

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036023.D
 Acq On : 06 Jun 2023 10:58
 Operator : JC/MD
 Sample : VSTD20042
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200642

Quant Time: Jun 07 05:18:31 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	6.763	114	335291	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	316513	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	158950	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	450866	207.713	ug/L	0.00
7) Chloroethane-d5	1.672	69	354150	222.013	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	229332	216.322	ug/L	0.00
21) 2-Butanone-d5	4.471	46	768063	506.630	ug/L	0.00
24) Chloroform-d	5.056	84	956622	228.067	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	663527	237.161	ug/L	0.00
32) Benzene-d6	5.976	84	1878423	205.817	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	597146	213.960	ug/L	0.00
41) Toluene-d8	8.647	98	1725252	206.905	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	323562	259.192	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	554648	483.097	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	776433	221.543	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	614149	201.358	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	547838	208.896	ug/L	99
3) Chloromethane	1.294	50	549213	229.525	ug/L	99
5) Vinyl chloride	1.374	62	513161	212.227	ug/L	99
6) Bromomethane	1.617	94	327019	228.629	ug/L	100
8) Chloroethane	1.691	64	310328	226.270	ug/L	100
9) Trichlorofluoromethane	1.886	101	644086	193.951	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	448666	199.660	ug/L	99
12) 1,1-Dichloroethene	2.318	96	414651	205.041	ug/L	93
13) Acetone	2.410	43	610370	499.339	ug/L	99
14) Carbon disulfide	2.514	76	1222850	238.844	ug/L	99
15) Methyl Acetate	2.709	43	587062	244.211	ug/L	98
16) Methylene chloride	2.788	84	491625	215.600	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	452330	215.062	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	1630041	222.324	ug/L	98
19) 1,1-Dichloroethane	3.605	63	893933	218.060	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	528859	216.591	ug/L	97
22) 2-Butanone	4.574	43	841317	480.072	ug/L	98
23) Bromochloromethane	4.897	128	263204	218.506	ug/L	96
25) Chloroform	5.092	83	957794	226.331	ug/L	99
27) 1,2-Dichloroethane	6.086	62	820243	237.854	ug/L	99
29) Cyclohexane	5.470	56	772132	198.826	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	805170	212.500	ug/L	98
31) Carbon tetrachloride	5.678	117	683535	213.379	ug/L	99
33) Benzene	6.037	78	1921262	199.335	ug/L	100
34) Trichloroethene	7.122	95	515912	200.229	ug/L	93
35) Methylcyclohexane	7.379	83	744013	210.516	ug/L	98
37) 1,2-Dichloropropane	7.427	63	517357	203.400	ug/L	100
38) Bromodichloromethane	7.817	83	701185	228.340	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	887987	232.051	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	1536768	445.500	ug/L	96
42) Toluene	8.720	91	2016261	201.062	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	860627	246.430	ug/L	99

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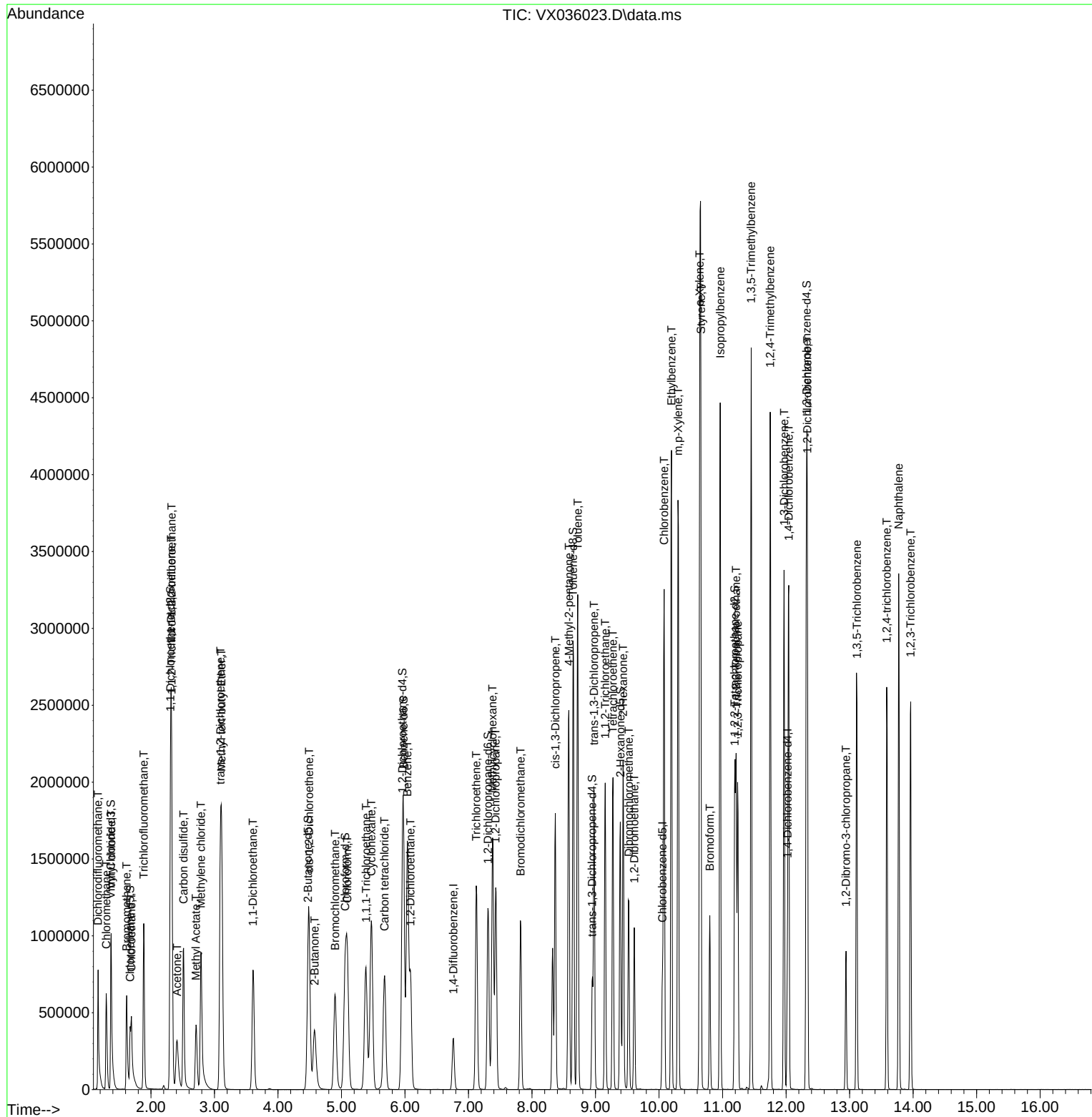
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	508305	209.251	ug/L	98
46) Tetrachloroethene	9.275	164	365515	194.580	ug/L	96
48) 2-Hexanone	9.433	43	1160185	441.120	ug/L	97
49) Dibromochloromethane	9.525	129	541709	235.063	ug/L	99
50) 1,2-Dibromoethane	9.610	107	557468	220.322	ug/L	100
51) Chlorobenzene	10.079	112	1346486	204.422	ug/L	98
52) Ethylbenzene	10.195	91	2305404	206.337	ug/L	95
53) m,p-Xylene	10.299	106	902582	212.293	ug/L	95
54) o-Xylene	10.640	106	895415	213.945	ug/L	94
55) Styrene	10.658	104	1535602	216.532	ug/L	91
57) 1,1,2,2-Tetrachloroethane	11.213	83	767789	212.088	ug/L	98
59) Bromoform	10.799	173	380496	236.035	ug/L	99
60) Isopropylbenzene	10.963	105	2276881	209.185	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	620636	208.509	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1944491	216.839	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	1819264	208.017	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	1007536	205.190	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	1002530	199.519	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	950066	191.362	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	181141	245.307	ug/L	91
69) 1,3,5-Trichlorobenzene	13.115	180	603357	198.787	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	584901	206.954	ug/L	99
71) Naphthalene	13.774	128	1946097	197.274	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	559182	201.264	ug/L	99

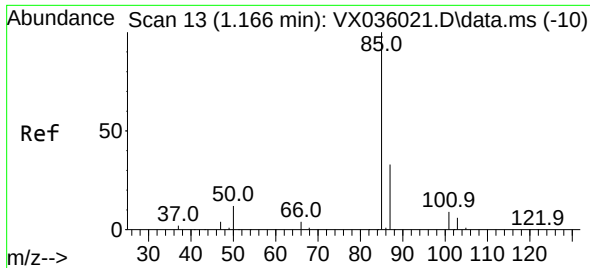
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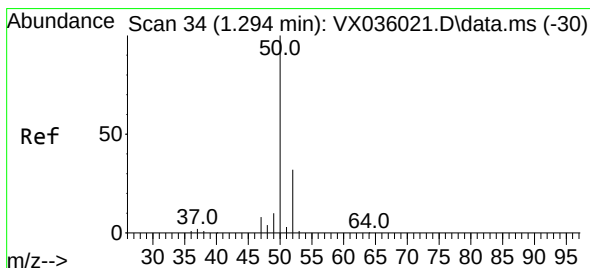
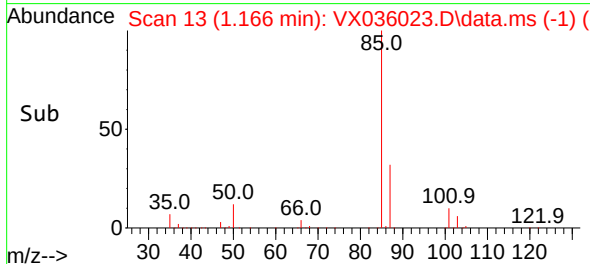
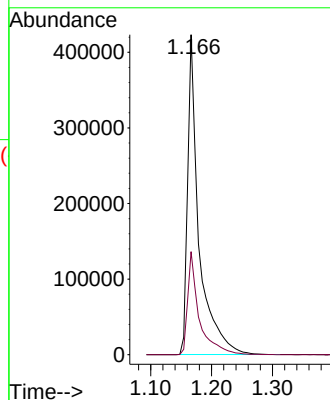
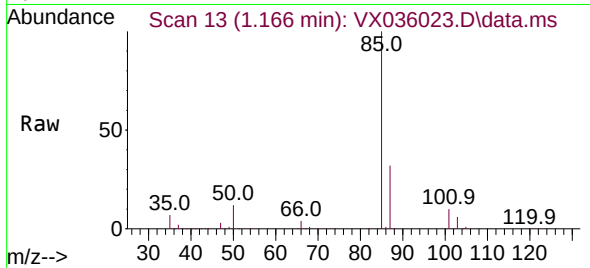




#2
 Dichlorodifluoromethane
 Concen: 208.896 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036023.D
 Acq: 06 Jun 2023 10:58

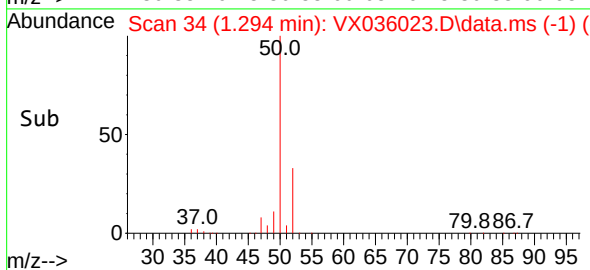
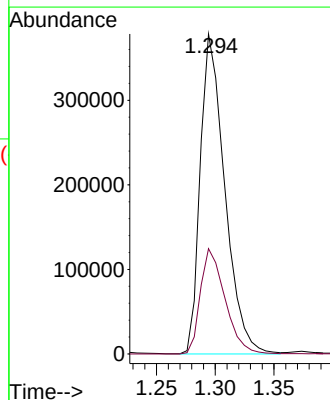
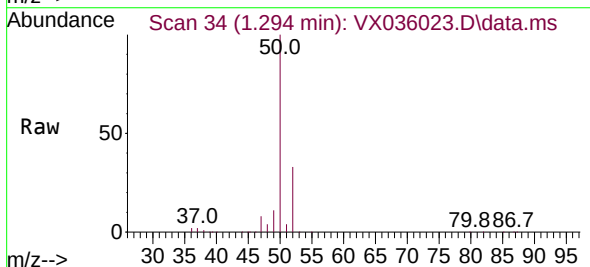
Instrument :
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 ClientSampleId :
 VSTD200642

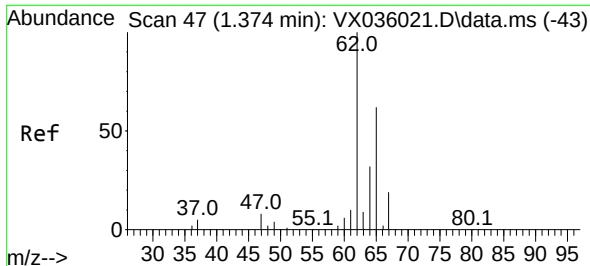
Tgt Ion: 85 Resp: 547838
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.4 39.6



#3
 Chloromethane
 Concen: 229.525 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX036023.D
 Acq: 06 Jun 2023 10:58

Tgt Ion: 50 Resp: 549213
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.5 41.9

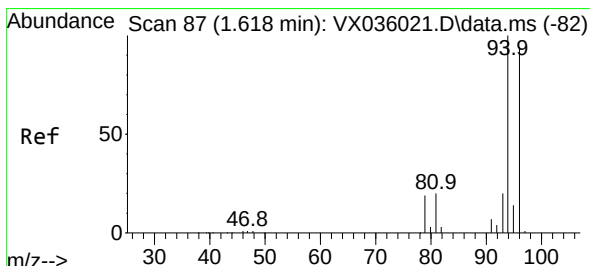
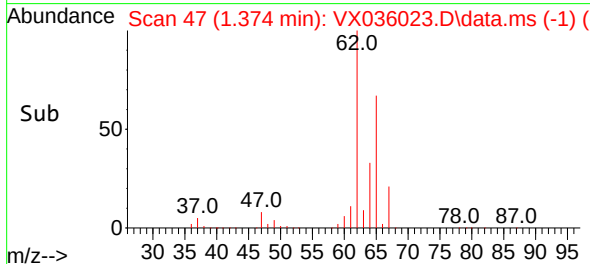
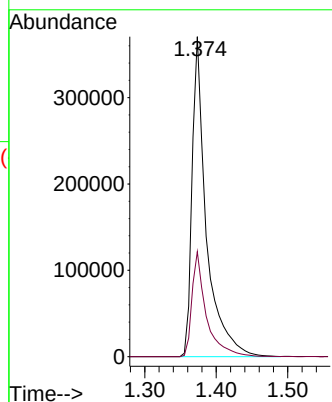
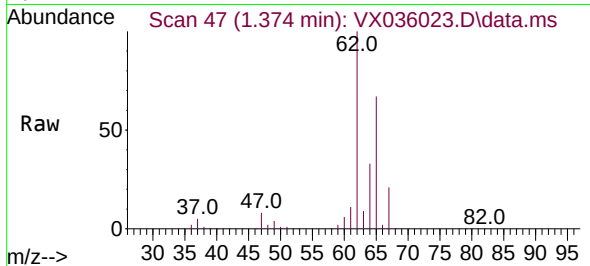




#5
 Vinyl chloride
 Concen: 212.227 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX036023.D
 Acq: 06 Jun 2023 10:58

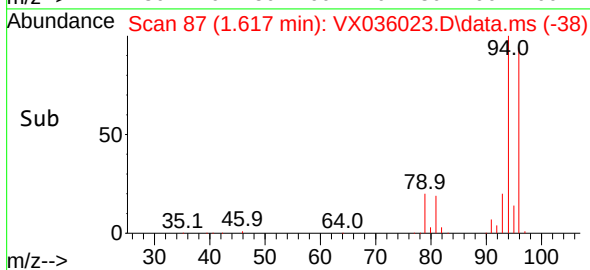
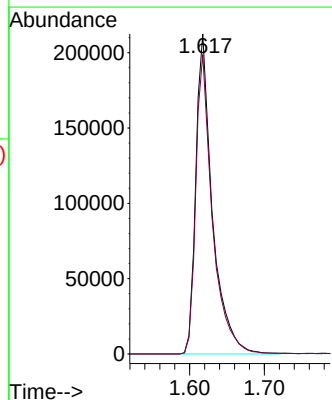
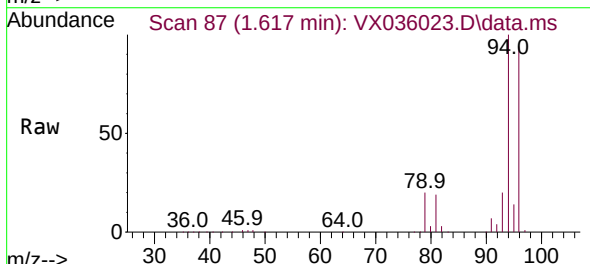
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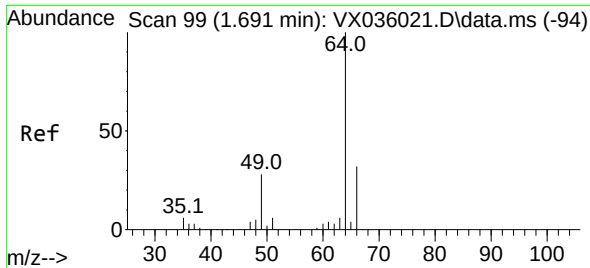
Tgt Ion: 62 Resp: 513161
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.7 42.1



#6
 Bromomethane
 Concen: 228.629 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX036023.D
 Acq: 06 Jun 2023 10:58

Tgt Ion: 94 Resp: 327019
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.8 122.2

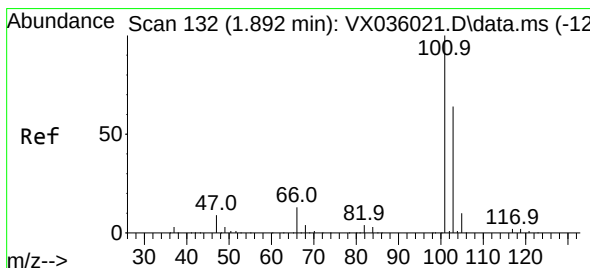
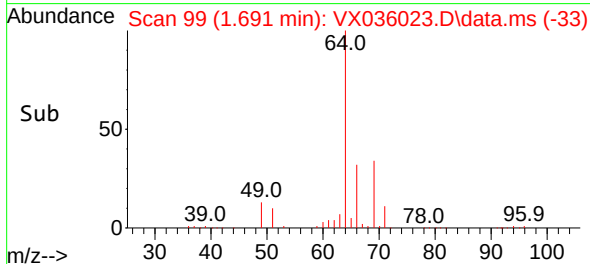
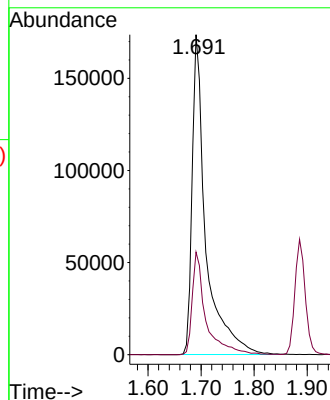
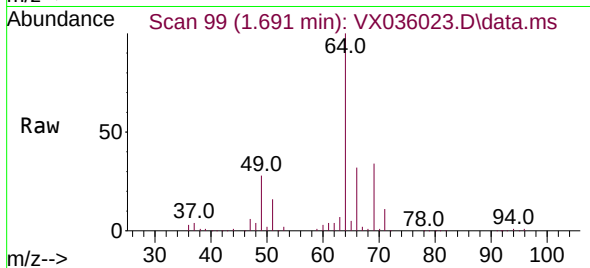




#8
Chloroethane
Concen: 226.270 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

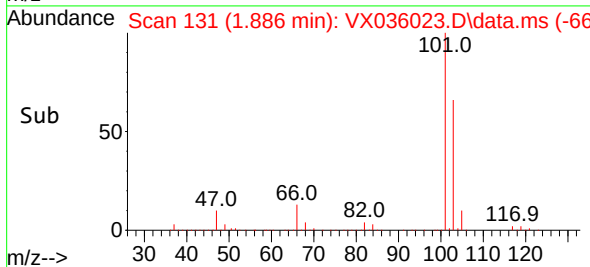
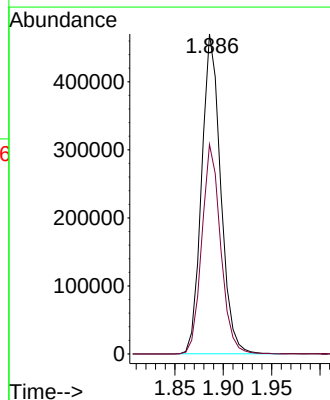
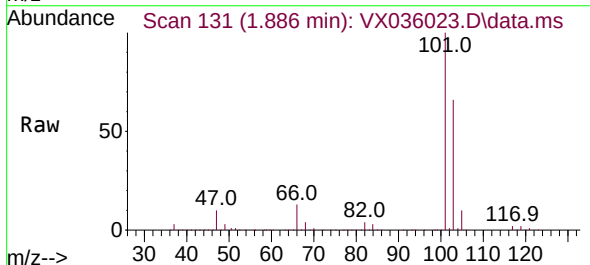
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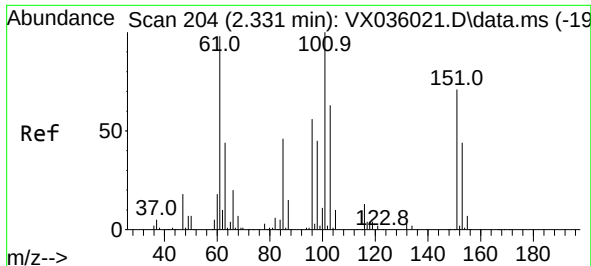
Tgt Ion: 64 Resp: 310328
Ion Ratio Lower Upper
64 100
66 32.0 22.5 41.7



#9
Trichlorofluoromethane
Concen: 193.951 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

Tgt Ion:101 Resp: 644086
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0

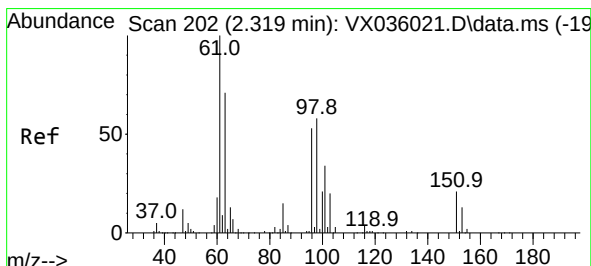
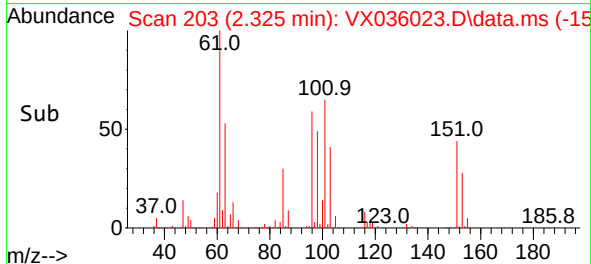
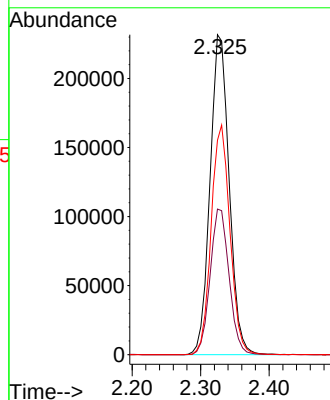
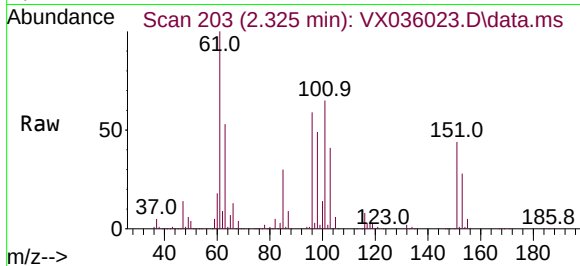




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 199.660 ug/L
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036023.D
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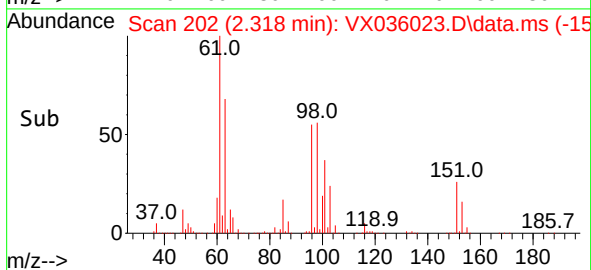
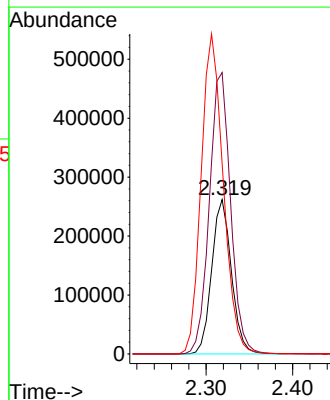
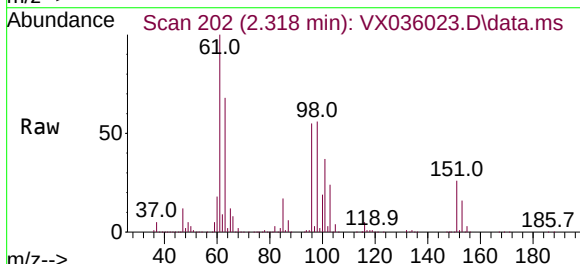
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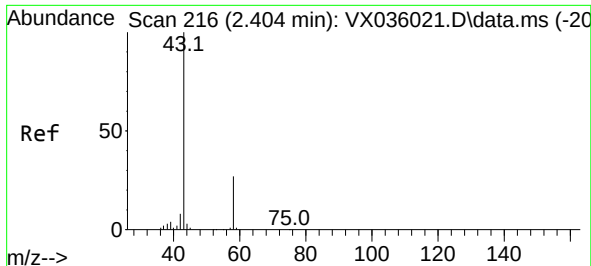
Tgt Ion:101 Resp: 448666
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 70.4 56.1 84.1



#12
1,1-Dichloroethene
Concen: 205.041 ug/L
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

Tgt Ion: 96 Resp: 414651
Ion Ratio Lower Upper
96 100
61 182.2 132.5 246.1
63 123.3 95.1 176.7





#13

Acetone

Concen: 499.339 ug/L

RT: 2.410 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX036023.D

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Instrument :

MSVOA_X

ClientSampleId :

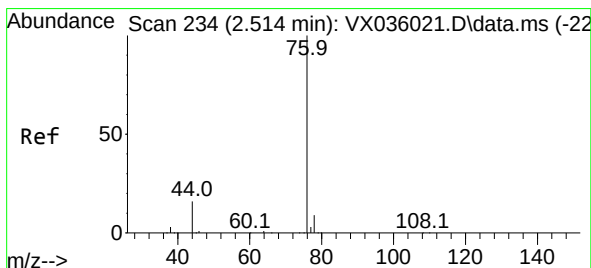
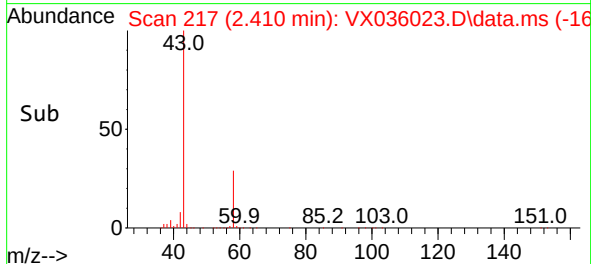
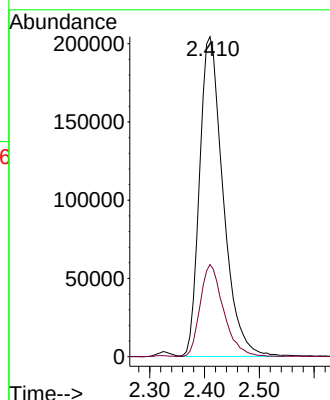
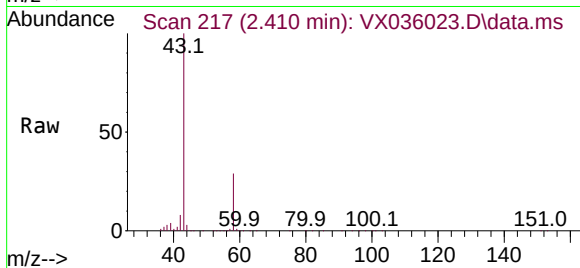
VSTD200642

Tgt Ion: 43 Resp: 610370

Ion Ratio Lower Upper

43 100

58 28.4 0.0 55.4



#14

Carbon disulfide

Concen: 238.844 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX036023.D

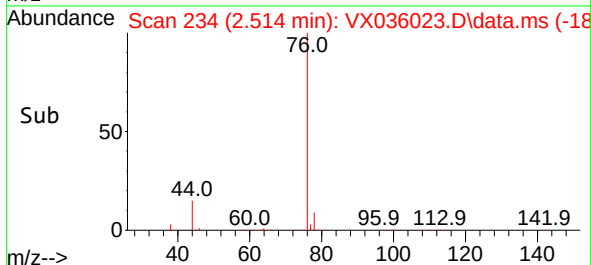
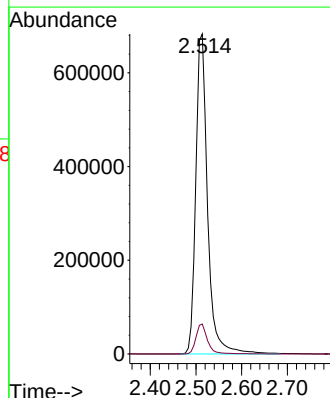
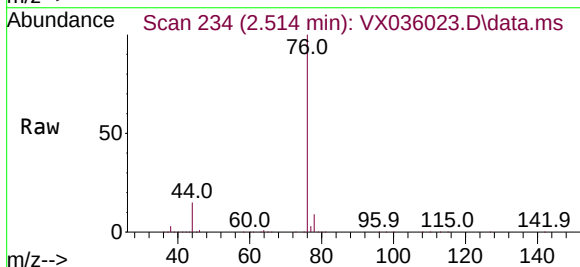
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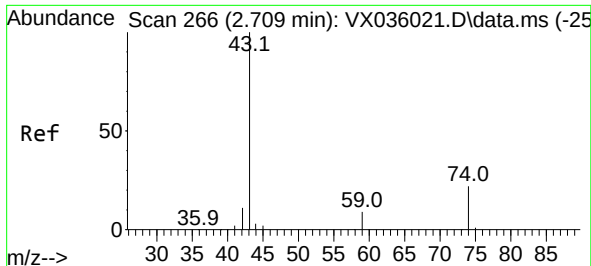
Tgt Ion: 76 Resp: 1222850

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

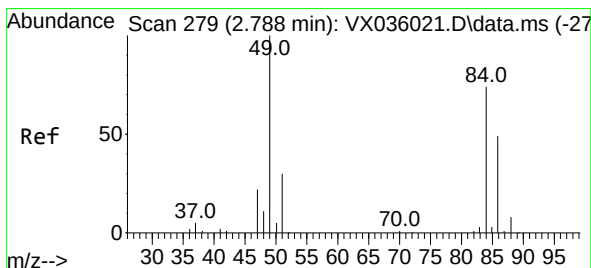
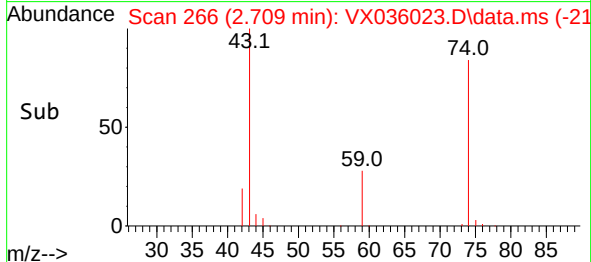
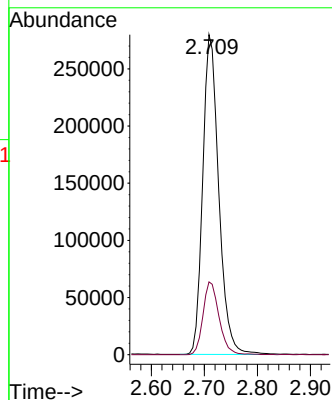
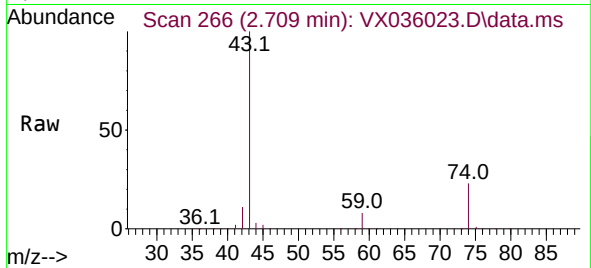




#15
Methyl Acetate
Concen: 244.211 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

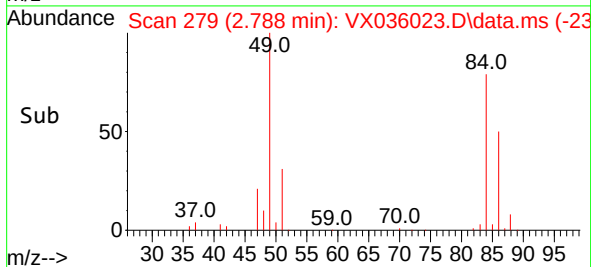
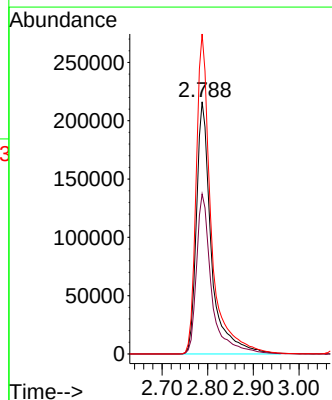
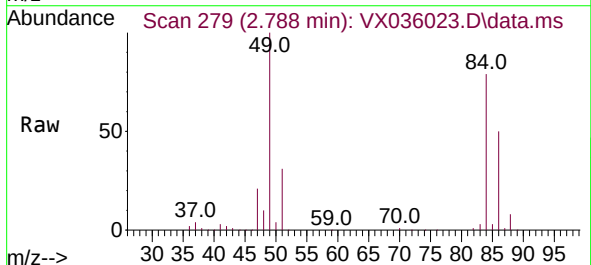
Instrument :
MSVOA_X
ClientSampleId :
VSTD200642

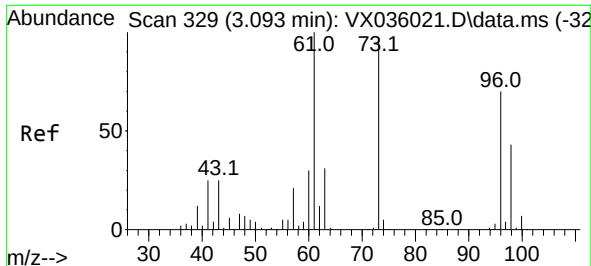
Tgt Ion: 43 Resp: 587062
Ion Ratio Lower Upper
43 100
74 22.8 17.4 26.2



#16
Methylene chloride
Concen: 215.600 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

Tgt Ion: 84 Resp: 491625
Ion Ratio Lower Upper
84 100
86 63.4 46.5 86.5
49 126.9 95.1 176.5

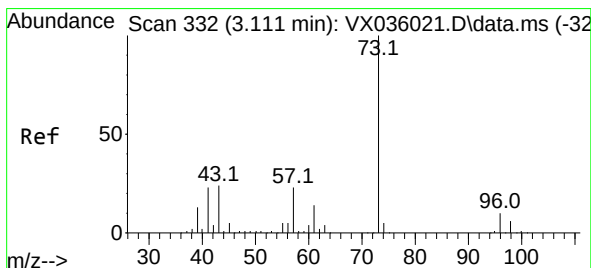
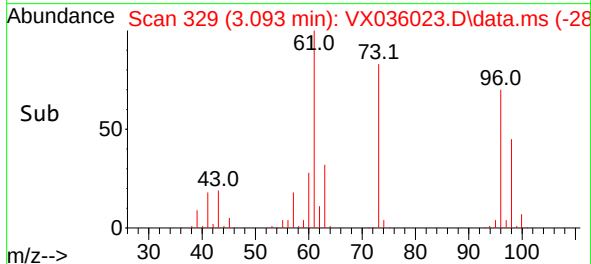
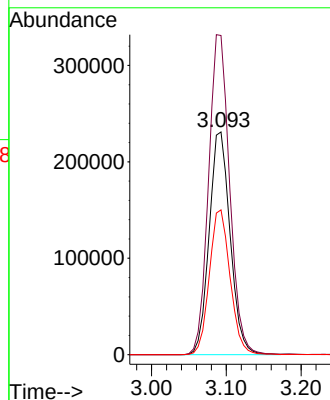
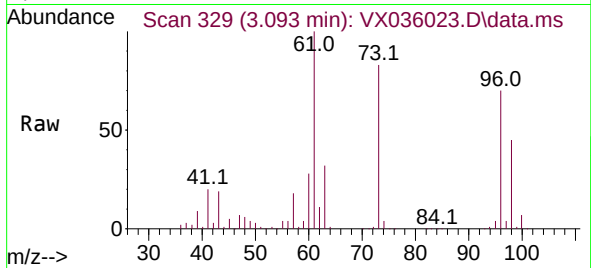




#17
trans-1,2-Dichloroethene
Concen: 215.062 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

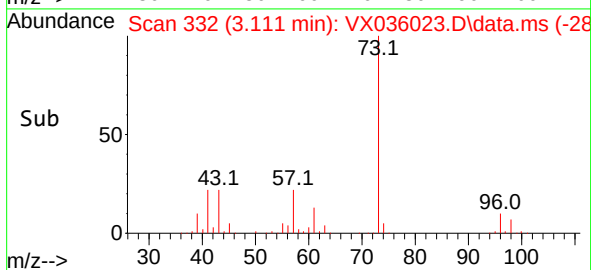
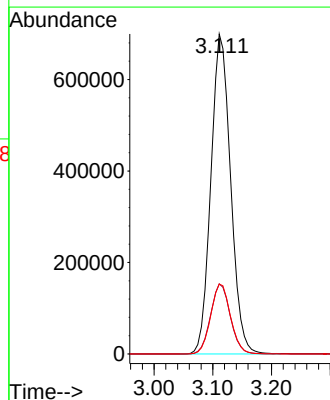
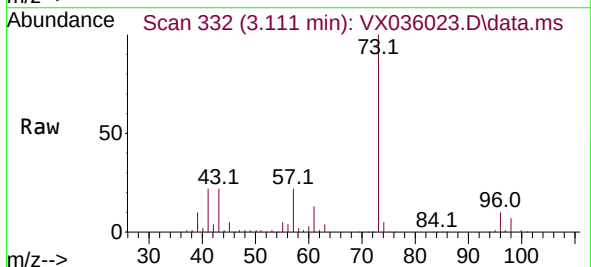
Instrument :
MSVOA_X
ClientSampleId :
VSTD200642

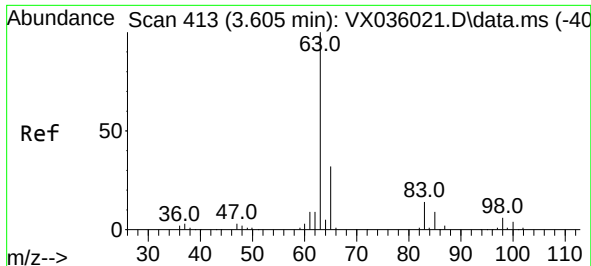
Tgt Ion: 96 Resp: 452330
Ion Ratio Lower Upper
96 100
61 143.3 100.7 187.1
98 65.1 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 222.324 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

Tgt Ion: 73 Resp: 1630041
Ion Ratio Lower Upper
73 100
43 21.9 19.4 29.0
57 21.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 218.060 ug/L

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX036023.D

Acq: 06 Jun 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTD200642

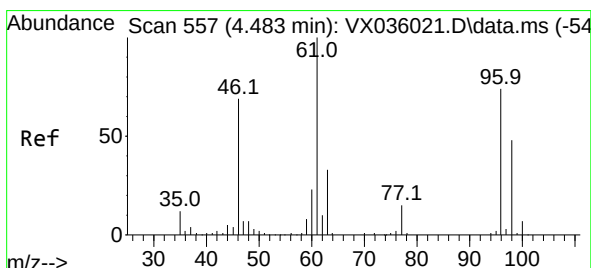
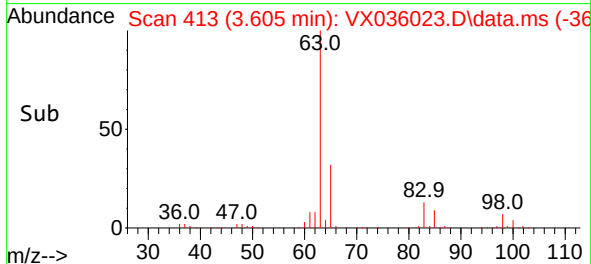
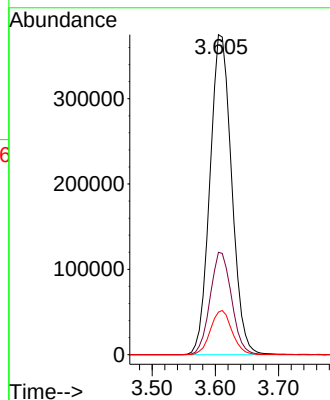
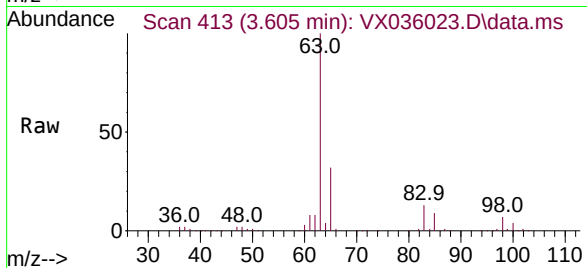
Tgt Ion: 63 Resp: 893933

Ion Ratio Lower Upper

63 100

65 32.0 22.6 42.0

83 13.3 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 216.591 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX036023.D

Acq: 06 Jun 2023 10:58

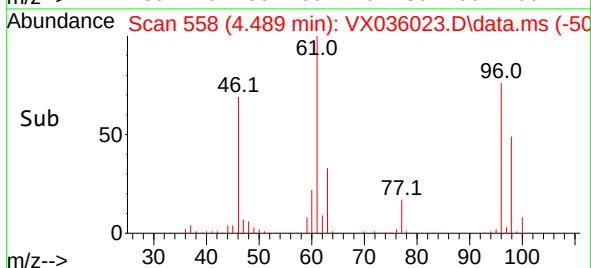
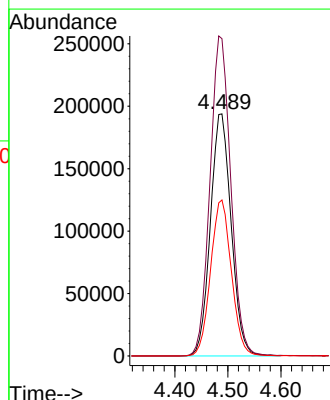
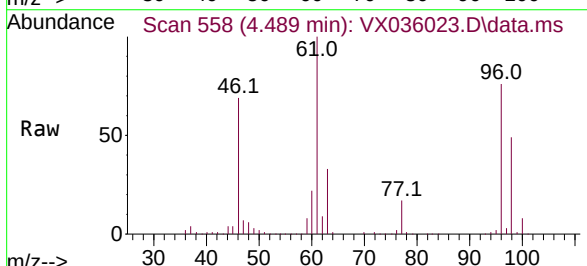
Tgt Ion: 96 Resp: 528859

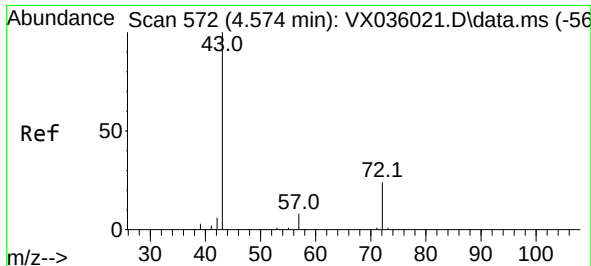
Ion Ratio Lower Upper

96 100

61 131.1 94.7 175.9

98 64.4 45.4 84.4

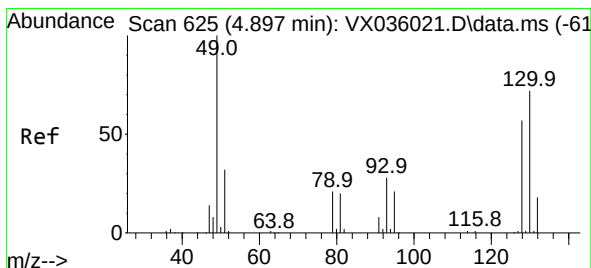
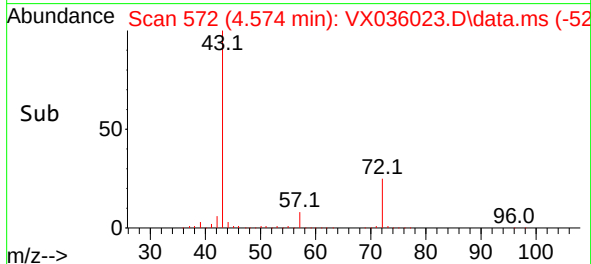
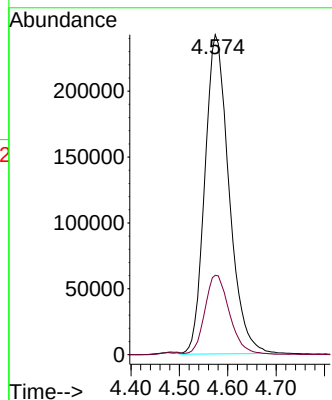
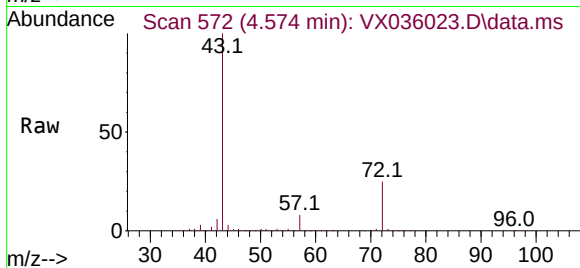




#22
2-Butanone
Concen: 480.072 ug/L
RT: 4.574 min Scan# 512
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

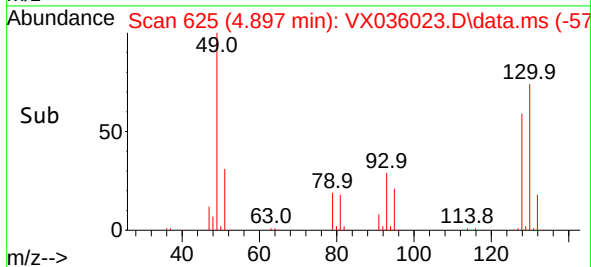
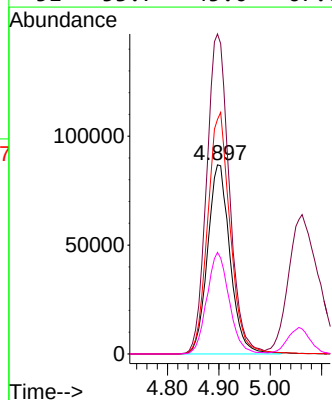
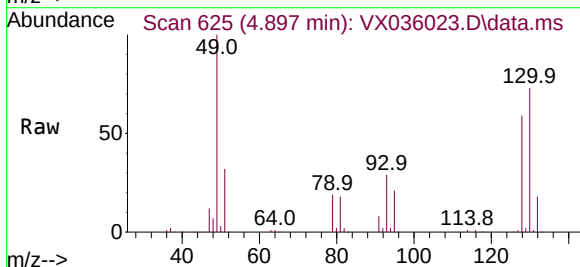
Instrument :
MSVOA_X
ClientSampleId :
VSTD200642

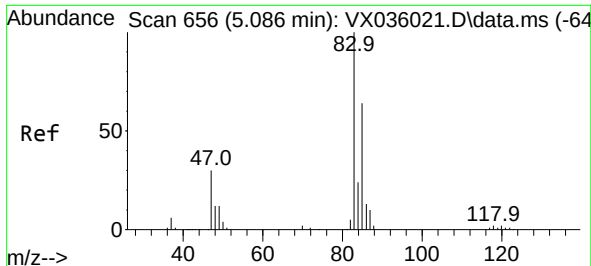
Tgt Ion: 43 Resp: 841317
Ion Ratio Lower Upper
43 100
72 25.3 12.0 36.1



#23
Bromochloromethane
Concen: 218.506 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

Tgt Ion:128 Resp: 263204
Ion Ratio Lower Upper
128 100
49 169.2 123.9 230.1
130 124.0 88.3 164.1
51 53.7 45.0 67.6

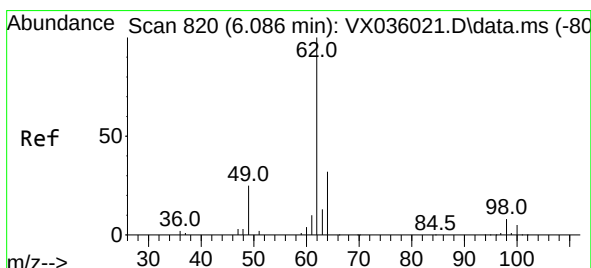
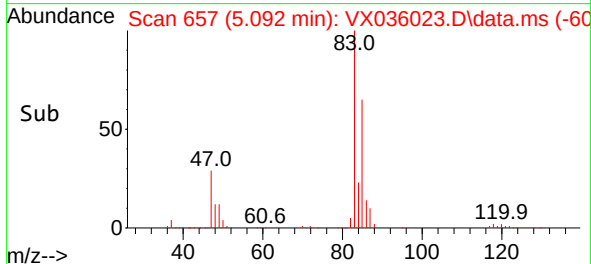
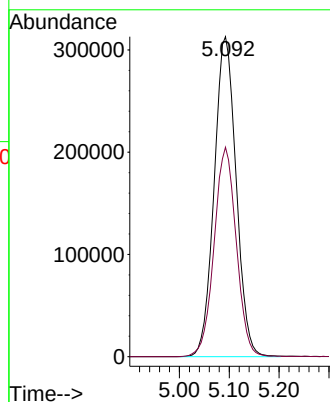
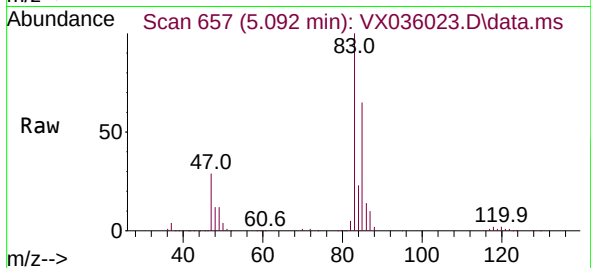




#25
Chloroform
Concen: 226.331 ug/L
RT: 5.092 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

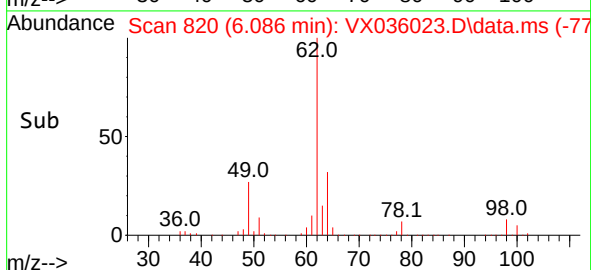
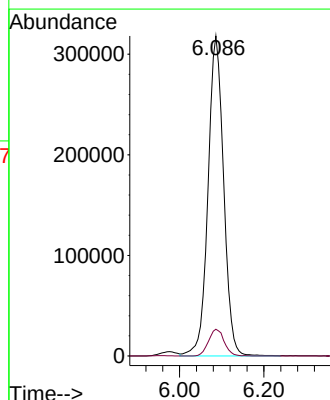
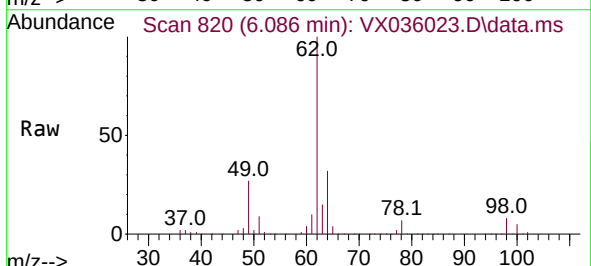
Instrument :
MSVOA_X
ClientSampleId :
VSTD200642

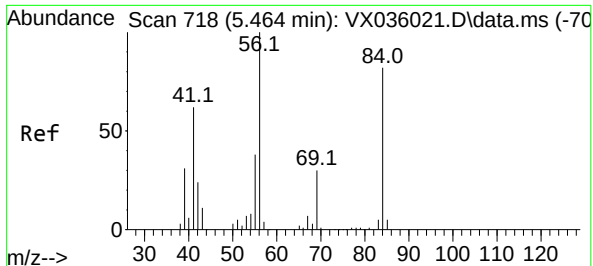
Tgt Ion: 83 Resp: 957794
Ion Ratio Lower Upper
83 100
85 65.4 45.0 83.6



#27
1,2-Dichloroethane
Concen: 237.854 ug/L
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

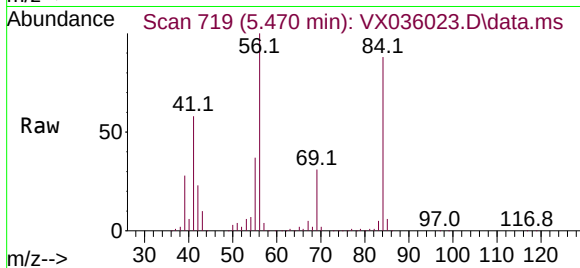
Tgt Ion: 62 Resp: 820243
Ion Ratio Lower Upper
62 100
98 8.3 6.4 9.6





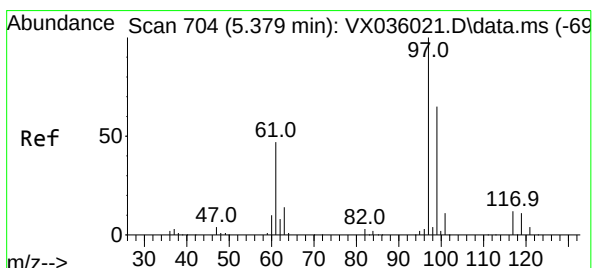
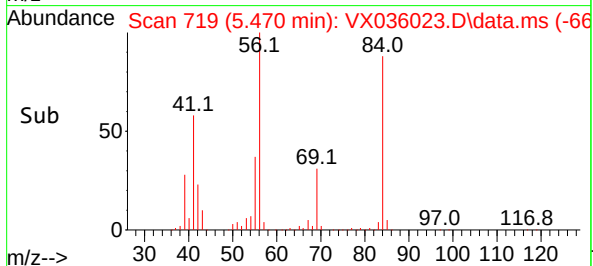
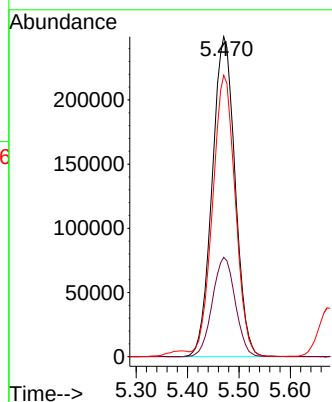
#29
Cyclohexane
Concen: 198.826 ug/L
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTD200642



Tgt Ion: 56 Resp: 772132

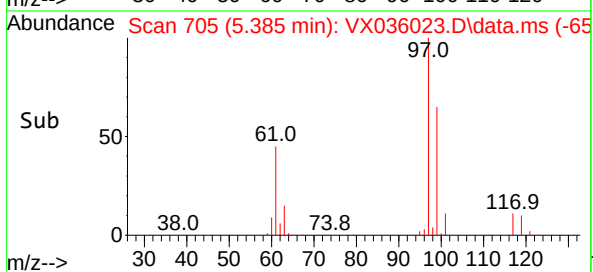
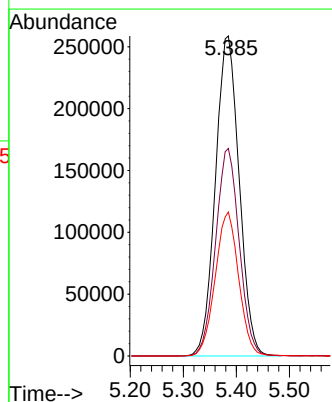
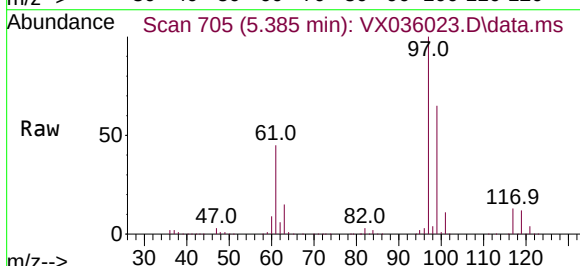
Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.3	36.5
84	87.0	68.4	102.6

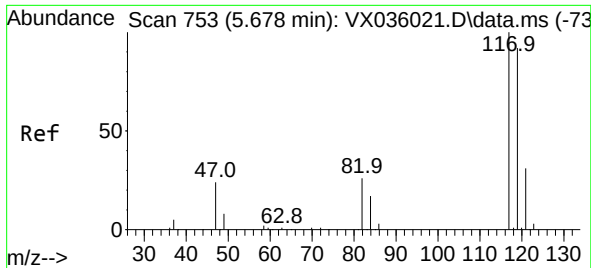


#30
1,1,1-Trichloroethane
Concen: 212.500 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

Tgt Ion: 97 Resp: 805170

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.9	77.9
61	44.6	38.0	57.0

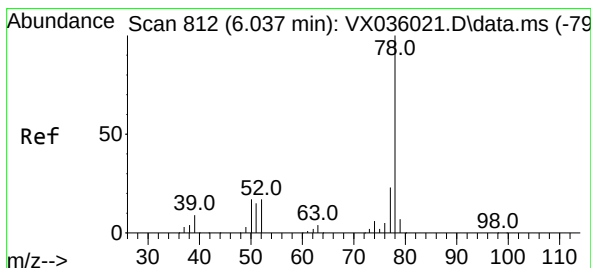
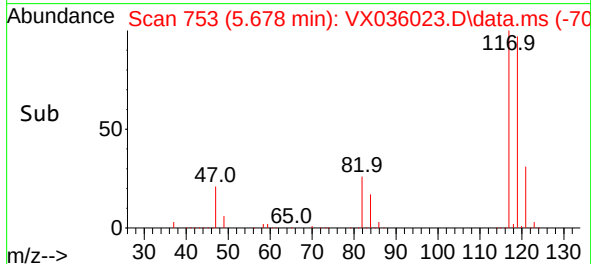
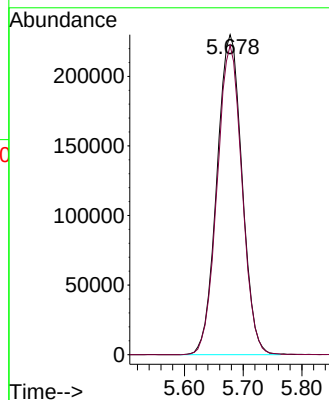
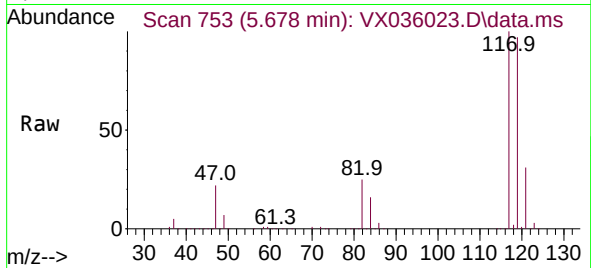




#31
Carbon tetrachloride
Concen: 213.379 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

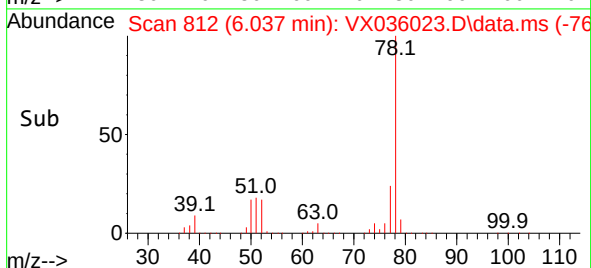
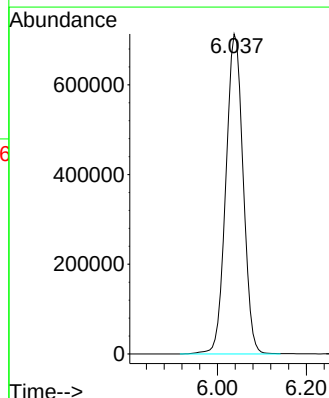
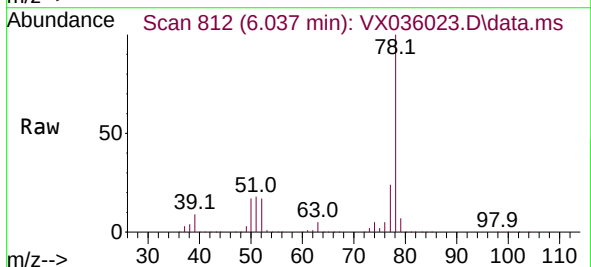
Instrument :
MSVOA_X
ClientSampleId :
VSTD200642

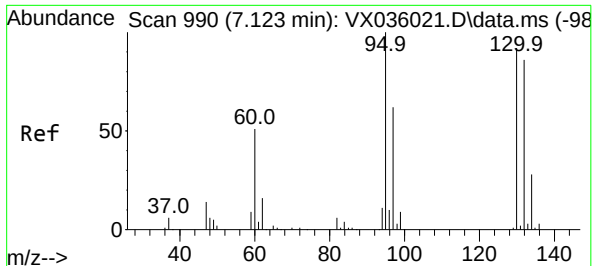
Tgt Ion:117 Resp: 683535
Ion Ratio Lower Upper
117 100
119 95.5 76.9 115.3



#33
Benzene
Concen: 199.335 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

Tgt Ion: 78 Resp: 1921262

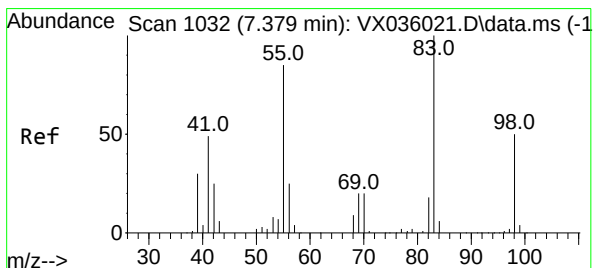
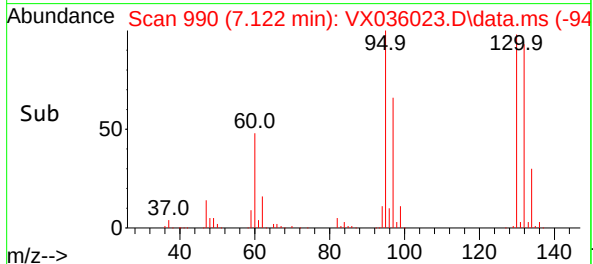
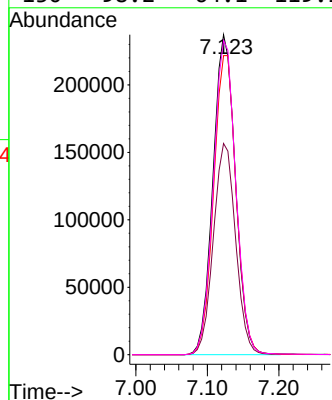
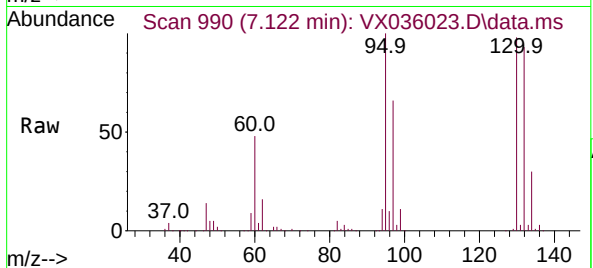




#34
Trichloroethene
Concen: 200.229 ug/L
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

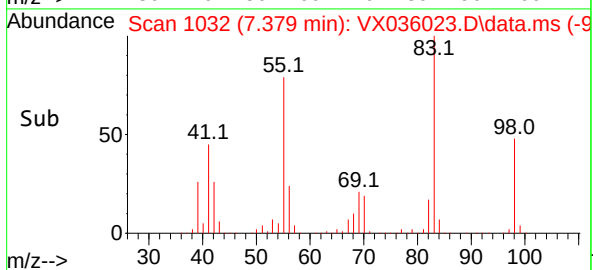
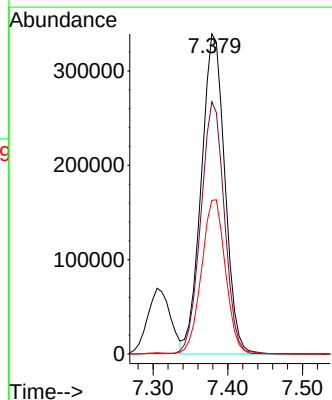
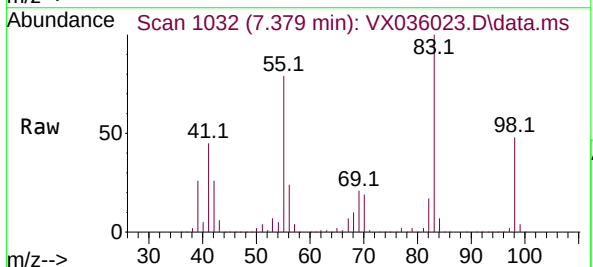
Instrument :
MSVOA_X
ClientSampleId :
VSTD200642

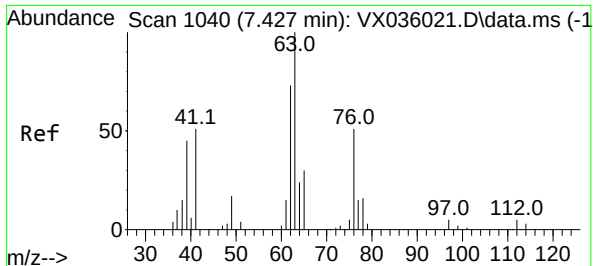
Tgt Ion: 95 Resp: 515912
Ion Ratio Lower Upper
95 100
97 66.0 43.6 81.0
132 93.4 59.9 111.3
130 98.2 64.1 119.1



#35
Methylcyclohexane
Concen: 210.516 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

Tgt Ion: 83 Resp: 744013
Ion Ratio Lower Upper
83 100
55 78.5 65.4 98.2
98 49.0 39.0 58.6





#37

1,2-Dichloropropane

Concen: 203.400 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX036023.D

Acq: 06 Jun 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

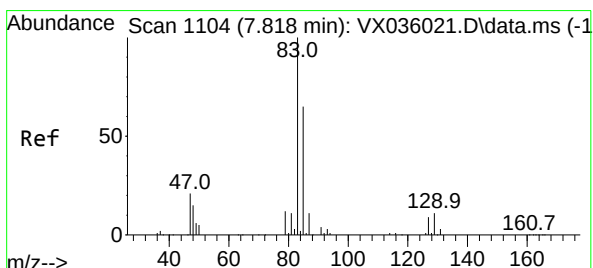
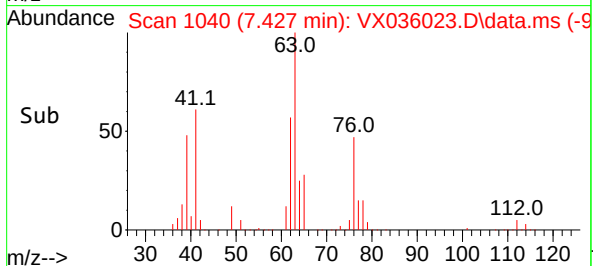
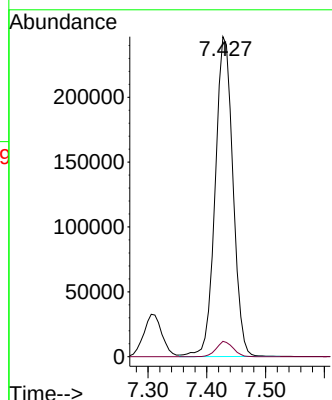
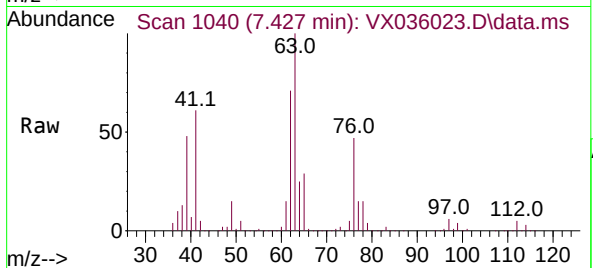
VSTD200642

Tgt Ion: 63 Resp: 517357

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 228.340 ug/L

RT: 7.817 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX036023.D

Acq: 06 Jun 2023 10:58

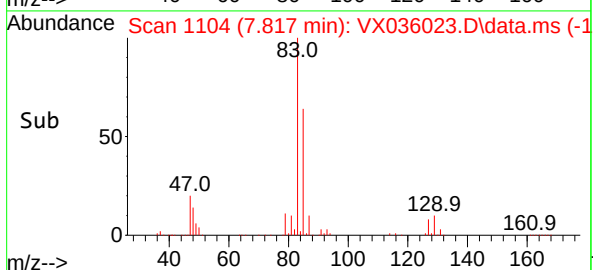
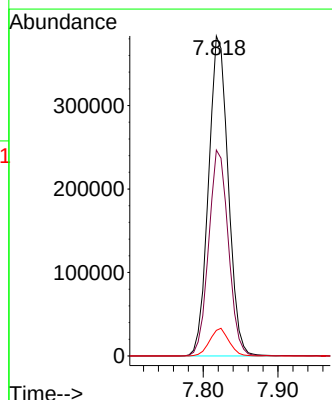
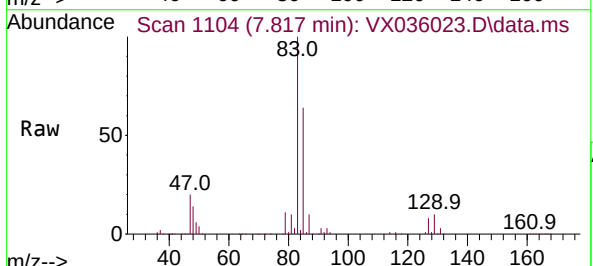
Tgt Ion: 83 Resp: 701185

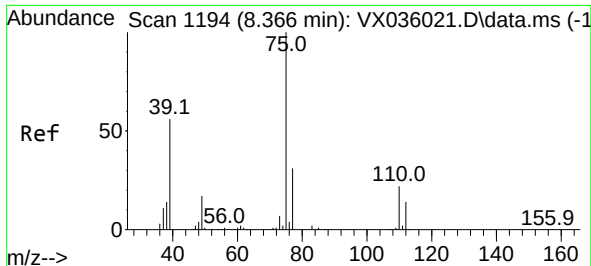
Ion Ratio Lower Upper

83 100

85 64.4 45.3 84.1

127 8.0 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 232.051 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036023.D

Acq: 06 Jun 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

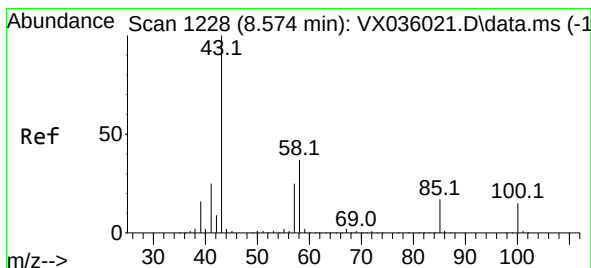
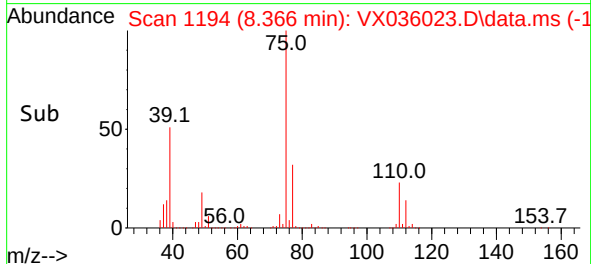
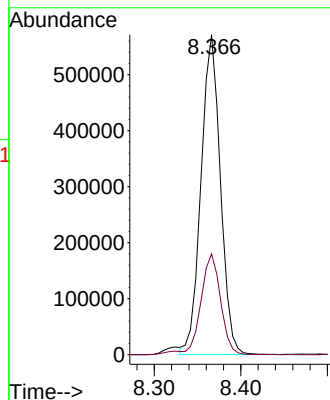
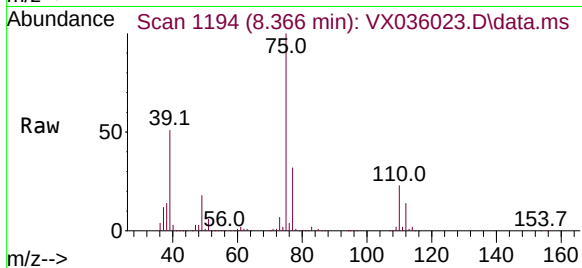
VSTD200642

Tgt Ion: 75 Resp: 887987

Ion Ratio Lower Upper

75 100

77 31.5 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 445.500 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX036023.D

Acq: 06 Jun 2023 10:58

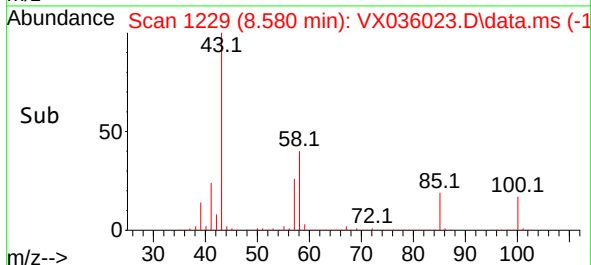
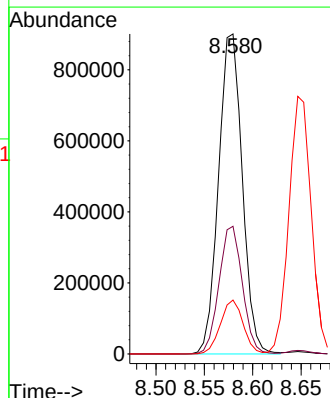
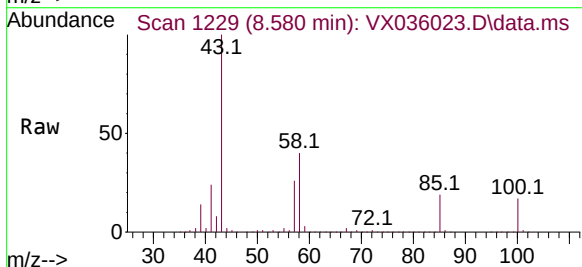
Tgt Ion: 43 Resp: 1536768

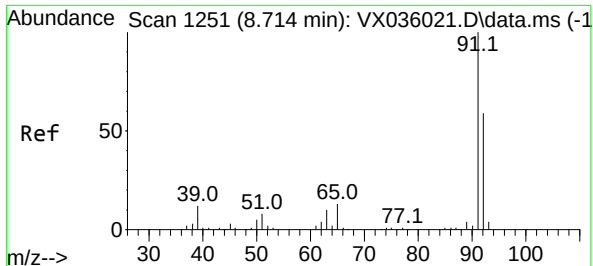
Ion Ratio Lower Upper

43 100

58 39.3 29.4 44.2

100 16.2 11.8 17.6





#42

Toluene

Concen: 201.062 ug/L

RT: 8.720 min Scan# 1251

Delta R.T. 0.006 min

Lab File: VX036023.D

Acq: 06 Jun 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

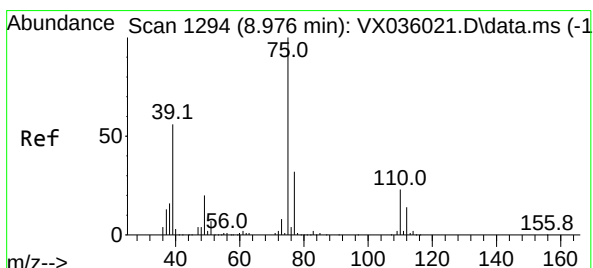
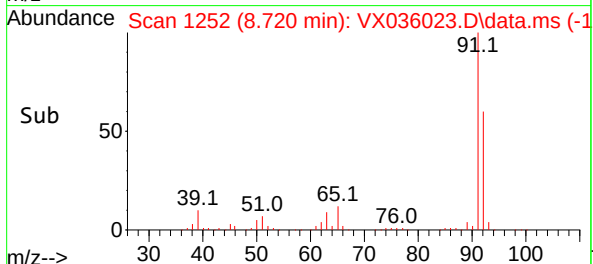
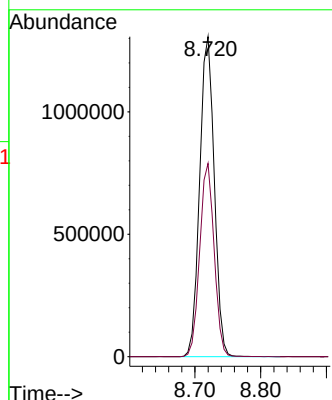
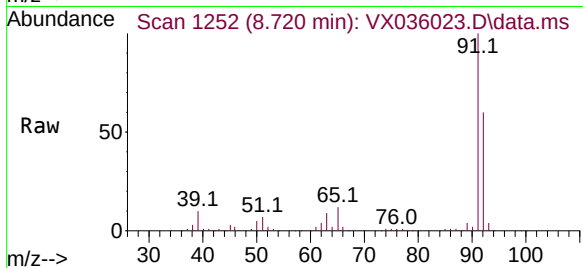
VSTD200642

Tgt Ion: 91 Resp: 2016261

Ion Ratio Lower Upper

91 100

92 60.4 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 246.430 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX036023.D

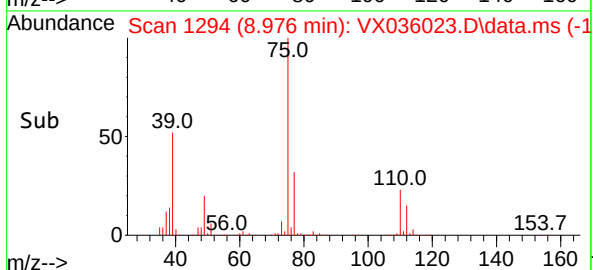
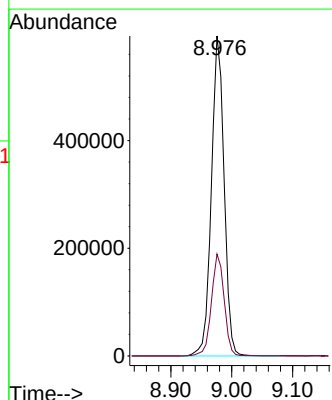
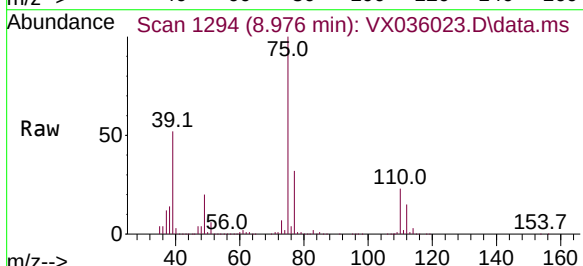
Acq: 06 Jun 2023 10:58

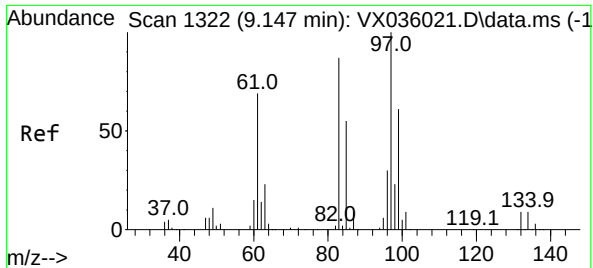
Tgt Ion: 75 Resp: 860627

Ion Ratio Lower Upper

75 100

77 31.8 22.0 41.0



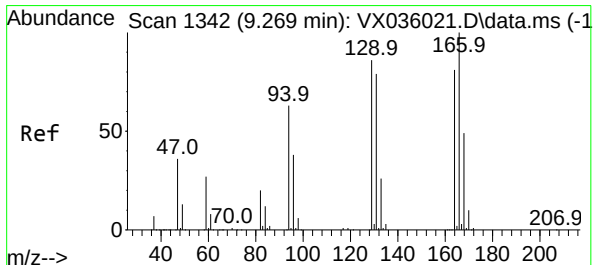
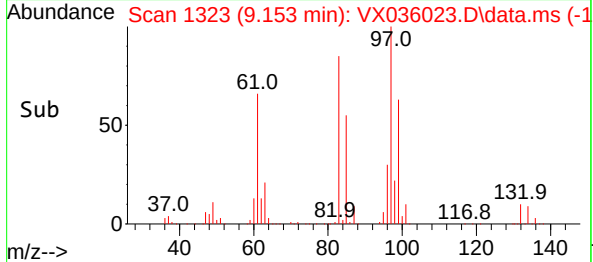
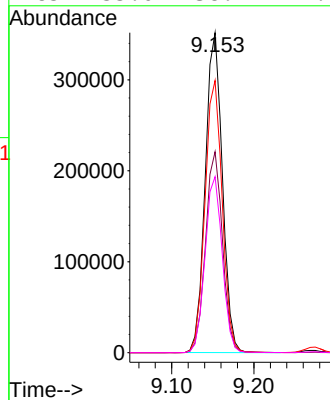
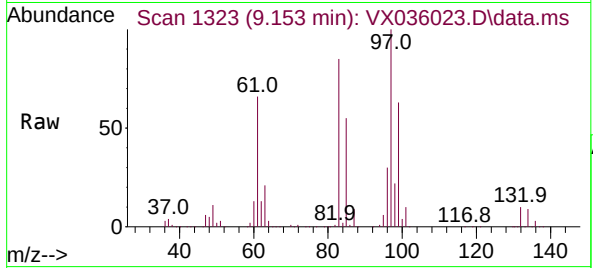


#45
1,1,2-Trichloroethane
Concen: 209.251 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTD200642

Tgt Ion: 97 Resp: 508305

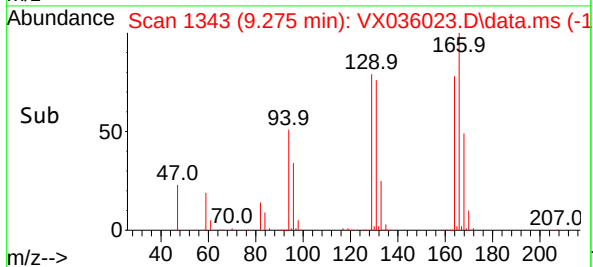
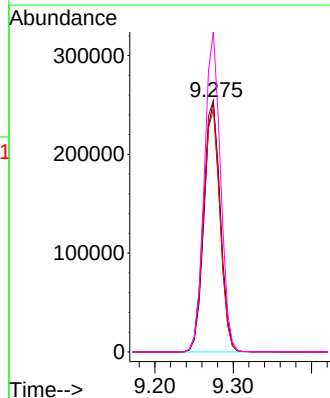
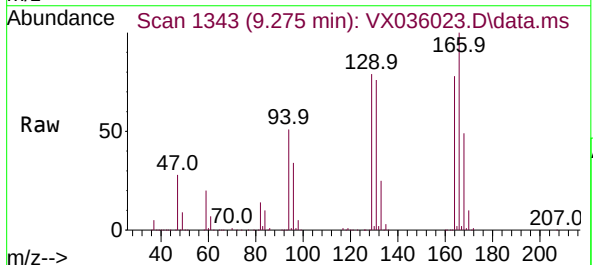
Ion	Ratio	Lower	Upper
97	100		
99	62.8	42.9	79.7
83	85.1	61.0	113.2
85	55.0	38.7	71.9

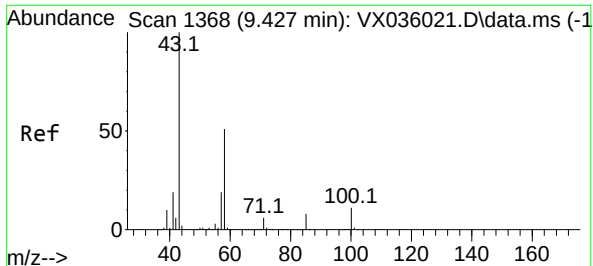


#46
Tetrachloroethene
Concen: 194.580 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

Tgt Ion: 164 Resp: 365515

Ion	Ratio	Lower	Upper
164	100		
129	100.4	74.8	139.0
131	97.1	68.9	127.9
166	127.9	86.8	161.2



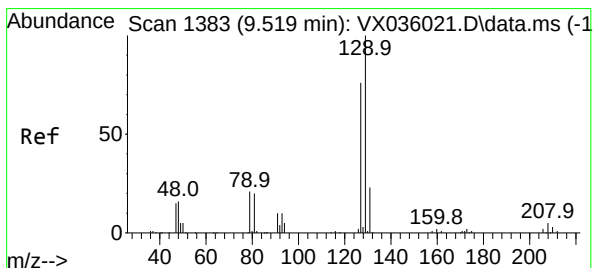
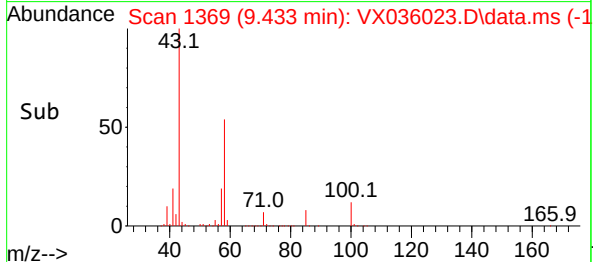
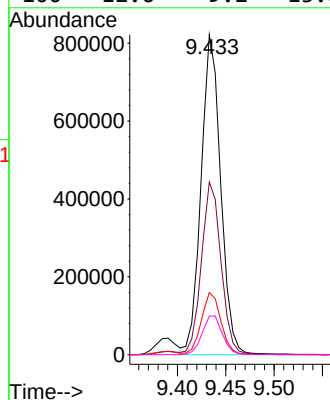
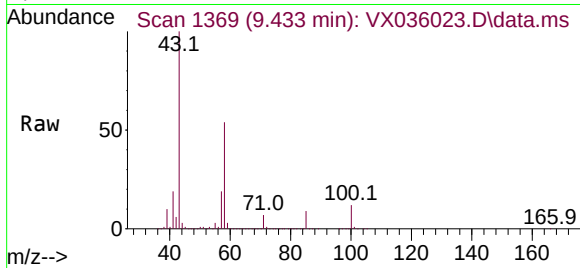


#48
2-Hexanone
Concen: 441.120 ug/L
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTD200642

Tgt Ion: 43 Resp: 1160185

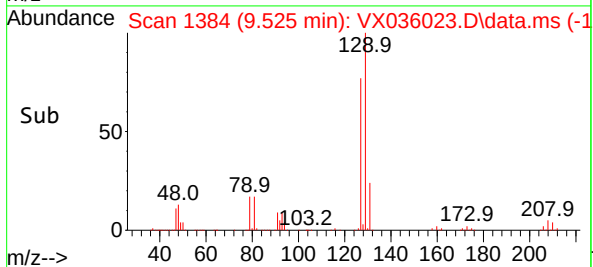
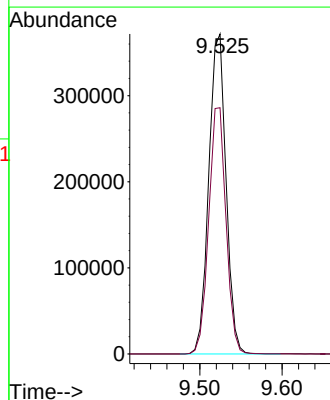
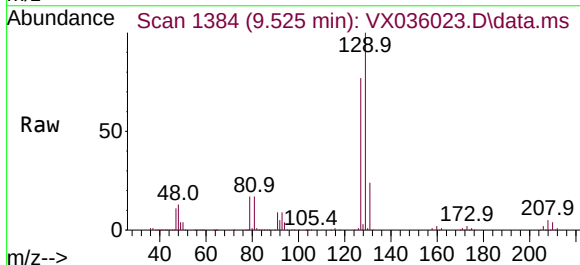
Ion	Ratio	Lower	Upper
43	100		
58	53.6	41.0	61.6
57	19.5	15.2	22.8
100	12.6	9.2	13.8

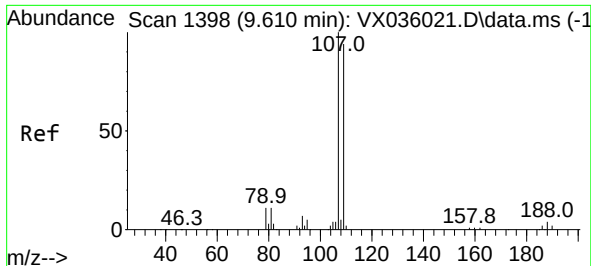


#49
Dibromochloromethane
Concen: 235.063 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

Tgt Ion: 129 Resp: 541709

Ion	Ratio	Lower	Upper
129	100		
127	76.9	53.3	98.9

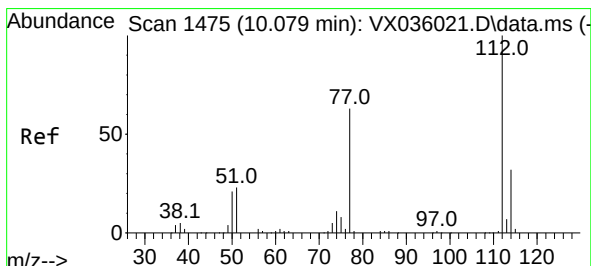
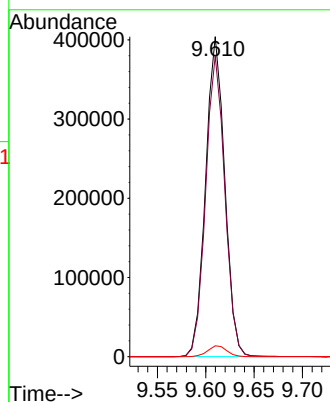
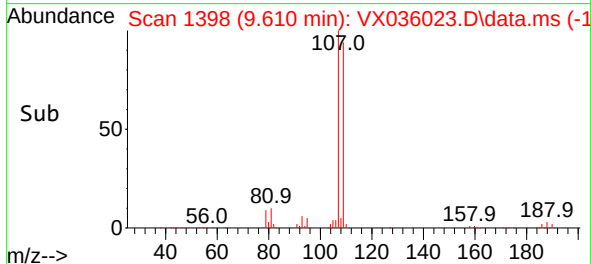
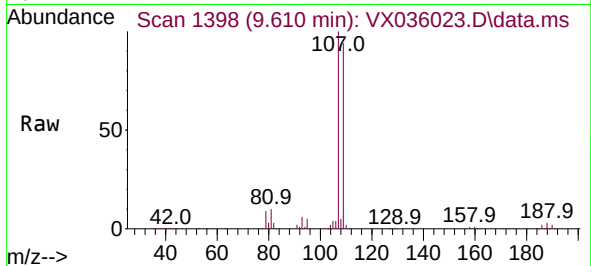




#50
1,2-Dibromoethane
Concen: 220.322 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

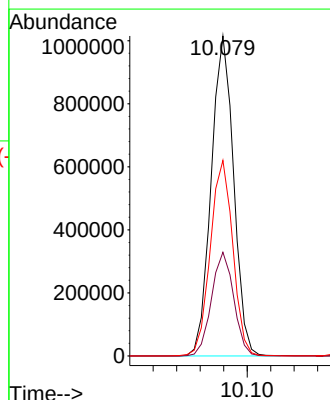
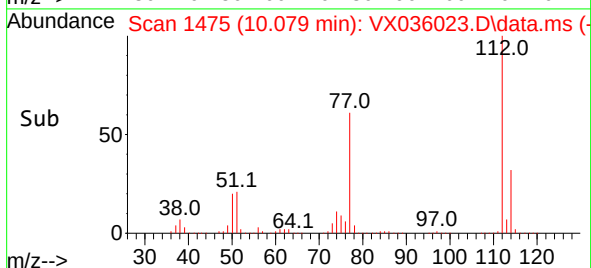
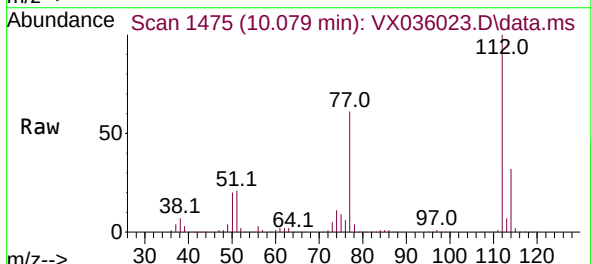
Instrument :
MSVOA_X
ClientSampleId :
VSTD200642

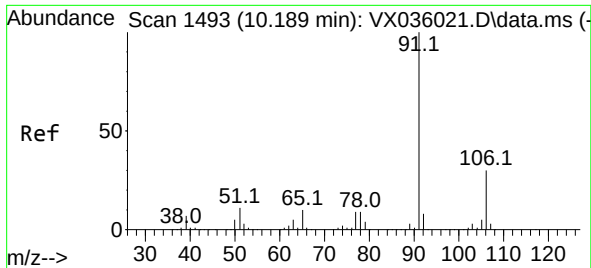
Tgt Ion:107 Resp: 557468
Ion Ratio Lower Upper
107 100
109 94.1 66.1 122.8
188 3.4 2.9 4.3



#51
Chlorobenzene
Concen: 204.422 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

Tgt Ion:112 Resp: 1346486
Ion Ratio Lower Upper
112 100
114 32.4 22.7 42.3
77 61.1 50.6 75.8

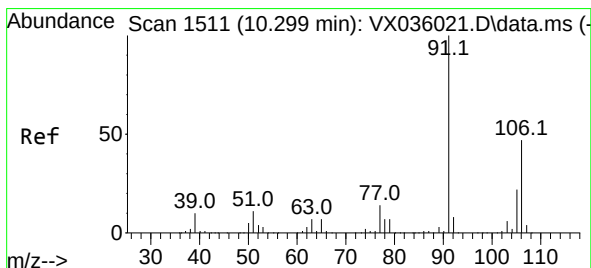
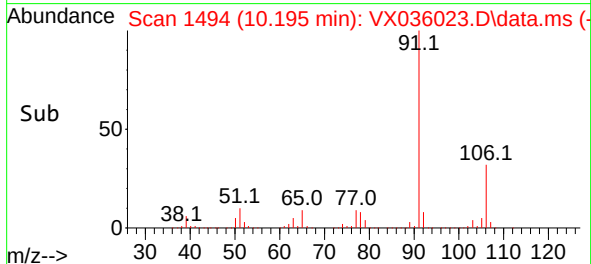
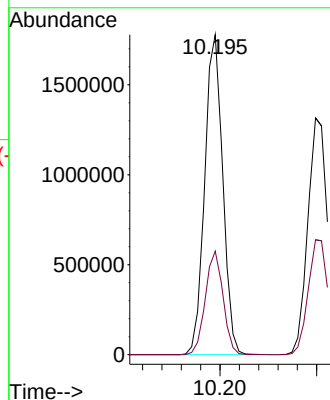
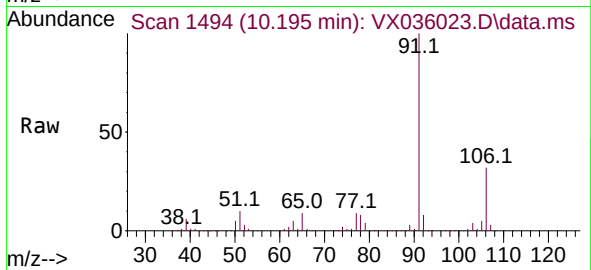




#52
Ethylbenzene
Concen: 206.337 ug/L
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

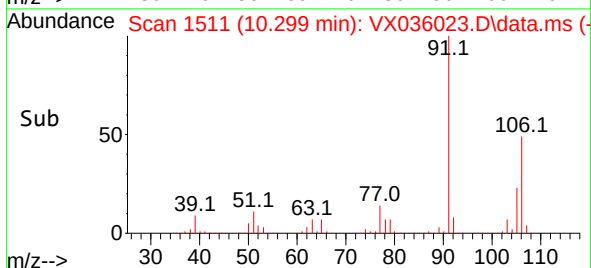
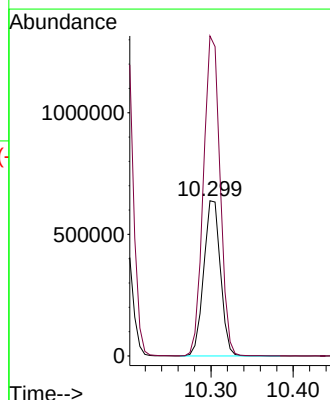
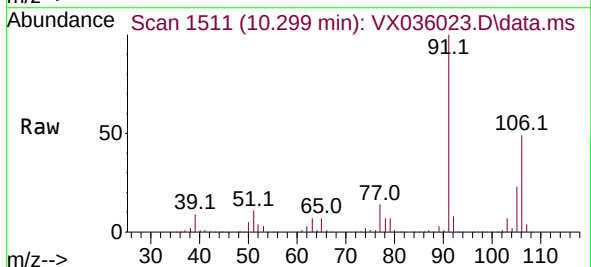
Instrument :
MSVOA_X
ClientSampleId :
VSTD200642

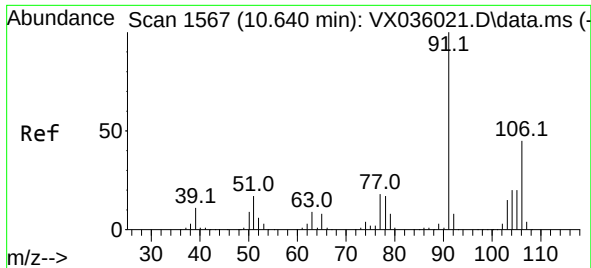
Tgt Ion: 91 Resp: 2305404
Ion Ratio Lower Upper
91 100
106 32.4 20.8 38.6



#53
m,p-Xylene
Concen: 212.293 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

Tgt Ion:106 Resp: 902582
Ion Ratio Lower Upper
106 100
91 206.1 149.8 278.2

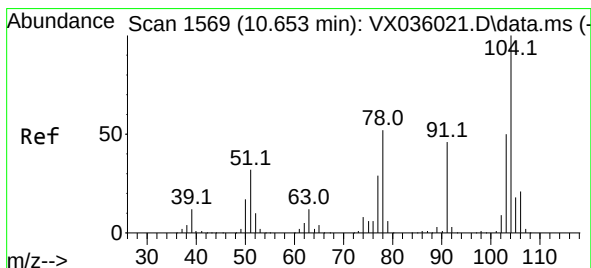
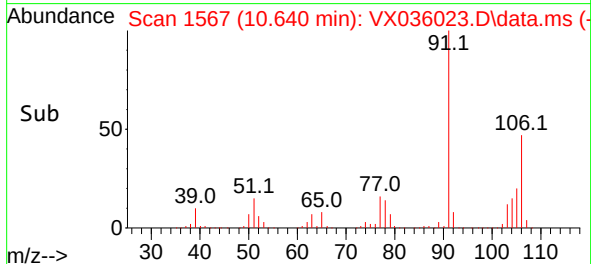
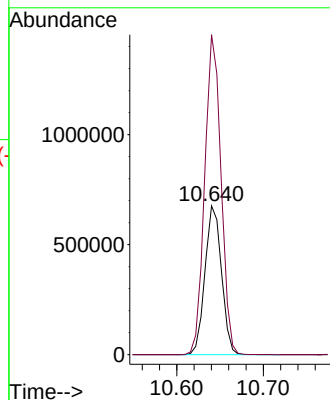
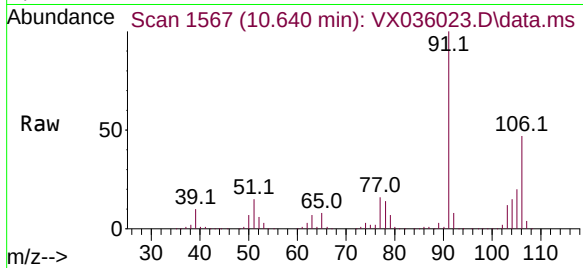




#54
o-Xylene
Concen: 213.945 ug/L
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

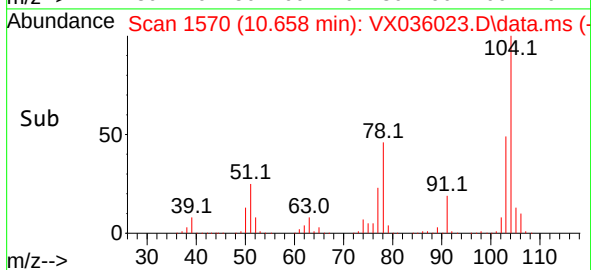
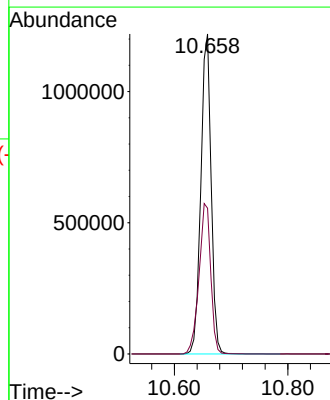
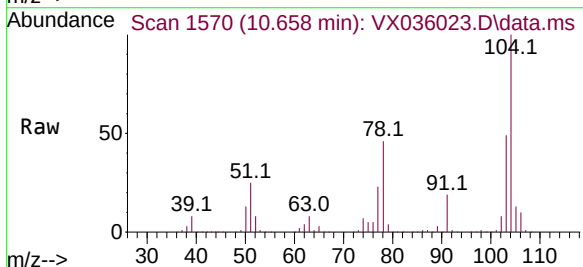
Instrument :
MSVOA_X
ClientSampleId :
VSTD200642

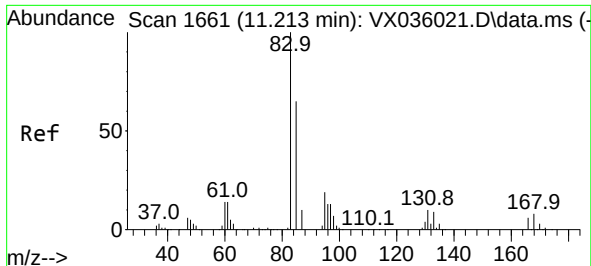
Tgt Ion:106 Resp: 895415
Ion Ratio Lower Upper
106 100
91 214.9 156.9 291.5



#55
Styrene
Concen: 216.532 ug/L
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

Tgt Ion:104 Resp: 1535602
Ion Ratio Lower Upper
104 100
78 45.6 36.1 67.1

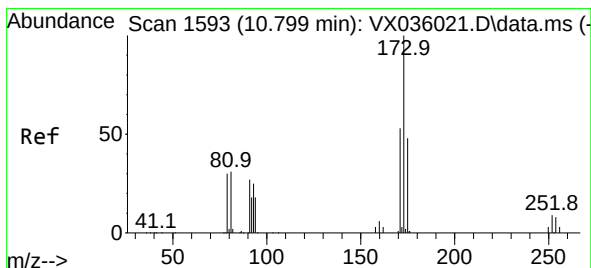
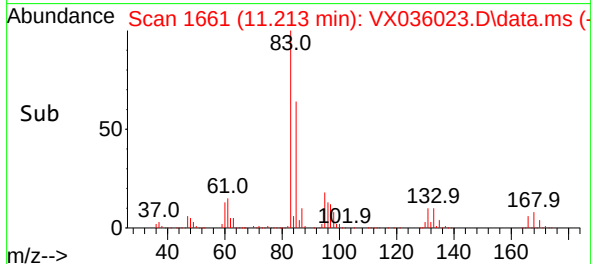
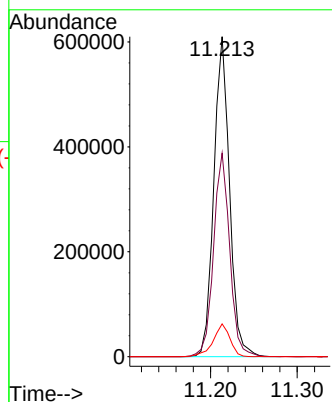
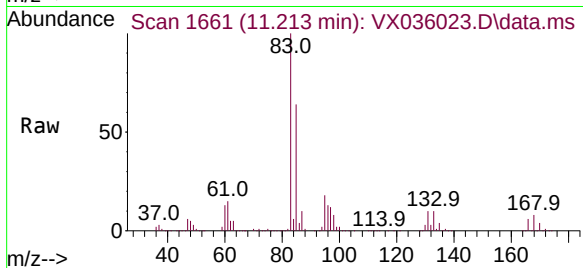




#57
1,1,2,2-Tetrachloroethane
Concen: 212.088 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

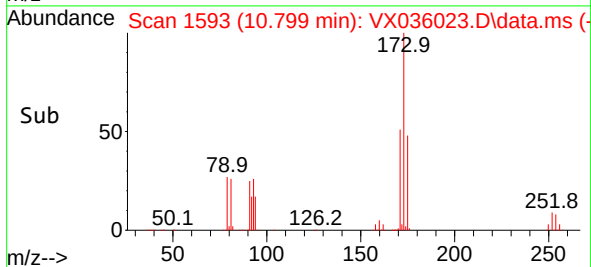
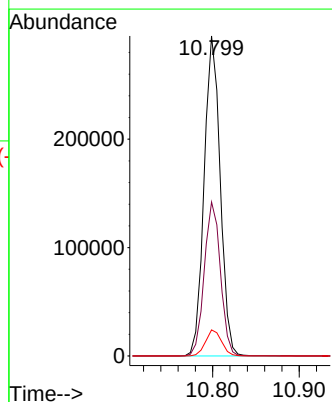
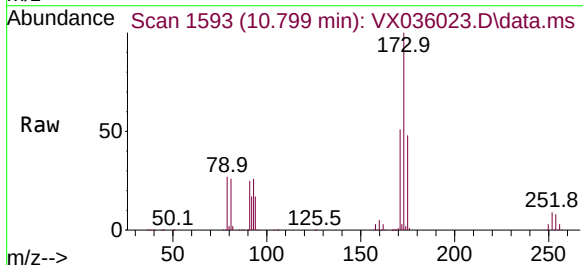
Instrument :
MSVOA_X
ClientSampleId :
VSTD200642

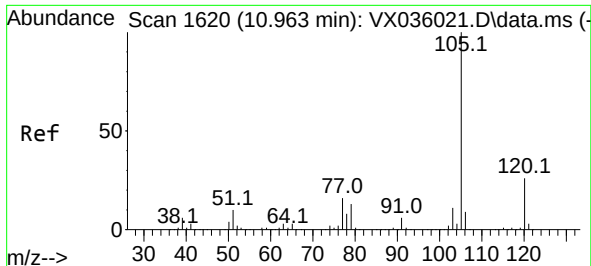
Tgt Ion: 83 Resp: 767789
Ion Ratio Lower Upper
83 100
85 63.6 45.6 84.8
131 10.3 8.1 12.1



#59
Bromoform
Concen: 236.035 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

Tgt Ion: 173 Resp: 380496
Ion Ratio Lower Upper
173 100
175 48.3 38.2 57.2
254 8.2 6.6 10.0

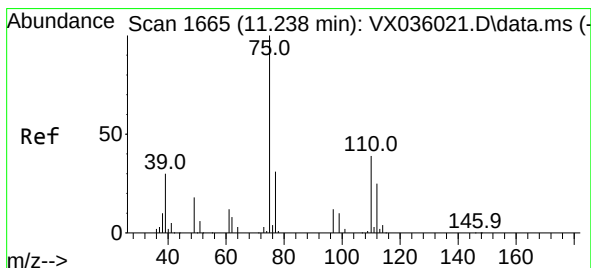
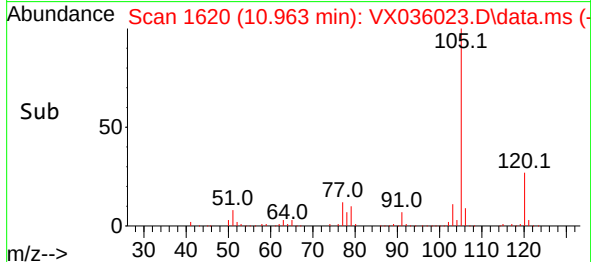
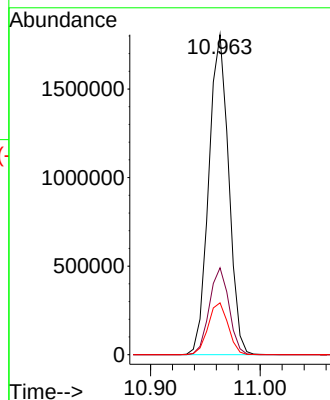
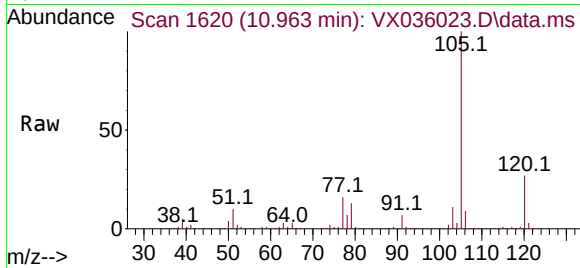




#60
Isopropylbenzene
Concen: 209.185 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

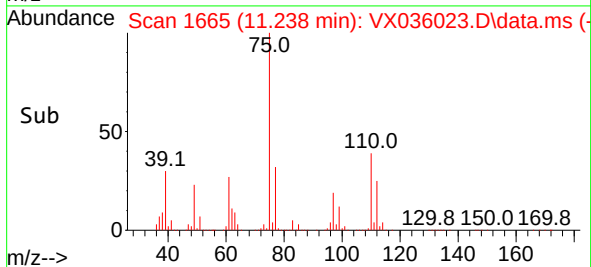
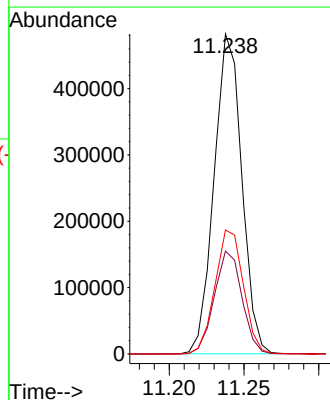
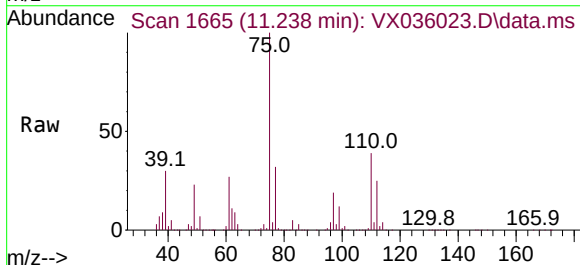
Instrument :
MSVOA_X
ClientSampleId :
VSTD200642

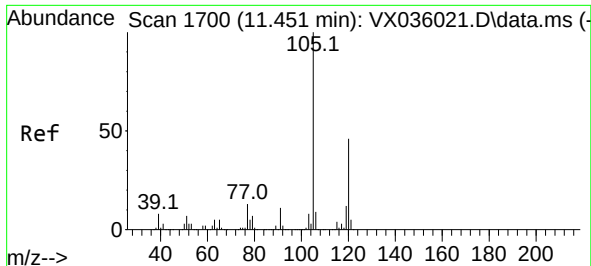
Tgt Ion:105 Resp: 2276881
Ion Ratio Lower Upper
105 100
120 26.8 20.9 31.3
77 16.3 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 208.509 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

Tgt Ion: 75 Resp: 620636
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8
110 39.8 31.8 47.6

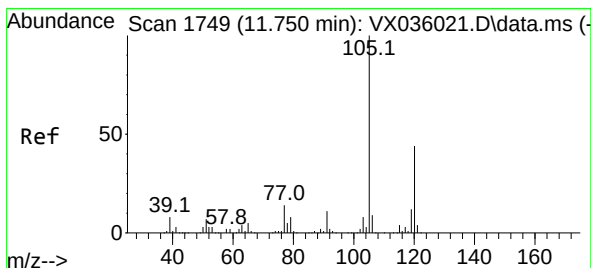
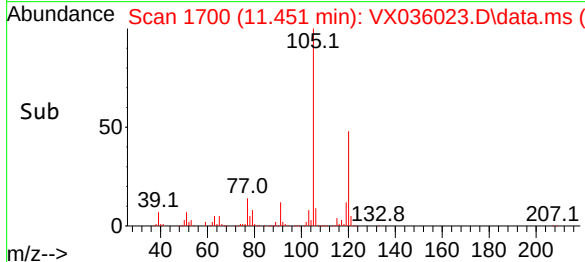
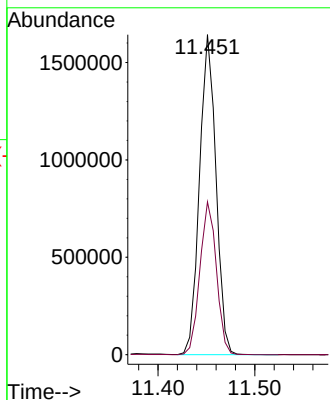
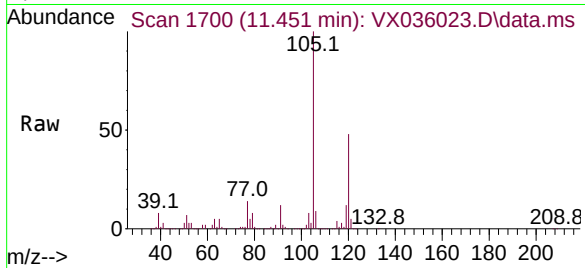




#62
 1,3,5-Trimethylbenzene
 Concen: 216.839 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX036023.D
 Acq: 06 Jun 2023 10:58

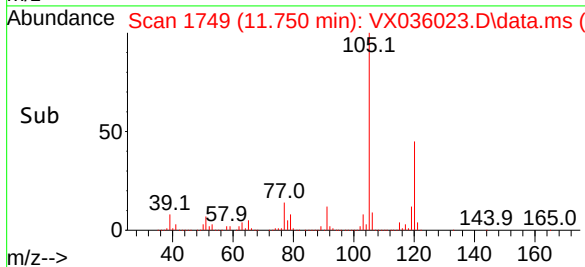
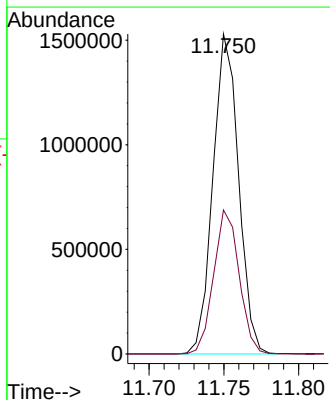
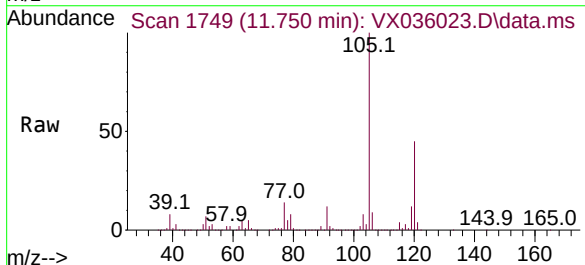
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200642

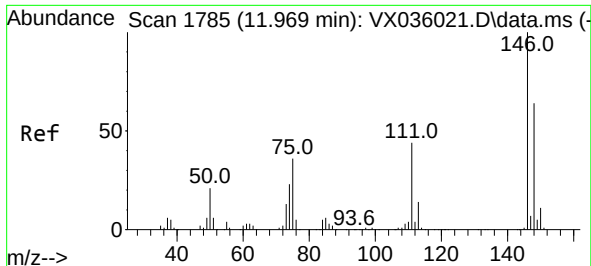
Tgt Ion:105 Resp: 1944491
 Ion Ratio Lower Upper
 105 100
 120 47.8 37.0 55.4



#63
 1,2,4-Trimethylbenzene
 Concen: 208.017 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX036023.D
 Acq: 06 Jun 2023 10:58

Tgt Ion:105 Resp: 1819264
 Ion Ratio Lower Upper
 105 100
 120 44.8 35.0 52.6

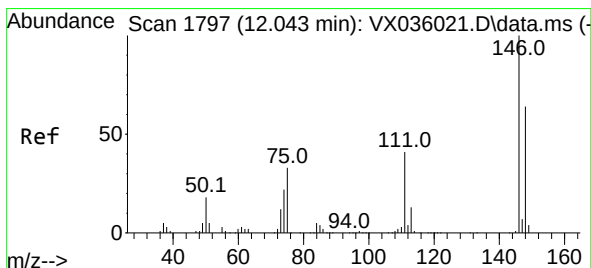
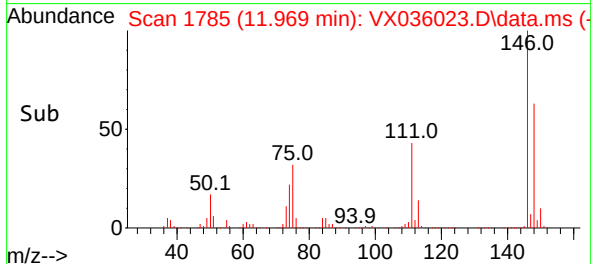
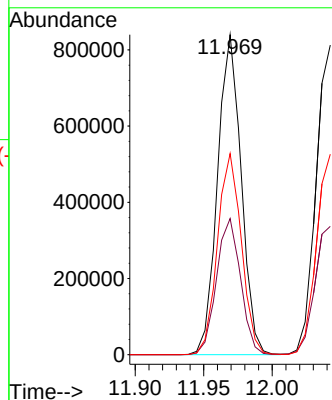
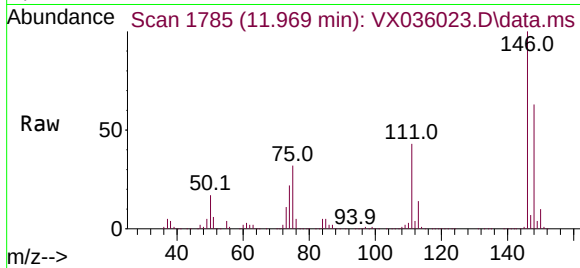




#64
1,3-Dichlorobenzene
Concen: 205.190 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

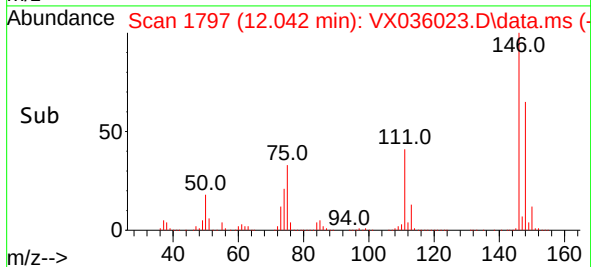
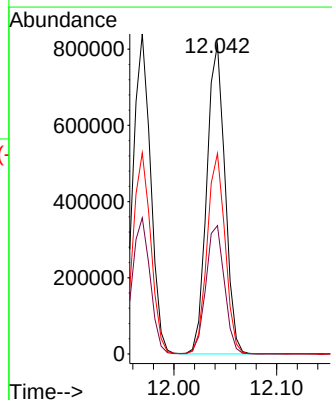
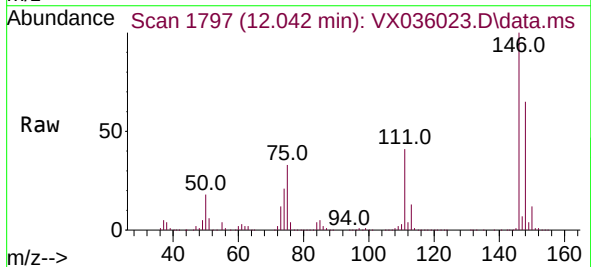
Instrument :
MSVOA_X
ClientSampleId :
VSTD200642

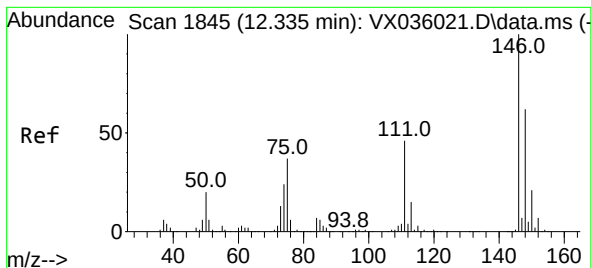
Tgt Ion:146 Resp: 1007536
Ion Ratio Lower Upper
146 100
111 42.6 30.9 57.3
148 62.8 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 199.519 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

Tgt Ion:146 Resp: 1002530
Ion Ratio Lower Upper
146 100
111 41.5 28.8 53.4
148 64.8 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 191.362 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX036023.D

Acq: 06 Jun 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTD200642

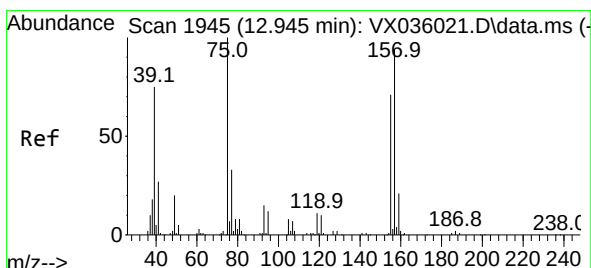
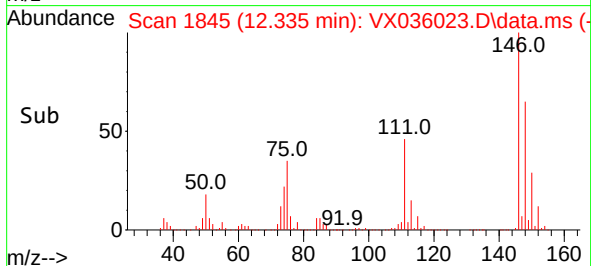
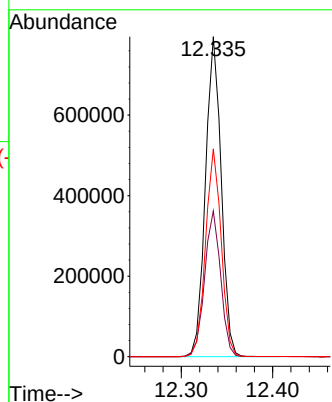
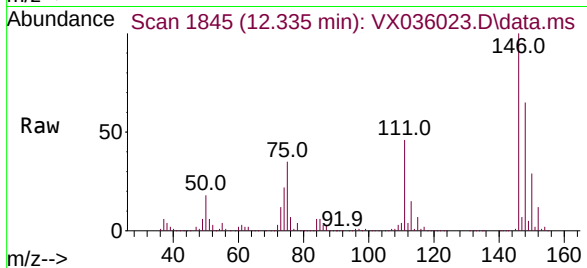
Tgt Ion:146 Resp: 950066

Ion Ratio Lower Upper

146 100

111 45.5 37.0 55.4

148 64.9 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 245.307 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX036023.D

Acq: 06 Jun 2023 10:58

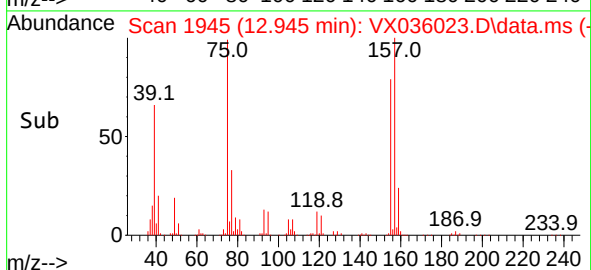
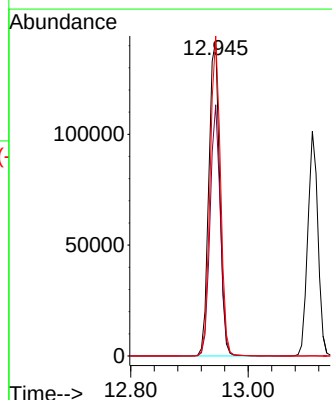
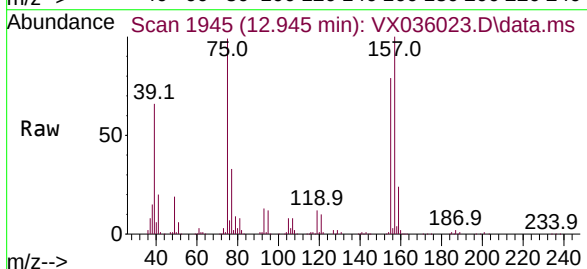
Tgt Ion: 75 Resp: 181141

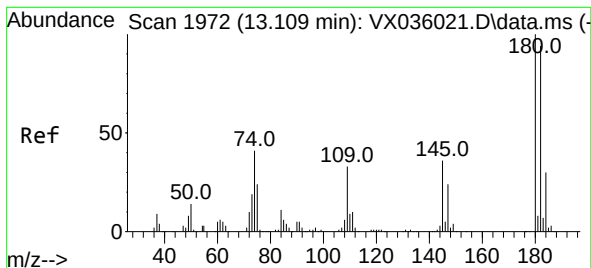
Ion Ratio Lower Upper

75 100

155 79.7 57.0 85.6

157 101.5 75.2 112.8





#69

1,3,5-Trichlorobenzene

Concen: 198.787 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VX036023.D

Acq: 06 Jun 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTD200642

Tgt Ion:180 Resp: 603357

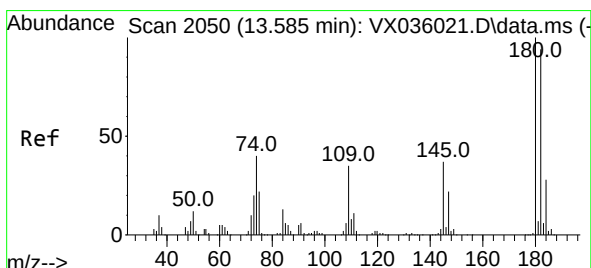
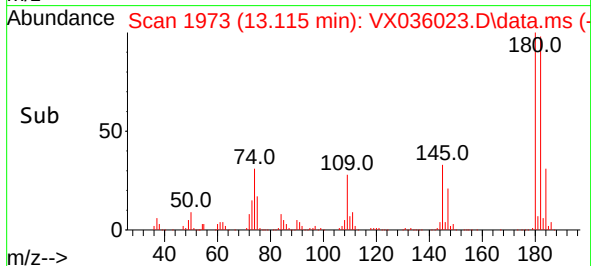
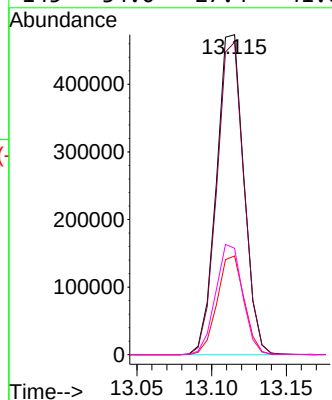
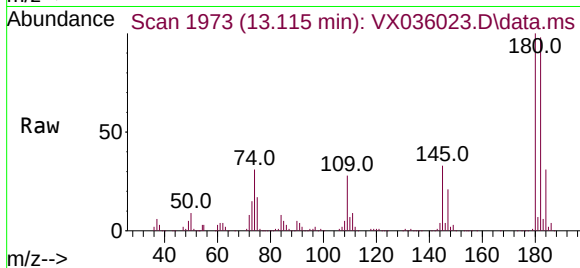
Ion Ratio Lower Upper

180 100

182 96.7 76.0 114.0

184 30.5 23.8 35.8

145 34.0 27.4 41.0



#70

1,2,4-trichlorobenzene

Concen: 206.954 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036023.D

Acq: 06 Jun 2023 10:58

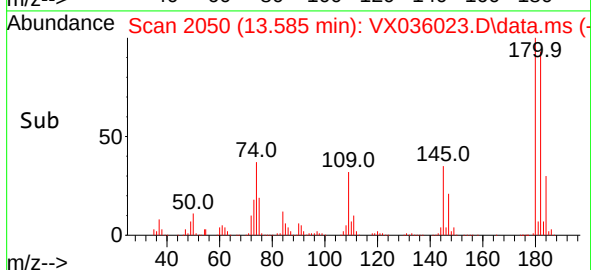
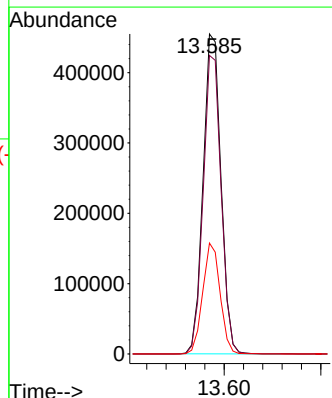
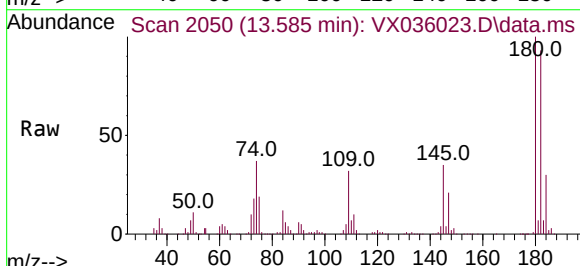
Tgt Ion:180 Resp: 584901

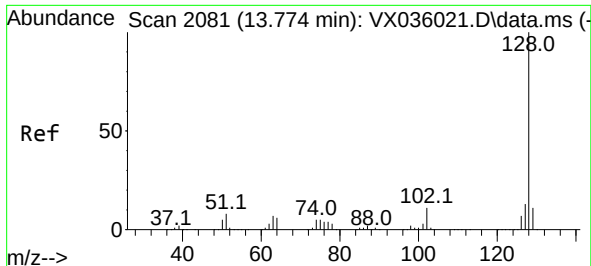
Ion Ratio Lower Upper

180 100

182 93.6 74.6 112.0

145 33.8 28.6 42.8

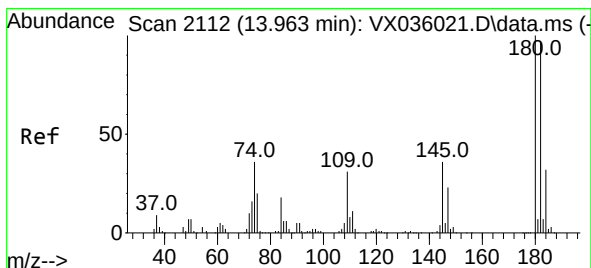
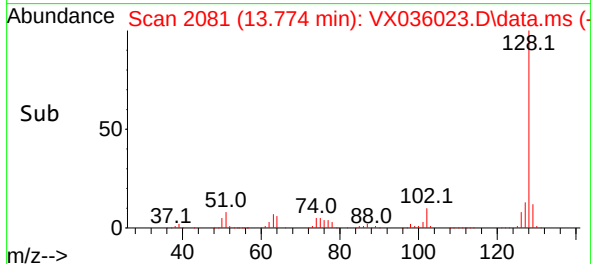
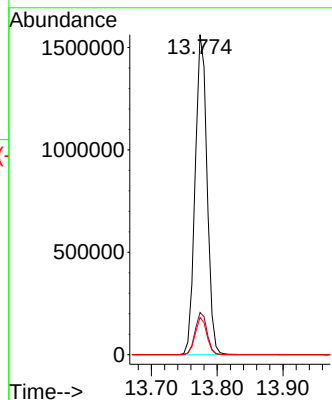
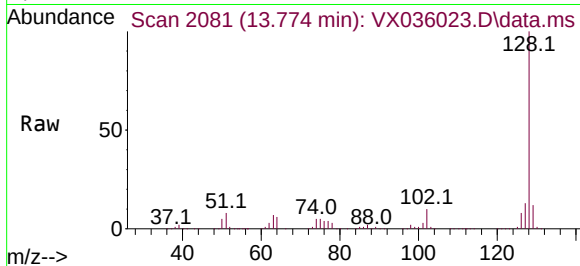




#71
Naphthalene
Concen: 197.274 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTD200642

Tgt Ion:128 Resp: 1946097
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.3 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 201.264 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036023.D
Acq: 06 Jun 2023 10:58

Tgt Ion:180 Resp: 559182
Ion Ratio Lower Upper
180 100
182 95.8 75.4 113.2
145 37.1 29.4 44.0

