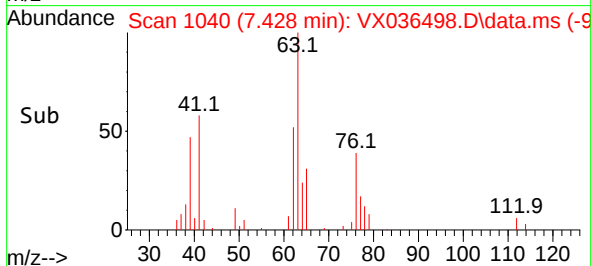
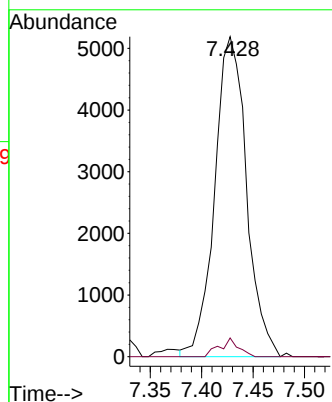
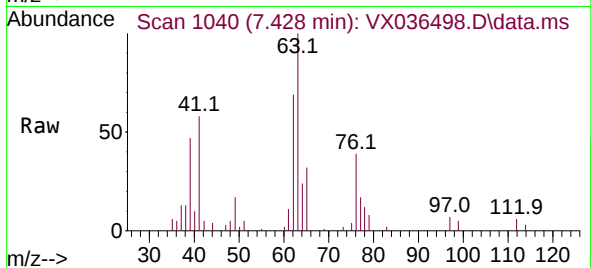
ClientSampleId :

Tgt Ion: 63 Resp: 11153

Ion Ratio Lower Upper

63 100

112 2.1 3.1 4.7#



#38

Bromodichloromethane

Concen: 3.900 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX036498.D

Acq: 12 Jul 2023 09:43

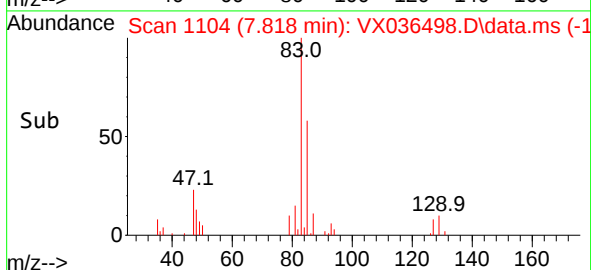
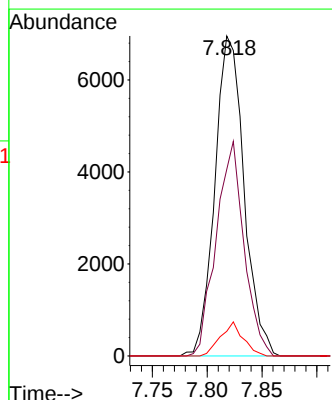
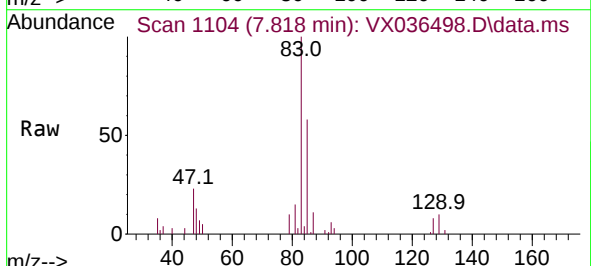
Tgt Ion: 83 Resp: 12900

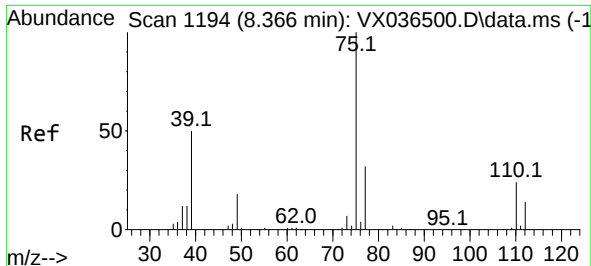
Ion Ratio Lower Upper

83 100

85 58.3 46.9 87.1

127 7.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 3.889 ug/L

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX036498.D

Acq: 12 Jul 2023 09:43

Instrument :

MSVOA_X

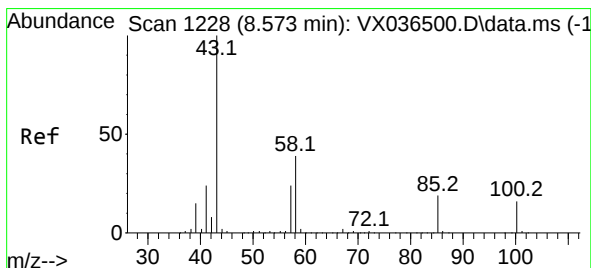
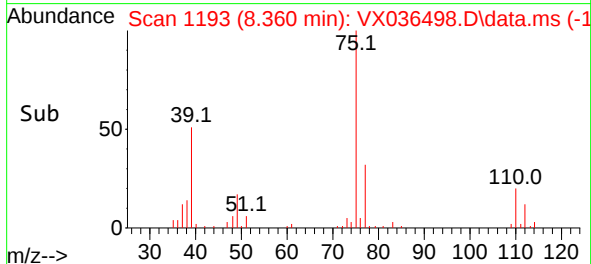
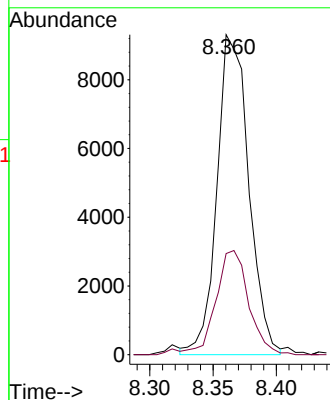
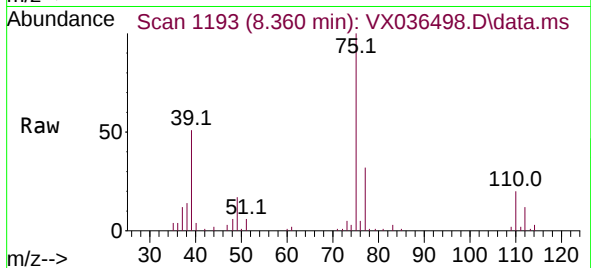
ClientSampleId :

Tgt Ion: 75 Resp: 16256

Ion Ratio Lower Upper

75 100

77 31.6 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 7.867 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX036498.D

Acq: 12 Jul 2023 09:43

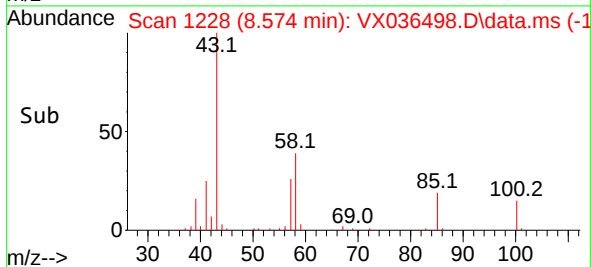
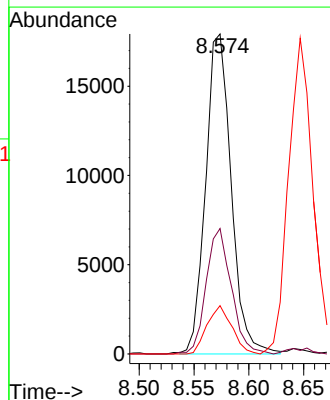
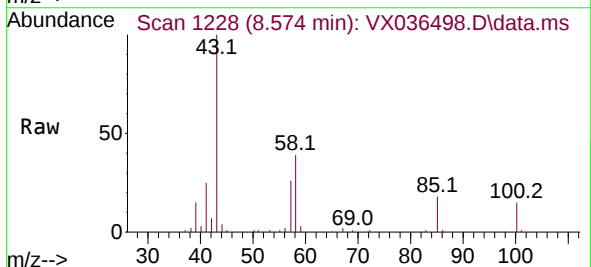
Tgt Ion: 43 Resp: 29088

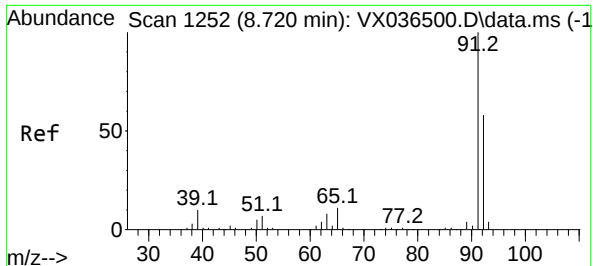
Ion Ratio Lower Upper

43 100

58 38.5 31.4 47.0

100 14.7 12.3 18.5





#42

Toluene

Concen: 4.325 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX036498.D

Acq: 12 Jul 2023 09:43

Instrument :

MSVOA_X

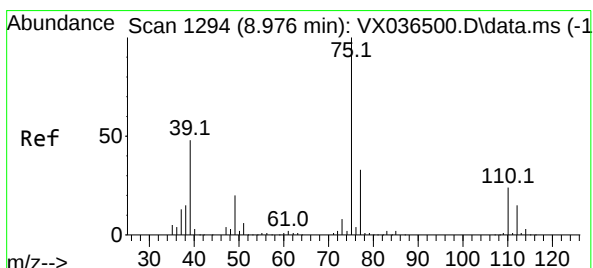
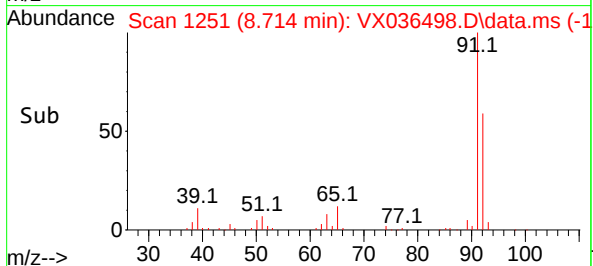
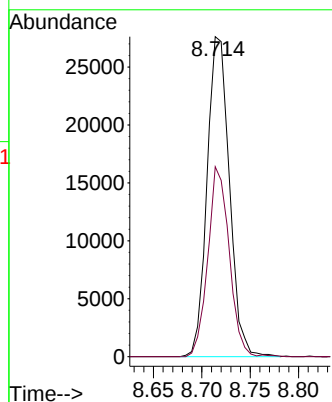
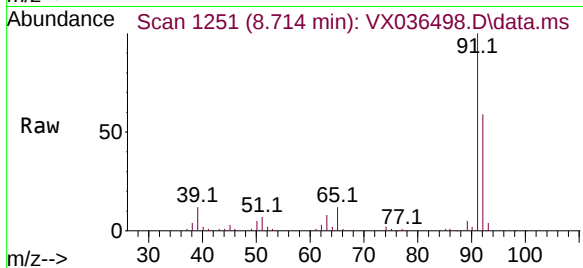
ClientSampleId :

Tgt Ion: 91 Resp: 44404

Ion Ratio Lower Upper

91 100

92 59.4 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 3.758 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX036498.D

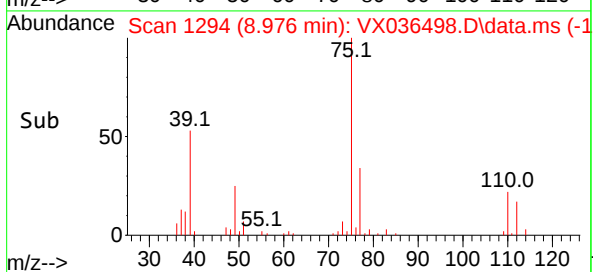
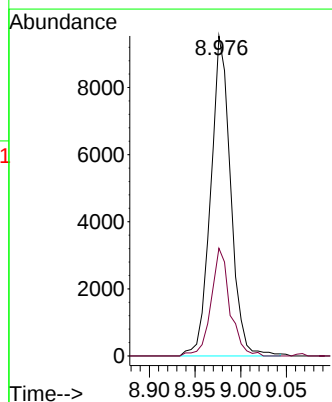
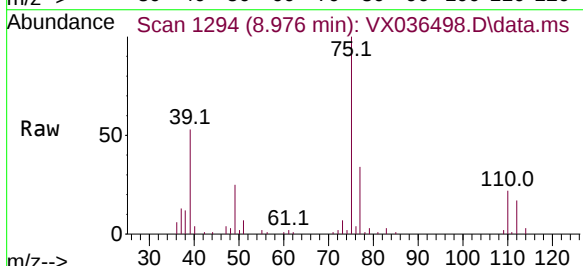
Acq: 12 Jul 2023 09:43

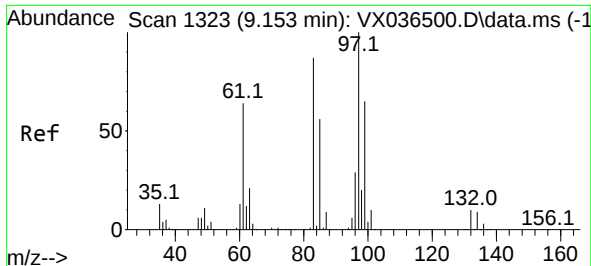
Tgt Ion: 75 Resp: 14464

Ion Ratio Lower Upper

75 100

77 33.7 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 4.035 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036498.D

Acq: 12 Jul 2023 09:43

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 10174

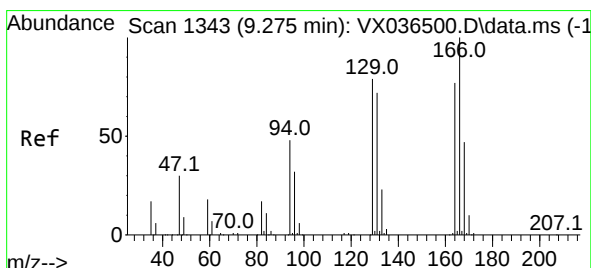
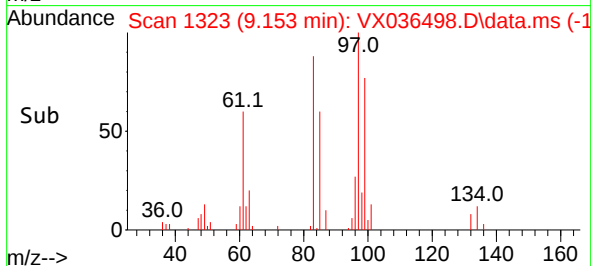
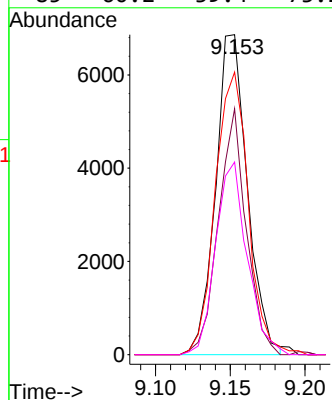
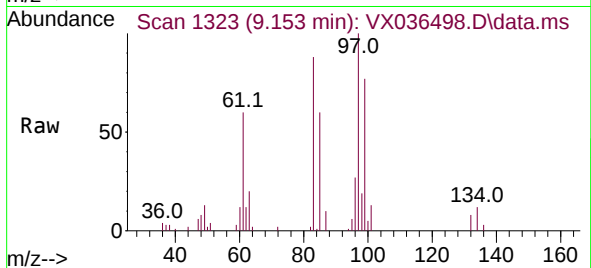
Ion Ratio Lower Upper

97 100

99 76.8 45.1 83.9

83 88.3 60.6 112.6

85 60.2 39.4 73.2



#46

Tetrachloroethene

Concen: 4.494 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX036498.D

Acq: 12 Jul 2023 09:43

Tgt Ion:164 Resp: 8403

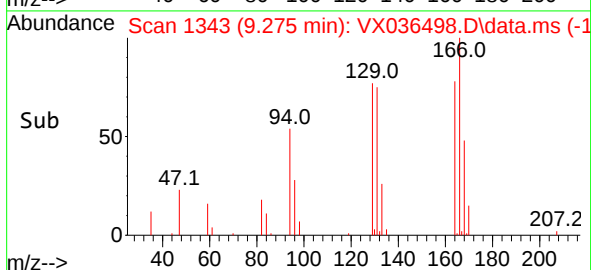
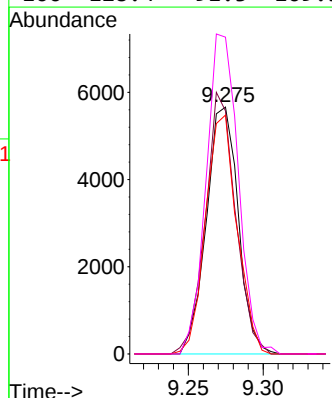
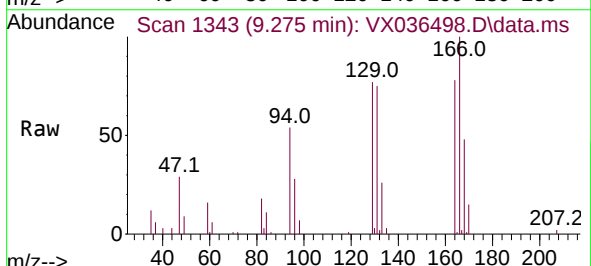
Ion Ratio Lower Upper

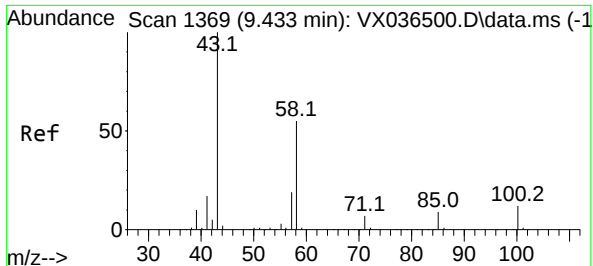
164 100

129 98.5 72.0 133.8

131 96.8 65.7 121.9

166 128.4 91.3 169.5





#48

2-Hexanone

Concen: 8.174 ug/L

RT: 9.427 min Scan# 1

Delta R.T. -0.006 min

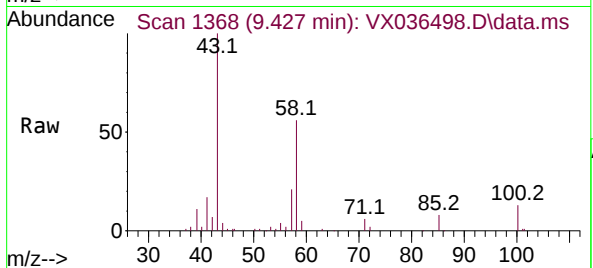
Lab File: VX036498.D

Acq: 12 Jul 2023 09:43

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 23619

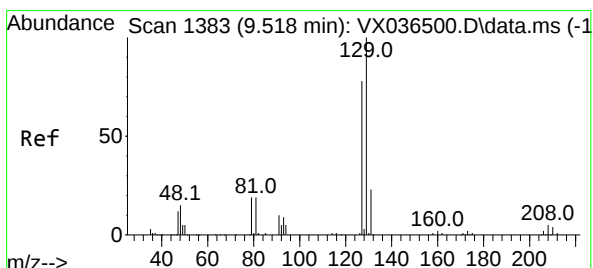
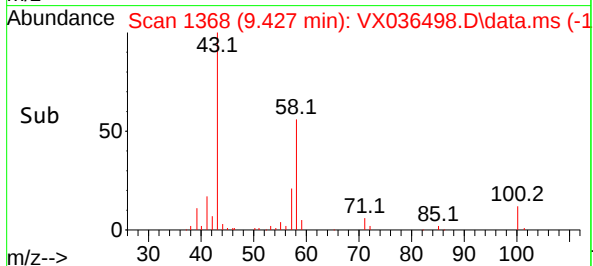
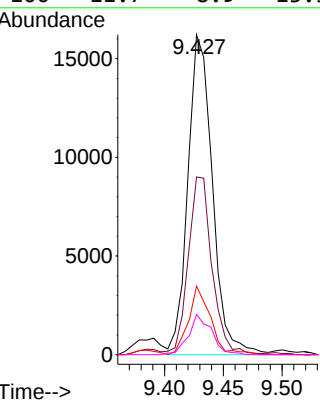
Ion Ratio Lower Upper

43 100

58 53.7 42.5 63.7

57 18.3 15.0 22.4

100 11.7 8.9 13.3



#49

Dibromochloromethane

Concen: 3.672 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX036498.D

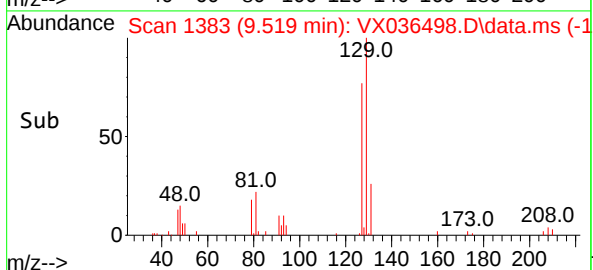
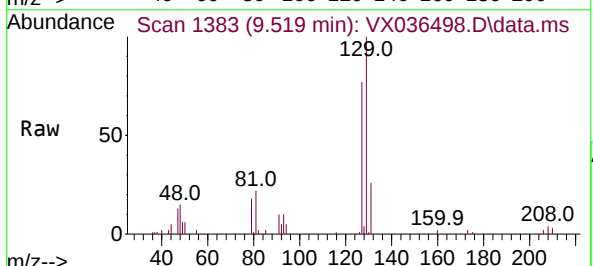
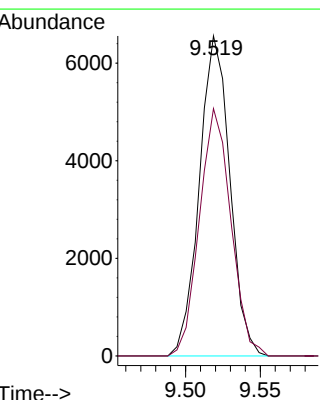
Acq: 12 Jul 2023 09:43

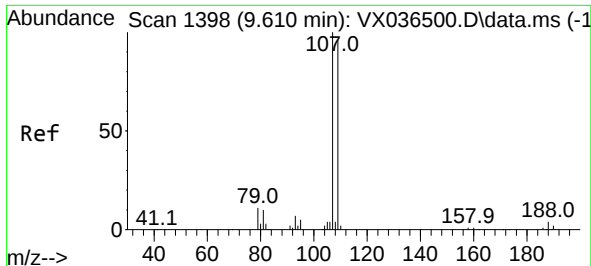
Tgt Ion:129 Resp: 9294

Ion Ratio Lower Upper

129 100

127 77.3 54.8 101.8

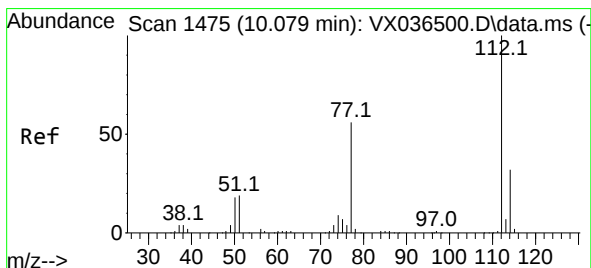
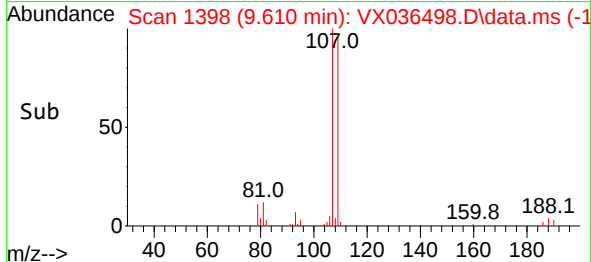
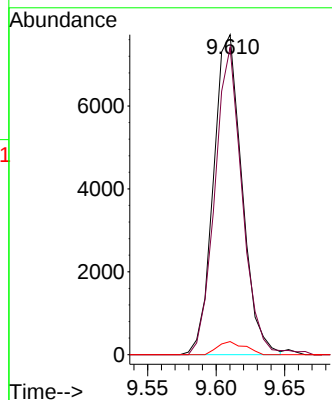
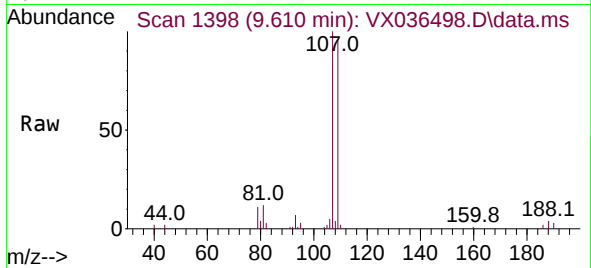




#50
1,2-Dibromoethane
Concen: 4.131 ug/L
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

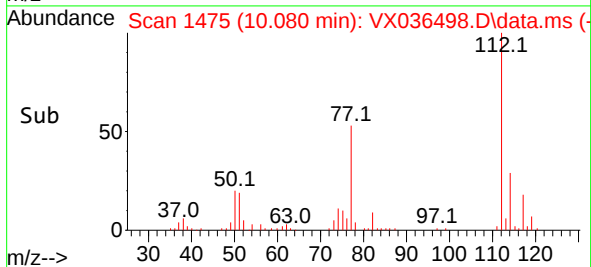
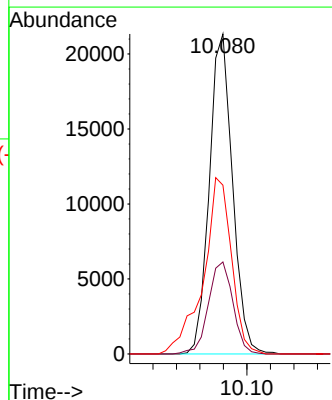
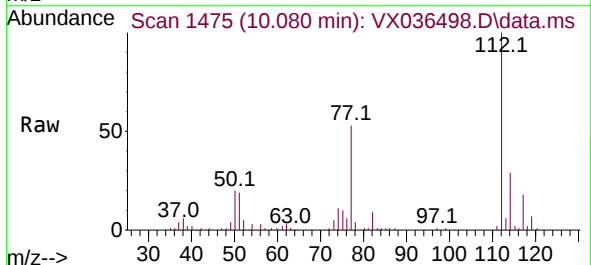
Instrument :
MSVOA_X
ClientSampleId :

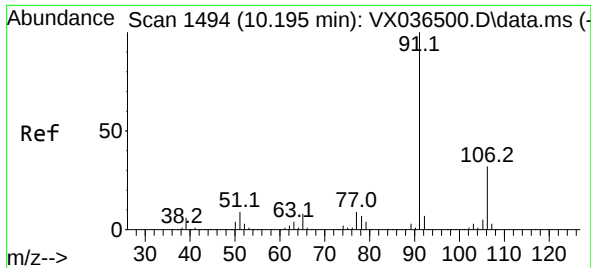
Tgt Ion:107 Resp: 11166
Ion Ratio Lower Upper
107 100
109 96.0 67.3 124.9
188 4.1 2.8 4.2



#51
Chlorobenzene
Concen: 4.388 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

Tgt Ion:112 Resp: 29285
Ion Ratio Lower Upper
112 100
114 28.8 22.3 41.3
77 52.8 45.2 67.8

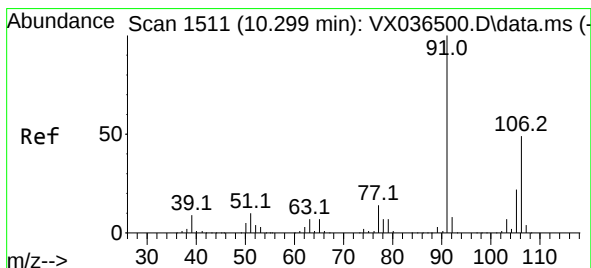
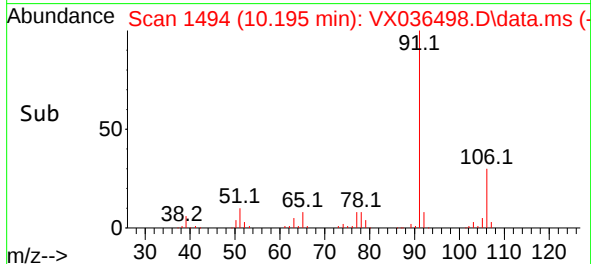
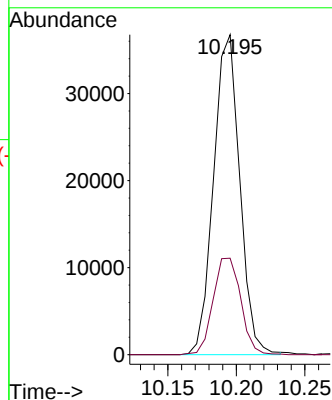
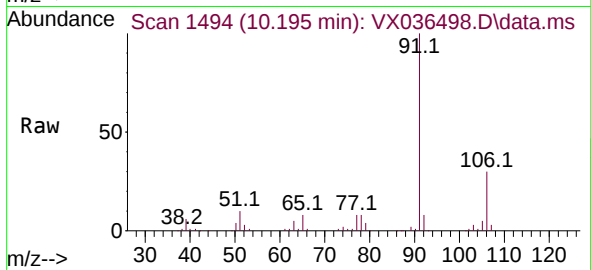




#52
Ethylbenzene
Concen: 4.323 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

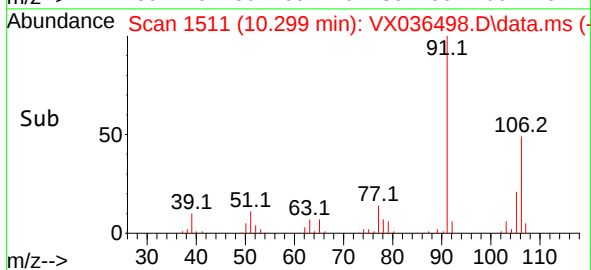
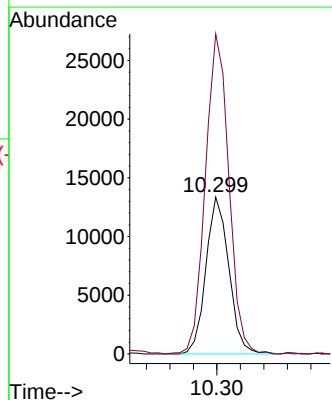
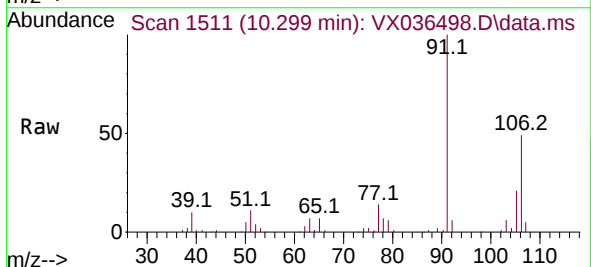
Instrument :
MSVOA_X
ClientSampleId :

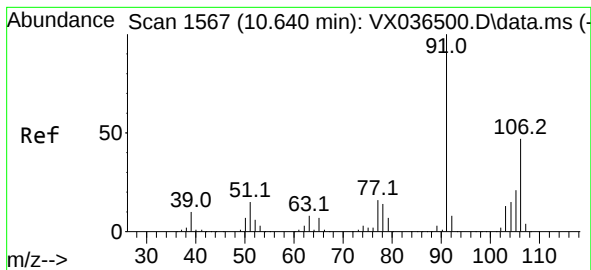
Tgt Ion: 91 Resp: 48839
Ion Ratio Lower Upper
91 100
106 30.1 22.1 41.1



#53
m,p-Xylene
Concen: 4.193 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

Tgt Ion: 106 Resp: 18074
Ion Ratio Lower Upper
106 100
91 204.1 143.1 265.9

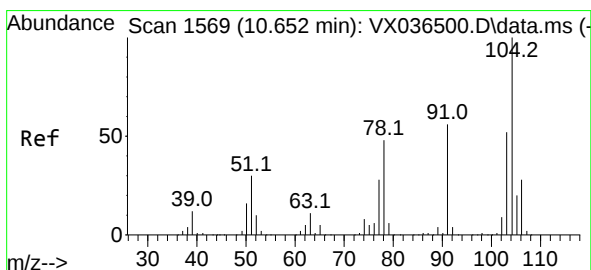
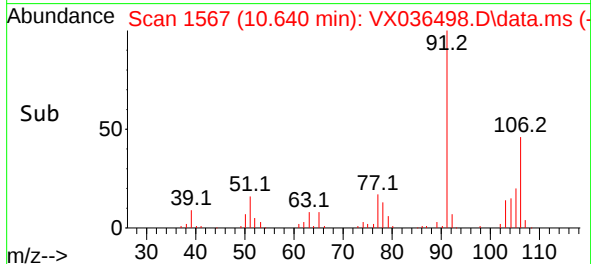
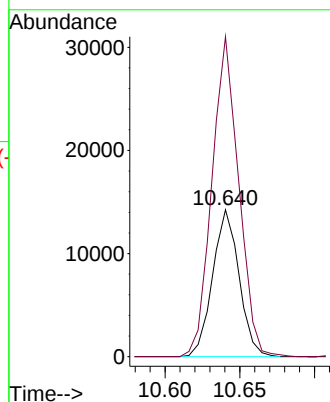
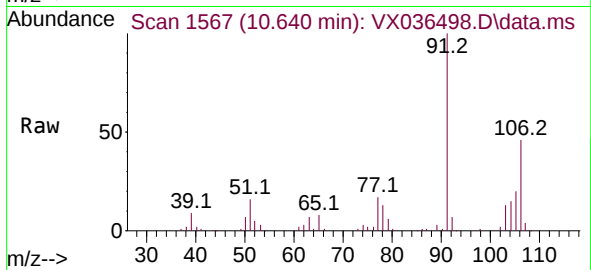




#54
o-Xylene
Concen: 4.099 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

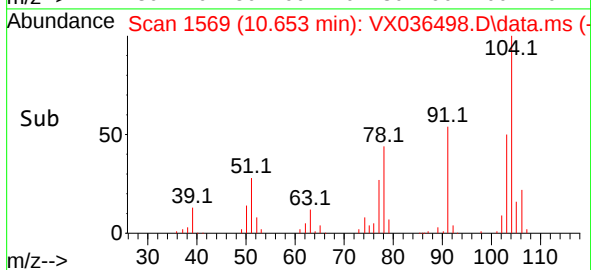
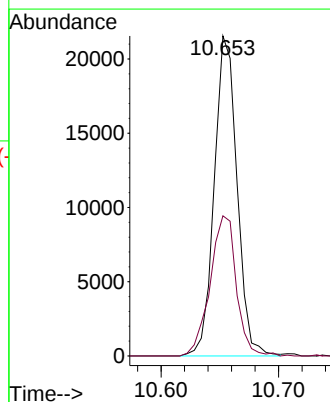
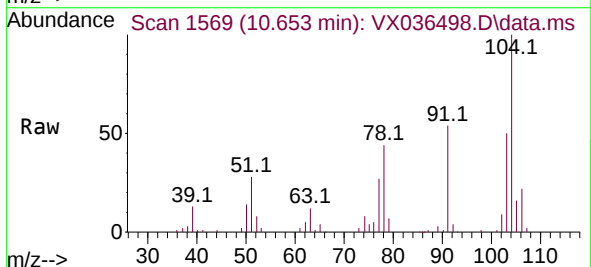
Instrument :
MSVOA_X
ClientSampleId :

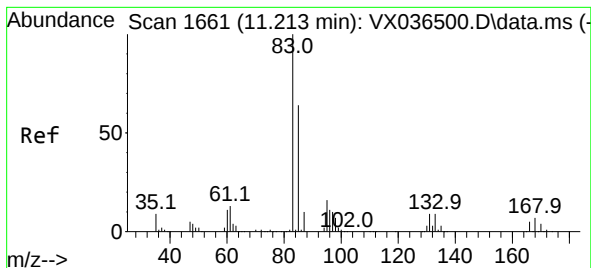
Tgt Ion:106 Resp: 17526
Ion Ratio Lower Upper
106 100
91 217.8 147.8 274.4



#55
Styrene
Concen: 4.071 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

Tgt Ion:104 Resp: 29012
Ion Ratio Lower Upper
104 100
78 43.8 33.5 62.3

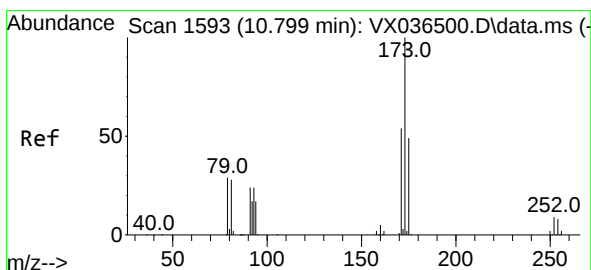
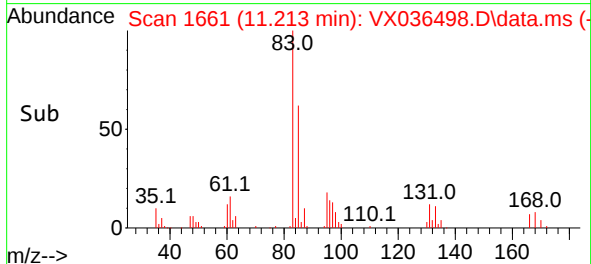
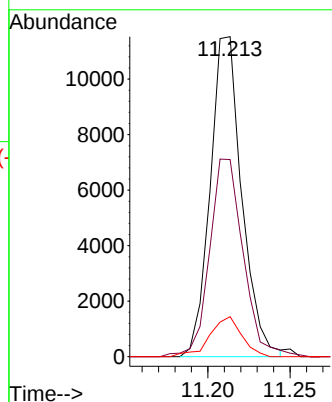
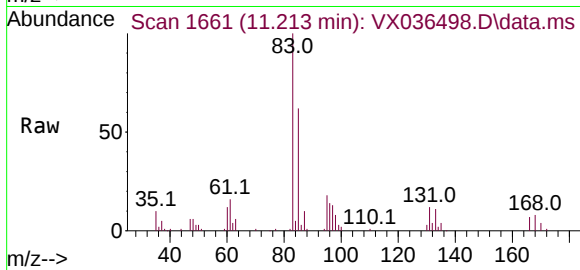




#57
 1,1,2,2-Tetrachloroethane
 Concen: 3.941 ug/L
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX036498.D
 Acq: 12 Jul 2023 09:43

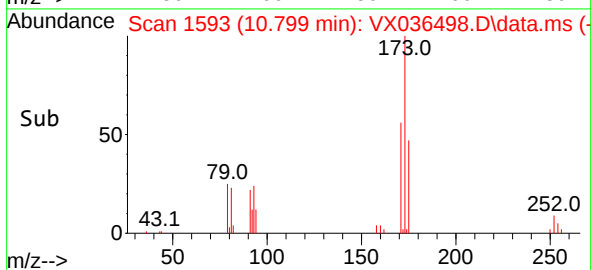
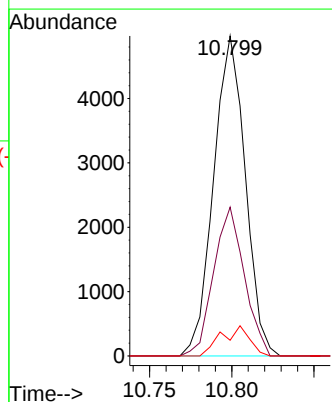
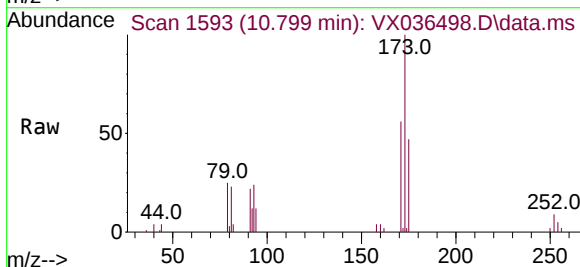
Instrument :
 MSVOA_X
 ClientSampleId :

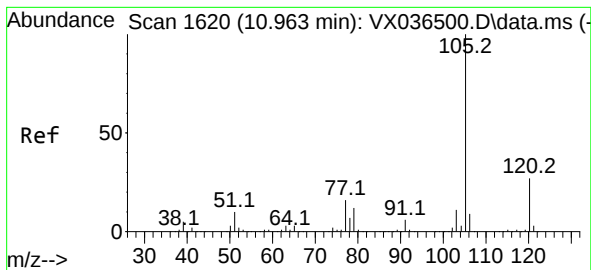
Tgt Ion:	83	Resp:	15435
Ion	Ratio	Lower	Upper
83	100		
85	61.6	44.9	83.3
131	12.5	7.4	11.0



#59
 Bromoform
 Concen: 3.868 ug/L
 RT: 10.799 min Scan# 1593
 Delta R.T. 0.000 min
 Lab File: VX036498.D
 Acq: 12 Jul 2023 09:43

Tgt Ion:	173	Resp:	6665
Ion	Ratio	Lower	Upper
173	100		
175	45.0	39.5	59.3
254	8.4	7.0	10.4





#60

Isopropylbenzene

Concen: 4.471 ug/L

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX036498.D

Acq: 12 Jul 2023 09:43

Instrument :

MSVOA_X

ClientSampleId :

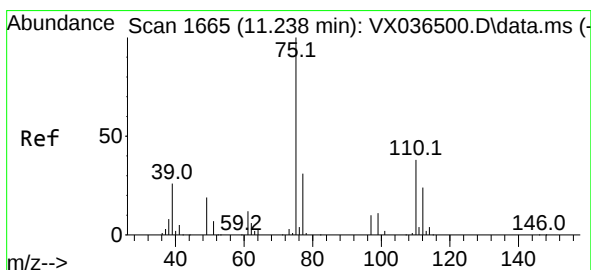
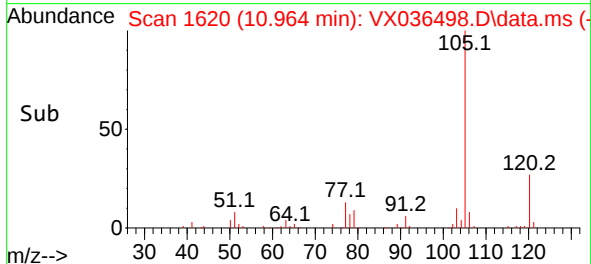
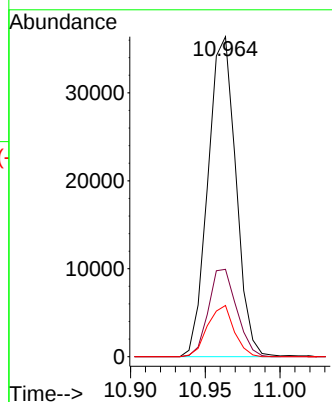
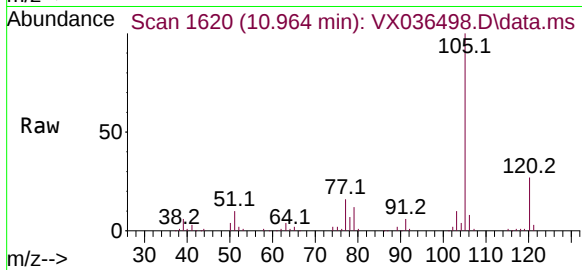
Tgt Ion:105 Resp: 47372

Ion Ratio Lower Upper

105 100

120 27.5 21.5 32.3

77 15.2 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 4.131 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX036498.D

Acq: 12 Jul 2023 09:43

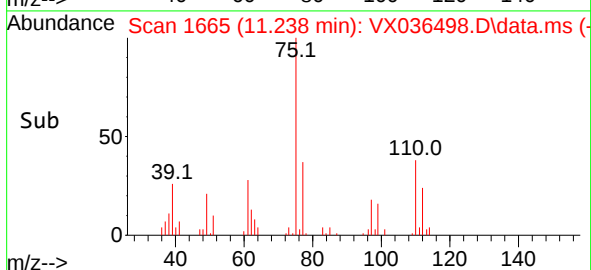
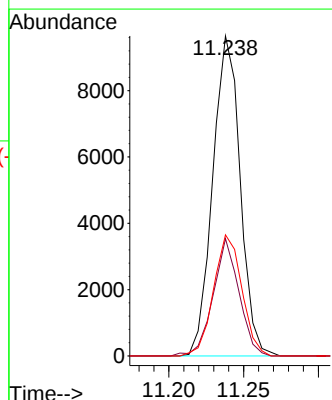
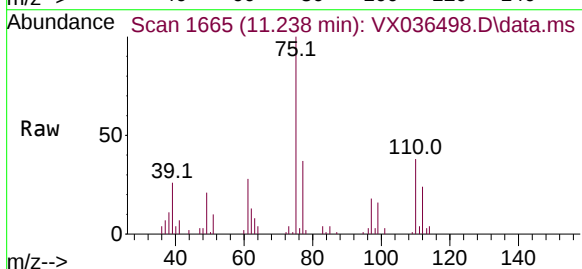
Tgt Ion: 75 Resp: 12293

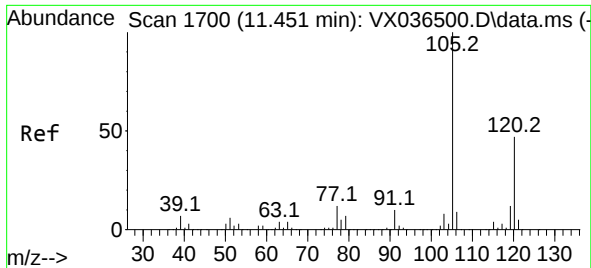
Ion Ratio Lower Upper

75 100

77 34.5 25.4 38.0

110 39.0 29.9 44.9

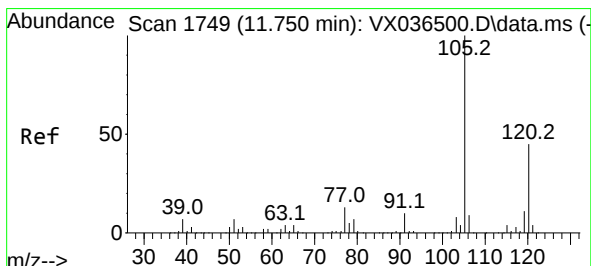
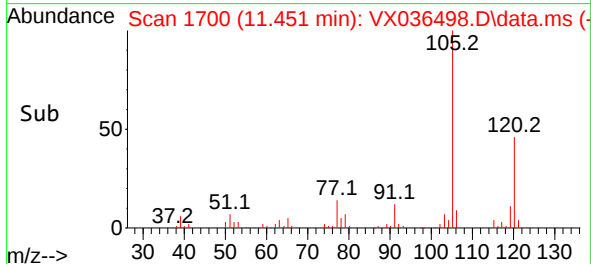
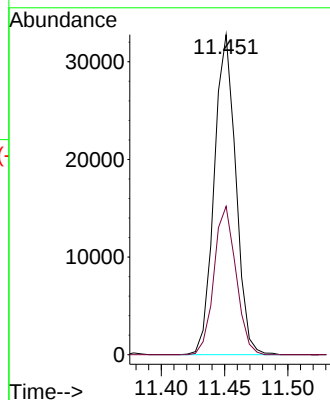
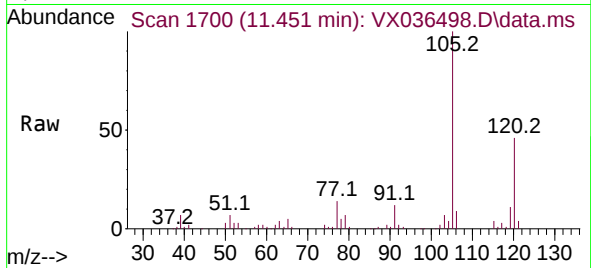




#62
1,3,5-Trimethylbenzene
Concen: 4.389 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

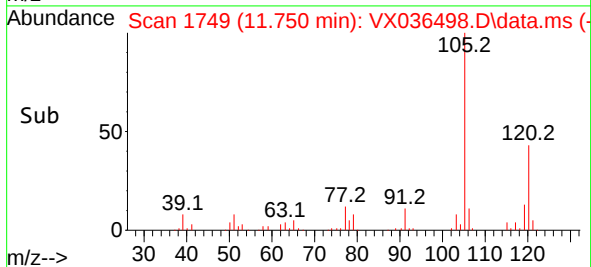
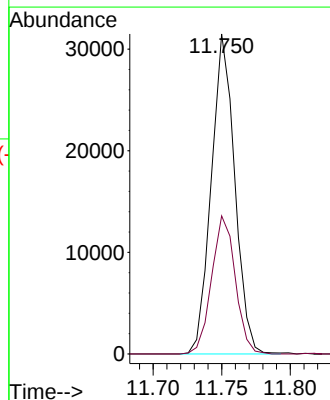
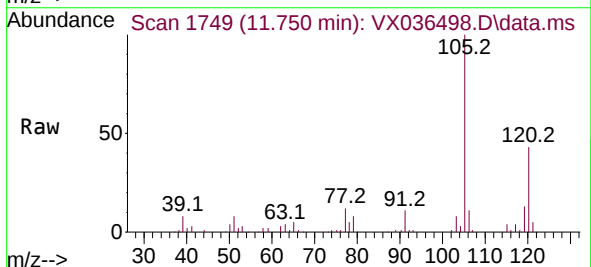
Instrument :
MSVOA_X
ClientSampleId :

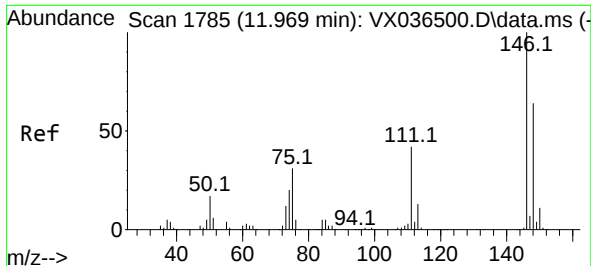
Tgt Ion:105 Resp: 38872
Ion Ratio Lower Upper
105 100
120 47.2 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 4.223 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

Tgt Ion:105 Resp: 37518
Ion Ratio Lower Upper
105 100
120 43.5 36.7 55.1

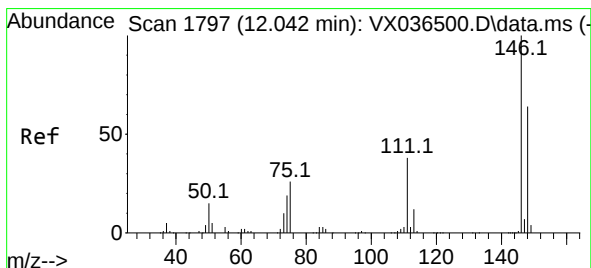
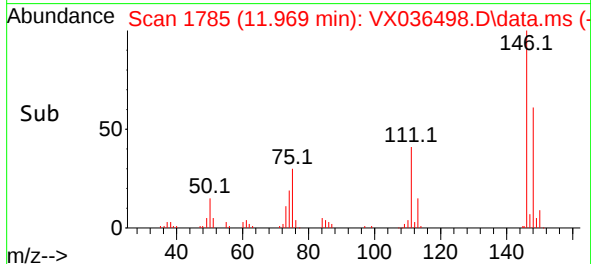
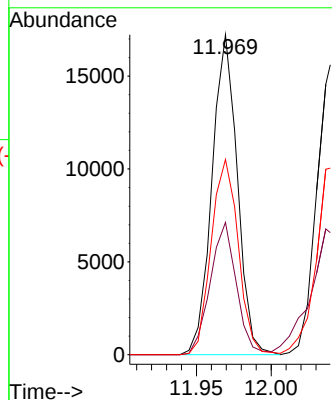
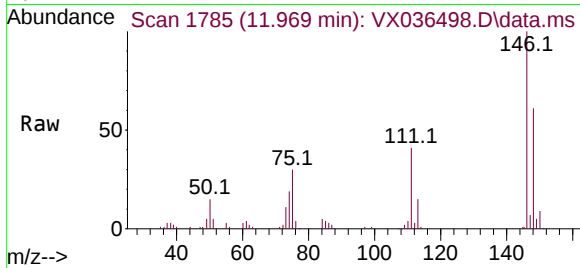




#64
1,3-Dichlorobenzene
Concen: 4.285 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

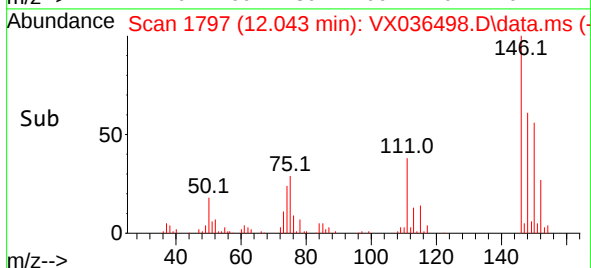
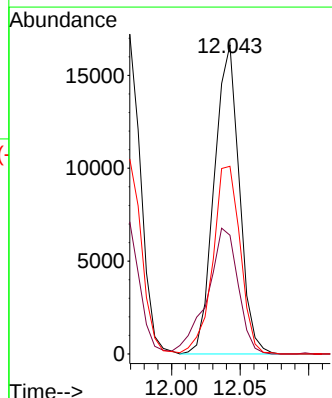
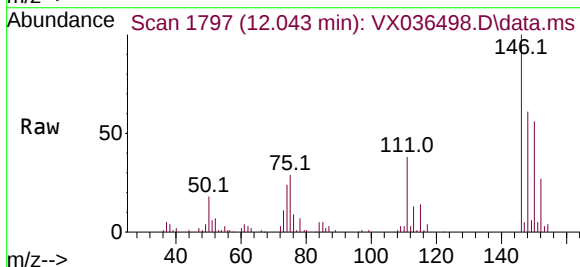
Instrument :
MSVOA_X
ClientSampleId :

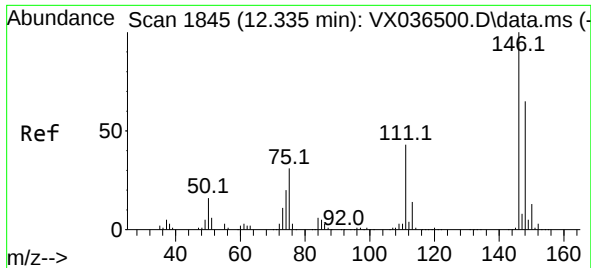
Tgt Ion:146 Resp: 20315
Ion Ratio Lower Upper
146 100
111 41.3 29.5 54.7
148 61.0 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 4.415 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

Tgt Ion:146 Resp: 21129
Ion Ratio Lower Upper
146 100
111 38.4 27.1 50.3
148 60.7 45.2 84.0

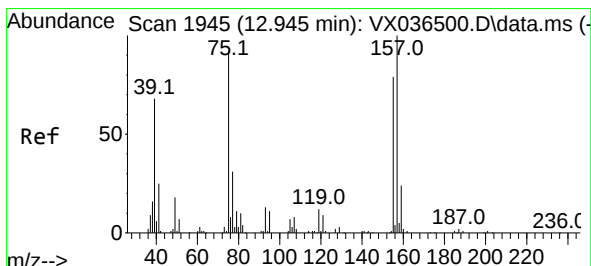
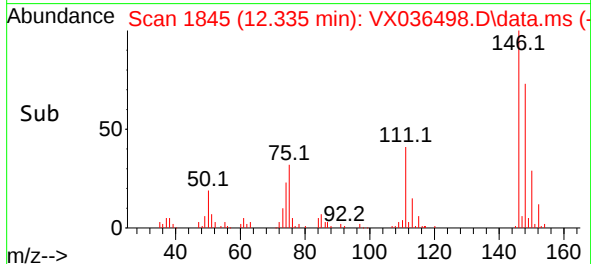
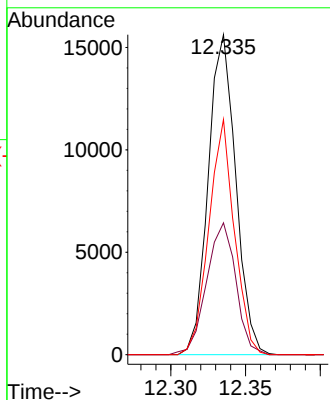
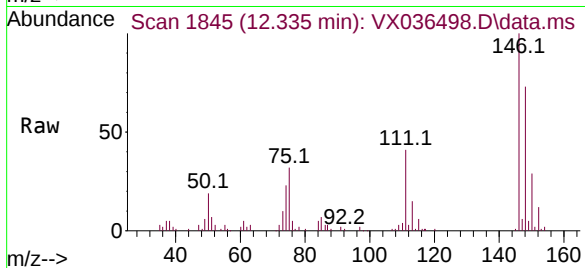




#67
1,2-Dichlorobenzene
Concen: 4.258 ug/L
RT: 12.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

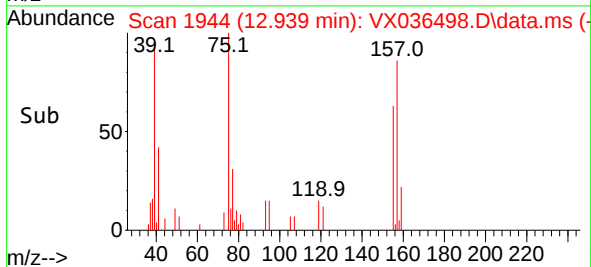
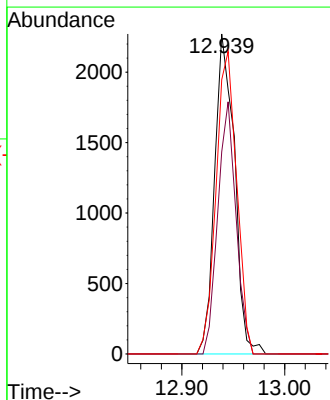
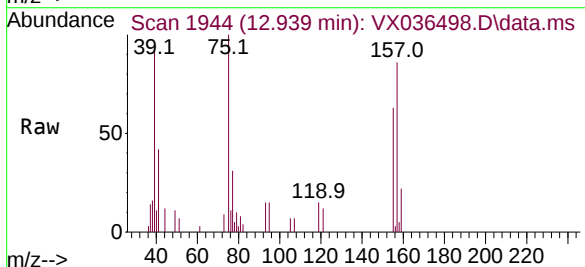
Instrument :
MSVOA_X
ClientSampleId :

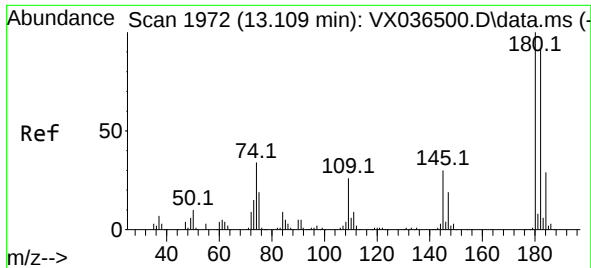
Tgt Ion:146 Resp: 20026
Ion Ratio Lower Upper
146 100
111 41.2 34.4 51.6
148 73.5 51.9 77.9



#68
1,2-Dibromo-3-chloropropane
Concen: 3.826 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036498.D
Acq: 12 Jul 2023 09:43

Tgt Ion: 75 Resp: 3034
Ion Ratio Lower Upper
75 100
155 63.1 68.4 102.6#
157 85.7 86.8 130.2#





#69

1,3,5-Trichlorobenzene

Concen: 4.333 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

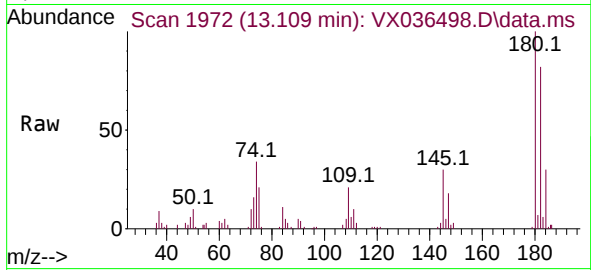
Lab File: VX036498.D

Acq: 12 Jul 2023 09:43

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 13630

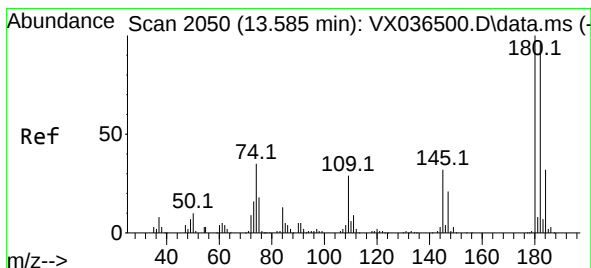
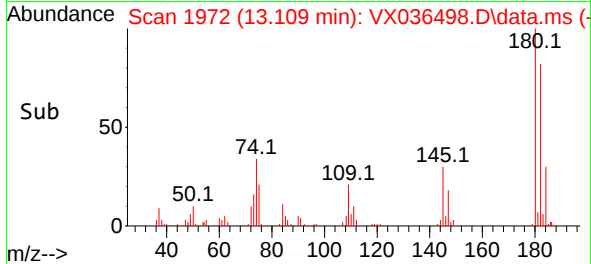
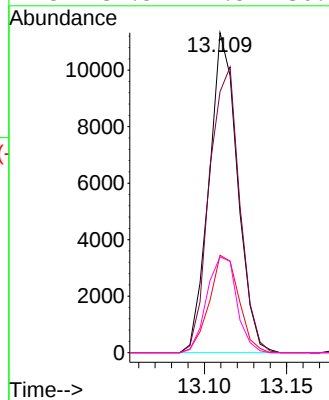
Ion Ratio Lower Upper

180 100

182 94.8 75.2 112.8

184 31.7 23.9 35.9

145 31.5 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.317 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036498.D

Acq: 12 Jul 2023 09:43

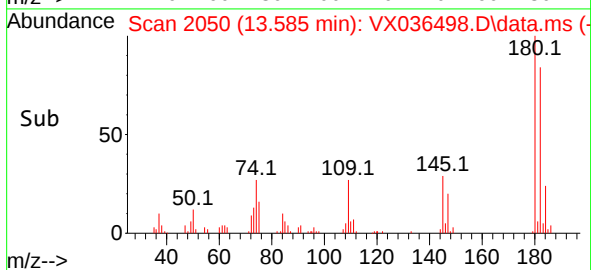
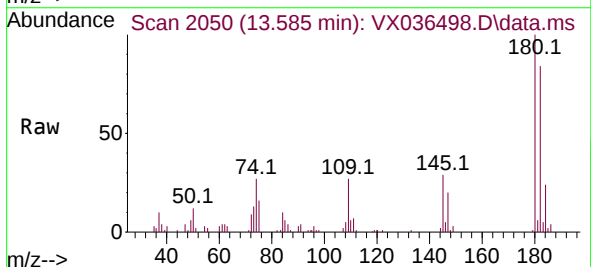
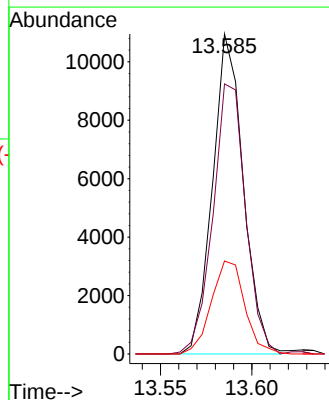
Tgt Ion:180 Resp: 12811

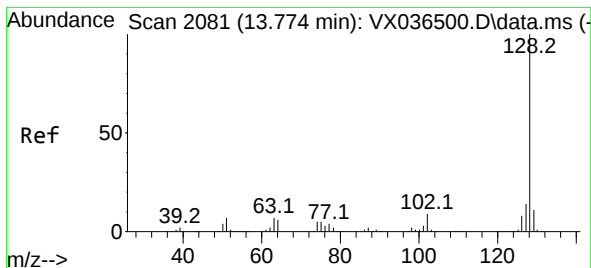
Ion Ratio Lower Upper

180 100

182 89.6 74.7 112.1

145 31.7 25.3 37.9





#71

Naphthalene

Concen: 3.907 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

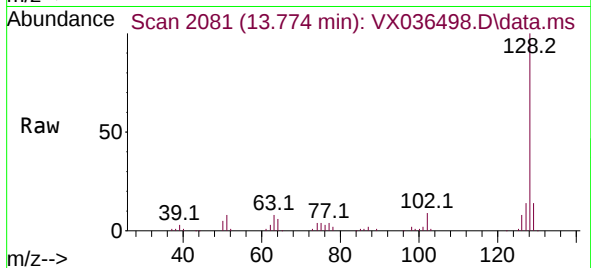
Lab File: VX036498.D

Acq: 12 Jul 2023 09:43

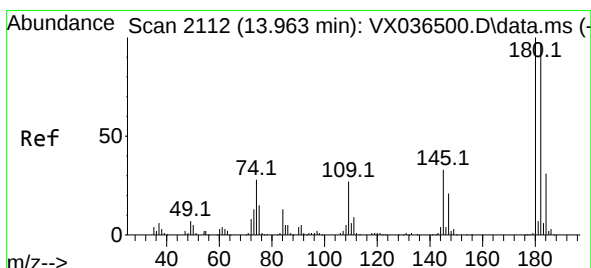
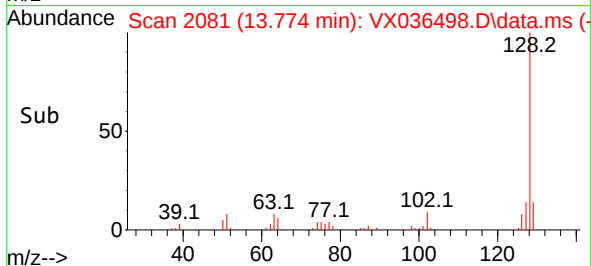
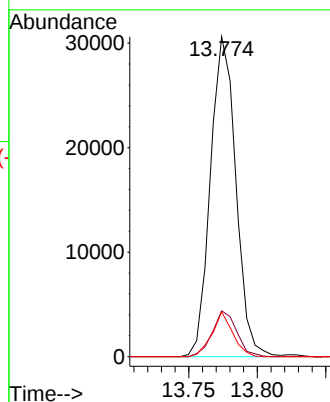
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	128	Resp:	39563
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	16.0
129	11.5	8.6	13.0



#72

1,2,3-Trichlorobenzene

Concen: 4.206 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX036498.D

Acq: 12 Jul 2023 09:43

Tgt Ion:	180	Resp:	12161
Ion	Ratio	Lower	Upper
180	100		
182	94.1	78.6	117.8
145	33.6	27.5	41.3

