

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036022.D
 Acq On : 06 Jun 2023 10:35
 Operator : JC/MD
 Sample : VSTD10041
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100641

Quant Time: Jun 07 05:18:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:13:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	344210	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	328066	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	173029	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	245072	109.978	ug/L	0.00
7) Chloroethane-d5	1.672	69	188578	115.154	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	124868	114.732	ug/L	0.00
21) 2-Butanone-d5	4.471	46	410787	263.942	ug/L	0.00
24) Chloroform-d	5.056	84	508868	118.175	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	367104	127.812	ug/L	0.00
32) Benzene-d6	5.970	84	973782	102.939	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	307050	106.143	ug/L	0.00
41) Toluene-d8	8.647	98	907454	104.996	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	160637	124.148	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	290925	244.472	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	420636	115.795	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	333641	100.489	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	387337	143.868	ug/L	99
3) Chloromethane	1.294	50	343694	139.914	ug/L	100
5) Vinyl chloride	1.374	62	331123	133.393	ug/L	97
6) Bromomethane	1.617	94	198385	135.103	ug/L	99
8) Chloroethane	1.691	64	196241	139.378	ug/L	100
9) Trichlorofluoromethane	1.886	101	450745	132.214	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	303779	131.681	ug/L	99
12) 1,1-Dichloroethene	2.318	96	267760	128.974	ug/L	93
13) Acetone	2.404	43	444227	354.002	ug/L	99
14) Carbon disulfide	2.514	76	771443	146.772	ug/L	100
15) Methyl Acetate	2.709	43	362253	146.789	ug/L	100
16) Methylene chloride	2.788	84	292928	125.133	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	281021	130.150	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	1015879	134.967	ug/L	100
19) 1,1-Dichloroethane	3.605	63	562686	133.701	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	318460	127.044	ug/L	99
22) 2-Butanone	4.574	43	562749	312.795	ug/L	100
23) Bromochloromethane	4.897	128	156675	126.698	ug/L	98
25) Chloroform	5.092	83	612481	140.982	ug/L	99
27) 1,2-Dichloroethane	6.086	62	528887	149.393	ug/L	100
29) Cyclohexane	5.470	56	528979	131.417	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	532028	135.468	ug/L	98
31) Carbon tetrachloride	5.678	117	451149	135.875	ug/L	100
33) Benzene	6.037	78	1195508	119.668	ug/L	100
34) Trichloroethene	7.122	95	327390	122.588	ug/L	96
35) Methylcyclohexane	7.379	83	509634	139.121	ug/L	99
37) 1,2-Dichloropropane	7.427	63	319797	121.301	ug/L	100
38) Bromodichloromethane	7.817	83	435677	136.881	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	541279	136.467	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	997786	279.066	ug/L	99
42) Toluene	8.720	91	1279102	123.060	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	515840	142.503	ug/L	100

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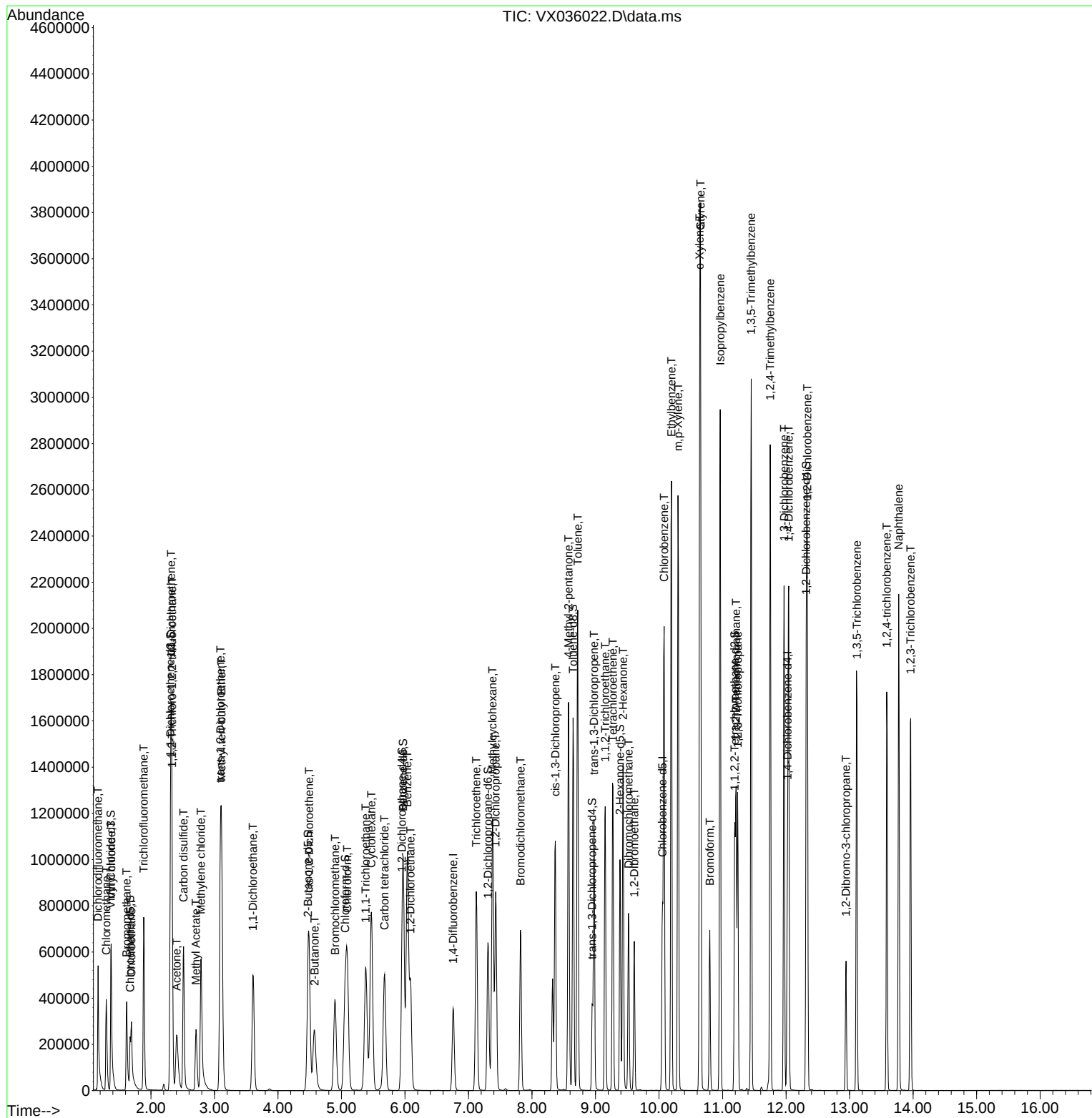
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	313404	124.474	ug/L	98
46) Tetrachloroethene	9.275	164	237457	121.957	ug/L	96
48) 2-Hexanone	9.433	43	749808	275.049	ug/L	97
49) Dibromochloromethane	9.518	129	324419	135.817	ug/L	98
50) 1,2-Dibromoethane	9.610	107	341611	130.256	ug/L	98
51) Chlorobenzene	10.079	112	843744	123.586	ug/L	98
52) Ethylbenzene	10.195	91	1490965	128.744	ug/L	96
53) m,p-Xylene	10.299	106	577914	131.142	ug/L	95
54) o-Xylene	10.640	106	568798	131.119	ug/L	96
55) Styrene	10.652	104	976670	132.869	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	486873	129.754	ug/L	99
59) Bromoform	10.799	173	227201	129.473	ug/L	99
60) Isopropylbenzene	10.963	105	1490787	125.820	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	393267	121.371	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1272219	130.327	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	1183097	124.270	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	653635	122.285	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	655364	119.815	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	617103	114.183	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	109935	136.764	ug/L	84
69) 1,3,5-Trichlorobenzene	13.115	180	404774	122.509	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	377573	122.725	ug/L	98
71) Naphthalene	13.774	128	1252651	116.648	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	369171	122.062	ug/L	99

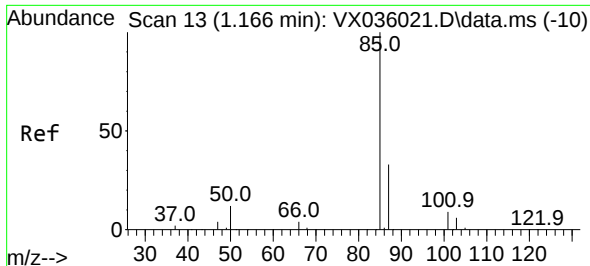
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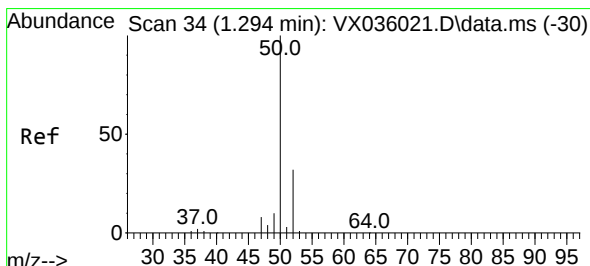
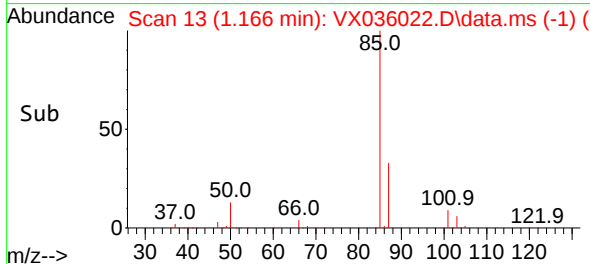
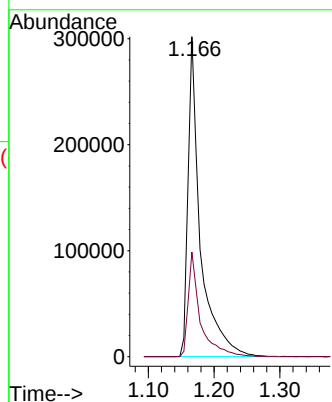
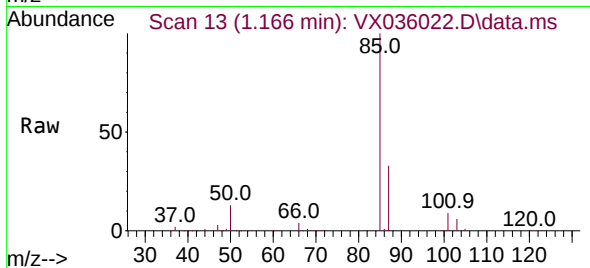




#2
 Dichlorodifluoromethane
 Concen: 143.868 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036022.D
 Acq: 06 Jun 2023 10:35

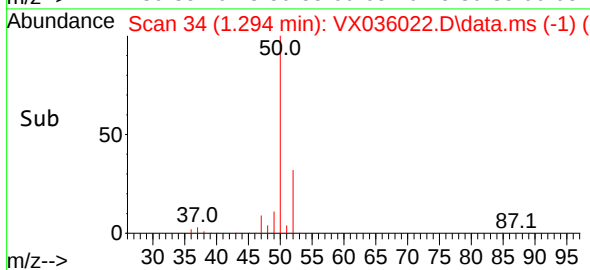
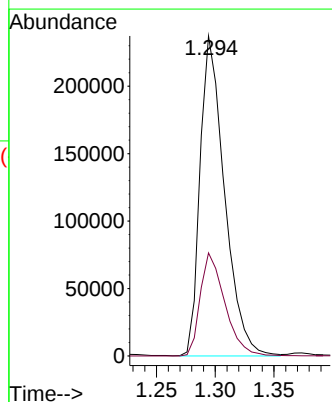
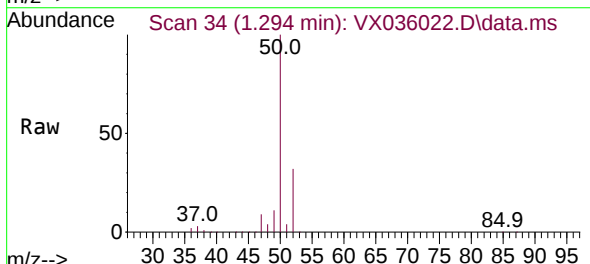
Instrument :
 MSVOA_X
 ClientSampleId :
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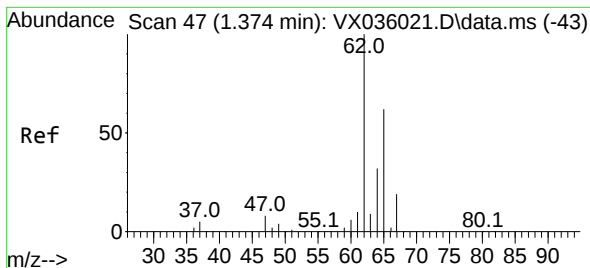
Tgt Ion: 85 Resp: 387337
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.4 39.6



#3
 Chloromethane
 Concen: 139.914 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX036022.D
 Acq: 06 Jun 2023 10:35

Tgt Ion: 50 Resp: 343694
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.5 41.9





#5

Vinyl chloride

Concen: 133.393 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX036022.D

Acq: 06 Jun 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

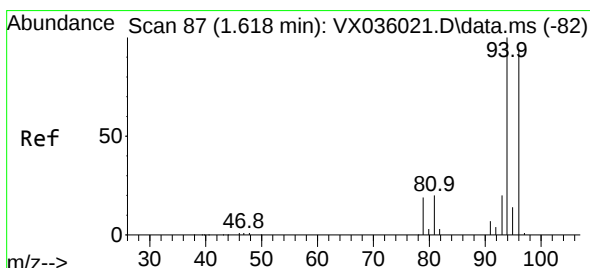
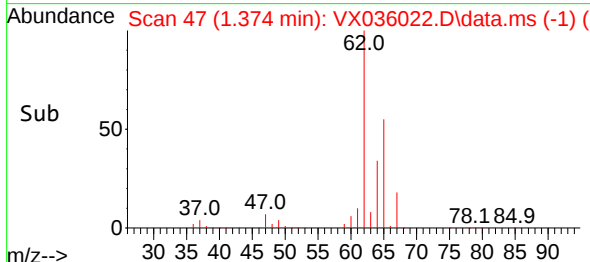
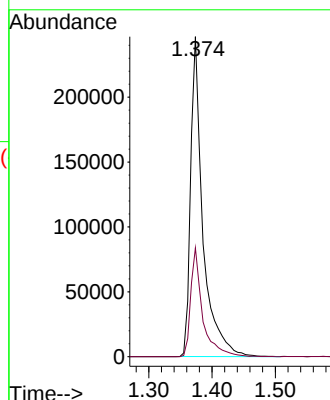
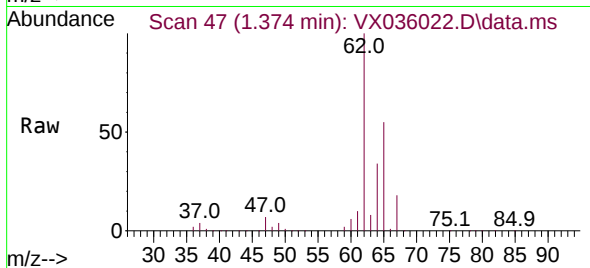
VSTD100641

Tgt Ion: 62 Resp: 331123

Ion Ratio Lower Upper

62 100

64 34.0 22.7 42.1



#6

Bromomethane

Concen: 135.103 ug/L

RT: 1.617 min Scan# 87

Delta R.T. -0.000 min

Lab File: VX036022.D

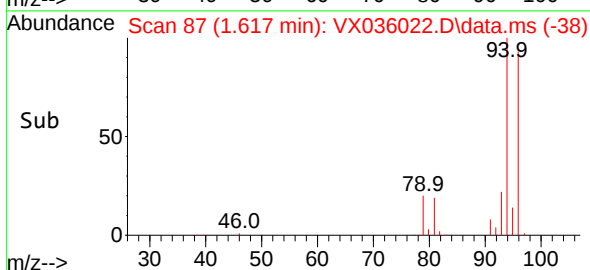
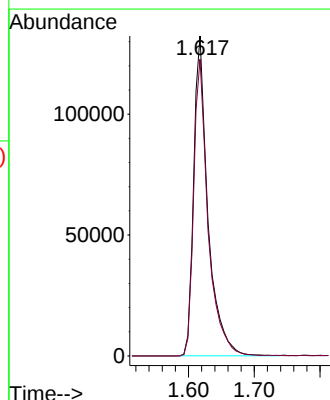
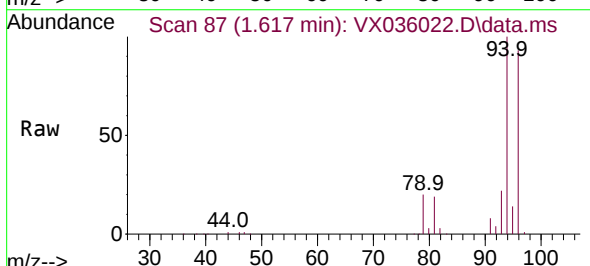
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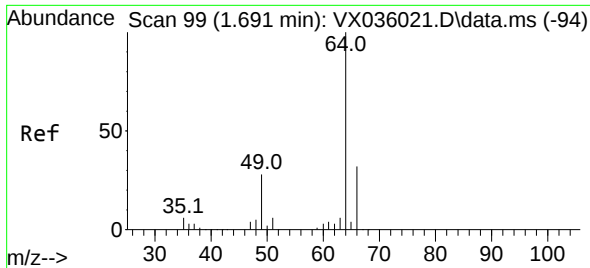
Tgt Ion: 94 Resp: 198385

Ion Ratio Lower Upper

94 100

96 92.8 65.8 122.2

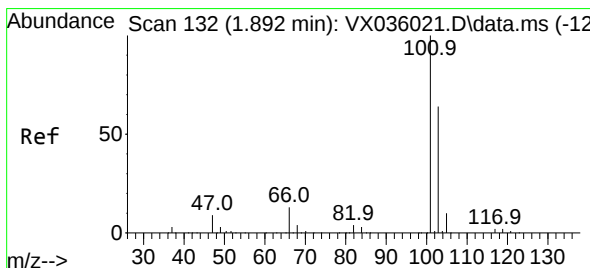
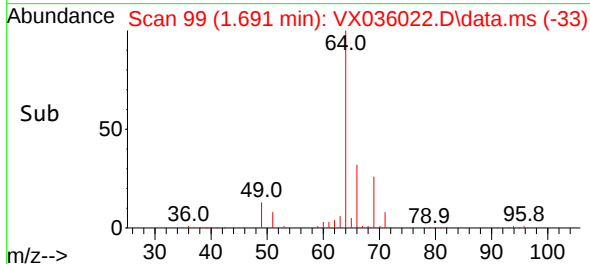
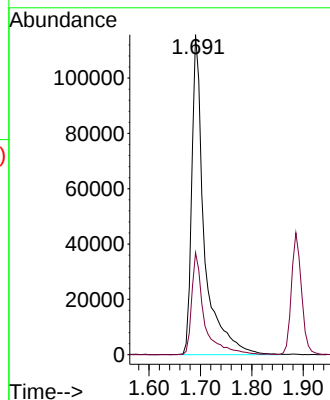
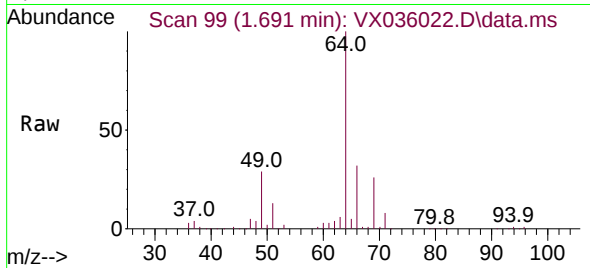




#8
Chloroethane
Concen: 139.378 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

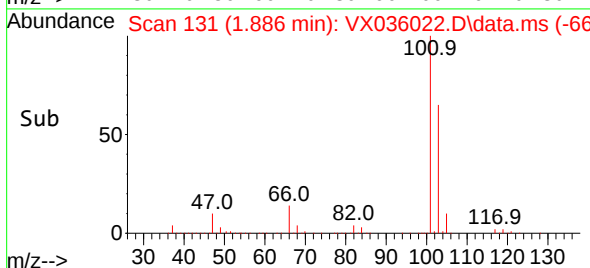
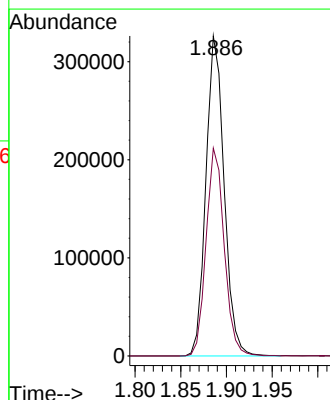
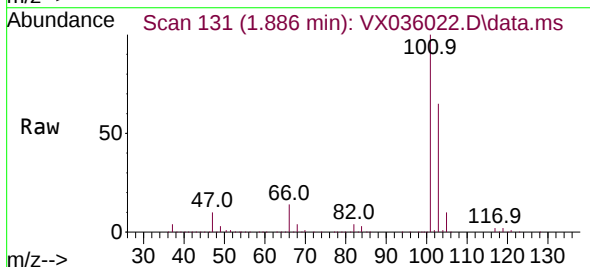
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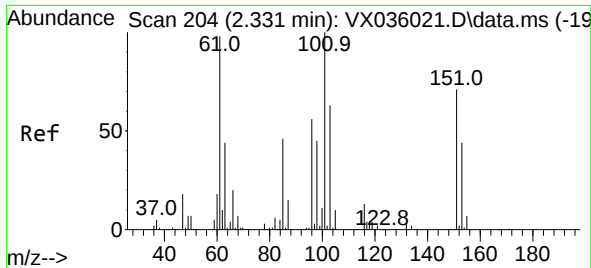
Tgt Ion: 64 Resp: 196241
Ion Ratio Lower Upper
64 100
66 31.9 22.5 41.7



#9
Trichlorofluoromethane
Concen: 132.214 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

Tgt Ion: 101 Resp: 450745
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

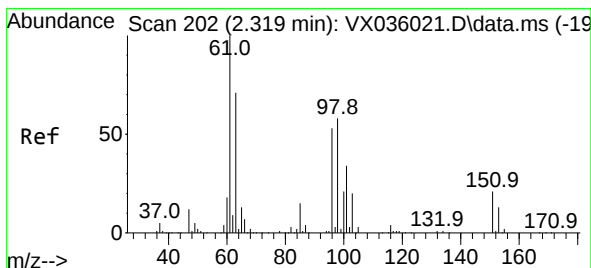
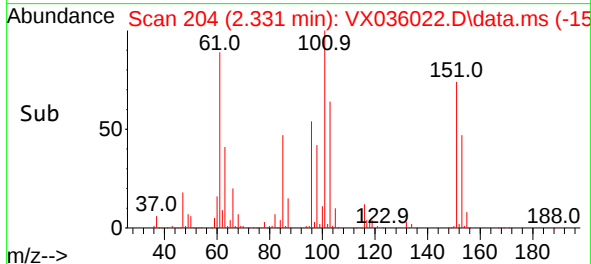
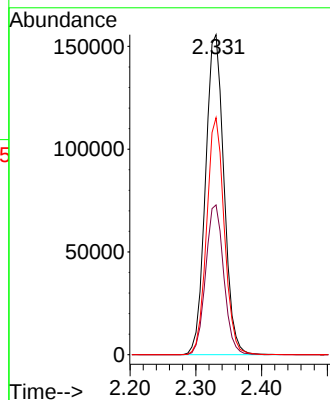
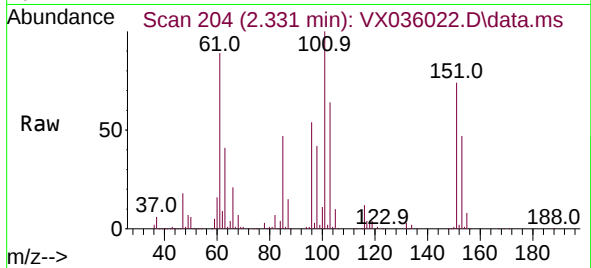




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 131.681 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX036022.D
 Acq: 06 Jun 2023 10:35

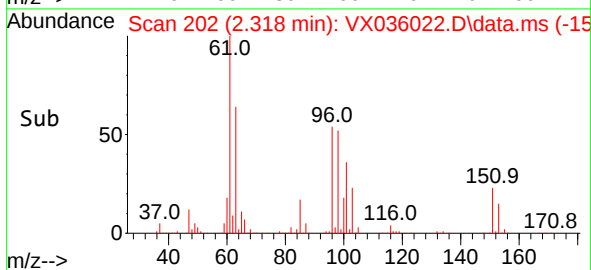
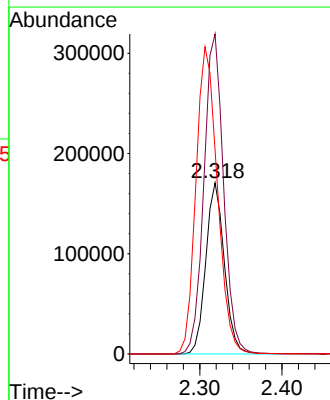
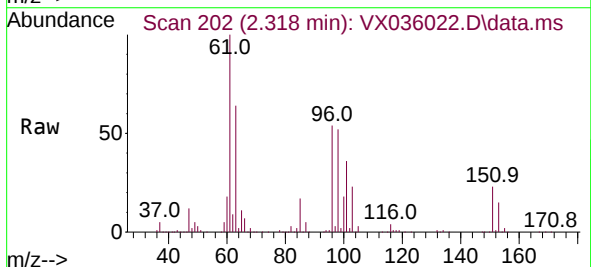
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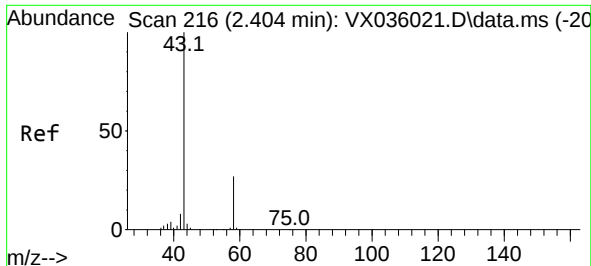
Tgt Ion:101 Resp: 303779
 Ion Ratio Lower Upper
 101 100
 85 46.0 36.6 55.0
 151 70.8 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 128.974 ug/L
 RT: 2.318 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX036022.D
 Acq: 06 Jun 2023 10:35

Tgt Ion: 96 Resp: 267760
 Ion Ratio Lower Upper
 96 100
 61 186.9 132.5 246.1
 63 118.9 95.1 176.7





#13

Acetone

Concen: 354.002 ug/L

RT: 2.404 min Scan# 216

Delta R.T. -0.000 min

Lab File: VX036022.D

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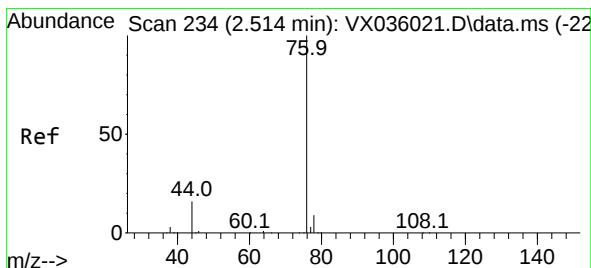
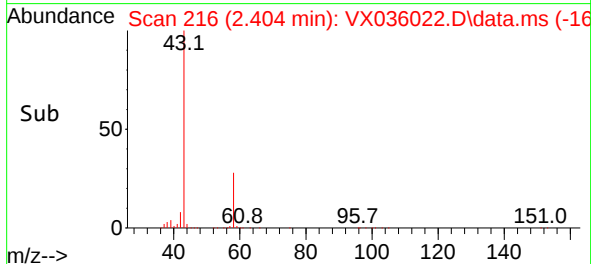
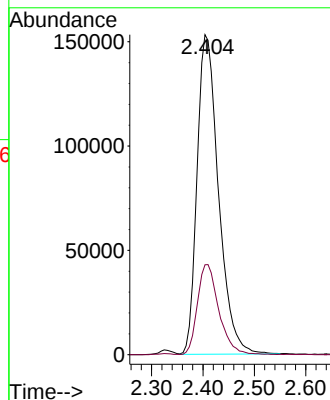
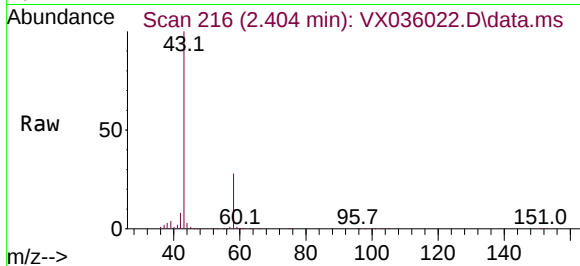
VSTD100641

Tgt Ion: 43 Resp: 444227

Ion Ratio Lower Upper

43 100

58 28.1 0.0 55.4



#14

Carbon disulfide

Concen: 146.772 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX036022.D

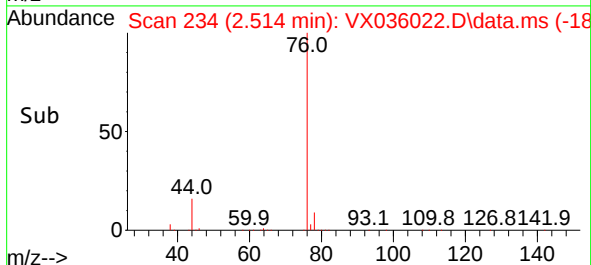
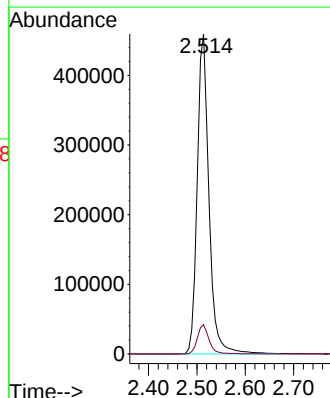
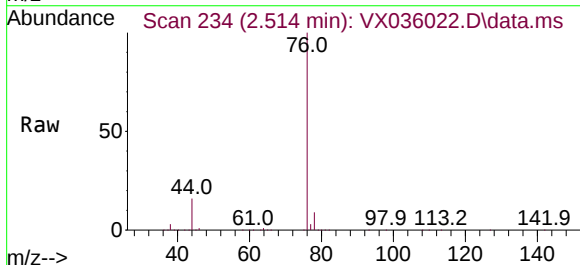
Acq: 06 Jun 2023 10:35

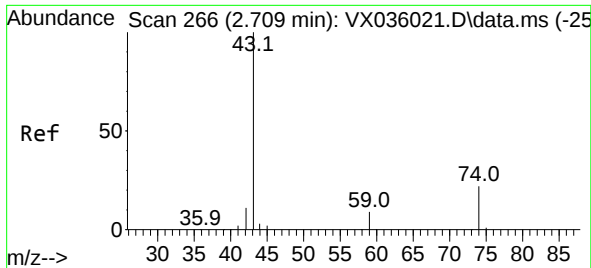
Tgt Ion: 76 Resp: 771443

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

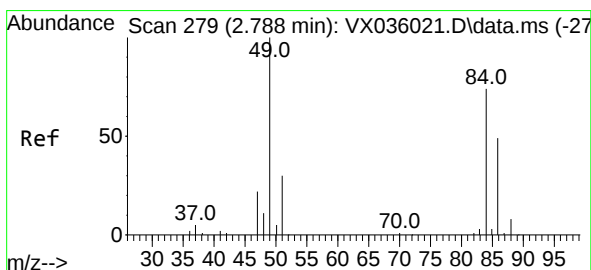
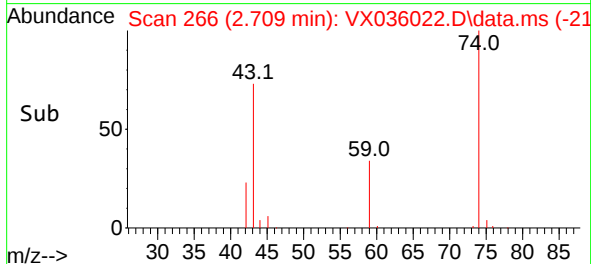
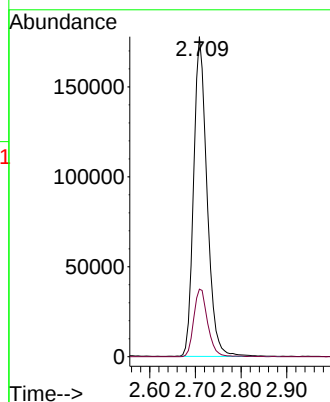
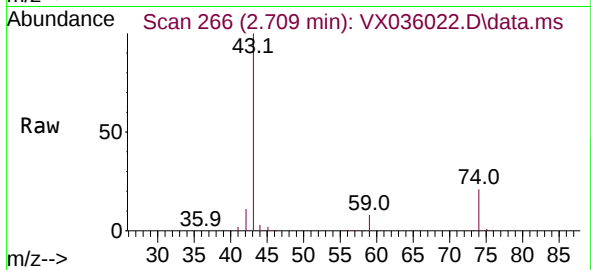




#15
Methyl Acetate
Concen: 146.789 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

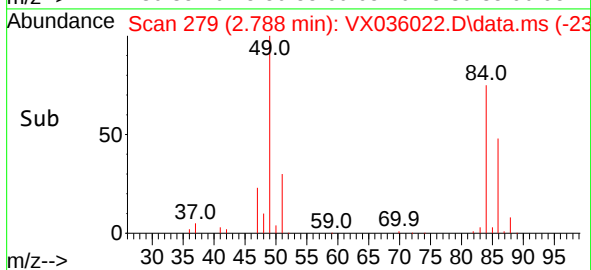
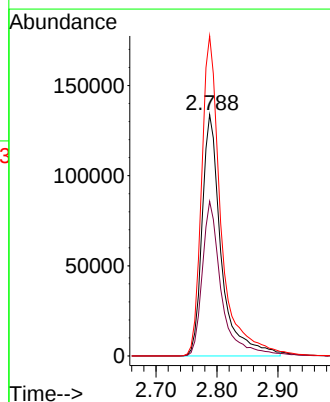
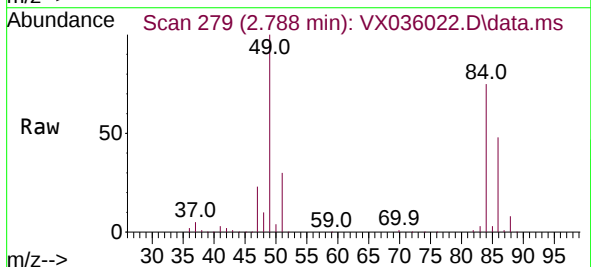
Instrument :
MSVOA_X
ClientSampleId :
VSTD100641

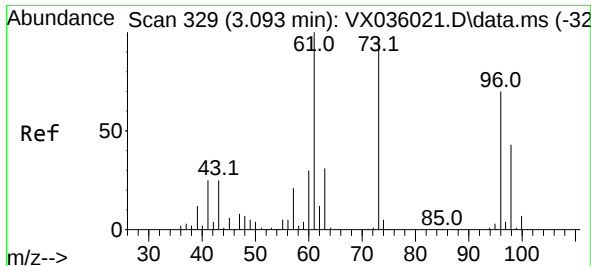
Tgt Ion: 43 Resp: 362253
Ion Ratio Lower Upper
43 100
74 21.8 17.4 26.2



#16
Methylene chloride
Concen: 125.133 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

Tgt Ion: 84 Resp: 292928
Ion Ratio Lower Upper
84 100
86 64.1 46.5 86.5
49 132.6 95.1 176.5

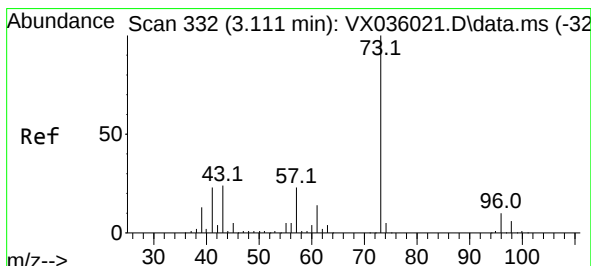
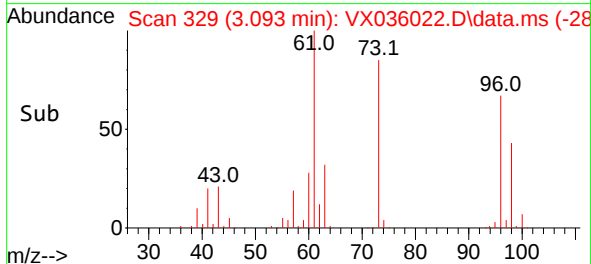
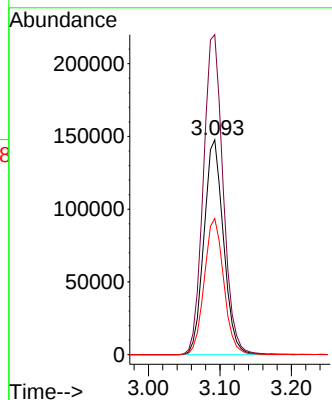
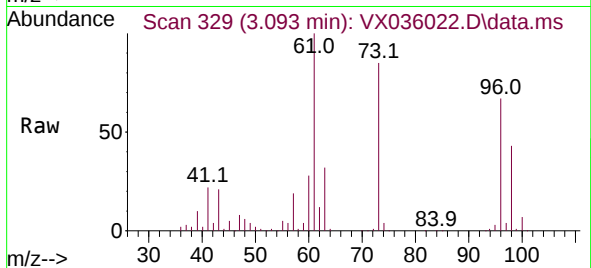




#17
trans-1,2-Dichloroethene
Concen: 130.150 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

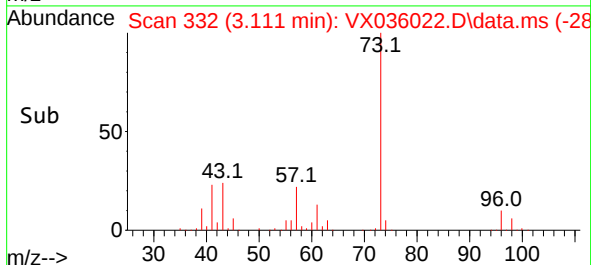
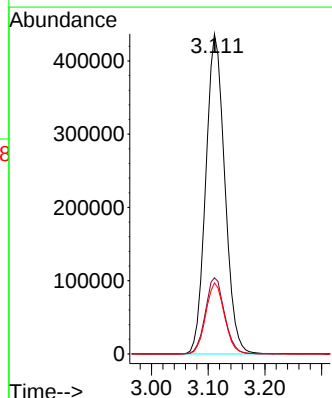
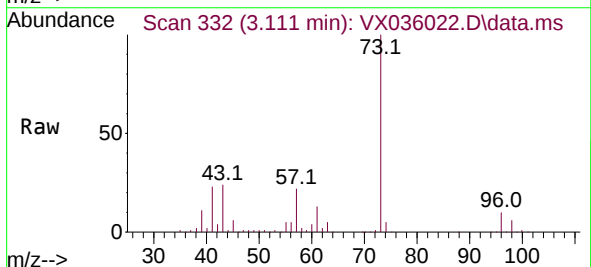
Instrument :
MSVOA_X
ClientSampleId :
VSTD100641

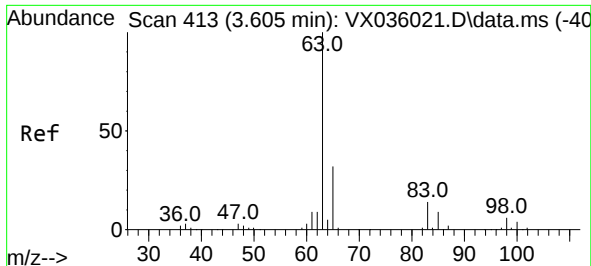
Tgt Ion: 96 Resp: 281021
Ion Ratio Lower Upper
96 100
61 148.9 100.7 187.1
98 63.4 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 134.967 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

Tgt Ion: 73 Resp: 1015879
Ion Ratio Lower Upper
73 100
43 24.0 19.4 29.0
57 21.9 17.5 26.3

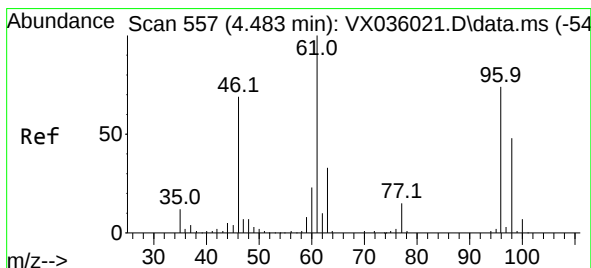
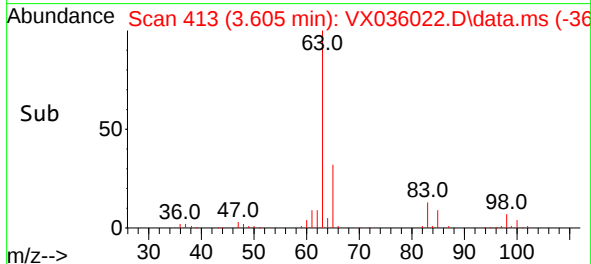
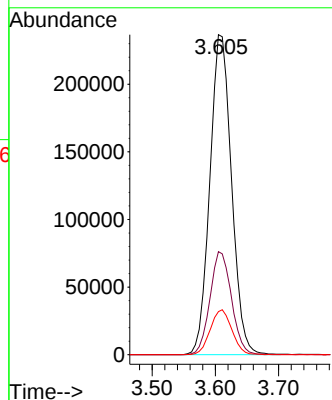
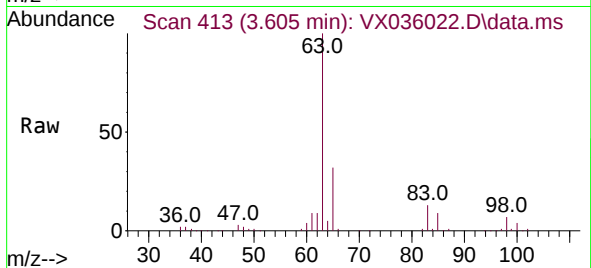




#19
1,1-Dichloroethane
Concen: 133.701 ug/L
RT: 3.605 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

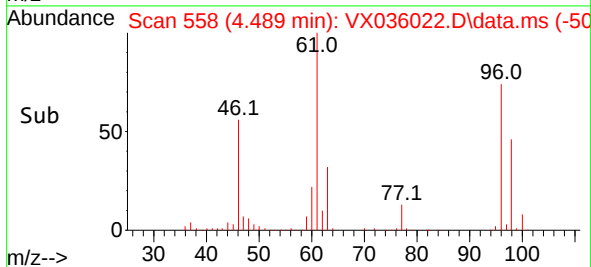
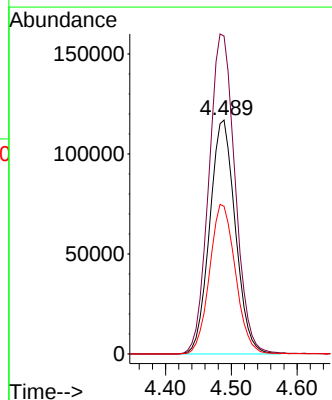
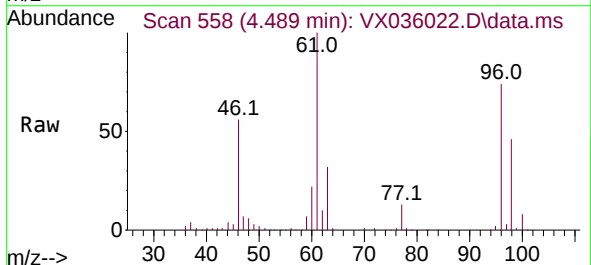
Instrument :
MSVOA_X
ClientSampleId :
VSTD100641

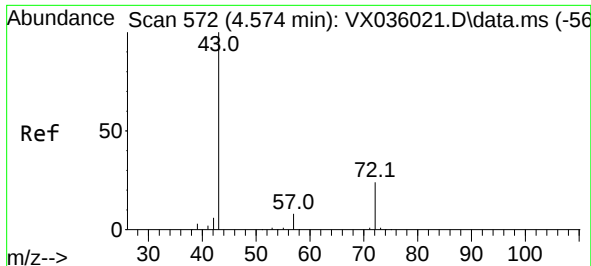
Tgt Ion: 63 Resp: 562686
Ion Ratio Lower Upper
63 100
65 32.2 22.6 42.0
83 13.5 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 127.044 ug/L
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

Tgt Ion: 96 Resp: 318460
Ion Ratio Lower Upper
96 100
61 135.9 94.7 175.9
98 63.1 45.4 84.4

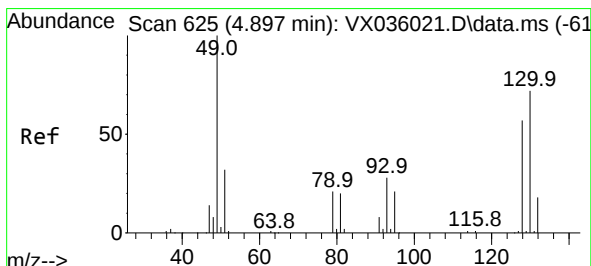
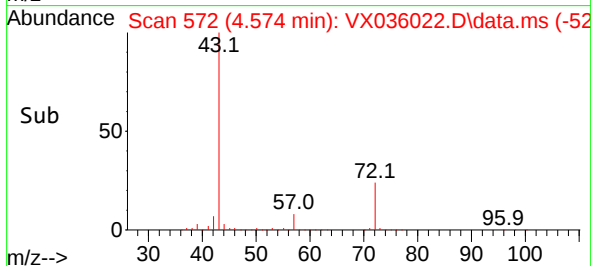
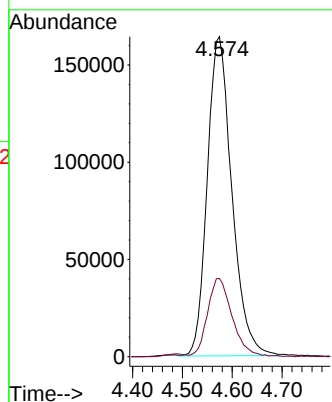
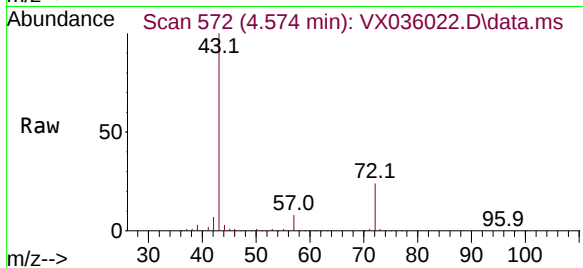




#22
2-Butanone
Concen: 312.795 ug/L
RT: 4.574 min Scan# 512
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

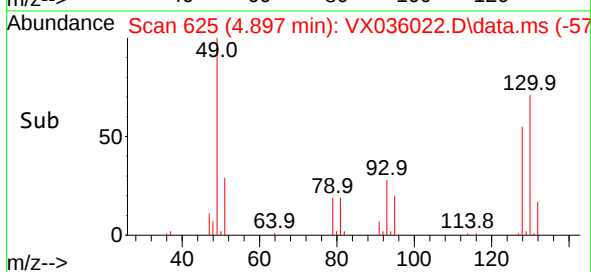
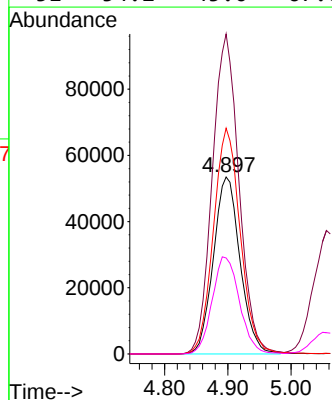
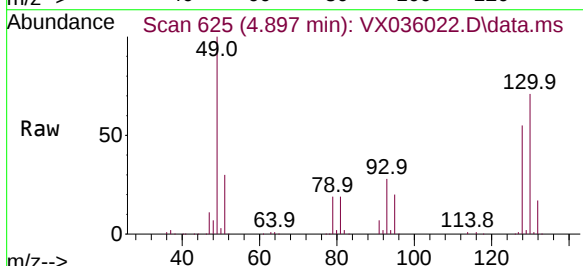
Instrument :
MSVOA_X
ClientSampleId :
VSTD100641

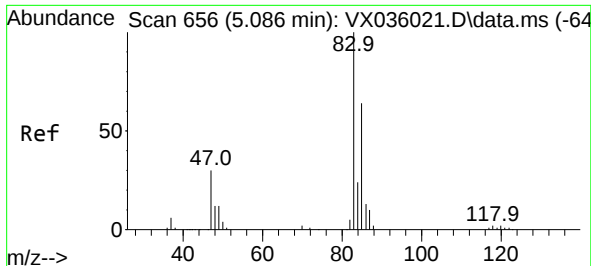
Tgt Ion: 43 Resp: 562749
Ion Ratio Lower Upper
43 100
72 24.3 12.0 36.1



#23
Bromochloromethane
Concen: 126.698 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

Tgt Ion: 128 Resp: 156675
Ion Ratio Lower Upper
128 100
49 180.8 123.9 230.1
130 127.5 88.3 164.1
51 54.2 45.0 67.6

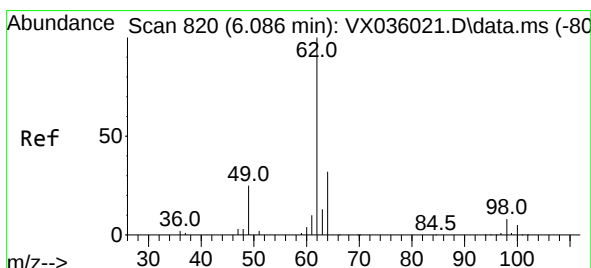
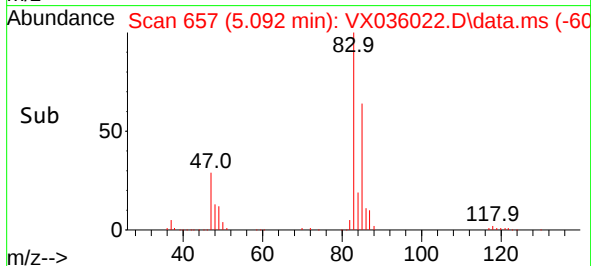
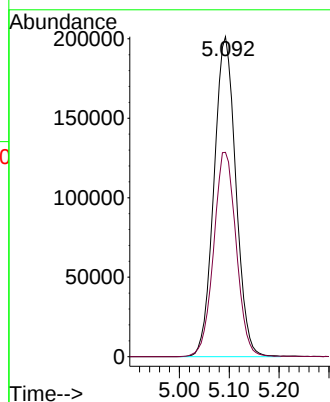
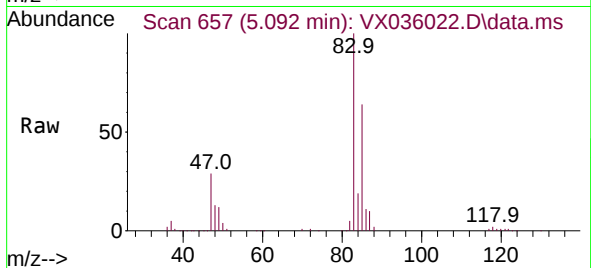




#25
Chloroform
Concen: 140.982 ug/L
RT: 5.092 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

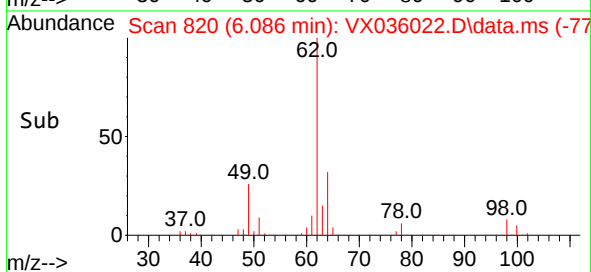
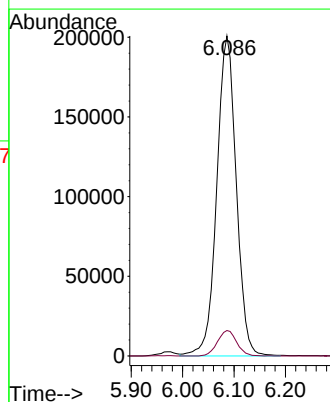
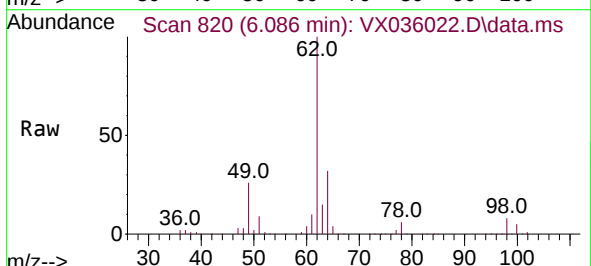
Instrument :
MSVOA_X
ClientSampleId :
VSTD100641

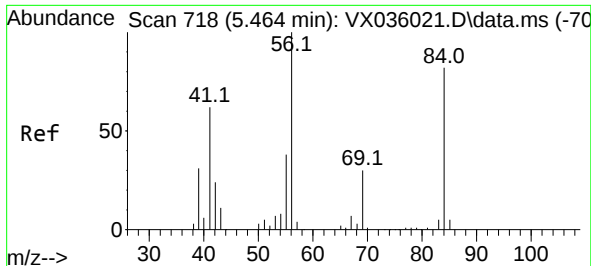
Tgt Ion: 83 Resp: 612481
Ion Ratio Lower Upper
83 100
85 63.9 45.0 83.6



#27
1,2-Dichloroethane
Concen: 149.393 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

Tgt Ion: 62 Resp: 528887
Ion Ratio Lower Upper
62 100
98 7.9 6.4 9.6

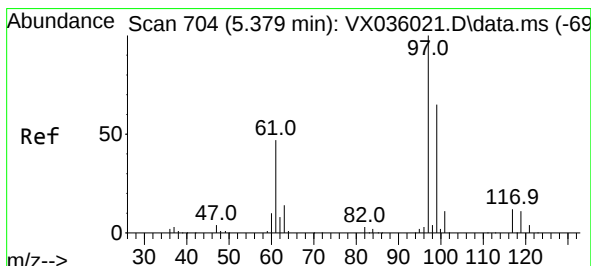
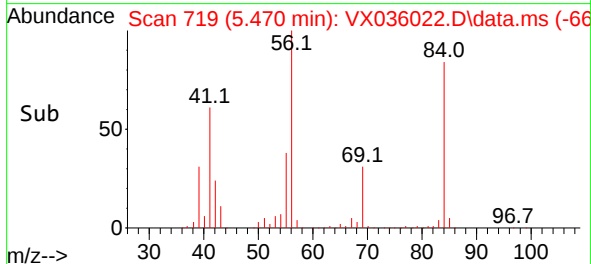
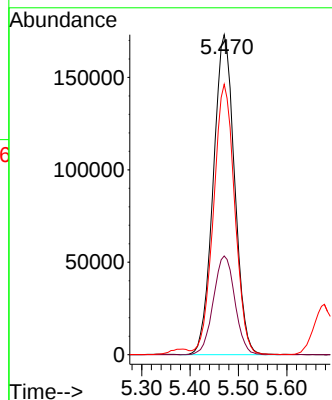
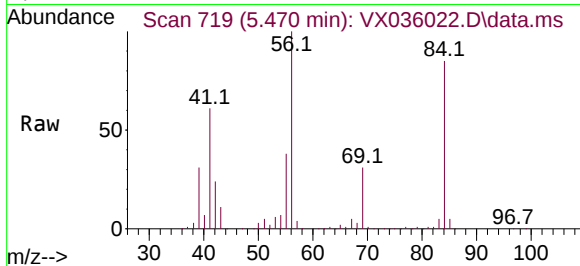




#29
Cyclohexane
Concen: 131.417 ug/L
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

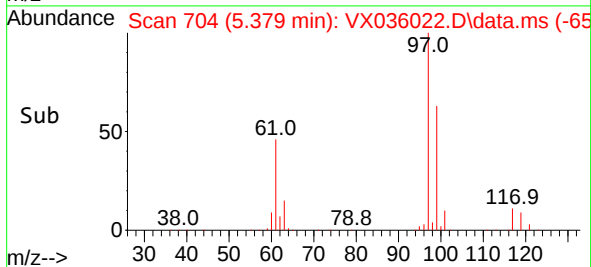
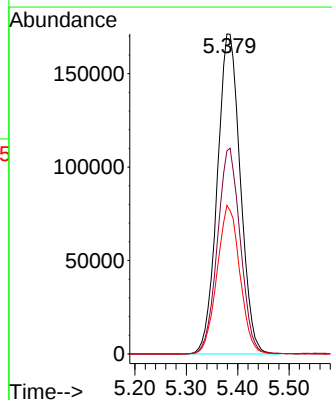
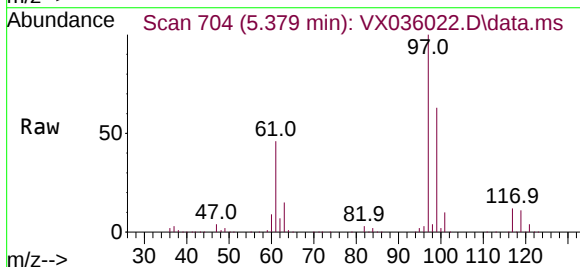
Instrument :
MSVOA_X
ClientSampleId :
VSTD100641

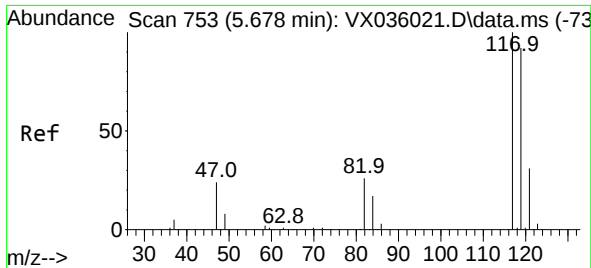
Tgt Ion: 56 Resp: 528979
Ion Ratio Lower Upper
56 100
69 31.2 24.3 36.5
84 84.3 68.4 102.6



#30
1,1,1-Trichloroethane
Concen: 135.468 ug/L
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

Tgt Ion: 97 Resp: 532028
Ion Ratio Lower Upper
97 100
99 63.8 51.9 77.9
61 46.0 38.0 57.0

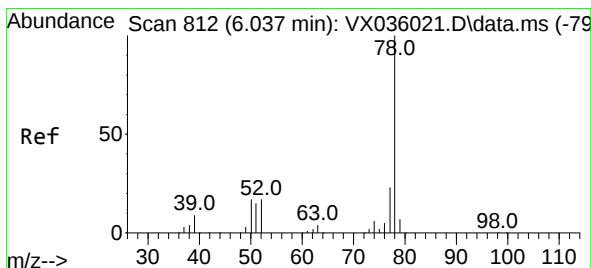
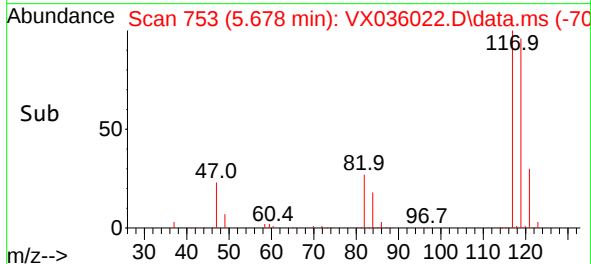
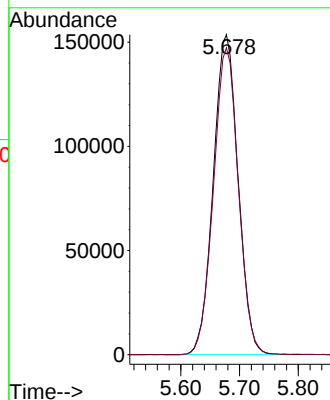
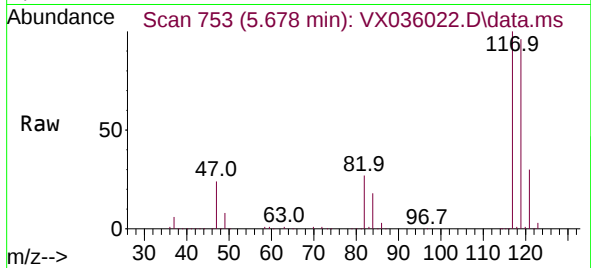




#31
Carbon tetrachloride
Concen: 135.875 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

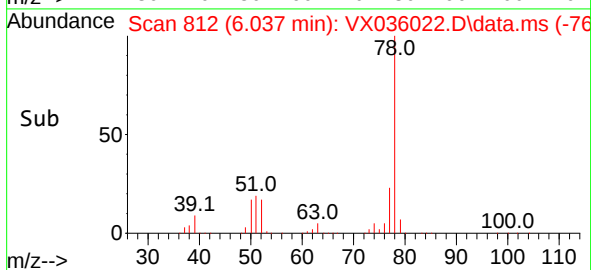
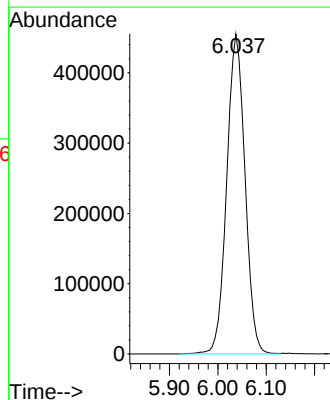
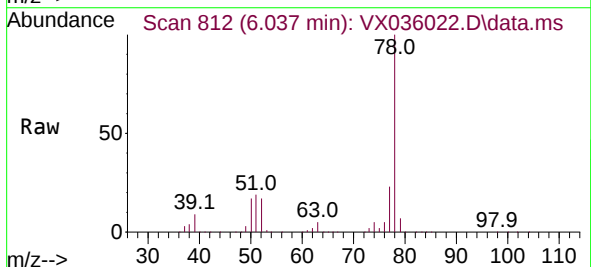
Instrument :
MSVOA_X
ClientSampleId :
VSTD100641

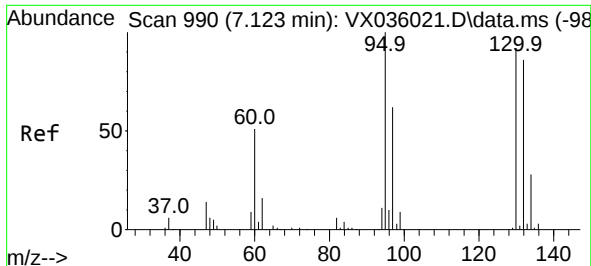
Tgt Ion:117 Resp: 451149
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 119.668 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

Tgt Ion: 78 Resp: 1195508

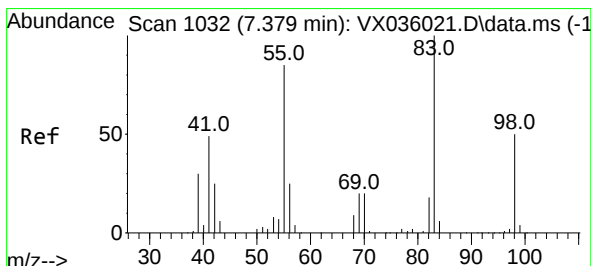
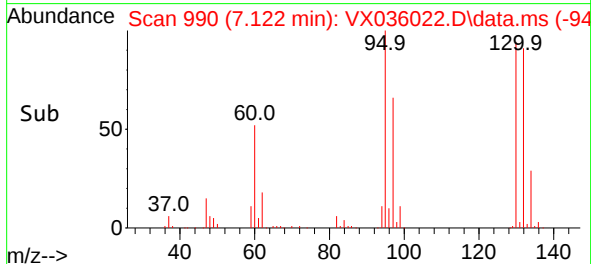
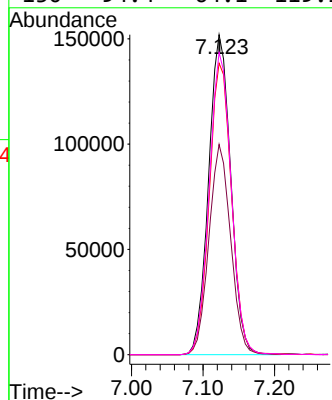
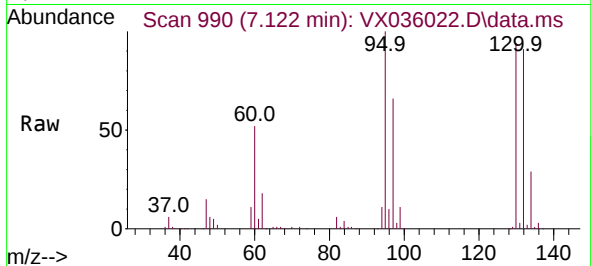




#34
Trichloroethene
Concen: 122.588 ug/L
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

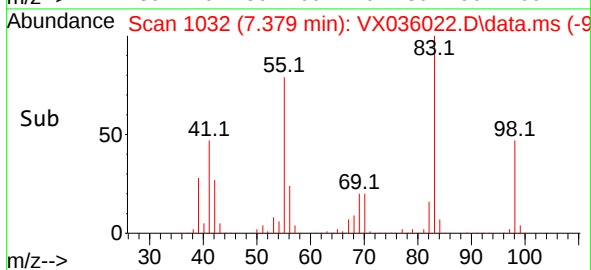
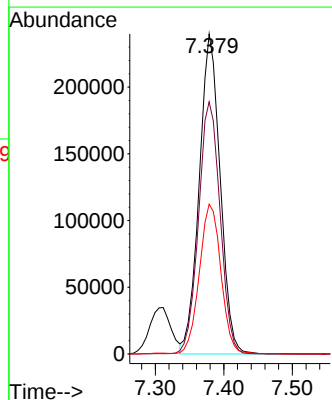
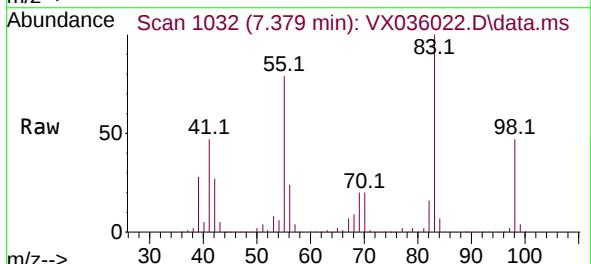
Instrument :
MSVOA_X
ClientSampleId :
VSTD100641

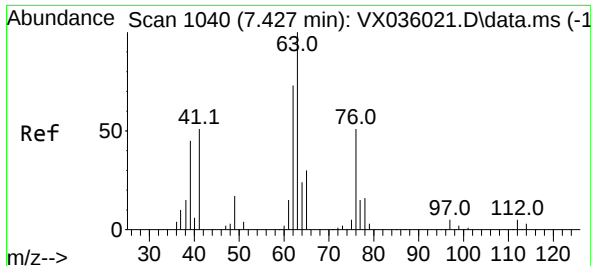
Tgt Ion: 95 Resp: 327390
Ion Ratio Lower Upper
95 100
97 65.7 43.6 81.0
132 91.1 59.9 111.3
130 94.4 64.1 119.1



#35
Methylcyclohexane
Concen: 139.121 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

Tgt Ion: 83 Resp: 509634
Ion Ratio Lower Upper
83 100
55 81.2 65.4 98.2
98 48.4 39.0 58.6





#37

1,2-Dichloropropane

Concen: 121.301 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX036022.D

Acq: 06 Jun 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

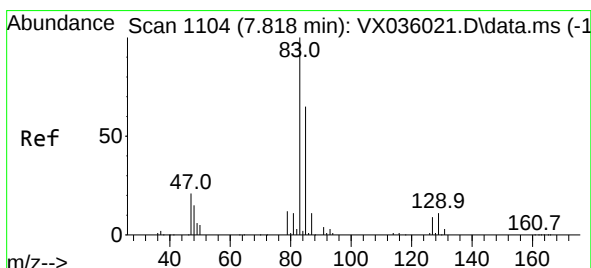
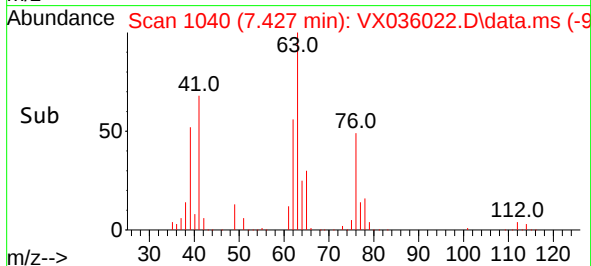
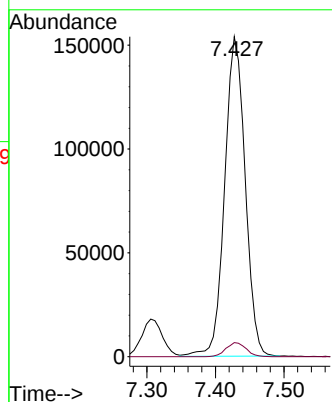
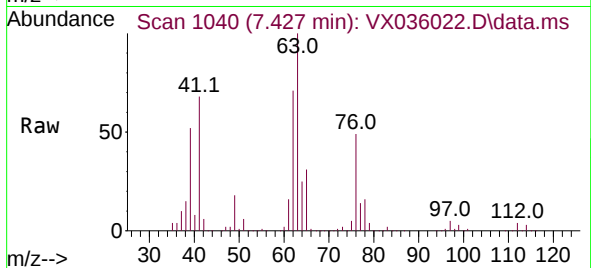
VSTD100641

Tgt Ion: 63 Resp: 319797

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 136.881 ug/L

RT: 7.817 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX036022.D

Acq: 06 Jun 2023 10:35

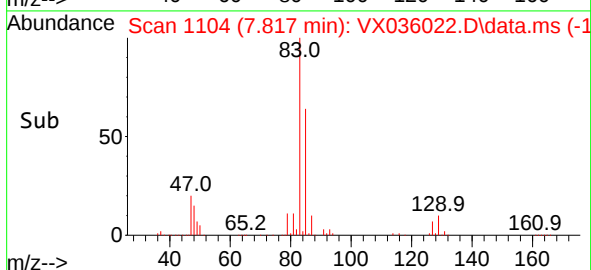
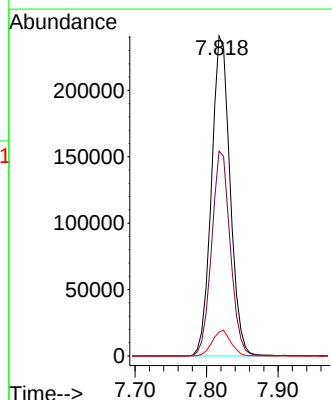
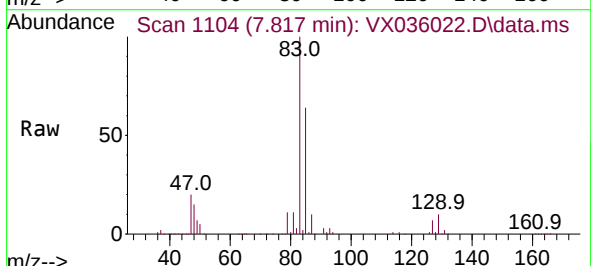
Tgt Ion: 83 Resp: 435677

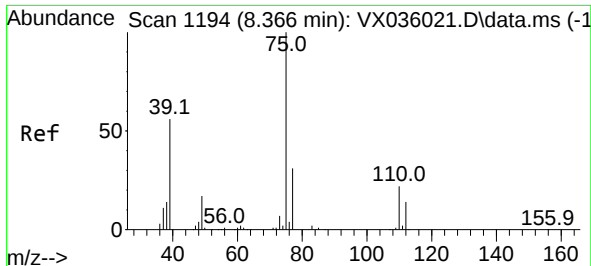
Ion Ratio Lower Upper

83 100

85 64.0 45.3 84.1

127 7.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 136.467 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036022.D

Acq: 06 Jun 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

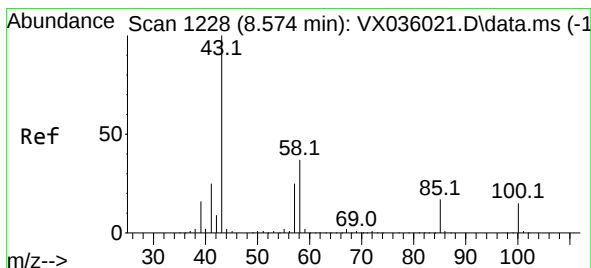
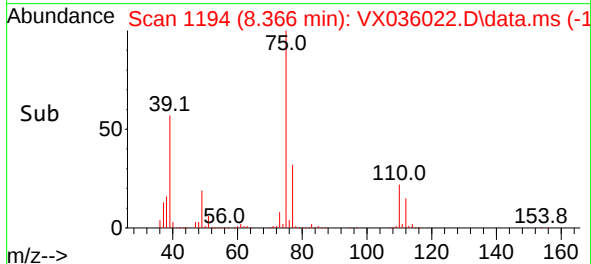
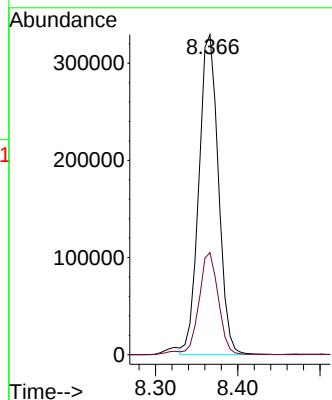
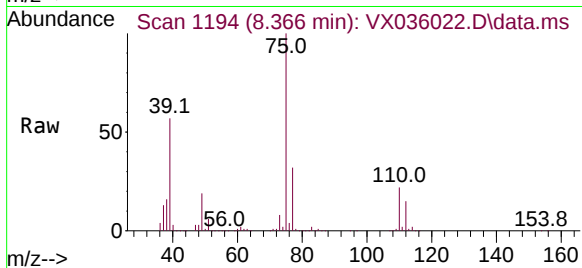
VSTD100641

Tgt Ion: 75 Resp: 541279

Ion Ratio Lower Upper

75 100

77 31.9 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 279.066 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX036022.D

Acq: 06 Jun 2023 10:35

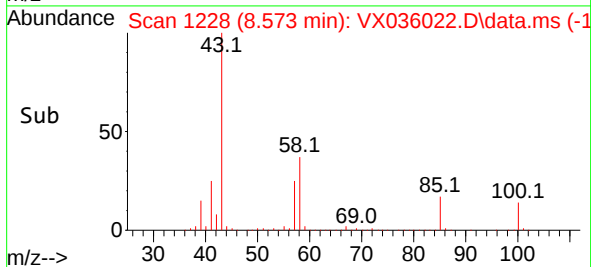
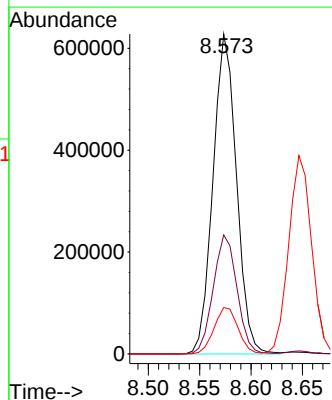
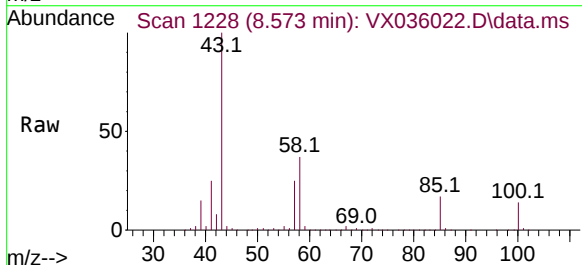
Tgt Ion: 43 Resp: 997786

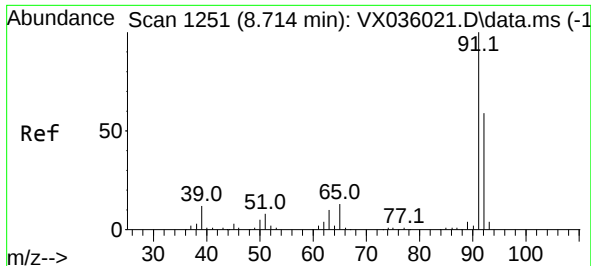
Ion Ratio Lower Upper

43 100

58 37.6 29.4 44.2

100 14.9 11.8 17.6





#42

Toluene

Concen: 123.060 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX036022.D

Acq: 06 Jun 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

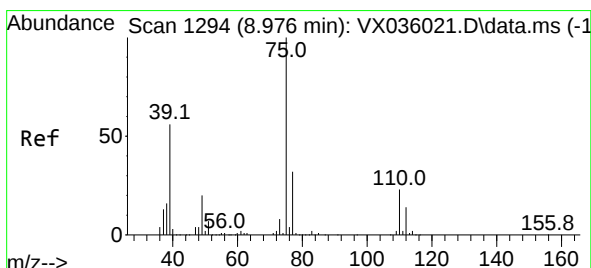
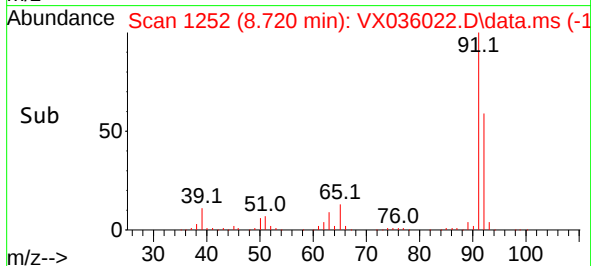
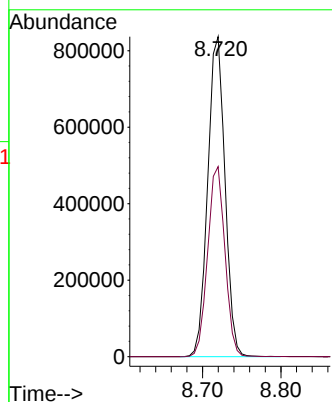
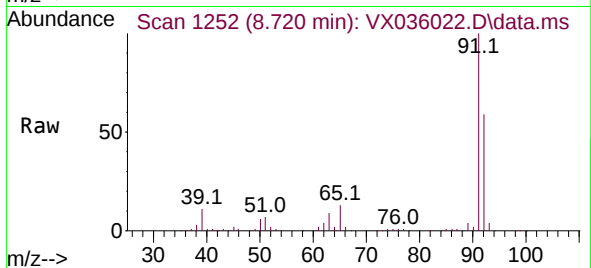
VSTD100641

Tgt Ion: 91 Resp: 1279102

Ion Ratio Lower Upper

91 100

92 59.4 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 142.503 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX036022.D

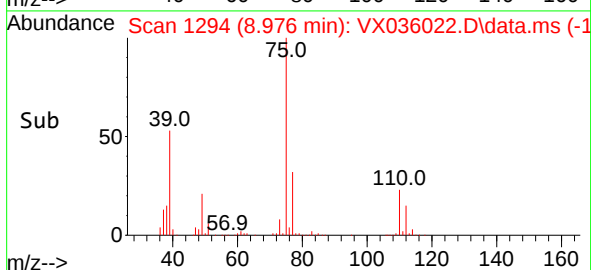
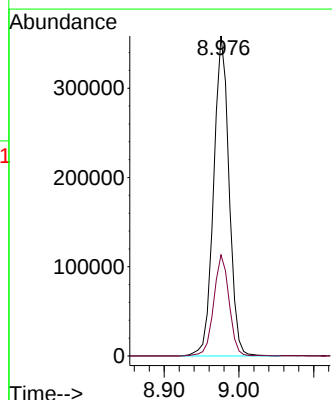
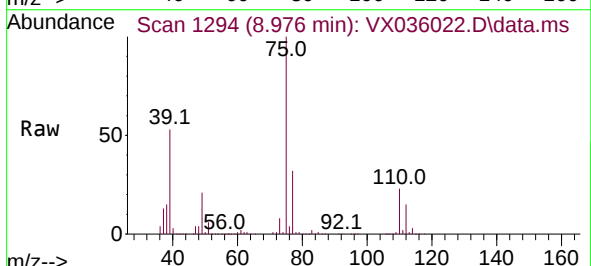
Acq: 06 Jun 2023 10:35

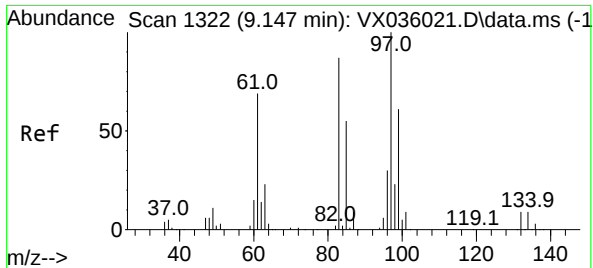
Tgt Ion: 75 Resp: 515840

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0

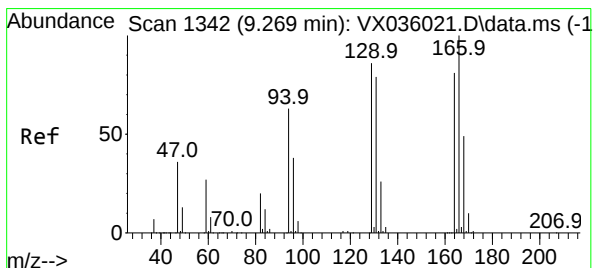
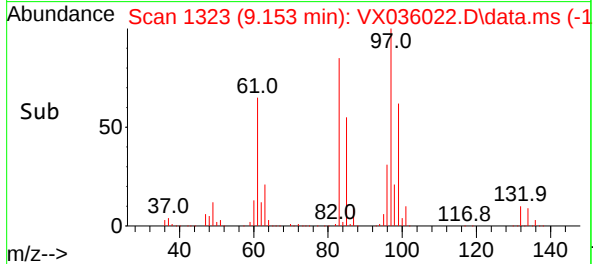
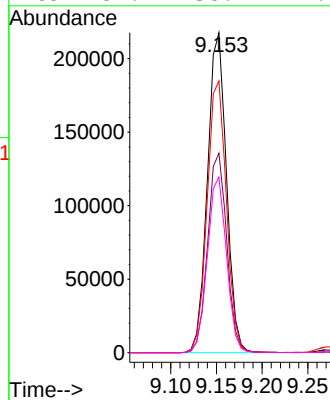
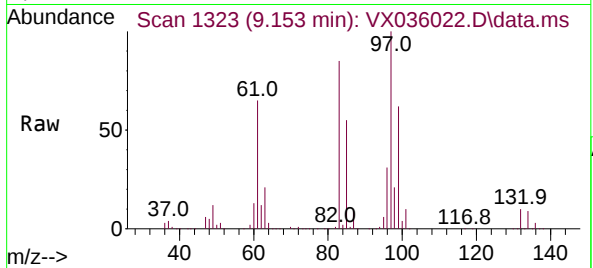




#45
1,1,2-Trichloroethane
Concen: 124.474 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

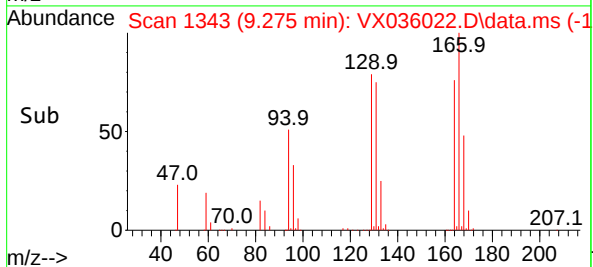
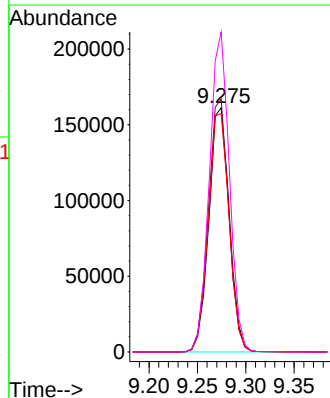
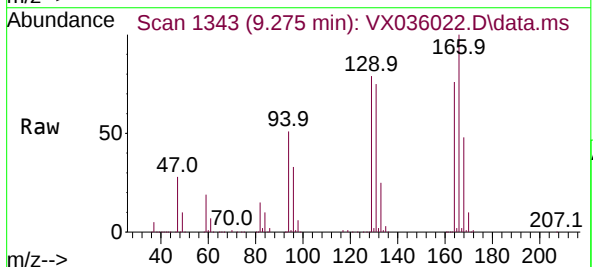
Instrument :
MSVOA_X
ClientSampleId :
VSTD100641

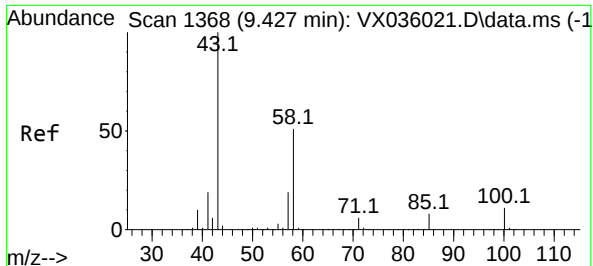
Tgt Ion: 97 Resp: 313404
Ion Ratio Lower Upper
97 100
99 62.4 42.9 79.7
83 84.9 61.0 113.2
85 54.9 38.7 71.9



#46
Tetrachloroethene
Concen: 121.957 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

Tgt Ion: 164 Resp: 237457
Ion Ratio Lower Upper
164 100
129 103.6 74.8 139.0
131 97.6 68.9 127.9
166 131.0 86.8 161.2



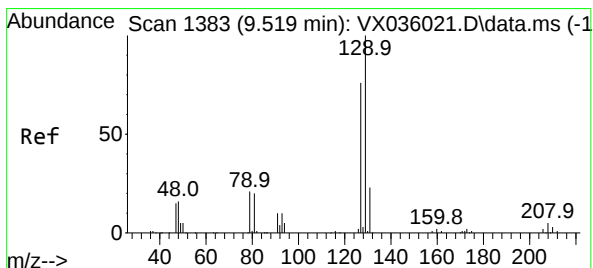
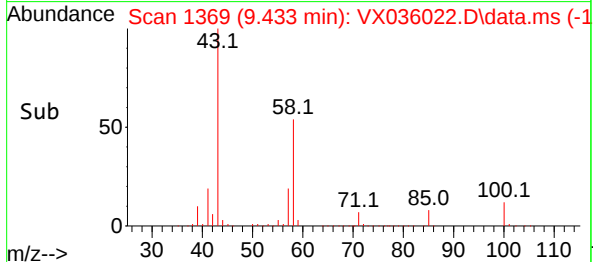
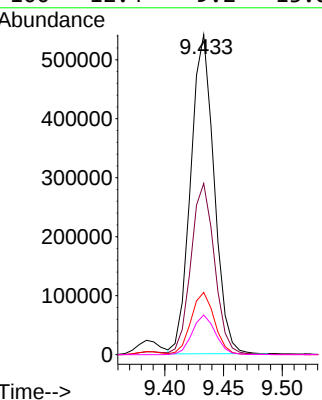
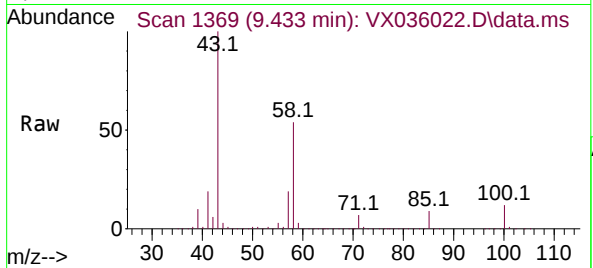


#48
2-Hexanone
Concen: 275.049 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTD100641

Tgt Ion: 43 Resp: 749808

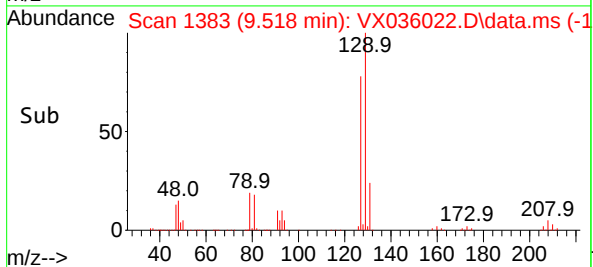
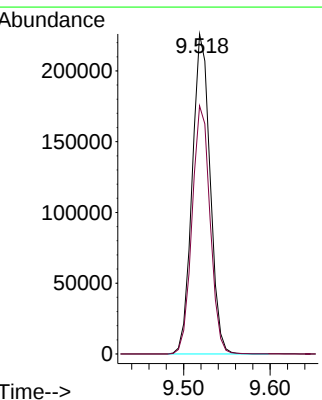
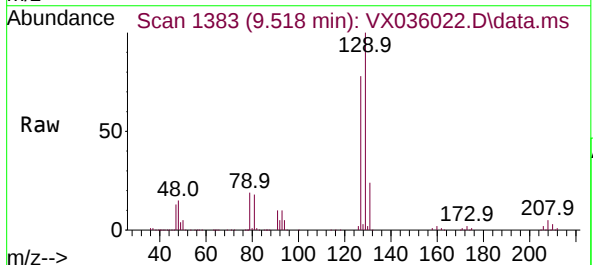
Ion	Ratio	Lower	Upper
43	100		
58	54.2	41.0	61.6
57	19.6	15.2	22.8
100	12.4	9.2	13.8

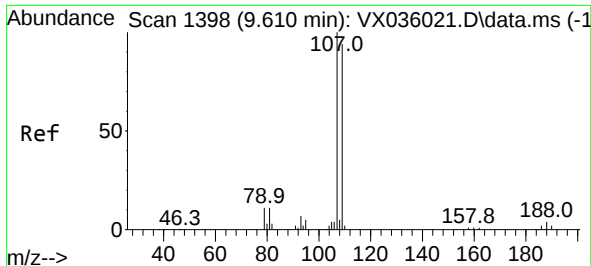


#49
Dibromochloromethane
Concen: 135.817 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

Tgt Ion: 129 Resp: 324419

Ion	Ratio	Lower	Upper
129	100		
127	77.6	53.3	98.9

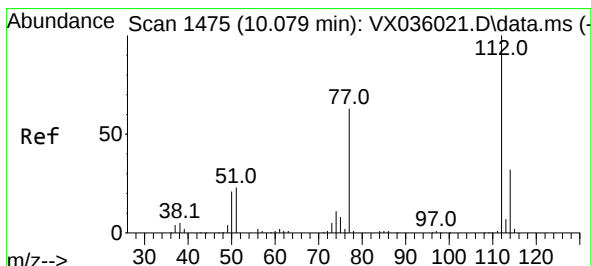
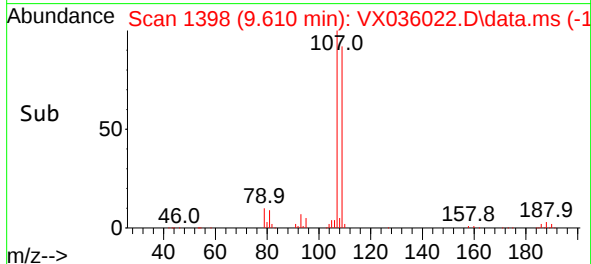
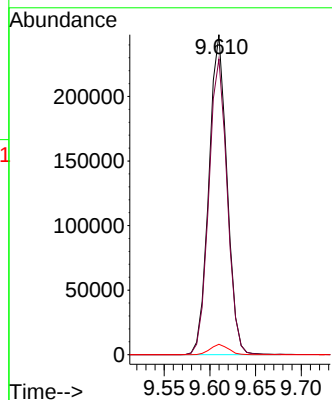
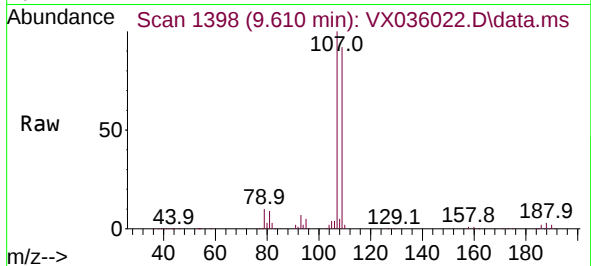




#50
1,2-Dibromoethane
Concen: 130.256 ug/L
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

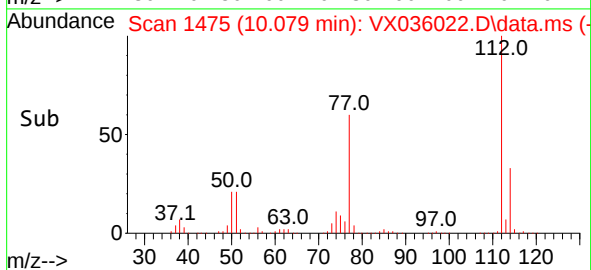
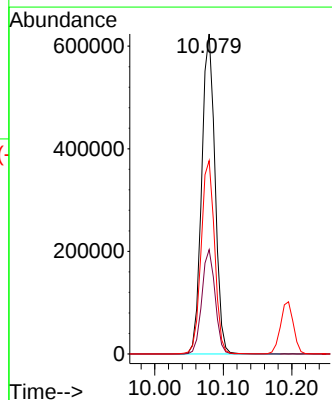
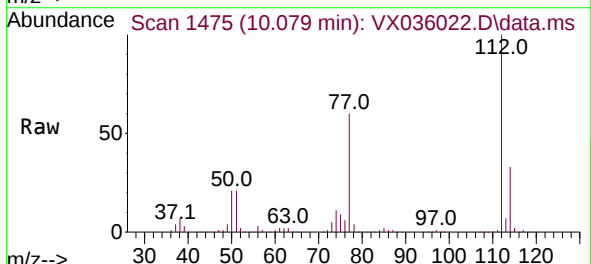
Instrument :
MSVOA_X
ClientSampleId :
VSTD100641

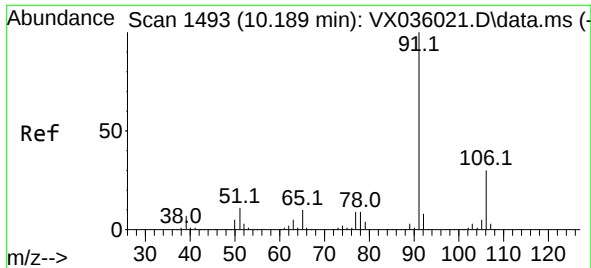
Tgt Ion:107 Resp: 341611
Ion Ratio Lower Upper
107 100
109 92.4 66.1 122.8
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 123.586 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

Tgt Ion:112 Resp: 843744
Ion Ratio Lower Upper
112 100
114 32.6 22.7 42.3
77 60.4 50.6 75.8





#52

Ethylbenzene

Concen: 128.744 ug/L

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX036022.D

Acq: 06 Jun 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

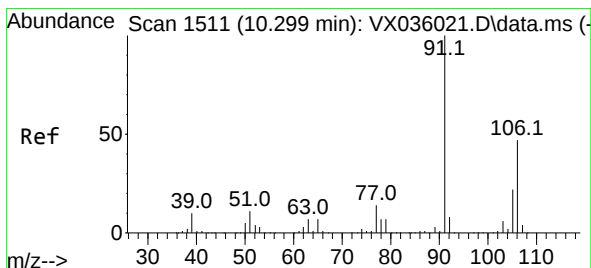
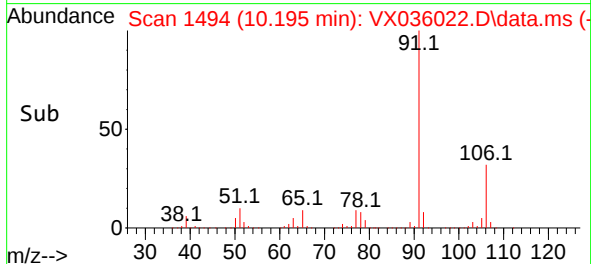
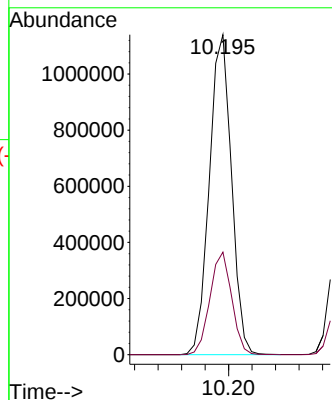
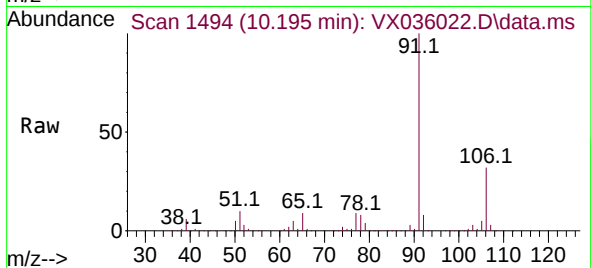
VSTD100641

Tgt Ion: 91 Resp: 1490965

Ion Ratio Lower Upper

91 100

106 32.1 20.8 38.6



#53

m,p-Xylene

Concen: 131.142 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX036022.D

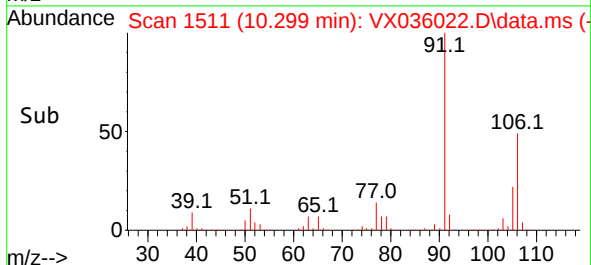
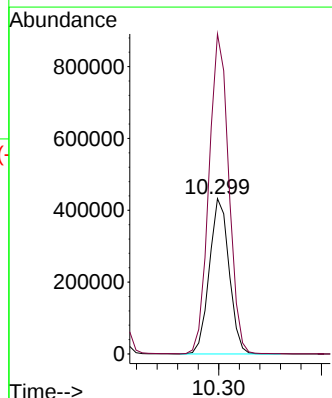
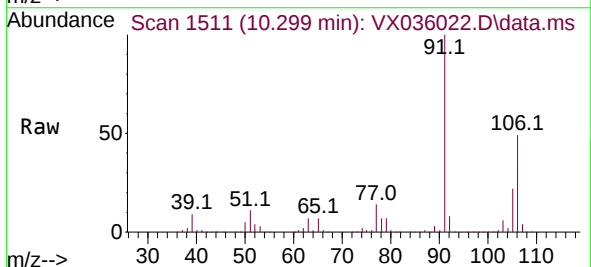
Acq: 06 Jun 2023 10:35

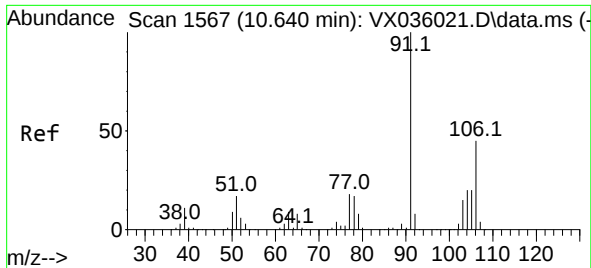
Tgt Ion:106 Resp: 577914

Ion Ratio Lower Upper

106 100

91 205.9 149.8 278.2

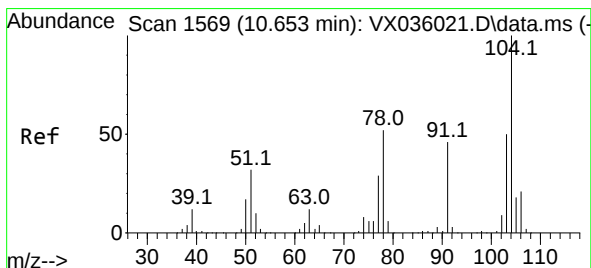
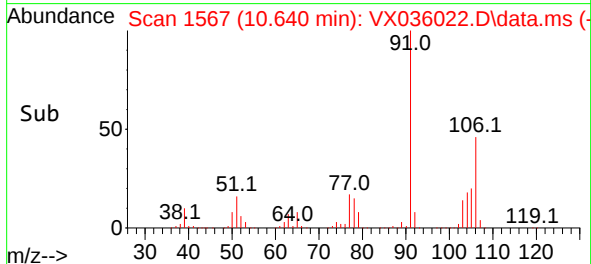
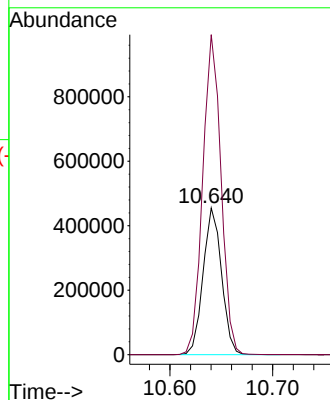
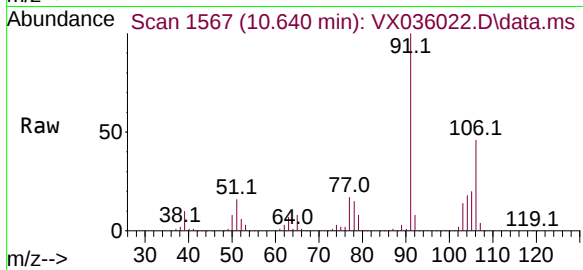




#54
o-Xylene
Concen: 131.119 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

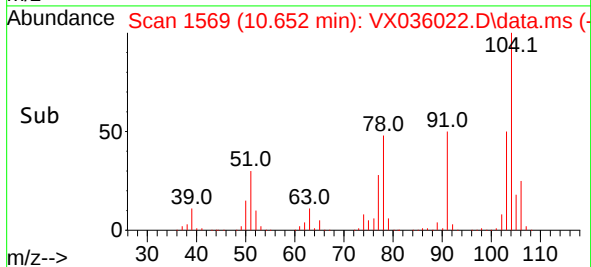
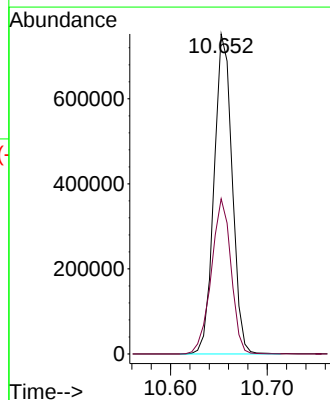
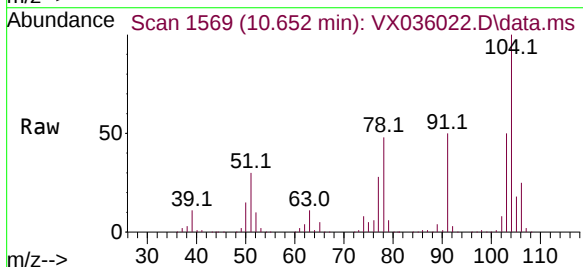
Instrument :
MSVOA_X
ClientSampleId :
VSTD100641

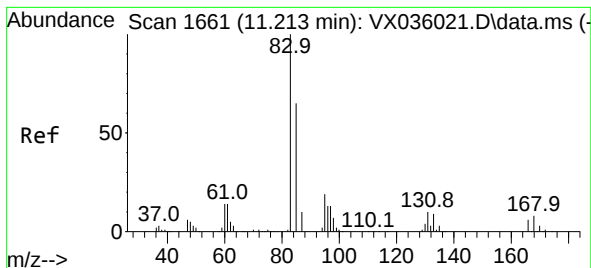
Tgt Ion:106 Resp: 568798
Ion Ratio Lower Upper
106 100
91 218.0 156.9 291.5



#55
Styrene
Concen: 132.869 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

Tgt Ion:104 Resp: 976670
Ion Ratio Lower Upper
104 100
78 48.5 36.1 67.1

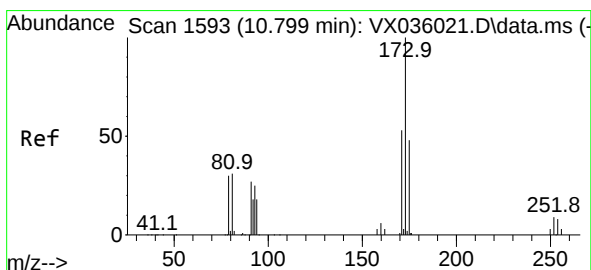
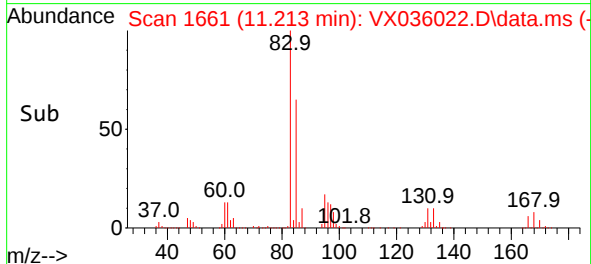
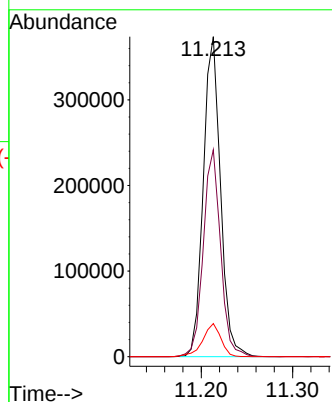
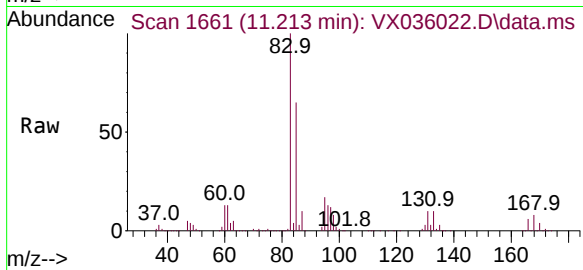




#57
1,1,2,2-Tetrachloroethane
Concen: 129.754 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

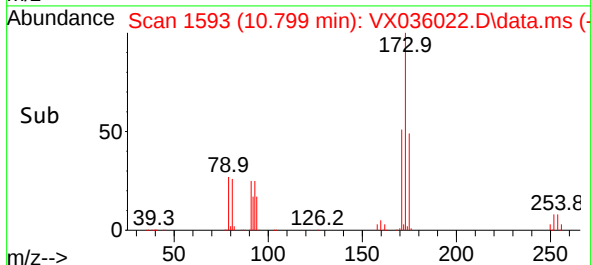
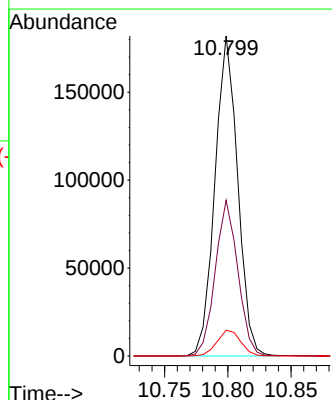
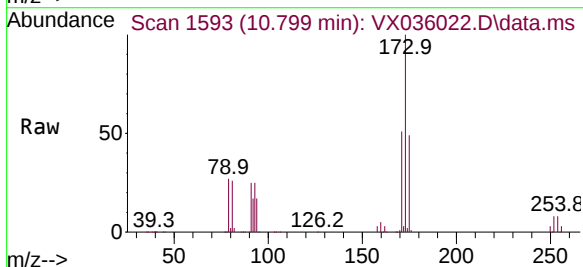
Instrument :
MSVOA_X
ClientSampleId :
VSTD100641

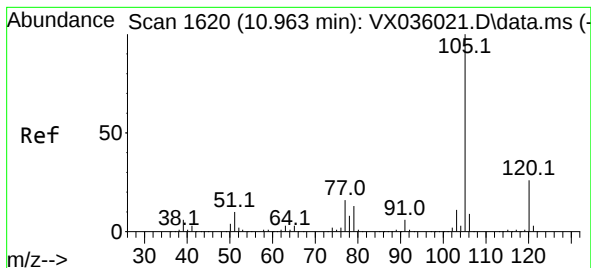
Tgt Ion: 83 Resp: 486873
Ion Ratio Lower Upper
83 100
85 64.7 45.6 84.8
131 10.3 8.1 12.1



#59
Bromoform
Concen: 129.473 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

Tgt Ion: 173 Resp: 227201
Ion Ratio Lower Upper
173 100
175 48.4 38.2 57.2
254 8.4 6.6 10.0





#60

Isopropylbenzene

Concen: 125.820 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036022.D

Acq: 06 Jun 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTD100641

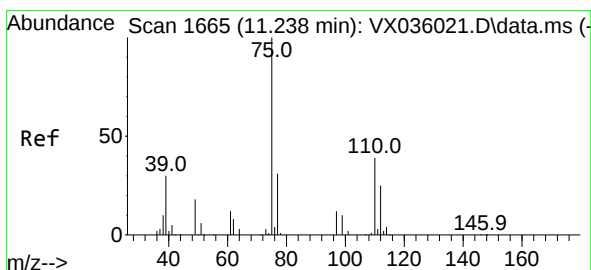
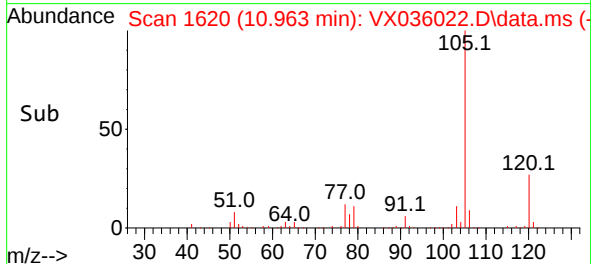
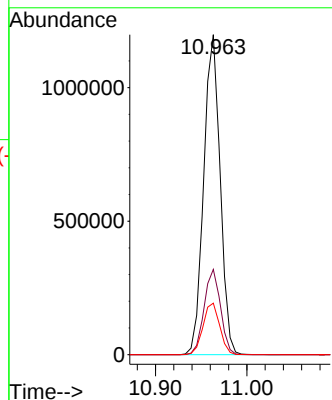
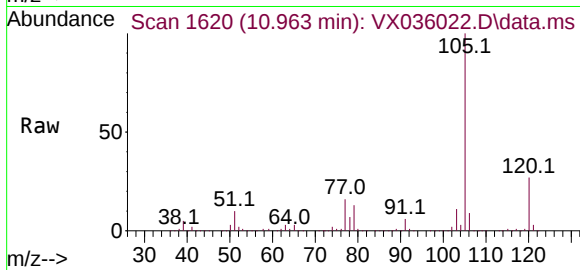
Tgt Ion:105 Resp: 1490787

Ion Ratio Lower Upper

105 100

120 26.6 20.9 31.3

77 16.4 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 121.371 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX036022.D

Acq: 06 Jun 2023 10:35

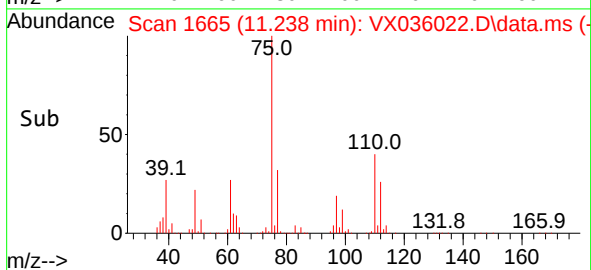
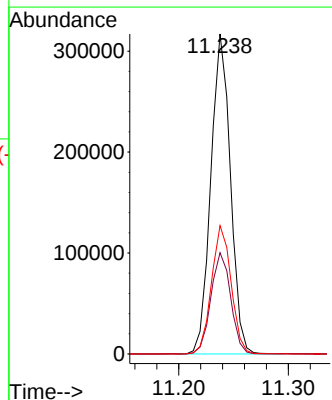
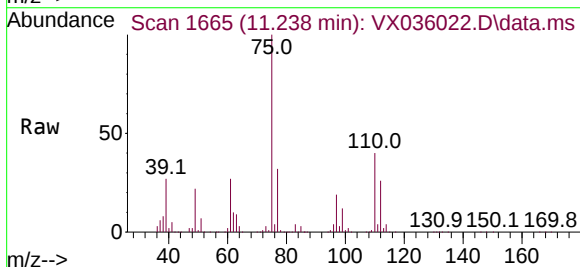
Tgt Ion: 75 Resp: 393267

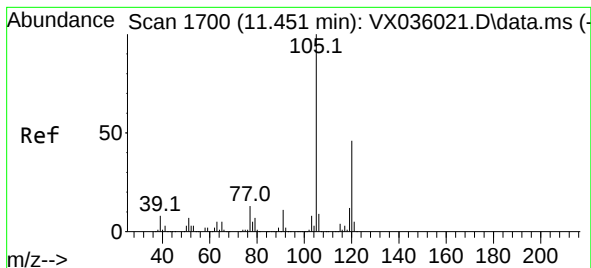
Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8

110 40.2 31.8 47.6

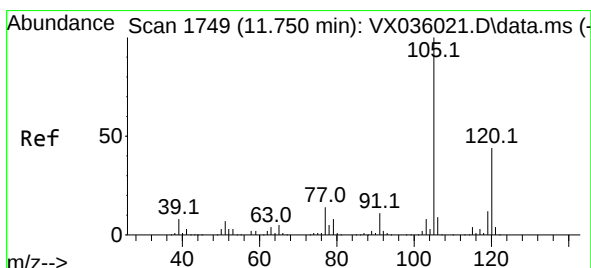
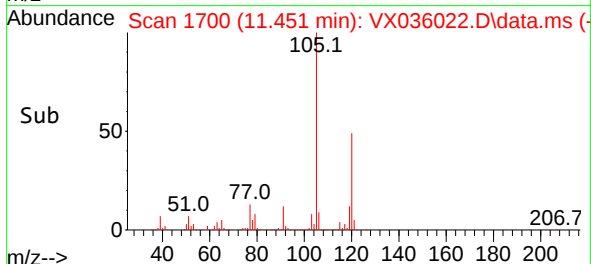
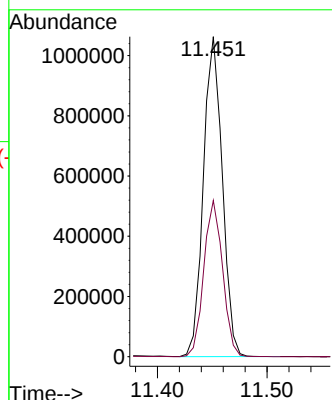
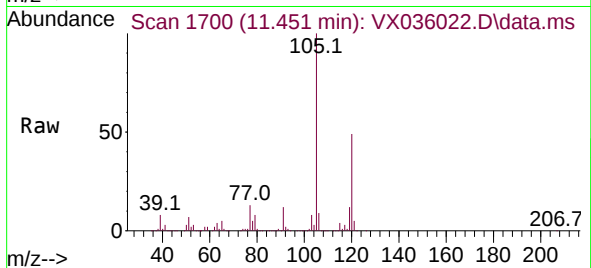




#62
1,3,5-Trimethylbenzene
Concen: 130.327 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

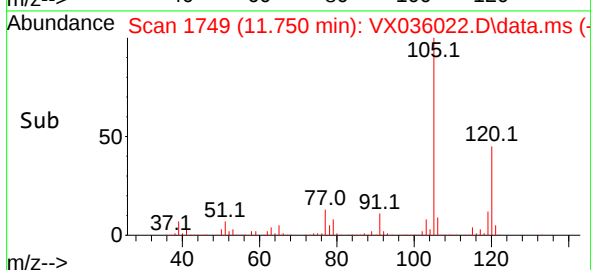
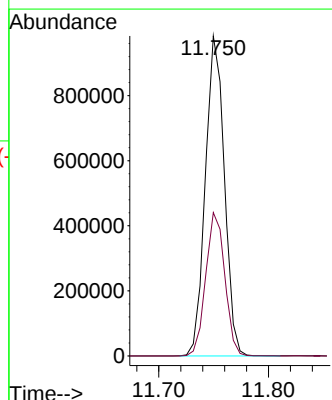
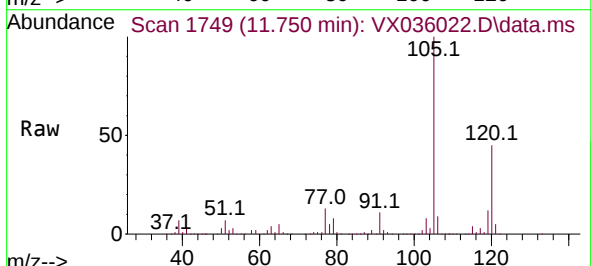
Instrument :
MSVOA_X
ClientSampleId :
VSTD100641

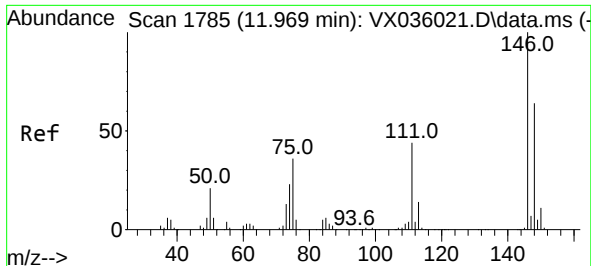
Tgt Ion:105 Resp: 1272219
Ion Ratio Lower Upper
105 100
120 48.4 37.0 55.4



#63
1,2,4-Trimethylbenzene
Concen: 124.270 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

Tgt Ion:105 Resp: 1183097
Ion Ratio Lower Upper
105 100
120 44.9 35.0 52.6

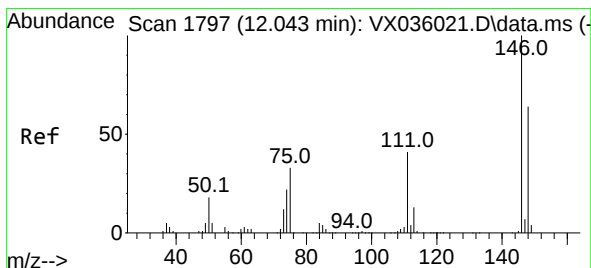
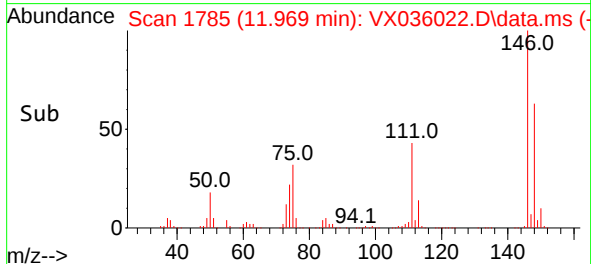
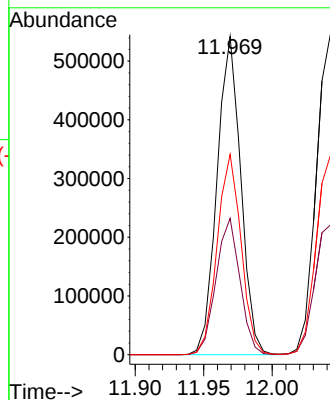
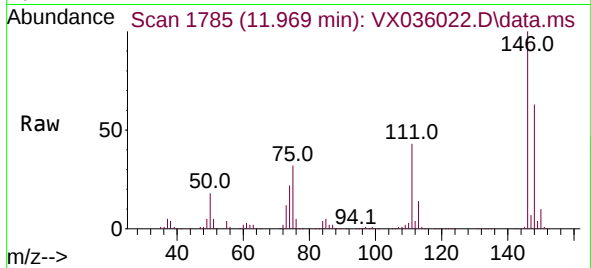




#64
1,3-Dichlorobenzene
Concen: 122.285 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

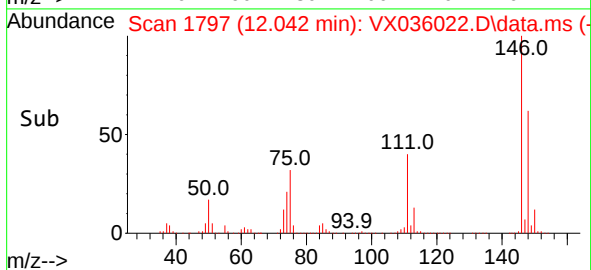
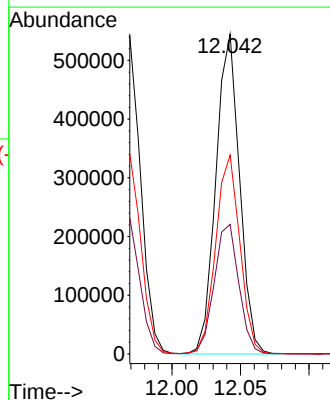
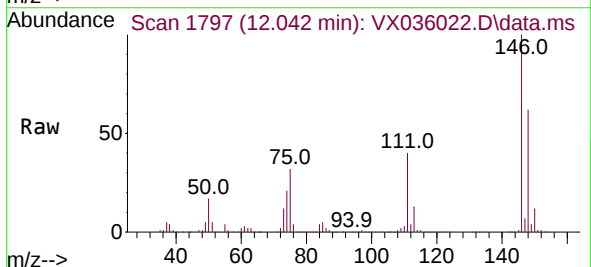
Instrument :
MSVOA_X
ClientSampleId :
VSTD100641

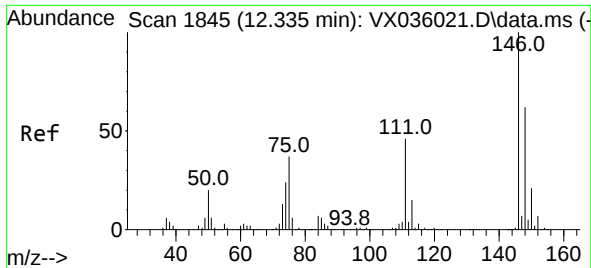
Tgt Ion:146 Resp: 653635
Ion Ratio Lower Upper
146 100
111 42.8 30.9 57.3
148 62.9 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 119.815 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX036022.D
Acq: 06 Jun 2023 10:35

Tgt Ion:146 Resp: 655364
Ion Ratio Lower Upper
146 100
111 40.5 28.8 53.4
148 62.1 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 114.183 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX036022.D

Acq: 06 Jun 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTD100641

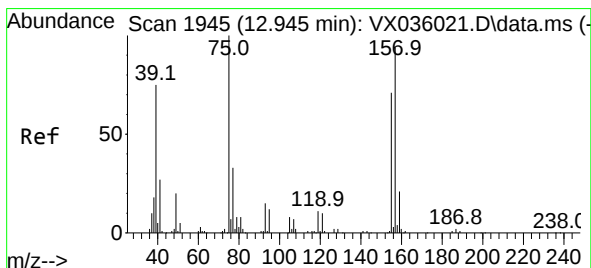
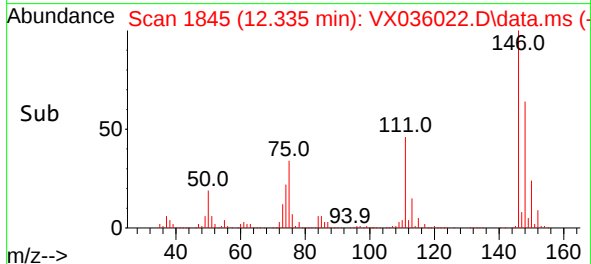
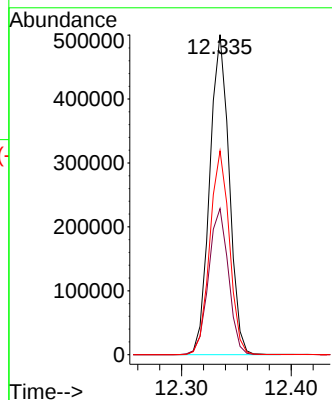
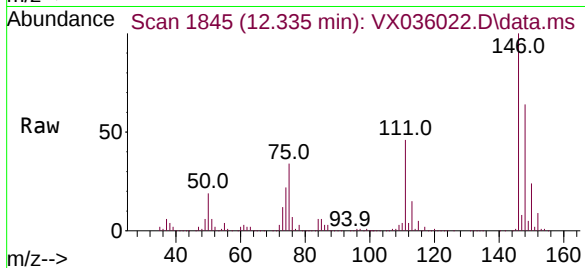
Tgt Ion:146 Resp: 617103

Ion Ratio Lower Upper

146 100

111 45.7 37.0 55.4

148 63.7 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 136.764 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX036022.D

Acq: 06 Jun 2023 10:35

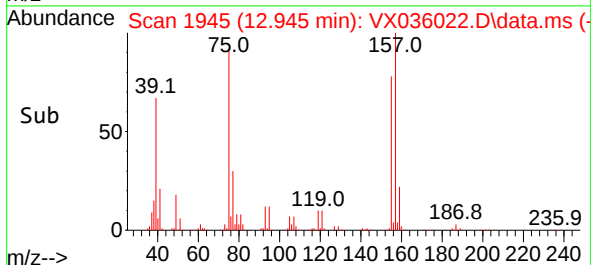
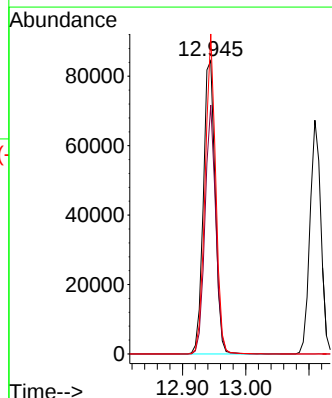
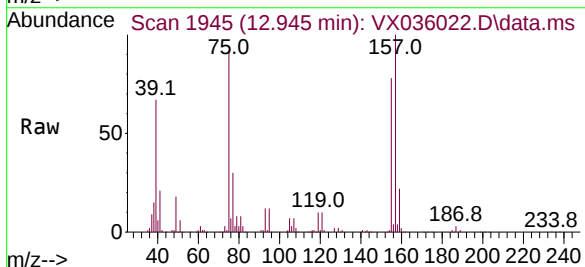
Tgt Ion: 75 Resp: 109935

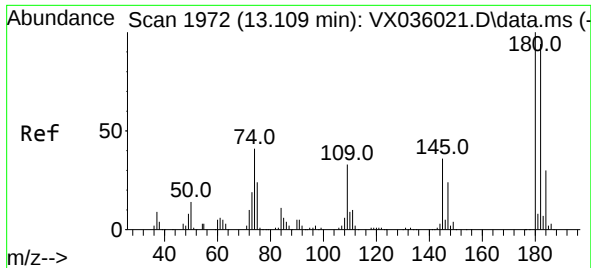
Ion Ratio Lower Upper

75 100

155 84.9 57.0 85.6

157 109.1 75.2 112.8

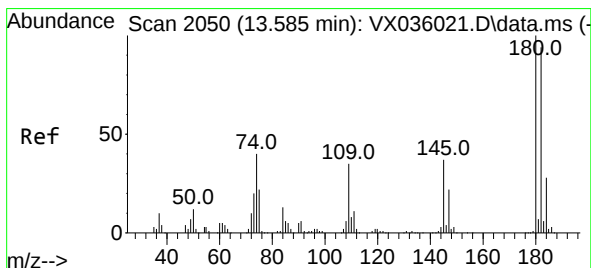
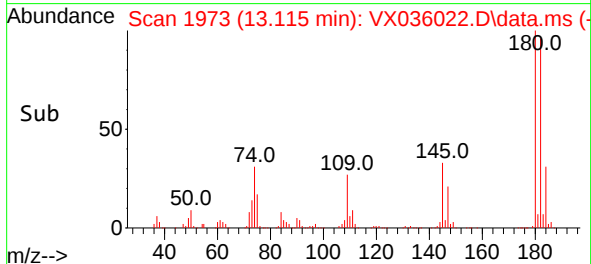
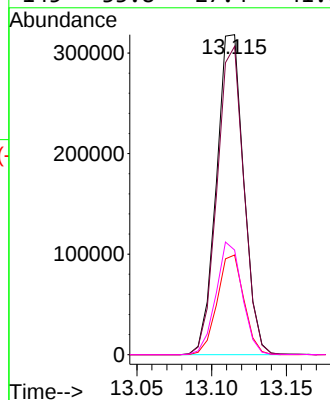
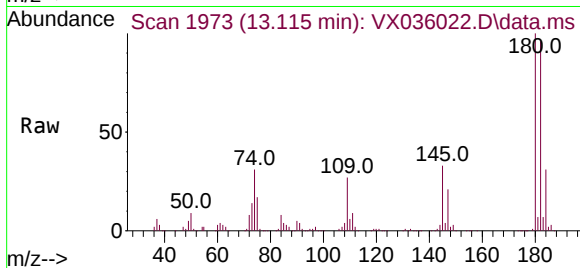




#69
 1,3,5-Trichlorobenzene
 Concen: 122.509 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. 0.006 min
 Lab File: VX036022.D
 Acq: 06 Jun 2023 10:35

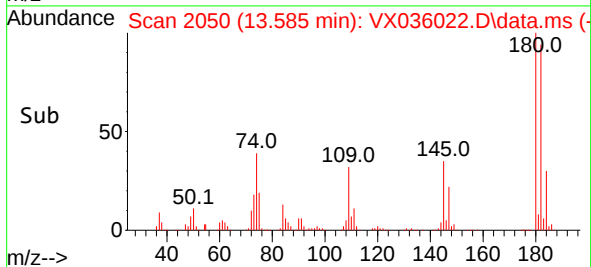
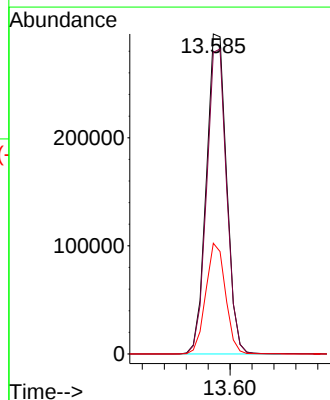
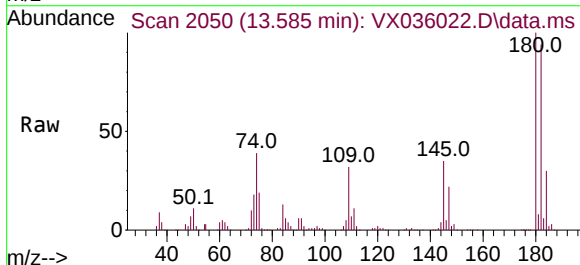
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100641

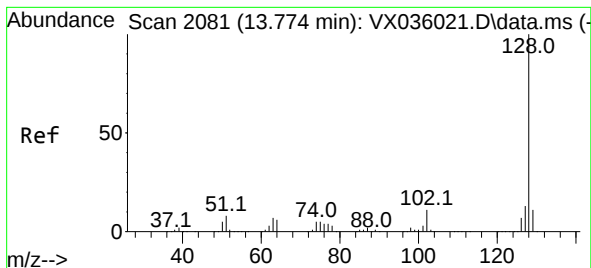
Tgt Ion:180 Resp: 404774
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.0 114.0
 184 30.4 23.8 35.8
 145 33.8 27.4 41.0



#70
 1,2,4-trichlorobenzene
 Concen: 122.725 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX036022.D
 Acq: 06 Jun 2023 10:35

Tgt Ion:180 Resp: 377573
 Ion Ratio Lower Upper
 180 100
 182 94.8 74.6 112.0
 145 33.8 28.6 42.8





#71

Naphthalene

Concen: 116.648 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036022.D

Acq: 06 Jun 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTD100641

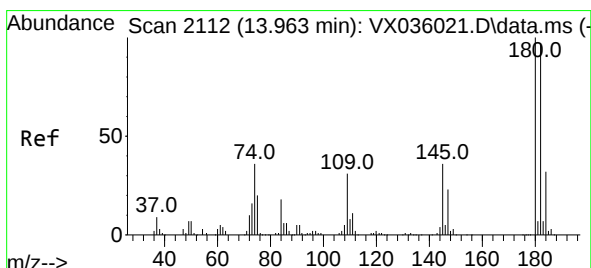
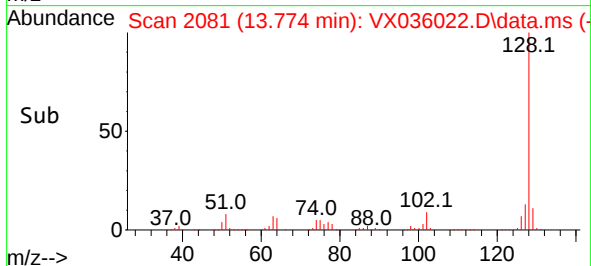
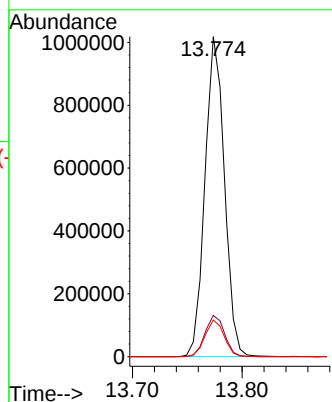
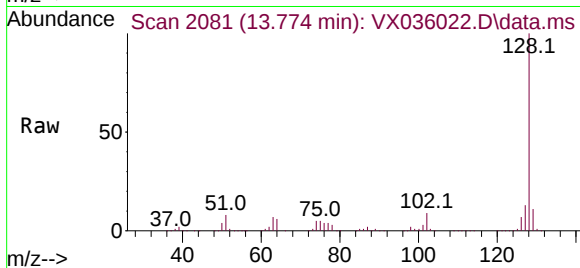
Tgt Ion:128 Resp: 1252651

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.3 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 122.062 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX036022.D

Acq: 06 Jun 2023 10:35

Tgt Ion:180 Resp: 369171

Ion Ratio Lower Upper

180 100

182 93.4 75.4 113.2

145 36.3 29.4 44.0

