

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021323\
 Data File : VX034139.D
 Acq On : 13 Feb 2023 12:08
 Operator : JC/MD
 Sample : VSTD20023
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200623

Quant Time: Feb 13 12:45:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 13 12:44:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	137710	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	101457	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	70672	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	122276	146.956	ug/L	0.00
7) Chloroethane-d5	1.654	69	79871	152.217	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.307	63	312622	191.803	ug/L	0.00
21) 2-Butanone-d5	4.446	46	193482	385.394	ug/L	0.00
24) Chloroform-d	5.056	84	344885	208.386	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	242197	237.798	ug/L	0.00
32) Benzene-d6	5.977	84	719877	246.807	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	221328	257.882	ug/L	0.00
41) Toluene-d8	8.647	98	504654	182.387	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	94225	236.928	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	147782	455.798	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	287380	264.549	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	310240	218.916	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	304633	269.784	ug/L	100
3) Chloromethane	1.294	50	128554	147.382	ug/L	98
5) Vinyl chloride	1.374	62	136717	154.917	ug/L	99
6) Bromomethane	1.599	94	92666	190.449	ug/L	98
8) Chloroethane	1.679	64	68110	143.737	ug/L	97
9) Trichlorofluoromethane	1.886	101	280408	207.892	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	170898	186.951	ug/L	96
12) 1,1-Dichloroethene	2.319	96	148655	179.531	ug/L	89
13) Acetone	2.374	43	130228	256.651	ug/L	94
14) Carbon disulfide	2.514	76	412579	184.766	ug/L	100
15) Methyl Acetate	2.697	43	136057	165.773	ug/L	97
16) Methylene chloride	2.788	84	147317	168.957	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	129793	152.334	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	438815	173.251	ug/L	95
19) 1,1-Dichloroethane	3.605	63	277328	185.557	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	182196	186.986	ug/L	97
22) 2-Butanone	4.550	43	205411	326.070	ug/L	98
23) Bromochloromethane	4.891	128	106386	194.880	ug/L	94
25) Chloroform	5.093	83	323805	201.158	ug/L	98
27) 1,2-Dichloroethane	6.086	62	289763	230.051	ug/L	96
29) Cyclohexane	5.477	56	240533	192.266	ug/L	94
30) 1,1,1-Trichloroethane	5.385	97	305335	253.638	ug/L	97
31) Carbon tetrachloride	5.678	117	299618	266.686	ug/L	100
33) Benzene	6.038	78	727122	237.051	ug/L	100
34) Trichloroethene	7.123	95	218322	260.054	ug/L	99
35) Methylcyclohexane	7.379	83	344896	259.425	ug/L	98
37) 1,2-Dichloropropane	7.428	63	188546	243.665	ug/L	99
38) Bromodichloromethane	7.818	83	278273	275.555	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	336825	280.865	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	419128	440.977	ug/L	97
42) Toluene	8.720	91	540432	164.634	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	256585	236.742	ug/L	99

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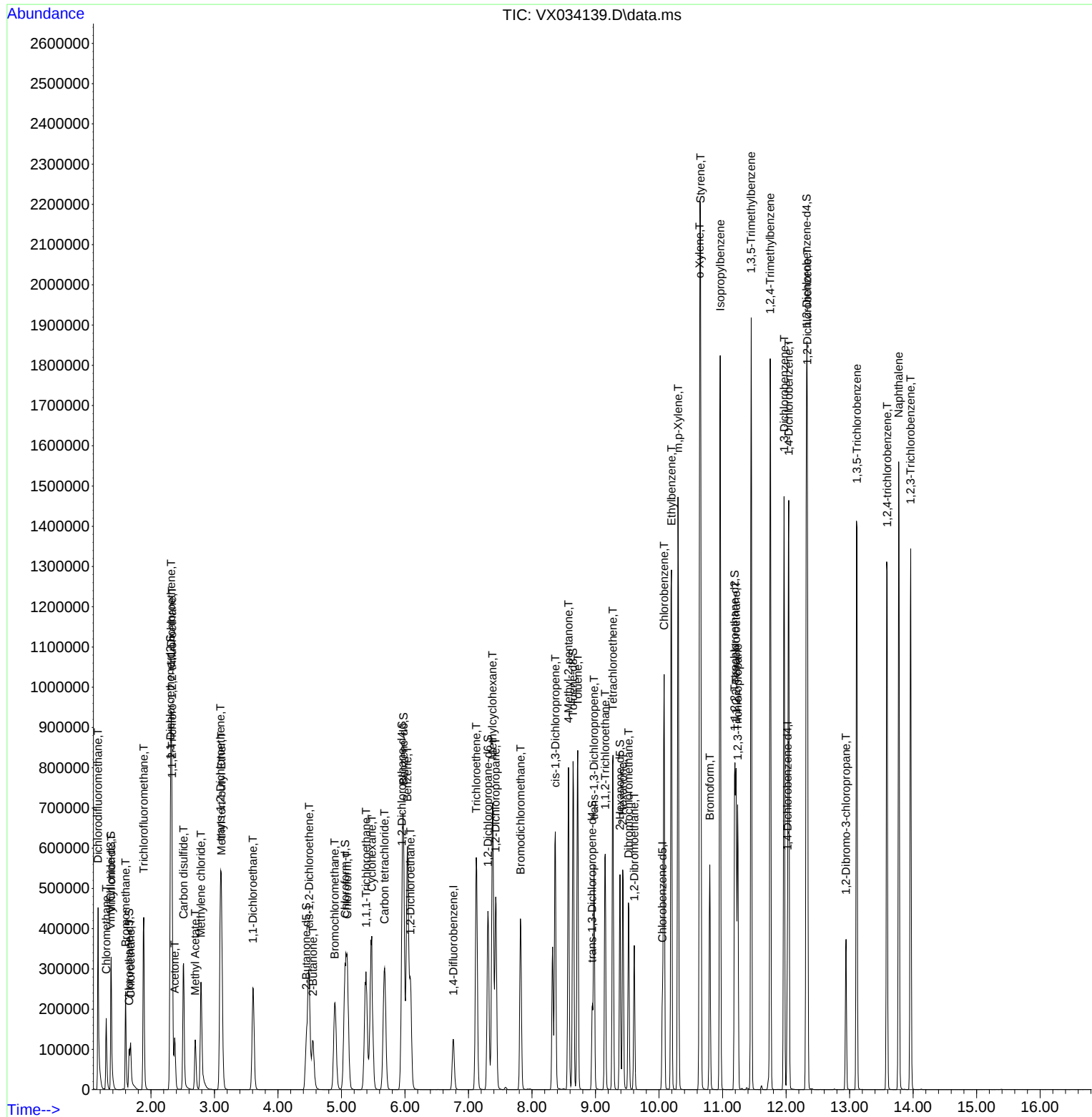
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	159678	201.304	ug/L	98
46) Tetrachloroethene	9.275	164	172657	213.512	ug/L	98
48) 2-Hexanone	9.427	43	278757	370.085	ug/L	98
49) Dibromochloromethane	9.519	129	204270	235.533	ug/L	98
50) 1,2-Dibromoethane	9.610	107	187174	218.981	ug/L #	100
51) Chlorobenzene	10.079	112	454833	205.220	ug/L	99
52) Ethylbenzene	10.195	91	766669	211.457	ug/L	96
53) m,p-Xylene	10.299	106	329429	227.790	ug/L	94
54) o-Xylene	10.640	106	352778	252.608	ug/L	92
55) Styrene	10.653	104	602542	256.430	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.213	83	286085	257.257	ug/L	99
59) Bromoform	10.799	173	213161	240.830	ug/L	99
60) Isopropylbenzene	10.963	105	969746	208.290	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	219470	203.750	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	823426	215.199	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	799027	213.318	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	493084	212.382	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	499317	212.659	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	475363	209.586	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	68010	248.706	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	389352	221.305	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	363296	227.314	ug/L	99
71) Naphthalene	13.774	128	983768	223.932	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	350913	222.217	ug/L	99

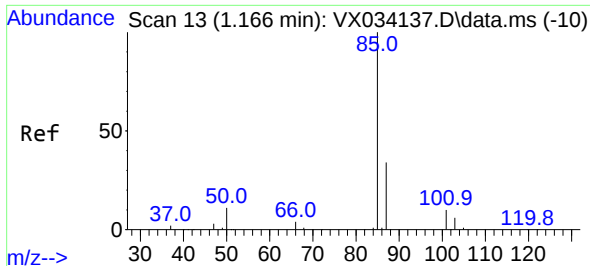
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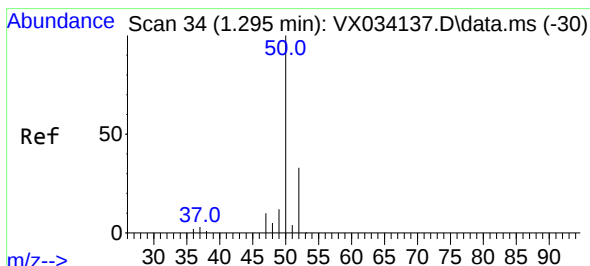
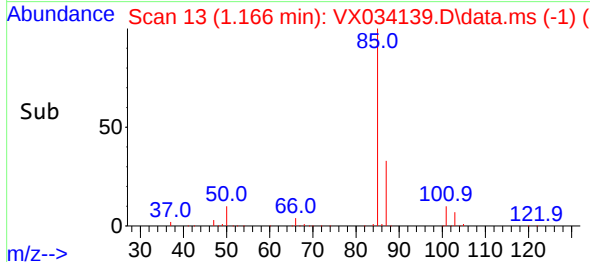
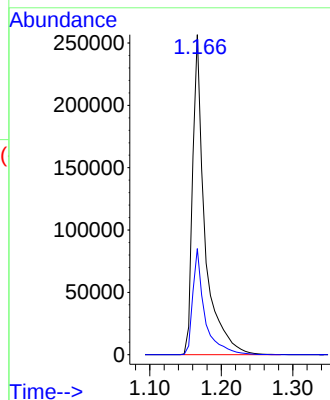
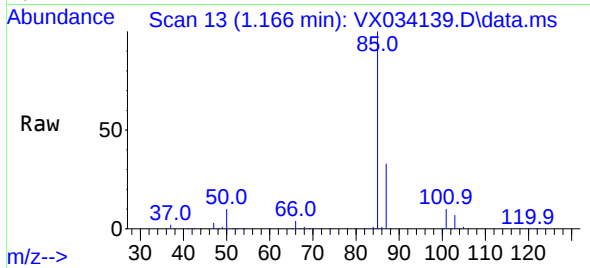




#2
 Dichlorodifluoromethane
 Concen: 269.784 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034139.D
 Acq: 13 Feb 2023 12:08

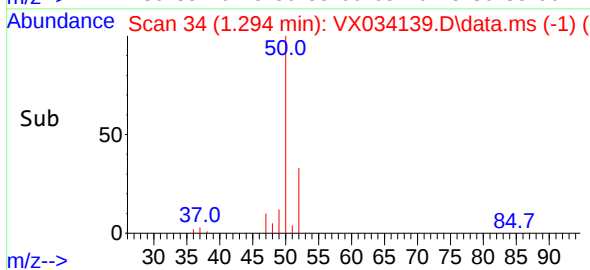
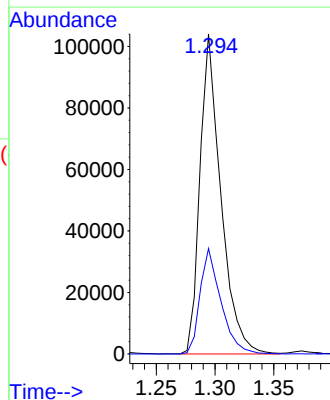
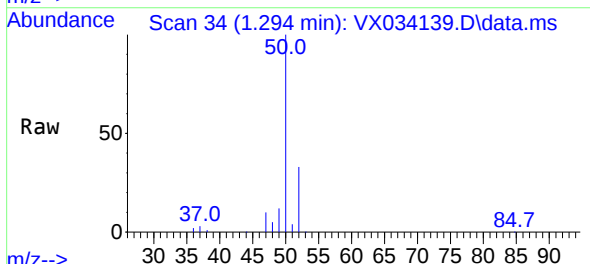
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200623

Tgt Ion: 85 Resp: 304633
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9

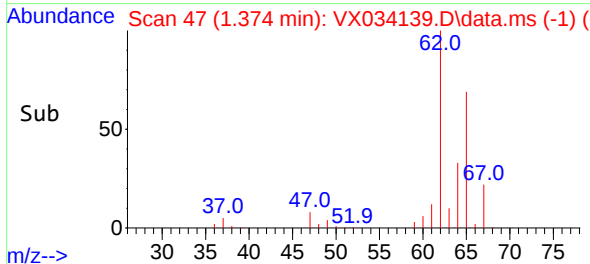
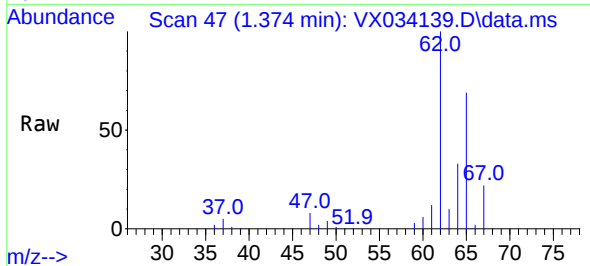
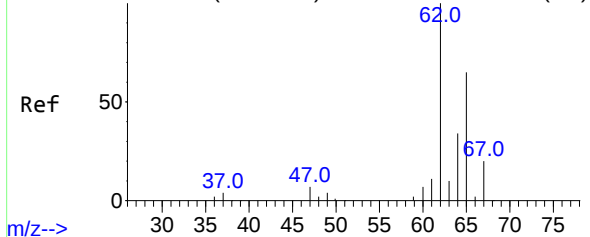


#3
 Chloromethane
 Concen: 147.382 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX034139.D
 Acq: 13 Feb 2023 12:08

Tgt Ion: 50 Resp: 128554
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.5 41.7



Abundance Scan 47 (1.374 min): VX034137.D\data.ms (-43)



#5

Vinyl chloride

Concen: 154.917 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX034139.D

Acq: 13 Feb 2023 12:08

Instrument :

MSVOA_X

ClientSampleId :

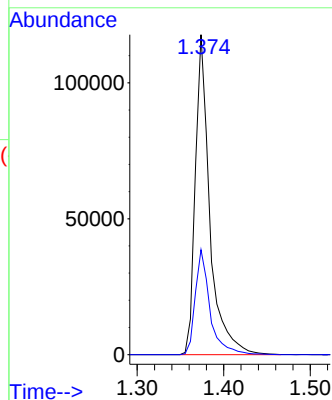
VSTD200623

Tgt Ion: 62 Resp: 136717

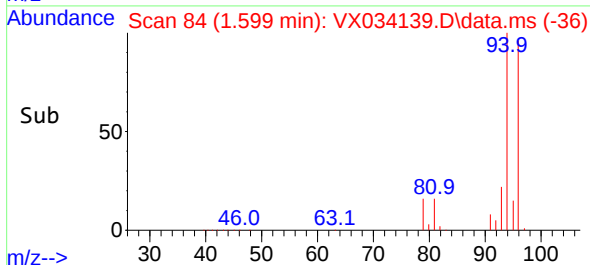
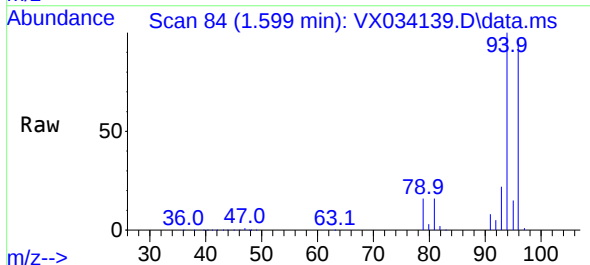
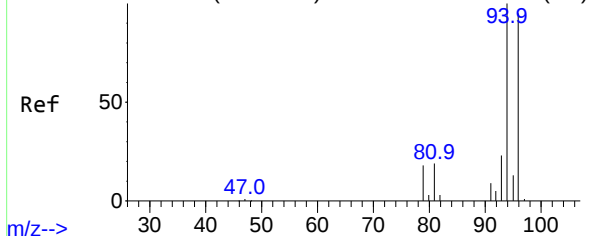
Ion Ratio Lower Upper

62 100

64 32.8 23.2 43.0



Abundance Scan 85 (1.605 min): VX034137.D\data.ms (-81)



#6

Bromomethane

Concen: 190.449 ug/L

RT: 1.599 min Scan# 84

Delta R.T. -0.006 min

Lab File: VX034139.D

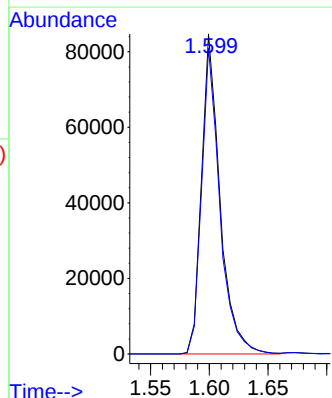
Acq: 13 Feb 2023 12:08

Tgt Ion: 94 Resp: 92666

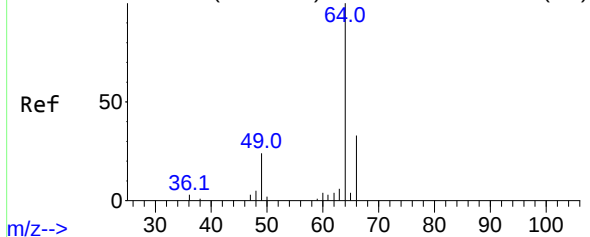
Ion Ratio Lower Upper

94 100

96 95.7 65.7 122.1



Abundance Scan 98 (1.685 min): VX034137.D\data.ms (-94)



#8

Chloroethane

Concen: 143.737 ug/L

RT: 1.679 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX034139.D

Acq: 13 Feb 2023 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTD200623

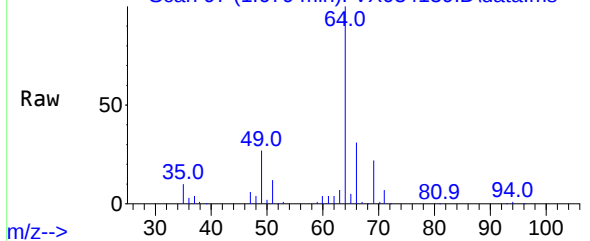
Tgt Ion: 64 Resp: 68110

Ion Ratio Lower Upper

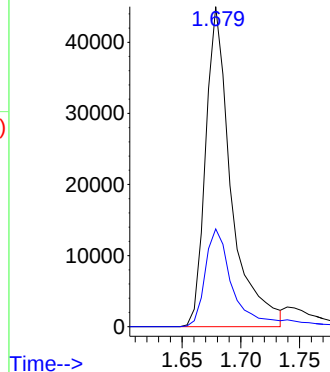
64 100

66 30.6 22.5 41.9

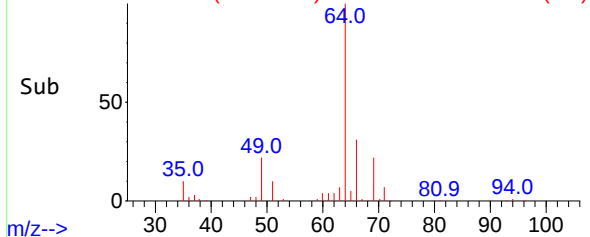
Abundance Scan 97 (1.679 min): VX034139.D\data.ms



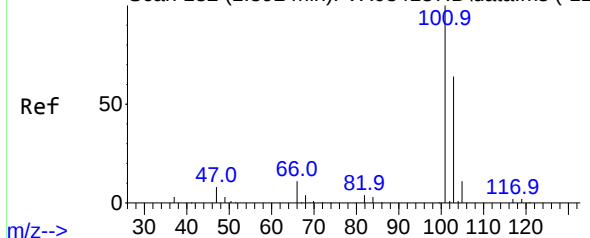
Abundance



Abundance Scan 97 (1.679 min): VX034139.D\data.ms (-32)



Abundance Scan 132 (1.892 min): VX034137.D\data.ms (-12)



#9

Trichlorofluoromethane

Concen: 207.892 ug/L

RT: 1.886 min Scan# 131

Delta R.T. -0.006 min

Lab File: VX034139.D

Acq: 13 Feb 2023 12:08

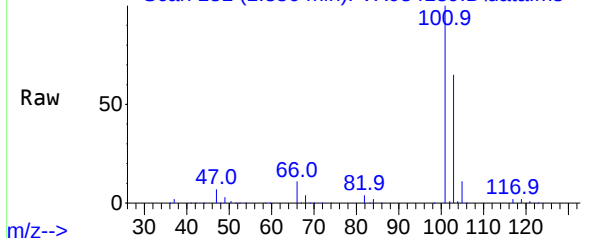
Tgt Ion:101 Resp: 280408

Ion Ratio Lower Upper

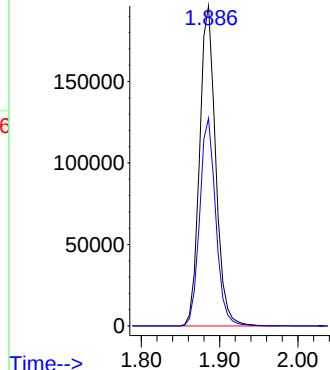
101 100

103 65.0 52.6 78.8

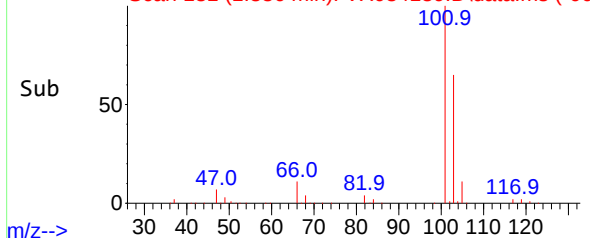
Abundance Scan 131 (1.886 min): VX034139.D\data.ms

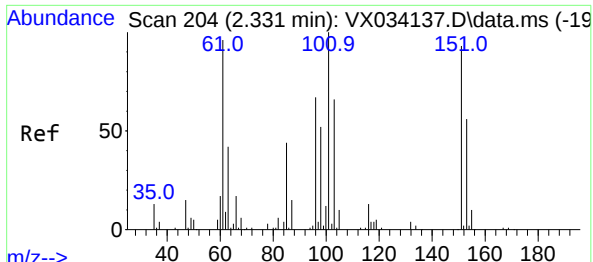


Abundance



Abundance Scan 131 (1.886 min): VX034139.D\data.ms (-66)

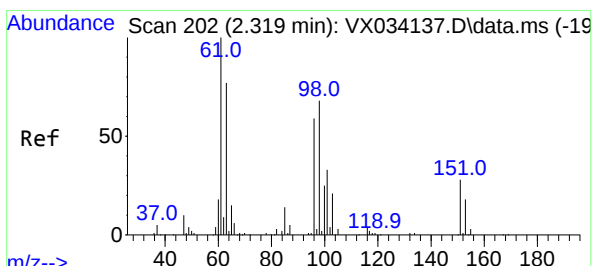
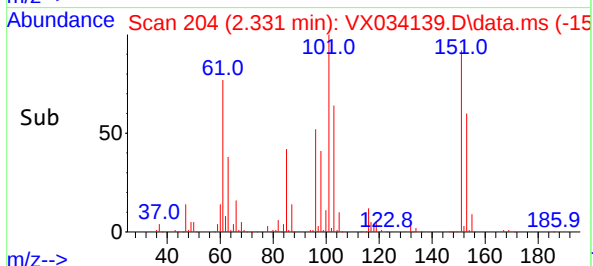
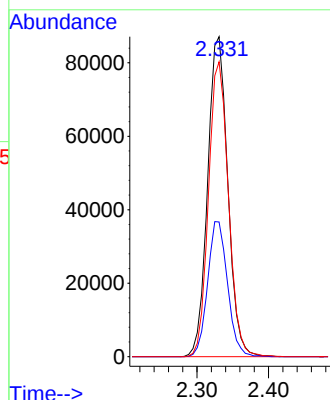
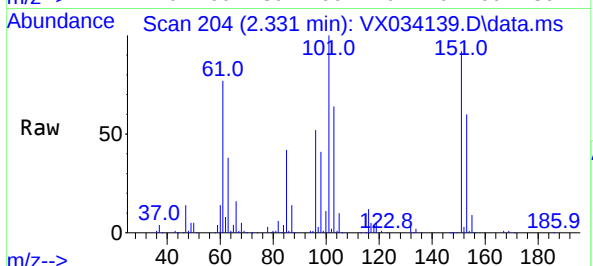




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 186.951 ug/L
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

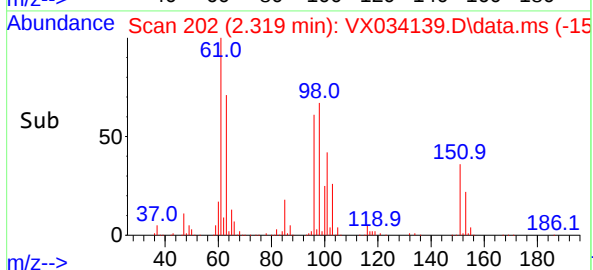
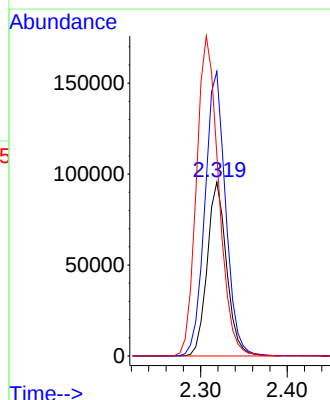
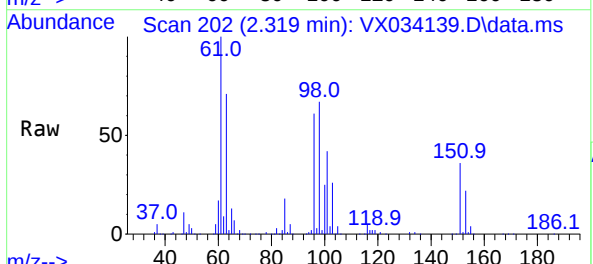
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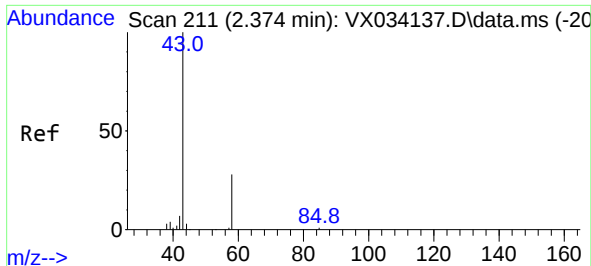
Tgt Ion:101 Resp: 170898
Ion Ratio Lower Upper
101 100
85 41.6 32.2 48.4
151 90.8 69.3 103.9



#12
1,1-Dichloroethene
Concen: 179.531 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Tgt Ion: 96 Resp: 148655
Ion Ratio Lower Upper
96 100
61 163.5 107.6 199.8
63 115.8 69.6 129.2





#13

Acetone

Concen: 256.651 ug/L

RT: 2.374 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX034139.D

Acq: 13 Feb 2023 12:08

Instrument :

MSVOA_X

ClientSampleId :

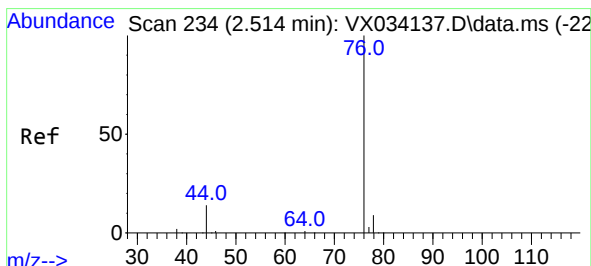
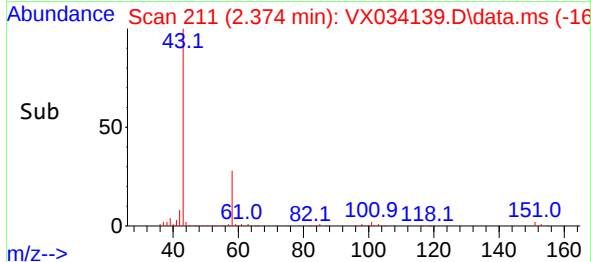
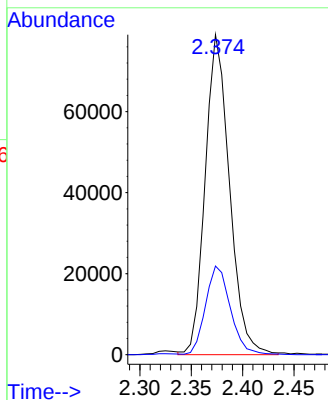
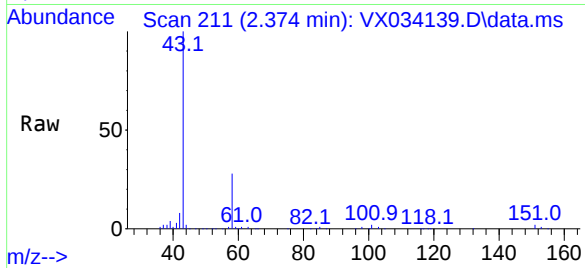
VSTD200623

Tgt Ion: 43 Resp: 130228

Ion Ratio Lower Upper

43 100

58 28.3 0.0 62.8



#14

Carbon disulfide

Concen: 184.766 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX034139.D

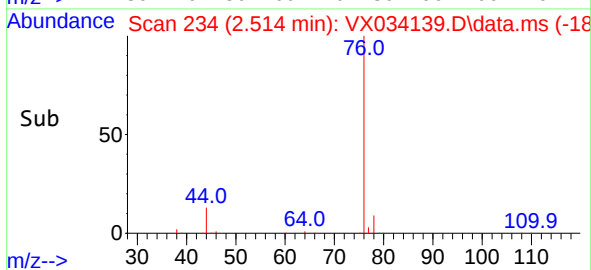
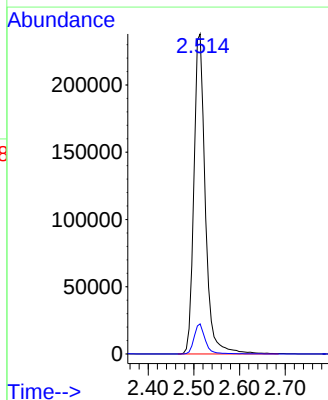
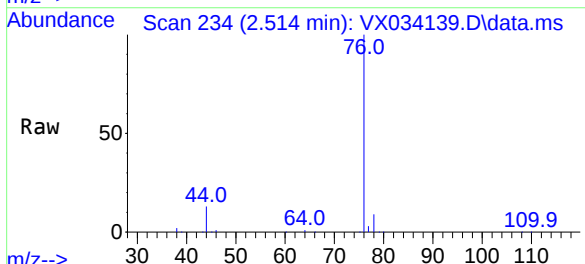
Acq: 13 Feb 2023 12:08

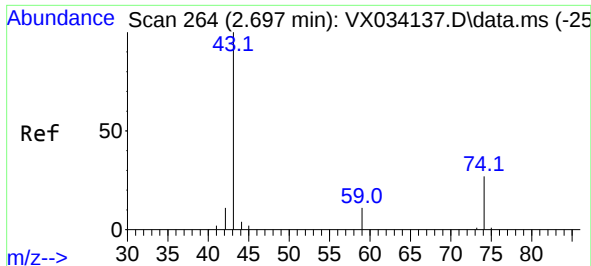
Tgt Ion: 76 Resp: 412579

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

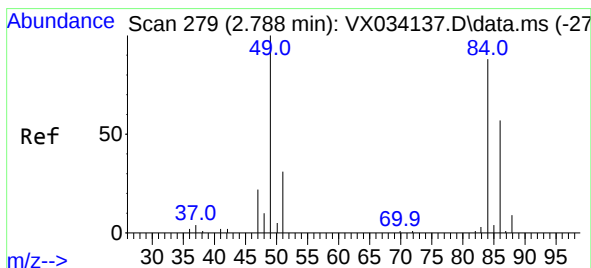
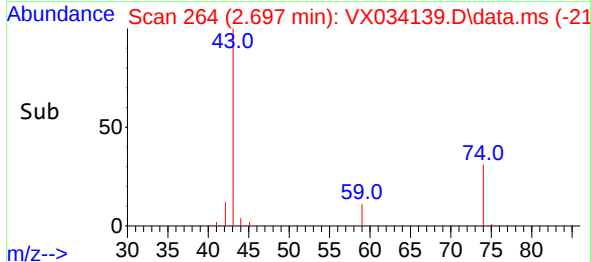
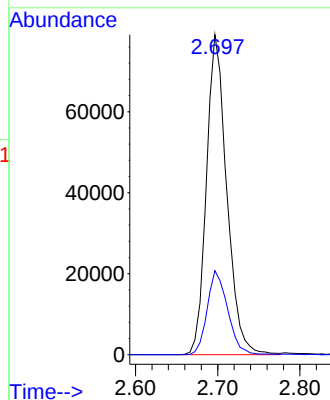
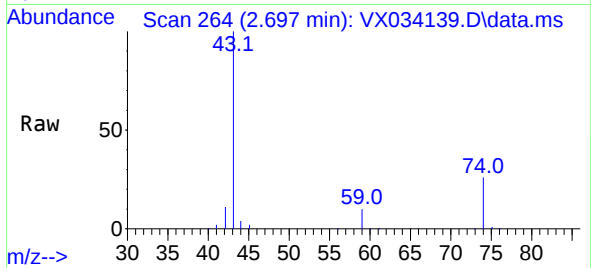




#15
Methyl Acetate
Concen: 165.773 ug/L
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

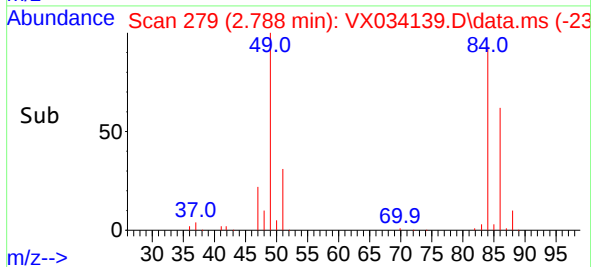
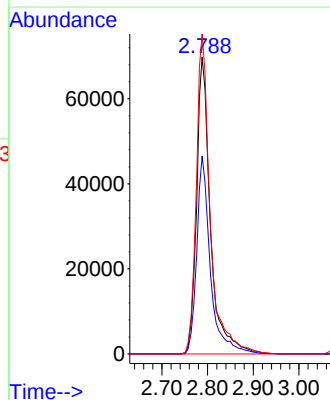
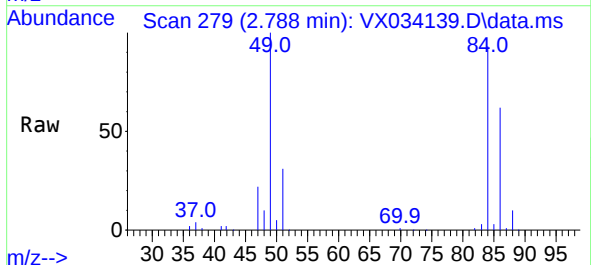
Instrument :
MSVOA_X
ClientSampleId :
VSTD200623

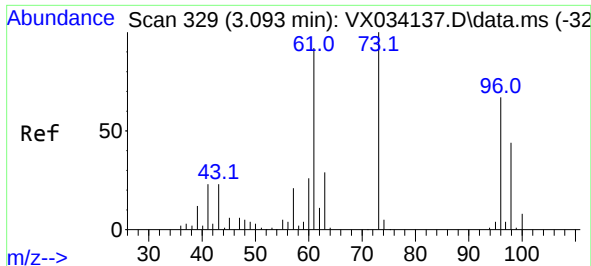
Tgt Ion: 43 Resp: 136057
Ion Ratio Lower Upper
43 100
74 26.3 19.7 29.5



#16
Methylene chloride
Concen: 168.957 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Tgt Ion: 84 Resp: 147317
Ion Ratio Lower Upper
84 100
86 66.6 45.2 84.0
49 107.8 82.5 153.1

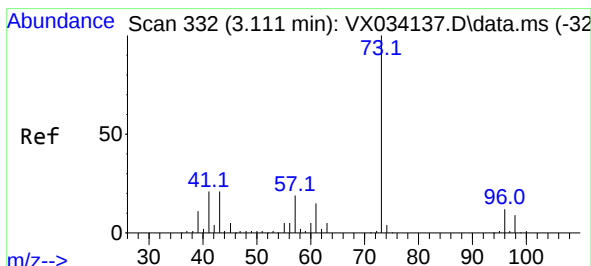
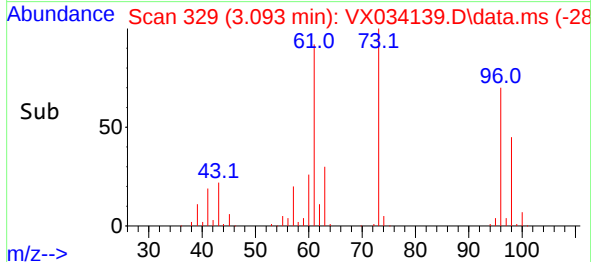
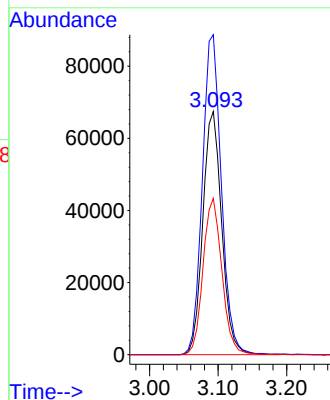
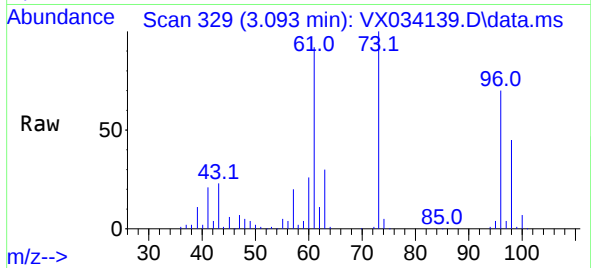




#17
trans-1,2-Dichloroethene
Concen: 152.334 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

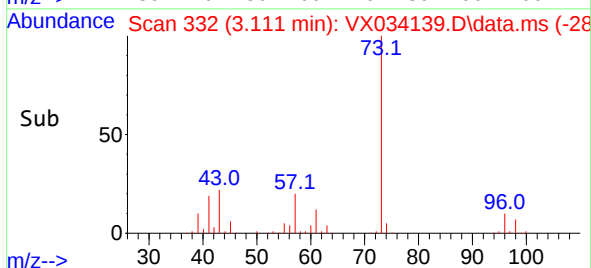
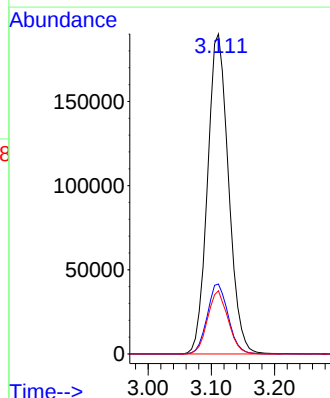
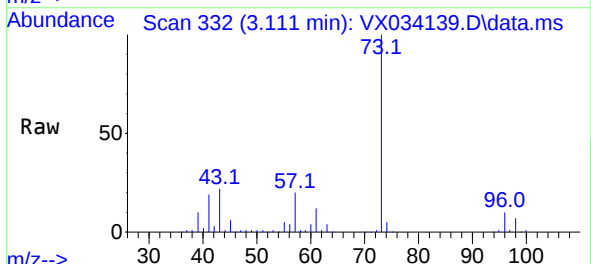
Instrument :
MSVOA_X
ClientSampleId :
VSTD200623

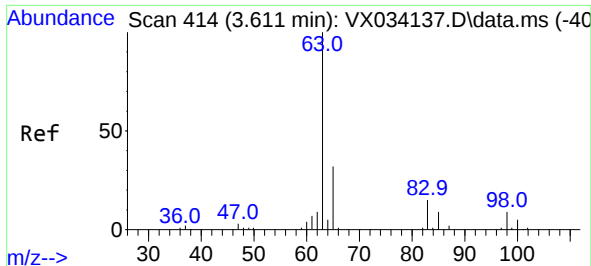
Tgt Ion: 96 Resp: 129793
Ion Ratio Lower Upper
96 100
61 131.6 87.7 162.9
98 64.3 45.4 84.4



#18
Methyl tert-butyl Ether
Concen: 173.251 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Tgt Ion: 73 Resp: 438815
Ion Ratio Lower Upper
73 100
43 21.9 15.6 23.4
57 19.3 17.5 26.3

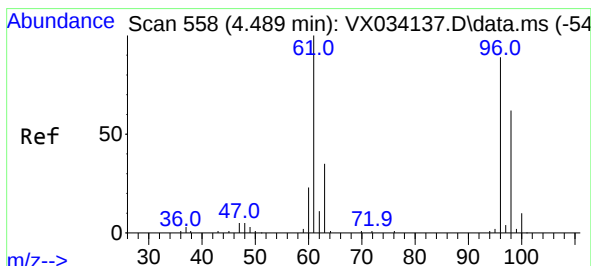
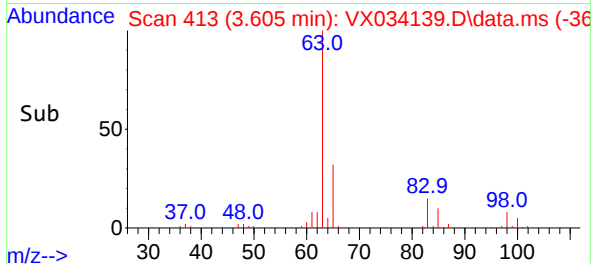
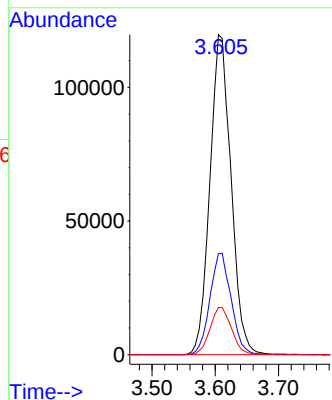
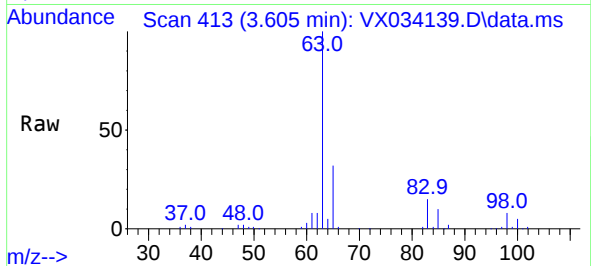




#19
1,1-Dichloroethane
Concen: 185.557 ug/L
RT: 3.605 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

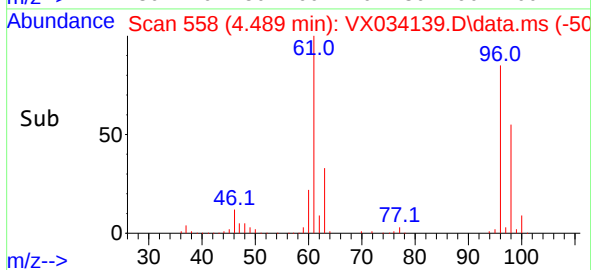
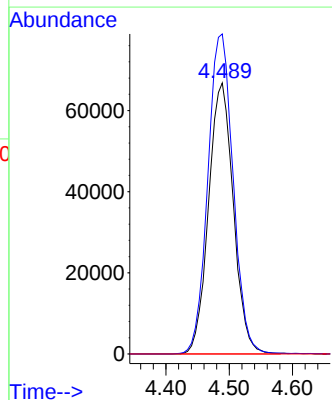
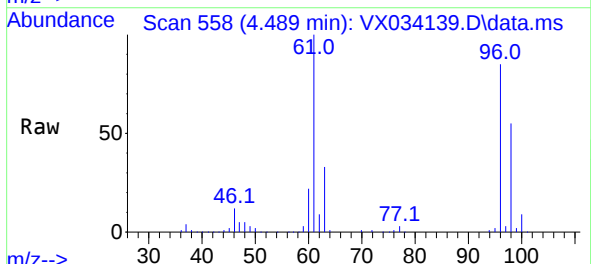
Instrument :
MSVOA_X
ClientSampleId :
VSTD200623

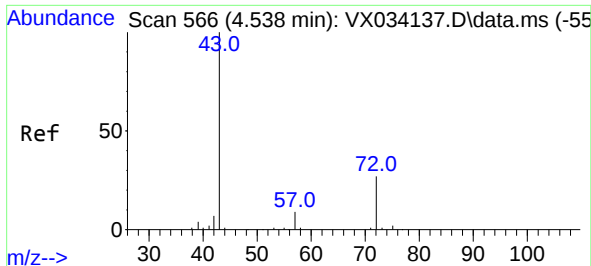
Tgt Ion: 63 Resp: 277328
Ion Ratio Lower Upper
63 100
65 31.6 21.9 40.7
83 14.8 10.6 19.6



#20
cis-1,2-Dichloroethene
Concen: 186.986 ug/L
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Tgt Ion: 96 Resp: 182196
Ion Ratio Lower Upper
96 100
61 118.1 80.3 149.1
68 0.0 0.0 0.0

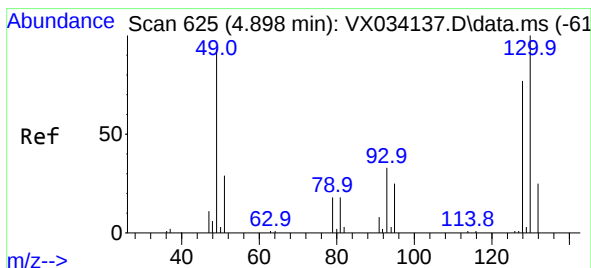
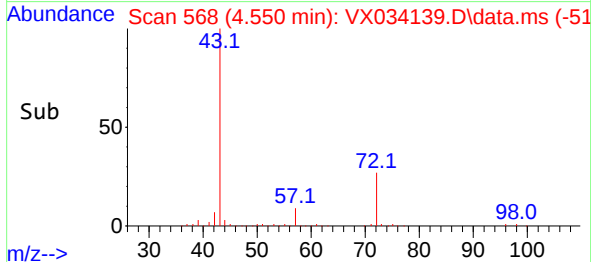
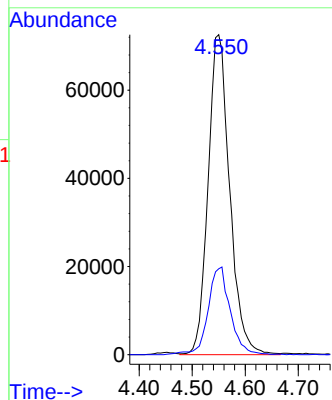
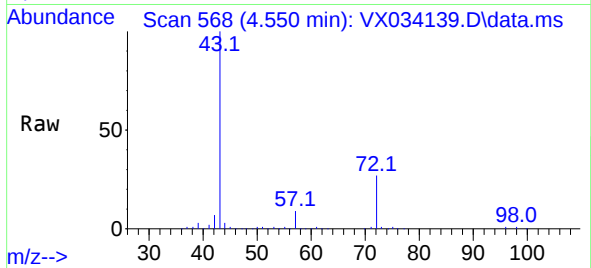




#22
2-Butanone
Concen: 326.070 ug/L
RT: 4.550 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

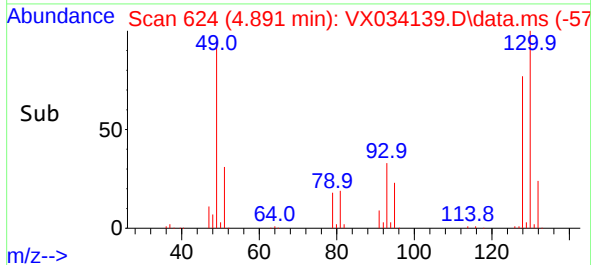
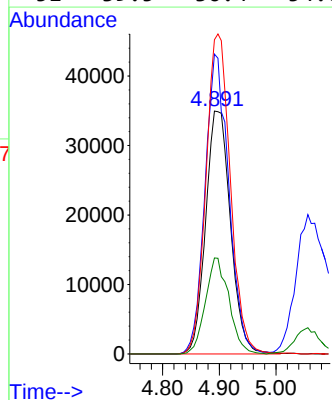
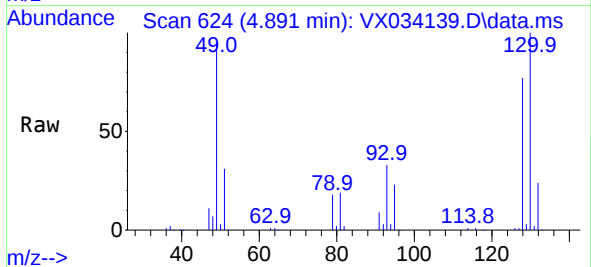
Instrument :
MSVOA_X
ClientSampleId :
VSTD200623

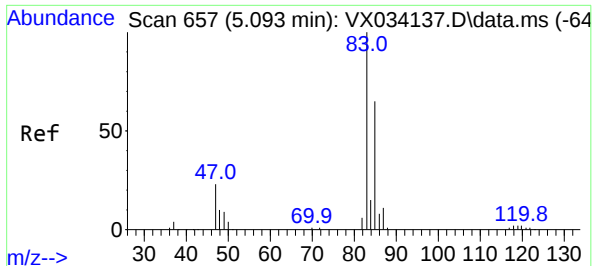
Tgt Ion: 43 Resp: 205411
Ion Ratio Lower Upper
43 100
72 27.4 13.2 39.6



#23
Bromochloromethane
Concen: 194.880 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Tgt Ion:128 Resp: 106386
Ion Ratio Lower Upper
128 100
49 123.4 94.7 175.9
130 129.4 91.3 169.6
51 39.5 36.4 54.6





#25

Chloroform

Concen: 201.158 ug/L

RT: 5.093 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX034139.D

Acq: 13 Feb 2023 12:08

Instrument :

MSVOA_X

ClientSampleId :

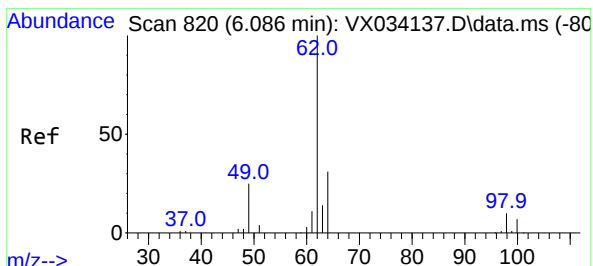
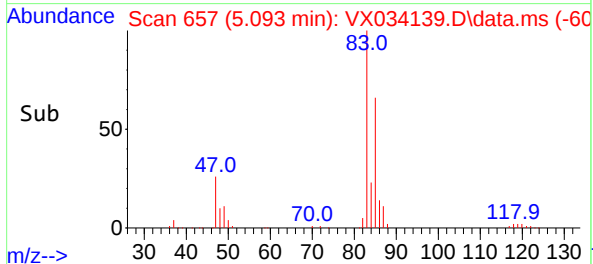
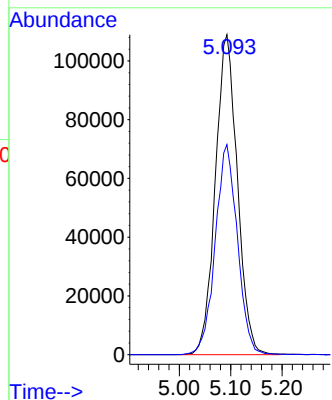
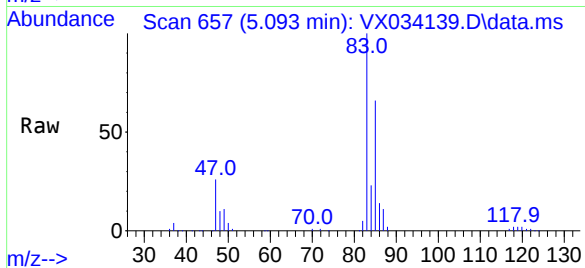
VSTD200623

Tgt Ion: 83 Resp: 323805

Ion Ratio Lower Upper

83 100

85 65.6 47.0 87.4



#27

1,2-Dichloroethane

Concen: 230.051 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.000 min

Lab File: VX034139.D

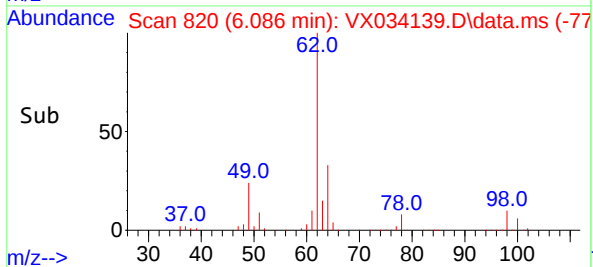
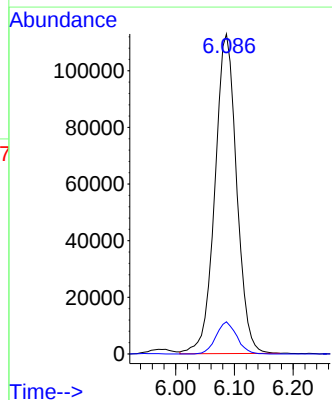
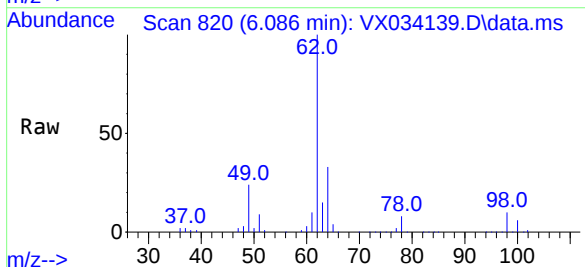
Acq: 13 Feb 2023 12:08

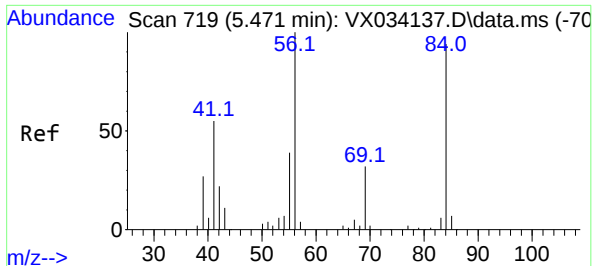
Tgt Ion: 62 Resp: 289763

Ion Ratio Lower Upper

62 100

98 10.1 9.1 13.7





#29

Cyclohexane

Concen: 192.266 ug/L

RT: 5.477 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX034139.D

Acq: 13 Feb 2023 12:08

Instrument :

MSVOA_X

ClientSampleId :

VSTD200623

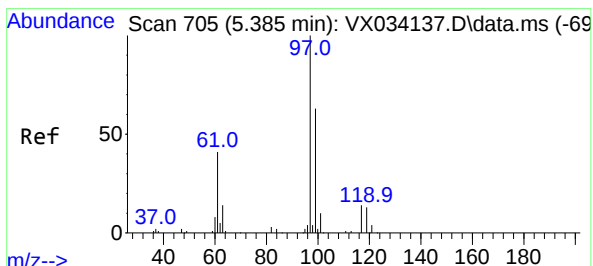
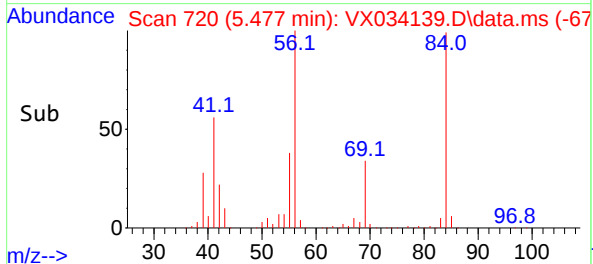
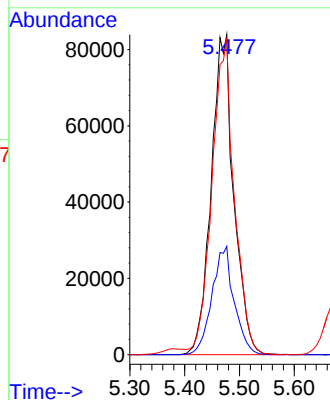
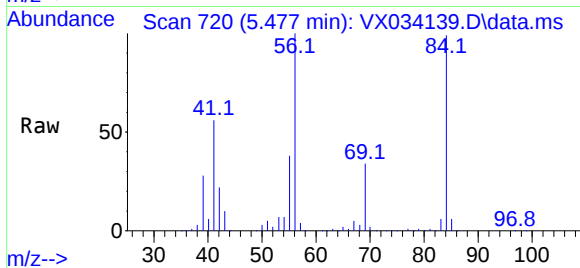
Tgt Ion: 56 Resp: 240533

Ion Ratio Lower Upper

56 100

69 33.0 24.8 37.2

84 97.7 73.2 109.8



#30

1,1,1-Trichloroethane

Concen: 253.638 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX034139.D

Acq: 13 Feb 2023 12:08

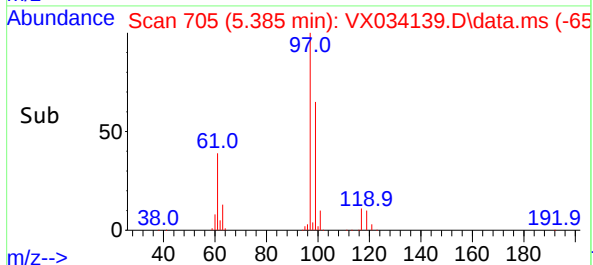
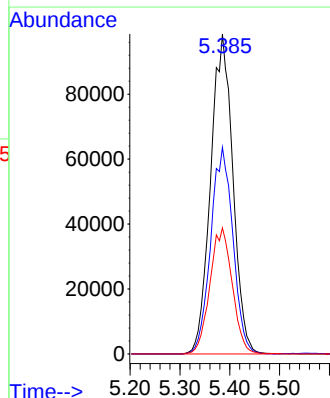
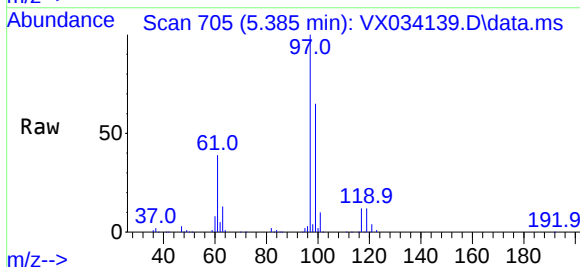
Tgt Ion: 97 Resp: 305335

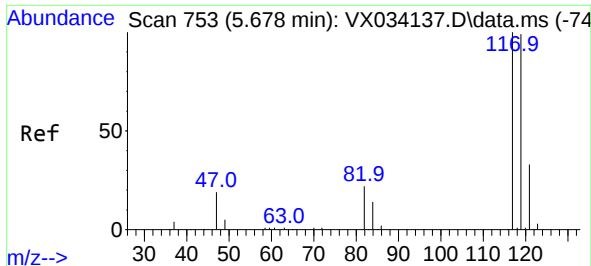
Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.8

61 39.5 34.7 52.1

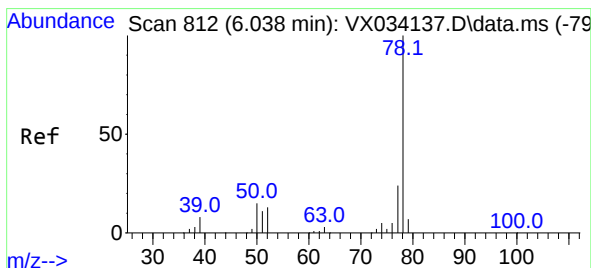
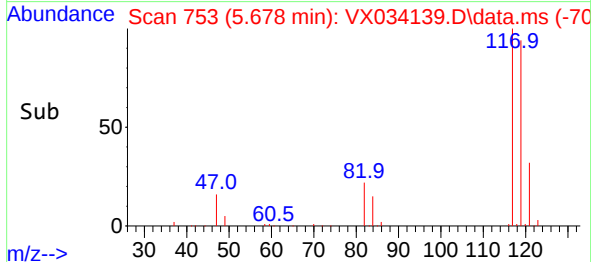
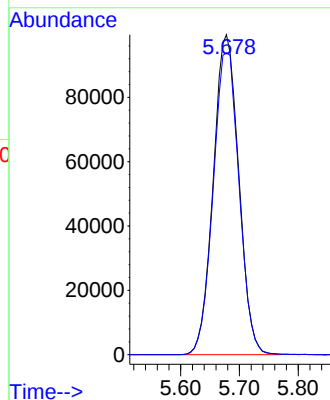
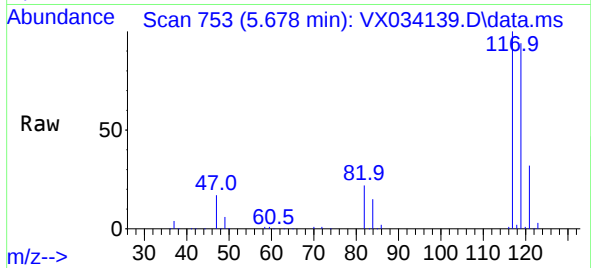




#31
Carbon tetrachloride
Concen: 266.686 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

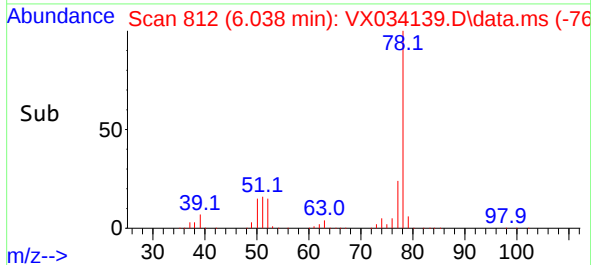
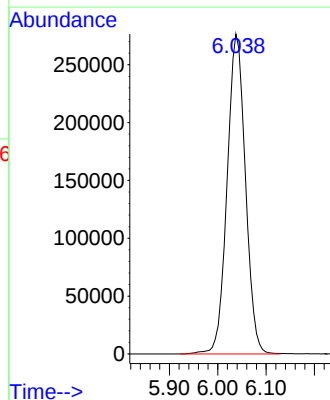
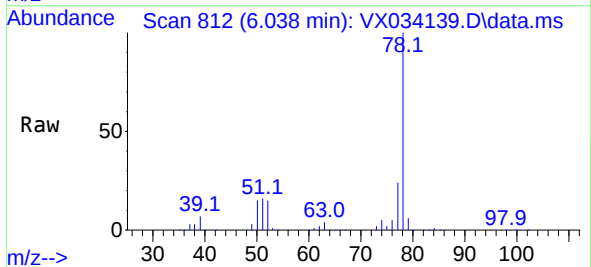
Instrument :
MSVOA_X
ClientSampleId :
VSTD200623

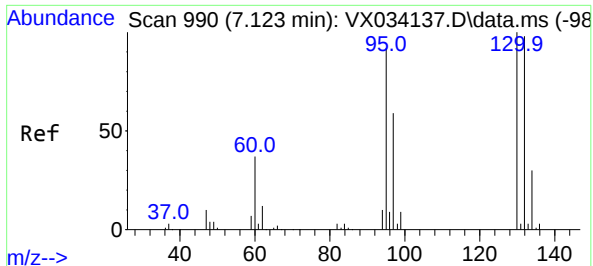
Tgt Ion:117 Resp: 299618
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7



#33
Benzene
Concen: 237.051 ug/L
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Tgt Ion: 78 Resp: 727122

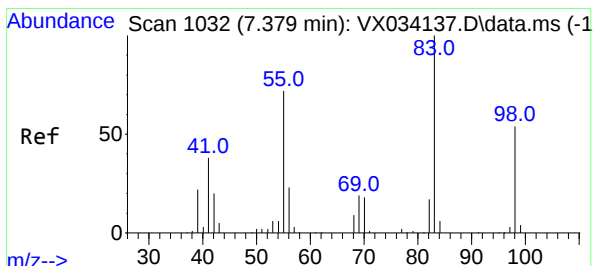
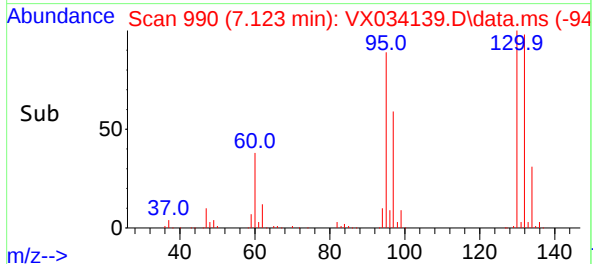
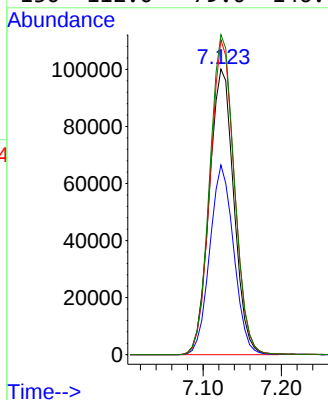
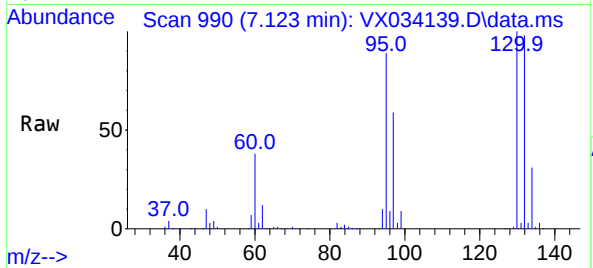




#34
Trichloroethene
Concen: 260.054 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

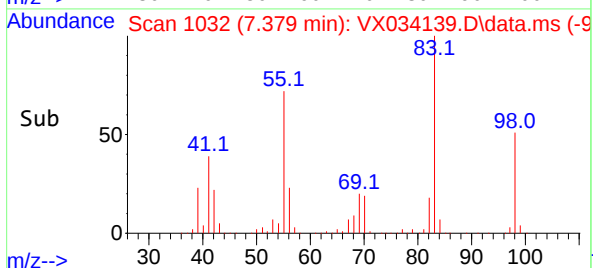
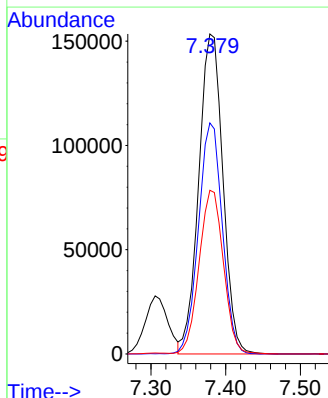
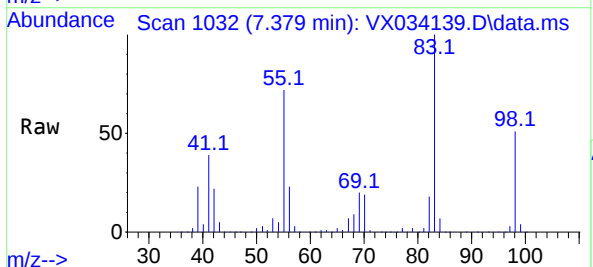
Instrument :
MSVOA_X
ClientSampleId :
VSTD200623

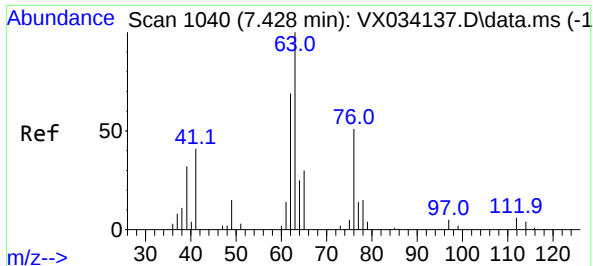
Tgt Ion: 95 Resp: 218322
Ion Ratio Lower Upper
95 100
97 66.4 46.8 87.0
132 110.2 76.2 141.4
130 112.0 79.0 146.6



#35
Methylcyclohexane
Concen: 259.425 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Tgt Ion: 83 Resp: 344896
Ion Ratio Lower Upper
83 100
55 71.2 59.0 88.4
98 51.5 40.6 60.8





#37

1,2-Dichloropropane

Concen: 243.665 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX034139.D

Acq: 13 Feb 2023 12:08

Instrument :

MSVOA_X

ClientSampleId :

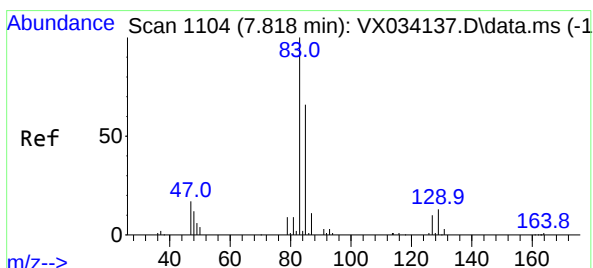
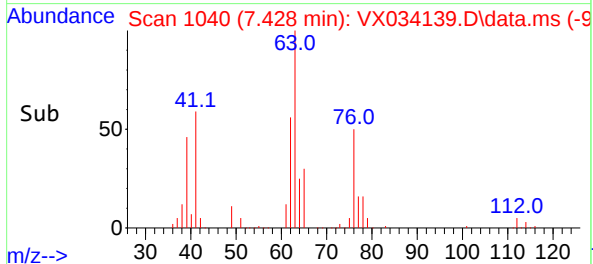
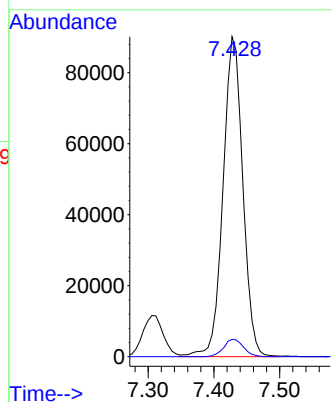
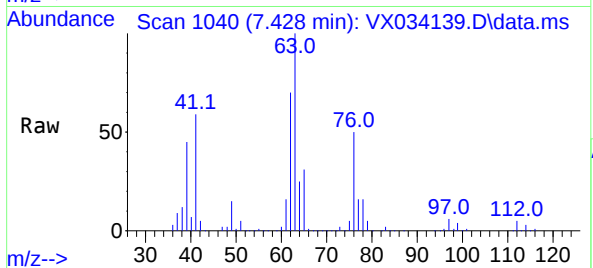
VSTD200623

Tgt Ion: 63 Resp: 188546

Ion Ratio Lower Upper

63 100

112 5.4 4.1 6.1



#38

Bromodichloromethane

Concen: 275.555 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX034139.D

Acq: 13 Feb 2023 12:08

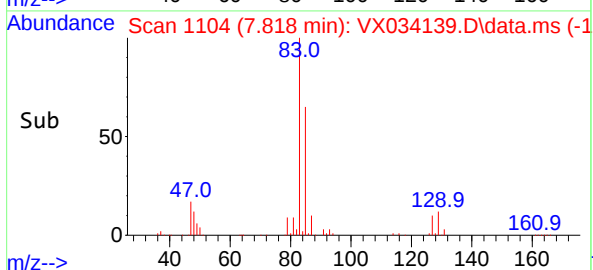
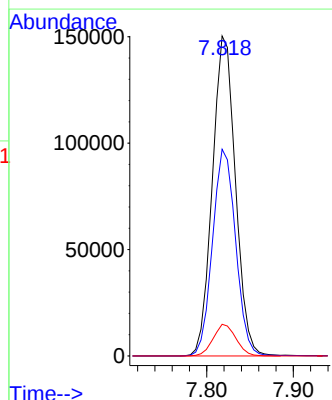
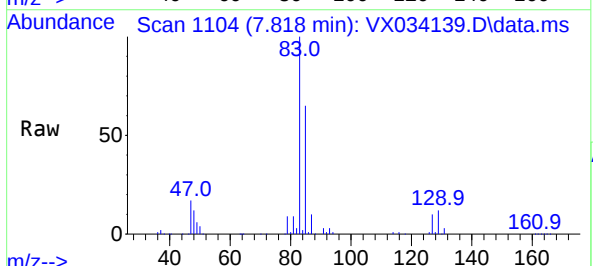
Tgt Ion: 83 Resp: 278273

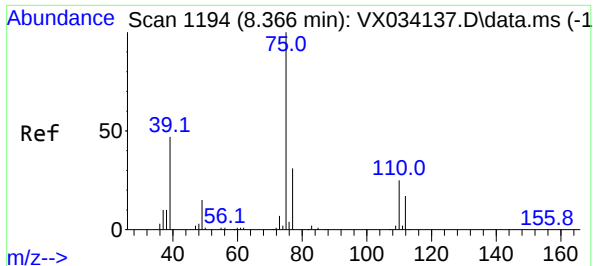
Ion Ratio Lower Upper

83 100

85 64.6 46.3 85.9

127 9.9 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 280.865 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034139.D

Acq: 13 Feb 2023 12:08

Instrument :

MSVOA_X

ClientSampleId :

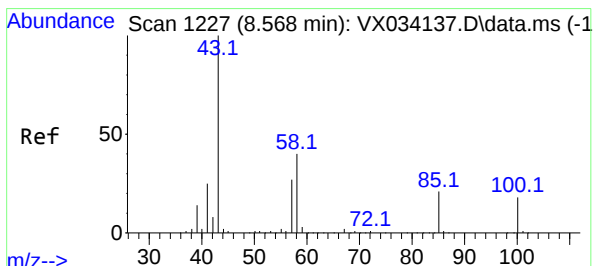
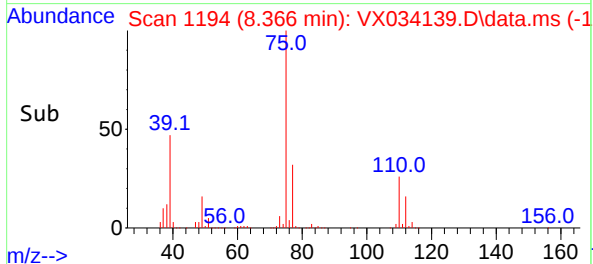
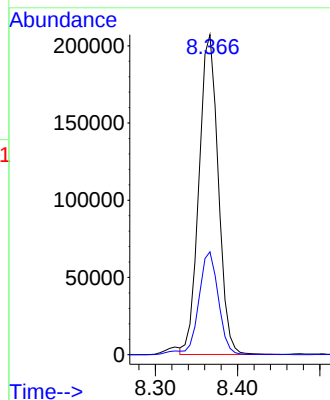
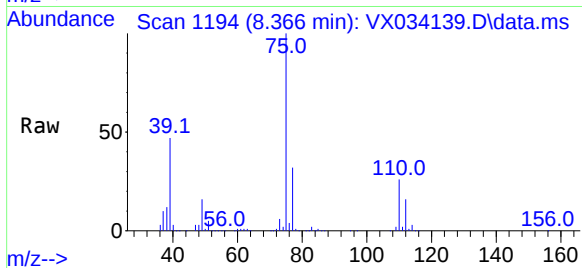
VSTD200623

Tgt Ion: 75 Resp: 336825

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 440.977 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX034139.D

Acq: 13 Feb 2023 12:08

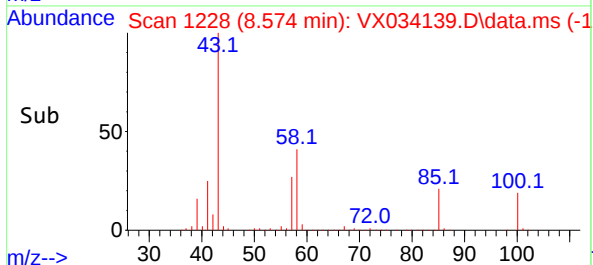
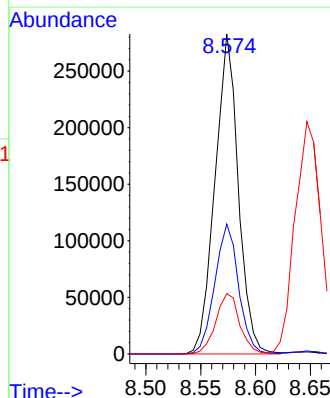
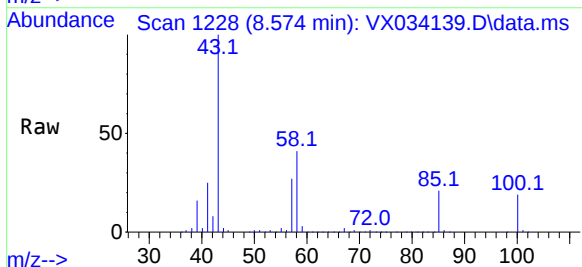
Tgt Ion: 43 Resp: 419128

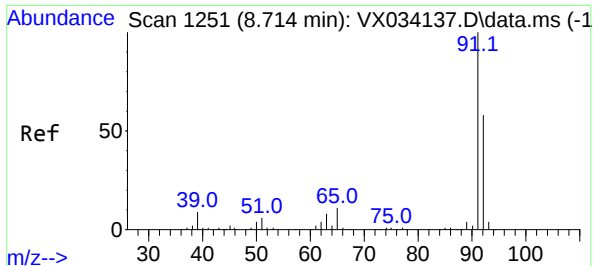
Ion Ratio Lower Upper

43 100

58 41.4 31.9 47.9

100 19.3 14.4 21.6

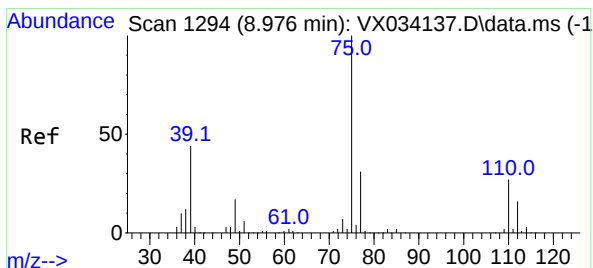
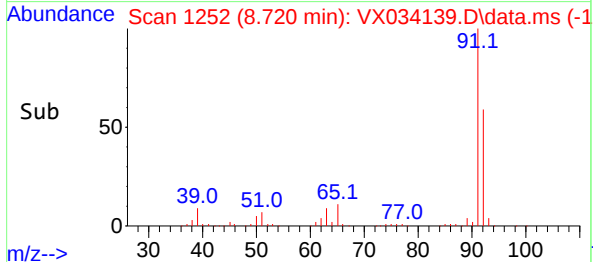
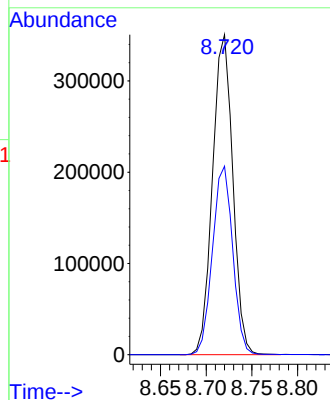
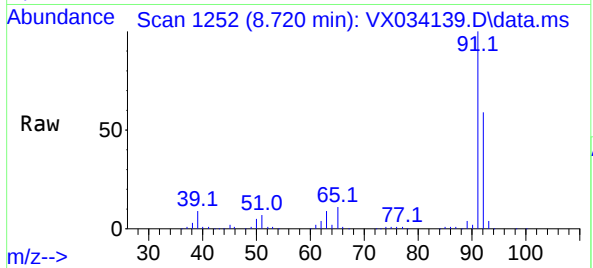




#42
Toluene
Concen: 164.634 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

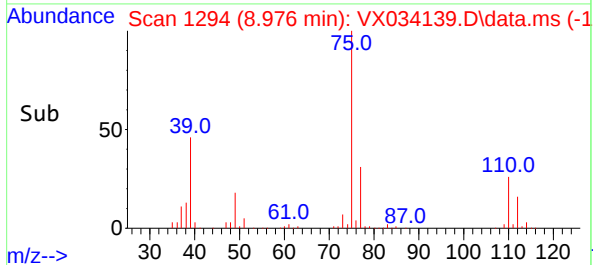
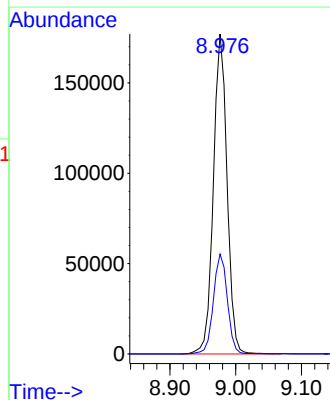
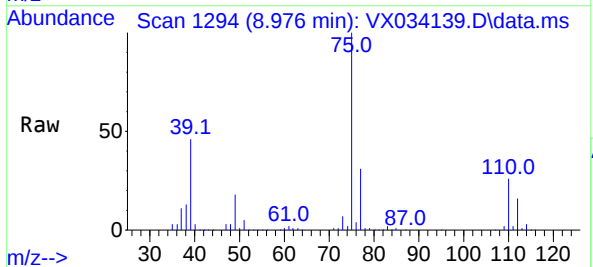
Instrument :
MSVOA_X
ClientSampleId :
VSTD200623

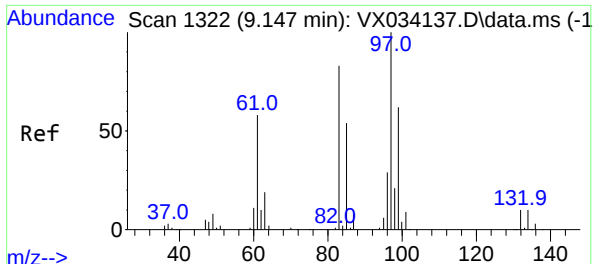
Tgt Ion: 91 Resp: 540432
Ion Ratio Lower Upper
91 100
92 58.9 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 236.742 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Tgt Ion: 75 Resp: 256585
Ion Ratio Lower Upper
75 100
77 31.2 22.3 41.3



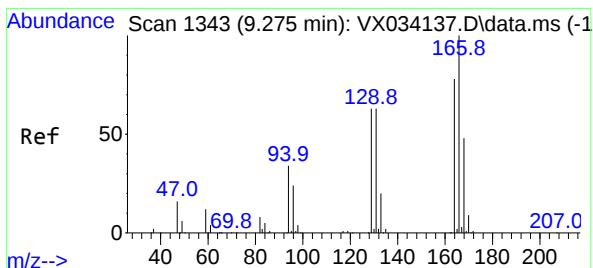
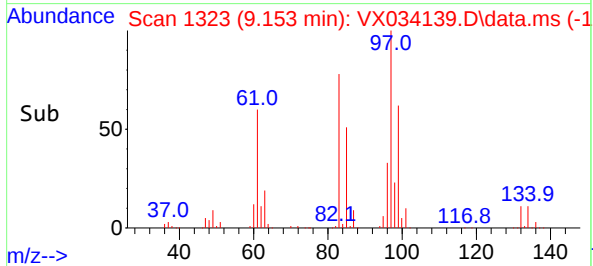
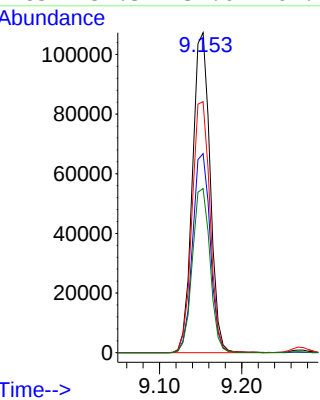
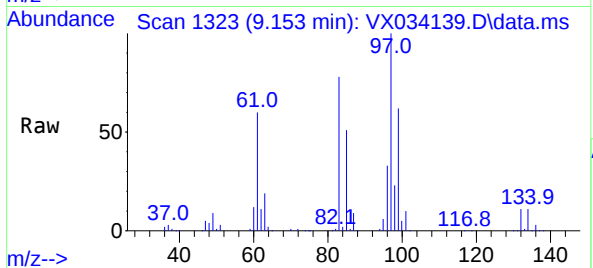


#45
1,1,2-Trichloroethane
Concen: 201.304 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTD200623

Tgt Ion: 97 Resp: 159678

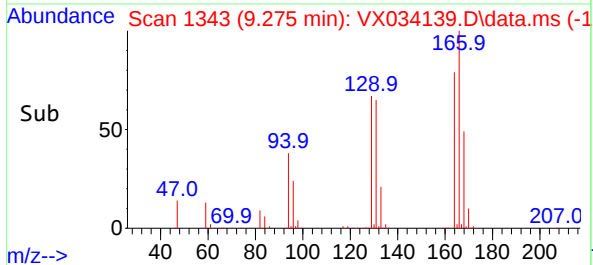
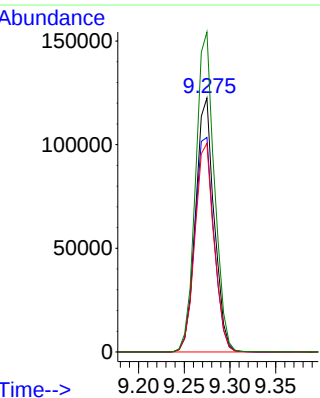
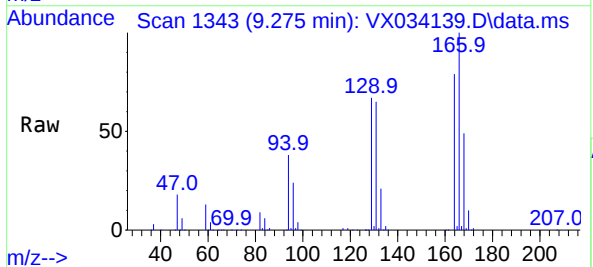
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.5	80.9
83	78.5	56.8	105.4
85	51.3	37.6	69.8

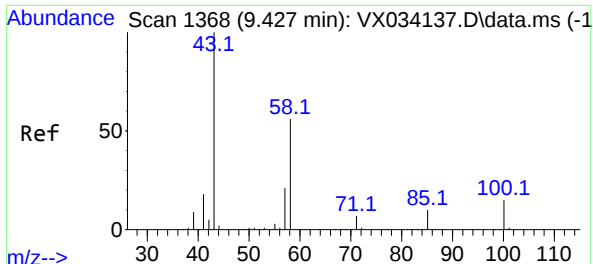


#46
Tetrachloroethene
Concen: 213.512 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Tgt Ion: 164 Resp: 172657

Ion	Ratio	Lower	Upper
164	100		
129	84.5	59.3	110.1
131	82.2	56.1	104.3
166	126.1	90.3	167.7



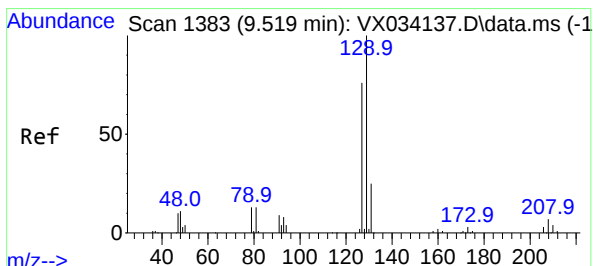
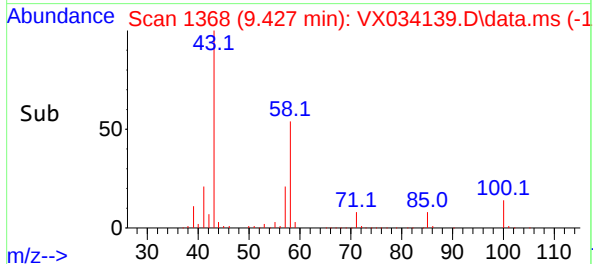
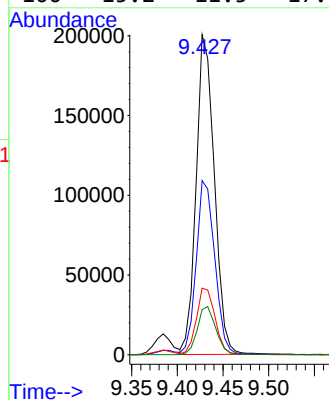
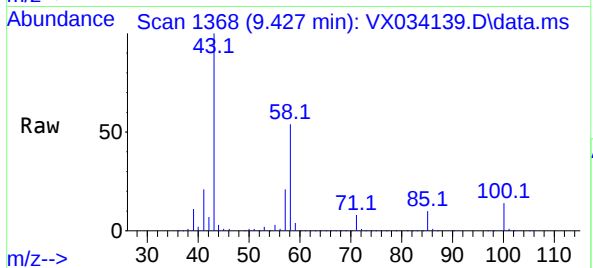


#48
2-Hexanone
Concen: 370.085 ug/L
RT: 9.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTD200623

Tgt Ion: 43 Resp: 278757

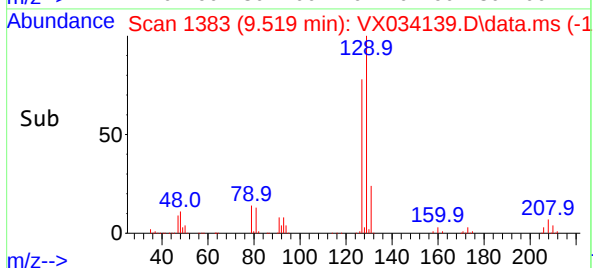
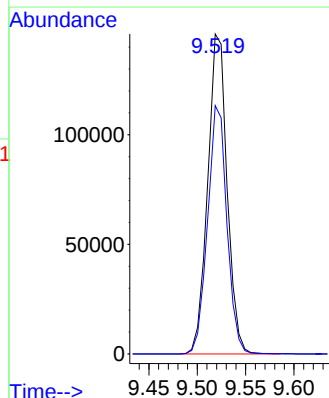
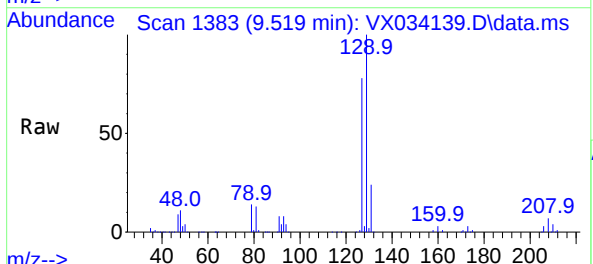
Ion	Ratio	Lower	Upper
43	100		
58	55.6	45.7	68.5
57	21.3	15.8	23.8
100	15.2	11.5	17.3

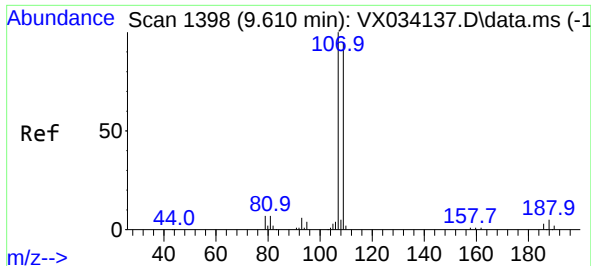


#49
Dibromochloromethane
Concen: 235.533 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Tgt Ion: 129 Resp: 204270

Ion	Ratio	Lower	Upper
129	100		
127	77.6	53.3	98.9

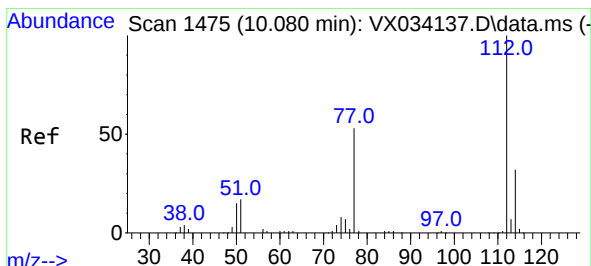
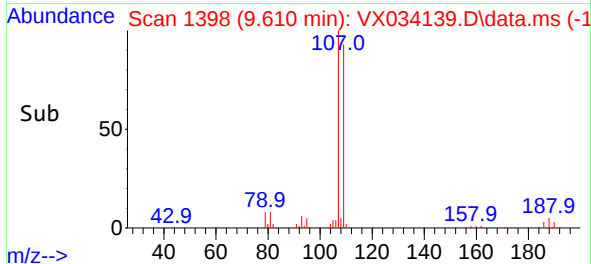
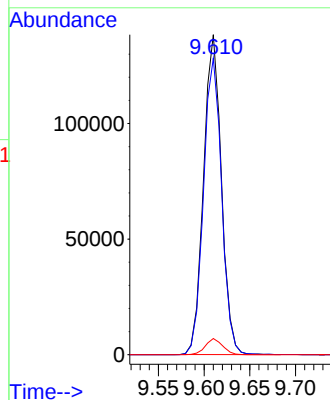
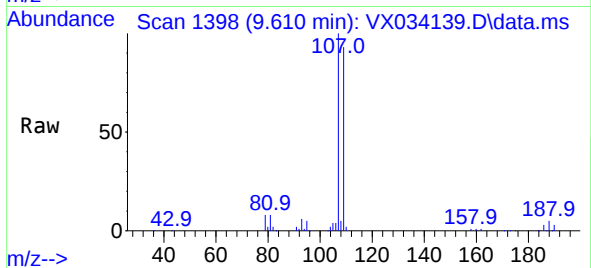




#50
1,2-Dibromoethane
Concen: 218.981 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

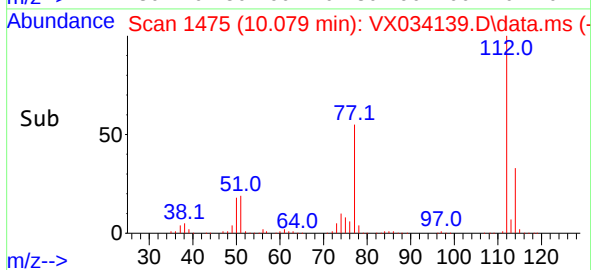
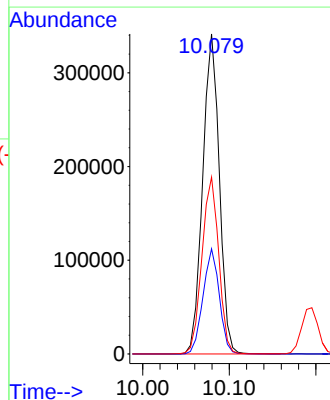
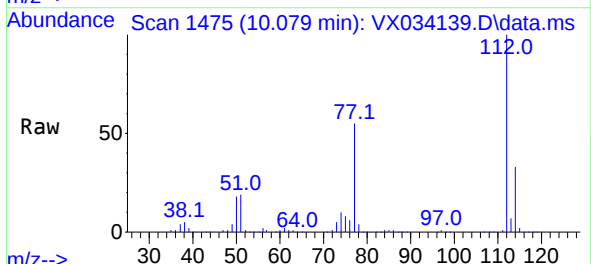
Instrument :
MSVOA_X
ClientSampleId :
VSTD200623

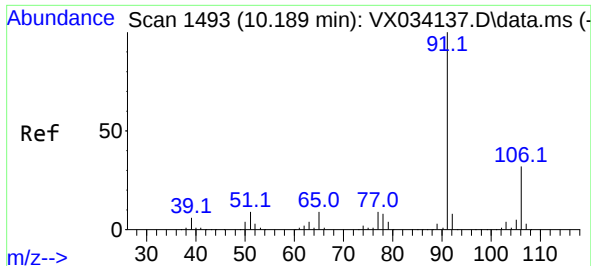
Tgt Ion:107 Resp: 187174
Ion Ratio Lower Upper
107 100
109 92.7 64.9 120.5
188 5.0 3.3 4.9#



#51
Chlorobenzene
Concen: 205.220 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Tgt Ion:112 Resp: 454833
Ion Ratio Lower Upper
112 100
114 32.8 22.7 42.3
77 55.3 43.4 65.0

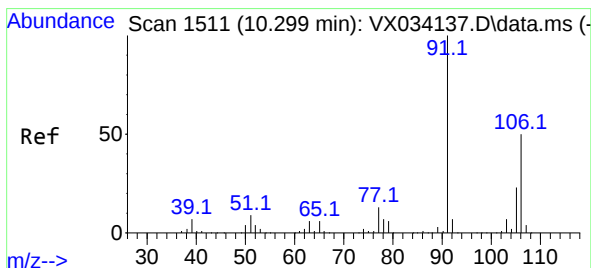
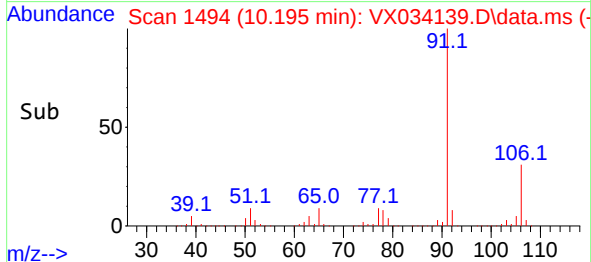
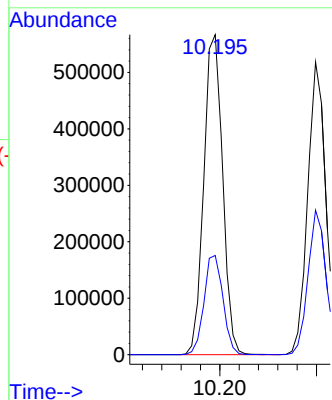
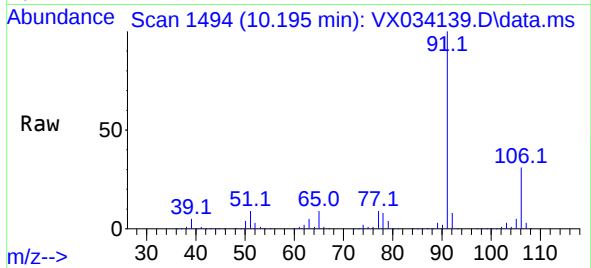




#52
Ethylbenzene
Concen: 211.457 ug/L
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

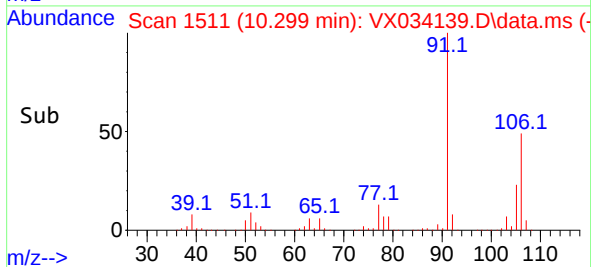
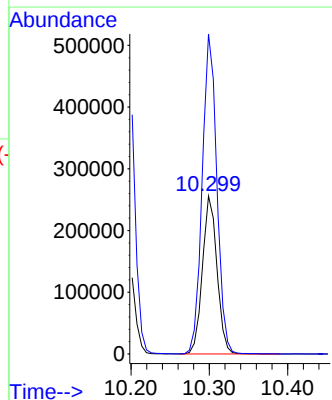
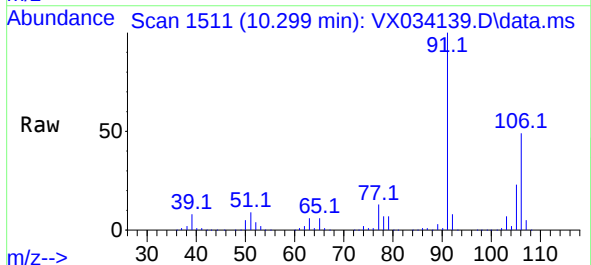
Instrument :
MSVOA_X
ClientSampleId :
VSTD200623

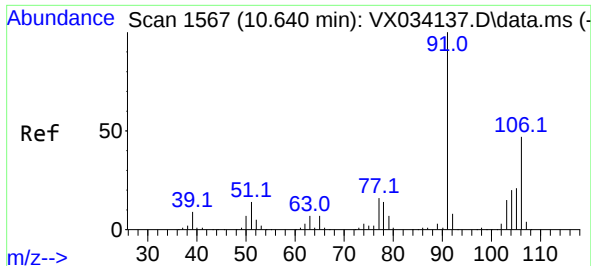
Tgt Ion: 91 Resp: 766669
Ion Ratio Lower Upper
91 100
106 31.0 23.2 43.0



#53
m,p-Xylene
Concen: 227.790 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Tgt Ion:106 Resp: 329429
Ion Ratio Lower Upper
106 100
91 202.7 135.2 251.0

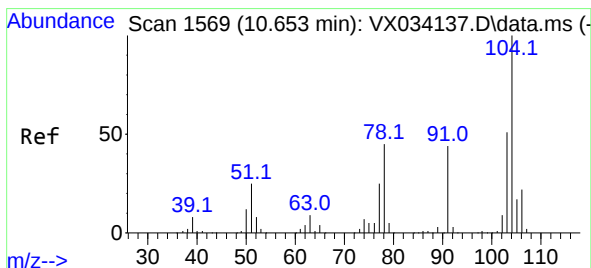
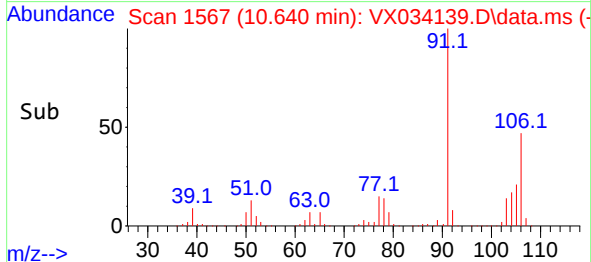
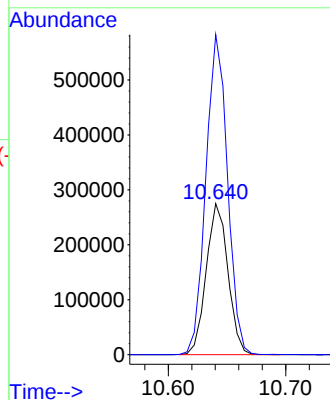
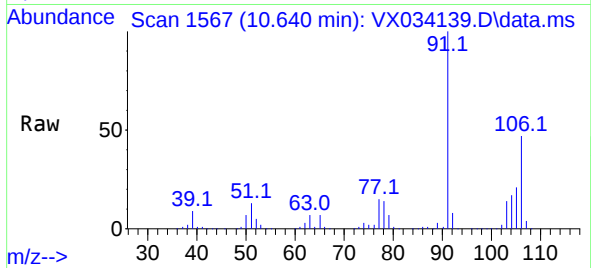




#54
o-Xylene
Concen: 252.608 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

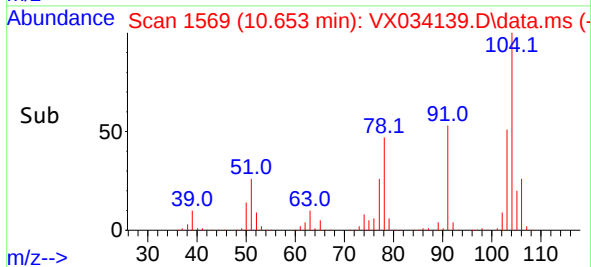
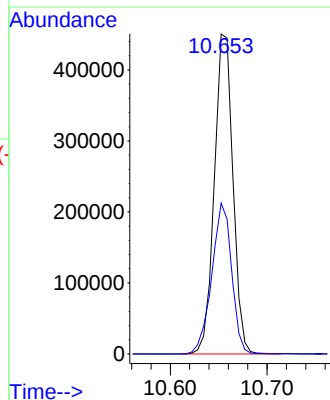
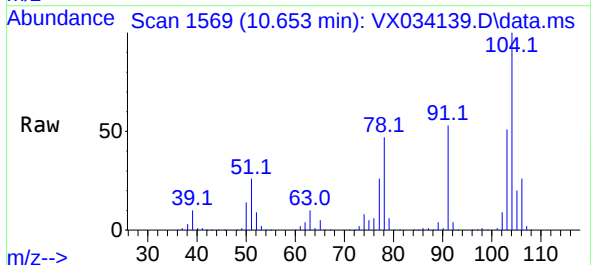
Instrument :
MSVOA_X
ClientSampleId :
VSTD200623

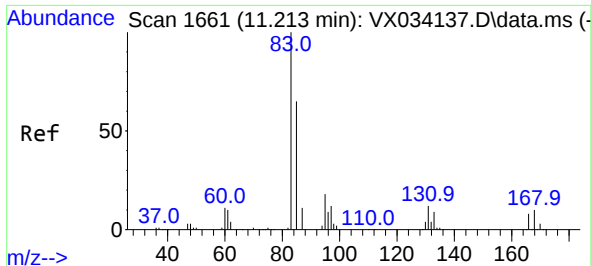
Tgt Ion:106 Resp: 352778
Ion Ratio Lower Upper
106 100
91 211.8 140.2 260.4



#55
Styrene
Concen: 256.430 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Tgt Ion:104 Resp: 602542
Ion Ratio Lower Upper
104 100
78 47.1 30.0 55.8

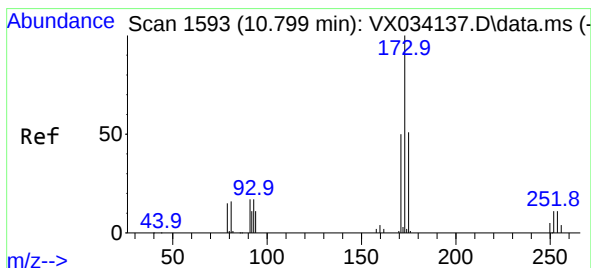
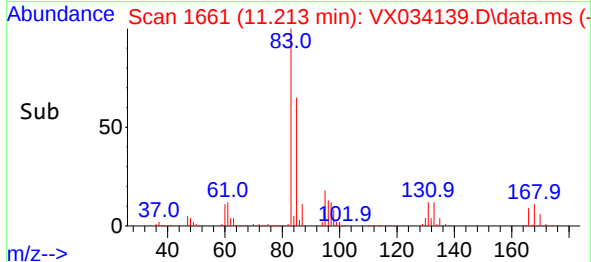
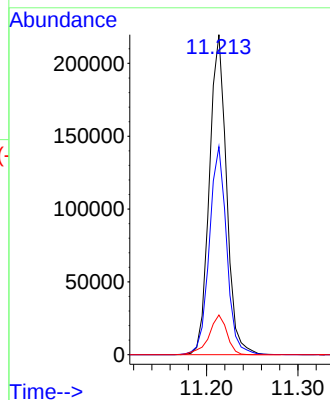
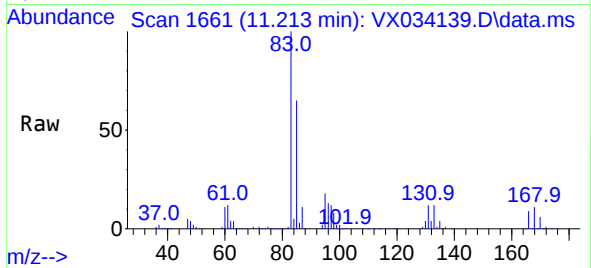




#57
1,1,2,2-Tetrachloroethane
Concen: 257.257 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

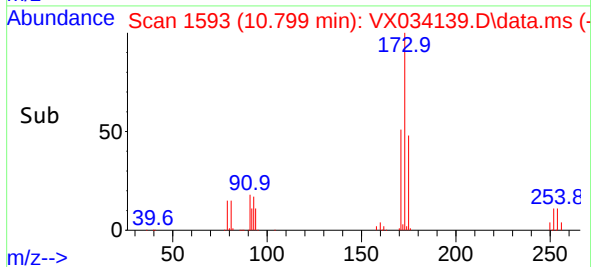
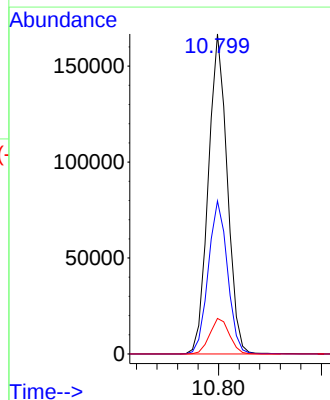
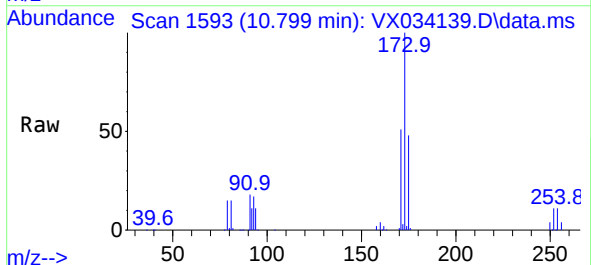
Instrument :
MSVOA_X
ClientSampleId :
VSTD200623

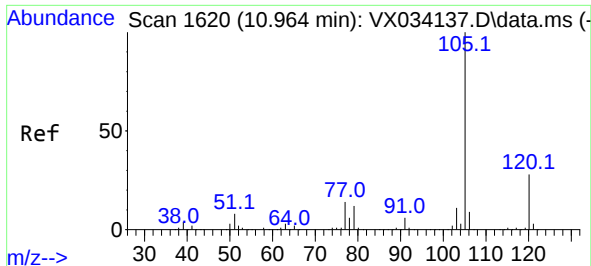
Tgt Ion: 83 Resp: 286085
Ion Ratio Lower Upper
83 100
85 65.0 45.8 85.0
131 12.4 9.1 13.7



#59
Bromoform
Concen: 240.830 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Tgt Ion:173 Resp: 213161
Ion Ratio Lower Upper
173 100
175 48.7 38.3 57.5
254 11.5 9.1 13.7

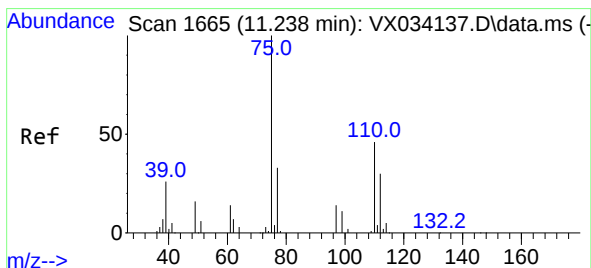
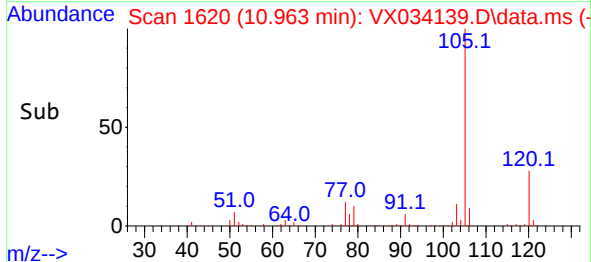
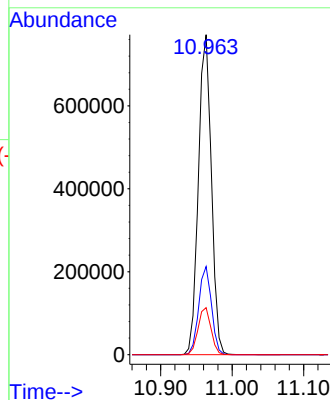
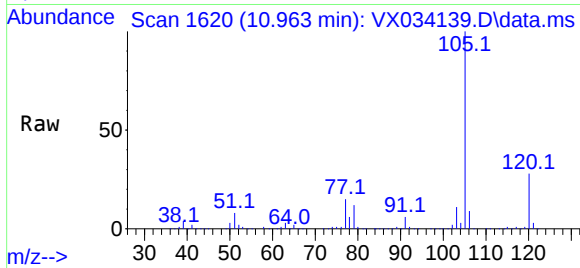




#60
Isopropylbenzene
Concen: 208.290 ug/L
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

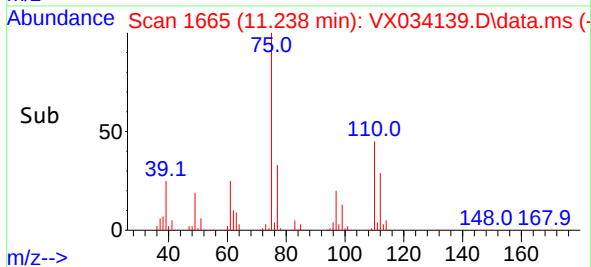
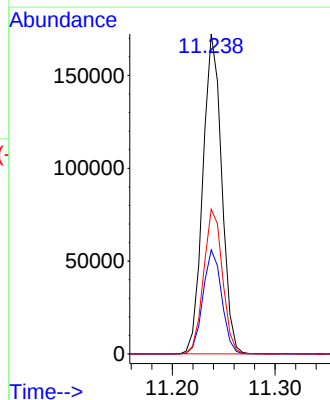
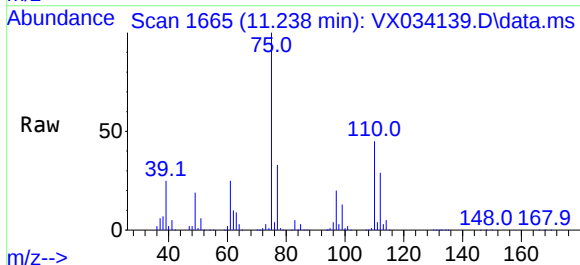
Instrument :
MSVOA_X
ClientSampleId :
VSTD200623

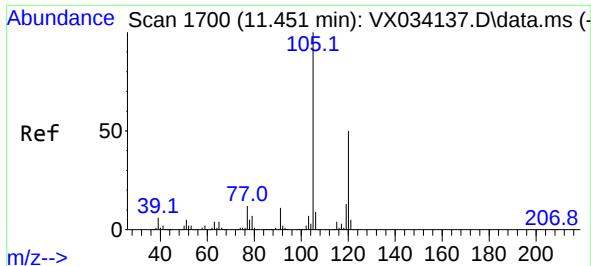
Tgt Ion:105 Resp: 969746
Ion Ratio Lower Upper
105 100
120 27.1 21.8 32.6
77 14.7 11.3 16.9



#61
1,2,3-Trichloropropane
Concen: 203.750 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Tgt Ion: 75 Resp: 219470
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
110 45.5 34.2 51.4

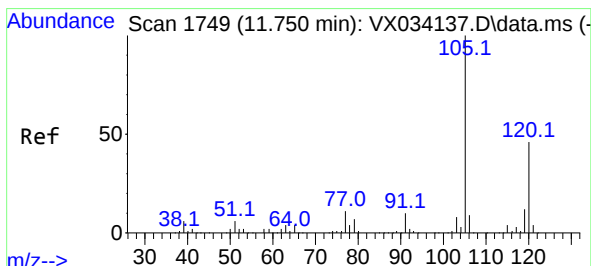
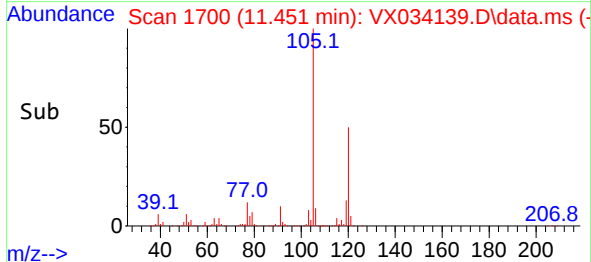
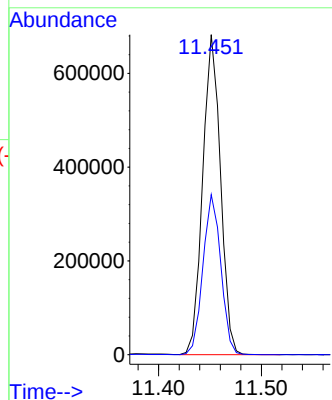
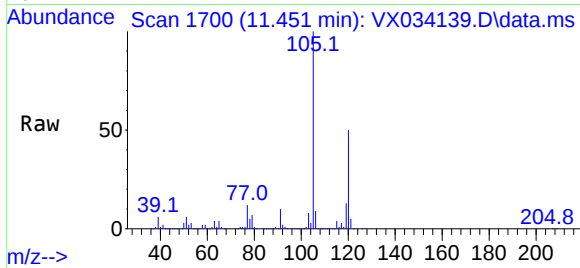




#62
1,3,5-Trimethylbenzene
Concen: 215.199 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

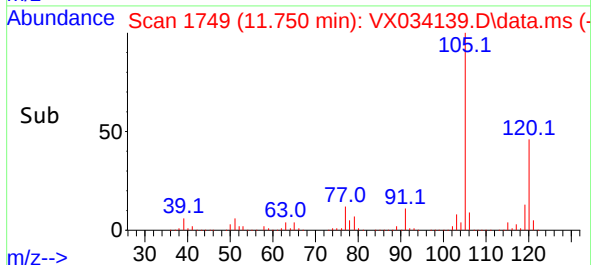
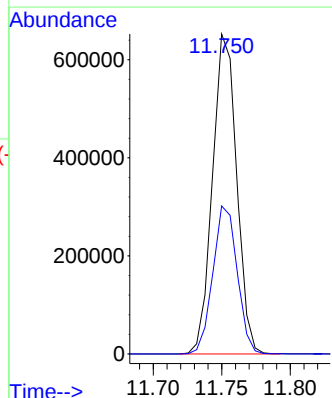
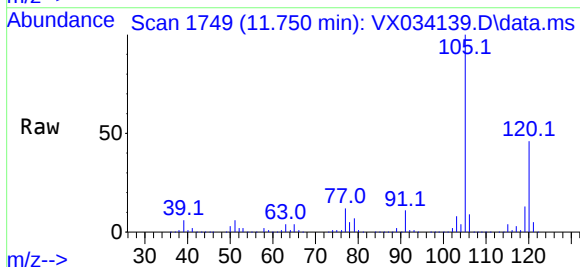
Instrument :
MSVOA_X
ClientSampleId :
VSTD200623

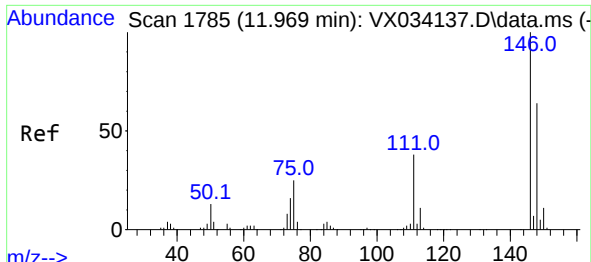
Tgt Ion:105 Resp: 823426
Ion Ratio Lower Upper
105 100
120 50.1 41.3 61.9



#63
1,2,4-Trimethylbenzene
Concen: 213.318 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Tgt Ion:105 Resp: 799027
Ion Ratio Lower Upper
105 100
120 46.6 38.5 57.7

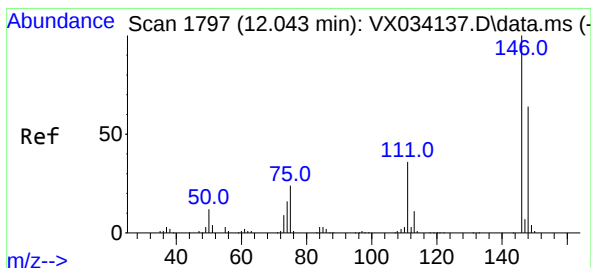
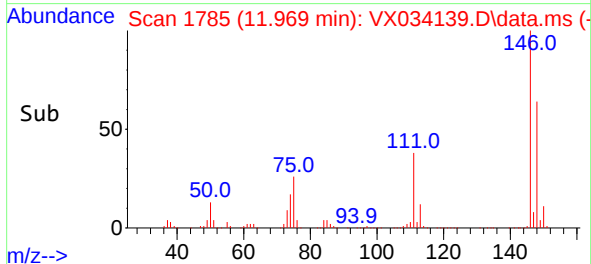
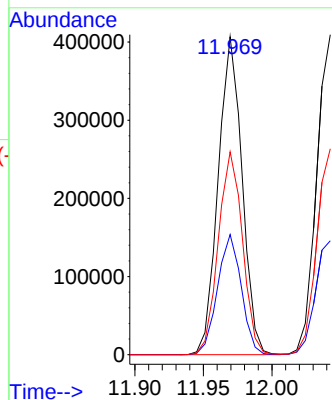
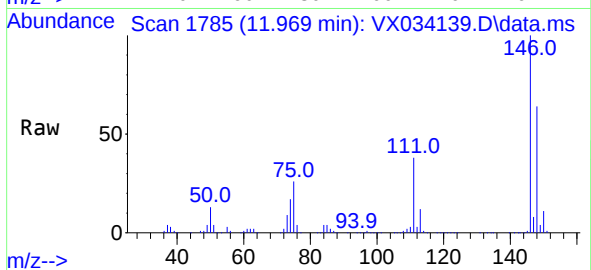




#64
1,3-Dichlorobenzene
Concen: 212.382 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

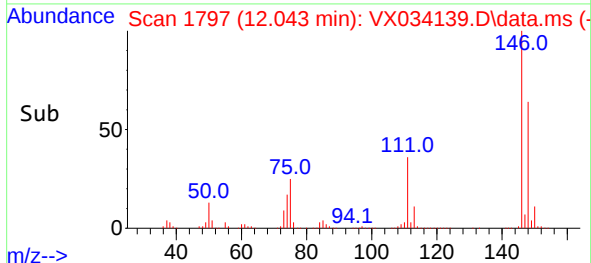
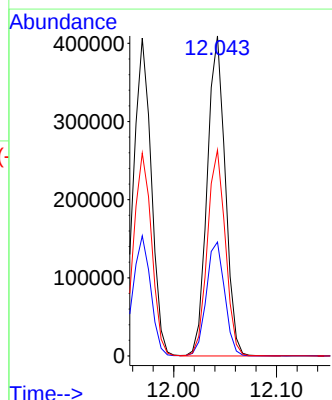
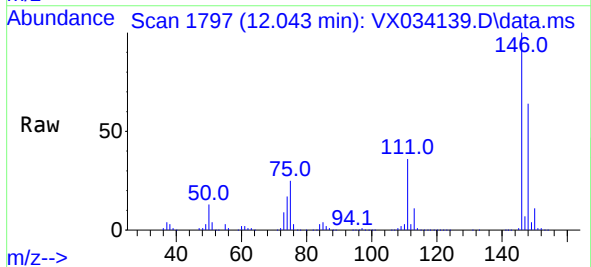
Instrument :
MSVOA_X
ClientSampleId :
VSTD200623

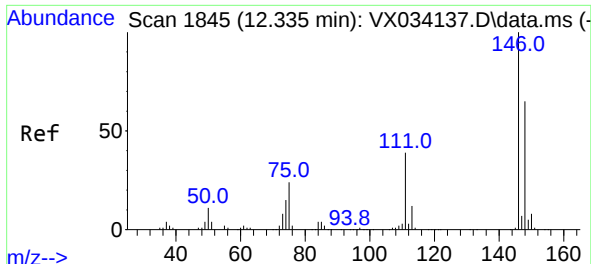
Tgt Ion:146 Resp: 493084
Ion Ratio Lower Upper
146 100
111 37.8 25.5 47.3
148 63.8 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 212.659 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Tgt Ion:146 Resp: 499317
Ion Ratio Lower Upper
146 100
111 35.6 23.7 44.1
148 64.3 45.0 83.6



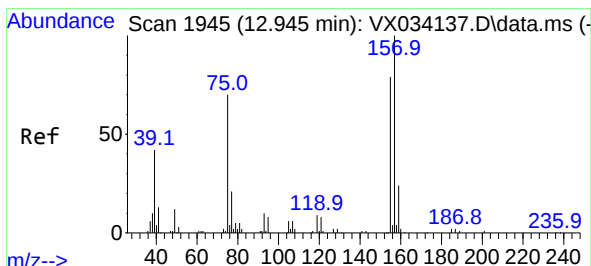
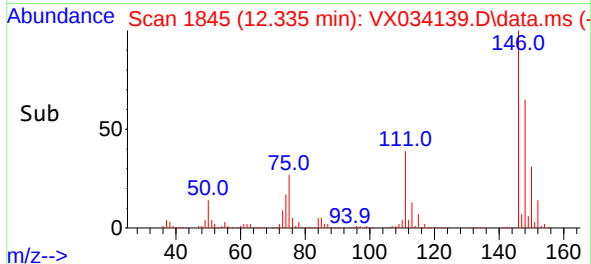
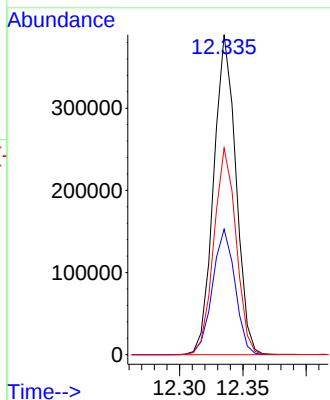
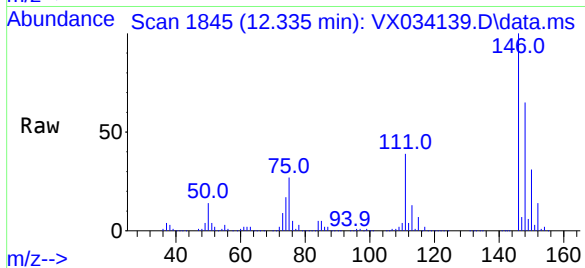


#67
1,2-Dichlorobenzene
Concen: 209.586 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Instrument : MSVOA_X
ClientSampleId : VSTD200623

Tgt Ion:146 Resp: 475363

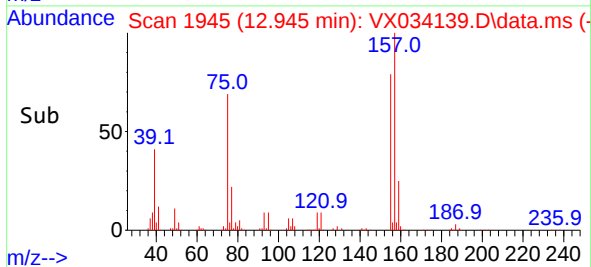
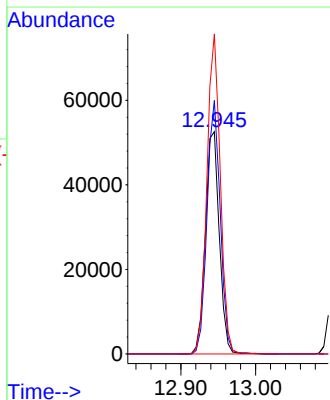
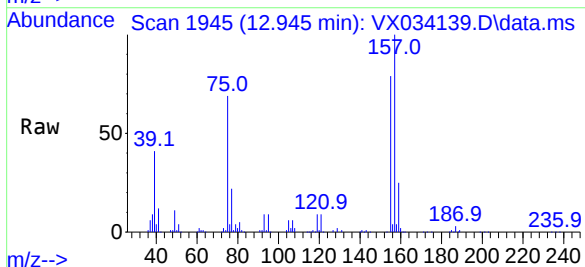
Ion	Ratio	Lower	Upper
146	100		
111	39.2	30.4	45.6
148	64.6	51.4	77.2

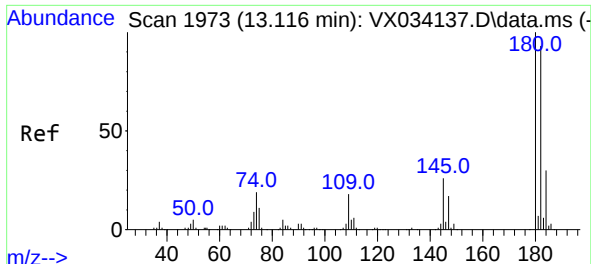


#68
1,2-Dibromo-3-chloropropane
Concen: 248.706 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Tgt Ion: 75 Resp: 68010

Ion	Ratio	Lower	Upper
75	100		
155	114.1	89.0	133.6
157	144.0	116.9	175.3



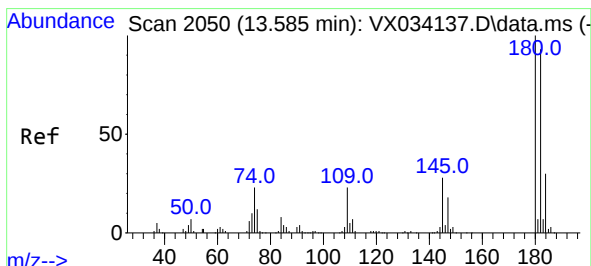
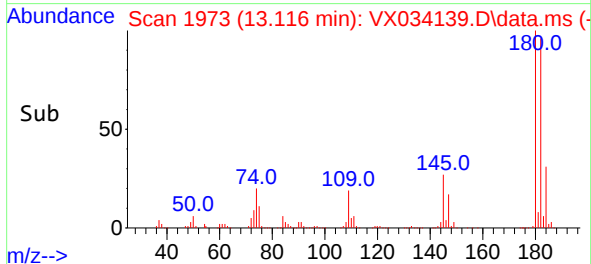
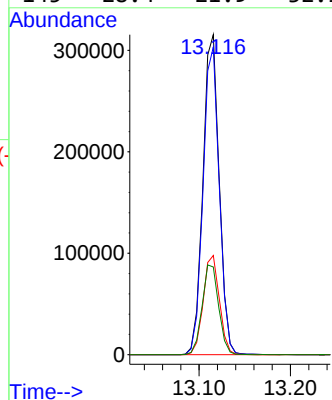
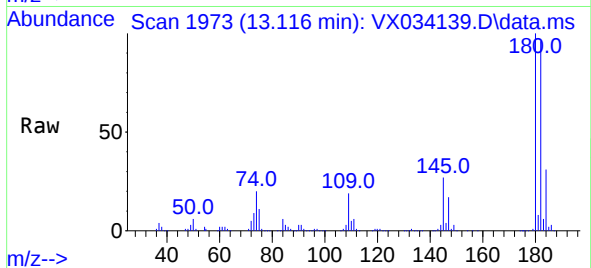


#69
 1,3,5-Trichlorobenzene
 Concen: 221.305 ug/L
 RT: 13.116 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX034139.D
 Acq: 13 Feb 2023 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200623

Tgt Ion:180 Resp: 389352

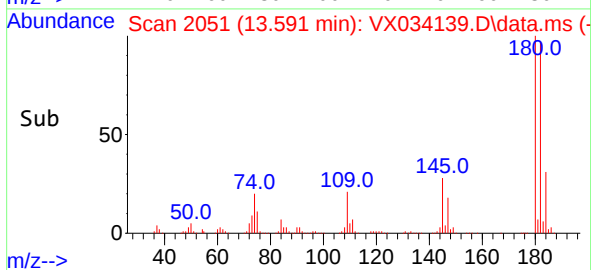
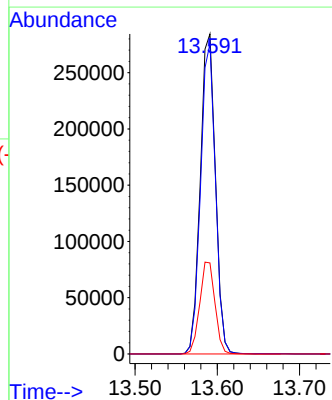
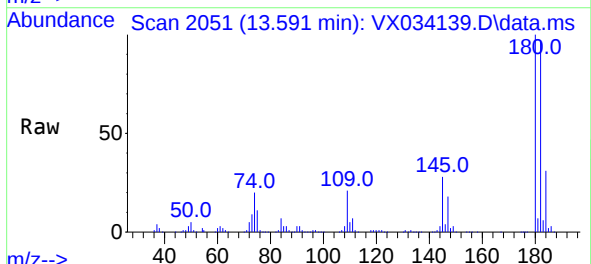
Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.3	115.9
184	30.8	24.5	36.7
145	28.4	21.9	32.9

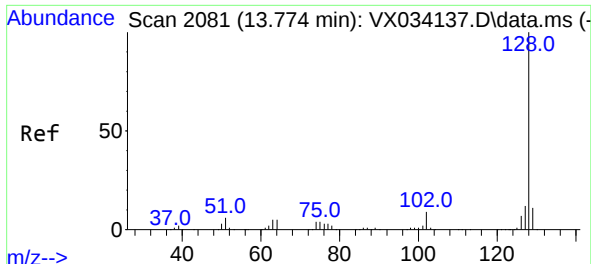


#70
 1,2,4-trichlorobenzene
 Concen: 227.314 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX034139.D
 Acq: 13 Feb 2023 12:08

Tgt Ion:180 Resp: 363296

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.5	114.7
145	29.0	22.3	33.5

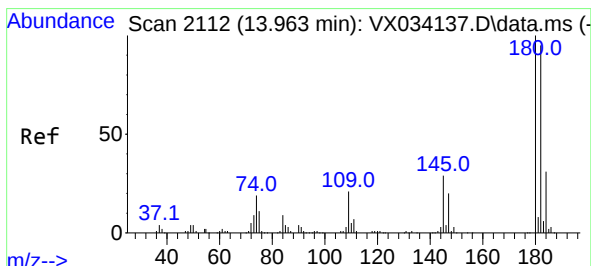
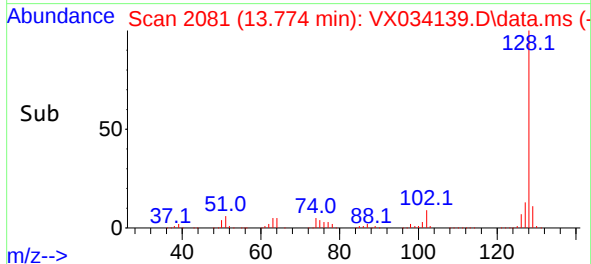
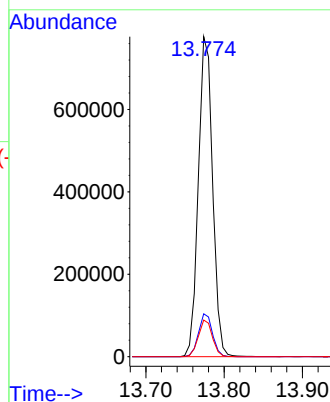
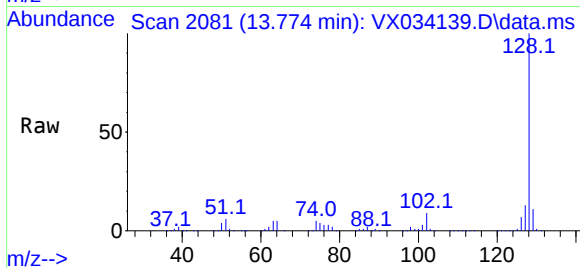




#71
Naphthalene
Concen: 223.932 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Instrument :
MSVOA_X
ClientSampleId :
VSTD200623

Tgt Ion:128 Resp: 983768
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.3 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 222.217 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034139.D
Acq: 13 Feb 2023 12:08

Tgt Ion:180 Resp: 350913
Ion Ratio Lower Upper
180 100
182 95.4 77.1 115.7
145 30.7 23.5 35.3

