

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021323\
 Data File : VX034136.D
 Acq On : 13 Feb 2023 10:58
 Operator : JC/MD
 Sample : VSTD01020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010620

Quant Time: Feb 13 12:45:06 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	6.757	114	139839	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	125620	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	68838	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	6660	7.882	ug/L	0.00
7) Chloroethane-d5	1.672	69	4900	9.196	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	16138	9.750	ug/L	0.00
21) 2-Butanone-d5	4.459	46	11636	22.825	ug/L	0.00
24) Chloroform-d	5.056	84	20224	12.034	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	13127	12.692	ug/L	0.00
32) Benzene-d6	5.970	84	38461	10.650	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	11517	10.838	ug/L	0.00
41) Toluene-d8	8.647	98	38933	11.364	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	5475	11.119	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	8610	21.448	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	15434	11.475	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	16162	11.708	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	14764	12.876	ug/L	97
3) Chloromethane	1.294	50	6469	7.304	ug/L	90
5) Vinyl chloride	1.374	62	6620	7.387	ug/L	92
6) Bromomethane	1.611	94	4380	8.865	ug/L	99
8) Chloroethane	1.691	64	3538	7.353	ug/L	99
9) Trichlorofluoromethane	1.892	101	13234	9.662	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	8201	8.835	ug/L	94
12) 1,1-Dichloroethene	2.325	96	7193	8.555	ug/L	96
13) Acetone	2.380	43	6698	12.999	ug/L	93
14) Carbon disulfide	2.514	76	19687	8.682	ug/L	99
15) Methyl Acetate	2.703	43	7610	9.131	ug/L	99
16) Methylene chloride	2.794	84	8049	9.091	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	8808	10.180	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	26920	10.467	ug/L	98
19) 1,1-Dichloroethane	3.611	63	13619	8.974	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	9960	10.066	ug/L	90
22) 2-Butanone	4.556	43	11341	17.729	ug/L	100
23) Bromochloromethane	4.897	128	5618	10.134	ug/L #	87
25) Chloroform	5.093	83	16796	10.275	ug/L	96
27) 1,2-Dichloroethane	6.080	62	13311	10.407	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	14591	9.789	ug/L	99
31) Carbon tetrachloride	5.678	117	13513	9.714	ug/L	99
33) Benzene	6.038	78	34594	9.109	ug/L	100
34) Trichloroethene	7.123	95	9714	9.345	ug/L	97
35) Methylcyclohexane	7.379	83	15710	9.544	ug/L	99
37) 1,2-Dichloropropane	7.428	63	9343	9.752	ug/L	100
38) Bromodichloromethane	7.818	83	12145	9.713	ug/L	97
39) cis-1,3-Dichloropropene	8.360	75	13053	8.791	ug/L	94
40) 4-Methyl-2-pentanone	8.574	43	21225	18.036	ug/L	97
42) Toluene	8.714	91	39734	9.776	ug/L	93
44) trans-1,3-Dichloropropene	8.976	75	12342	9.197	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	9831	10.010	ug/L	96

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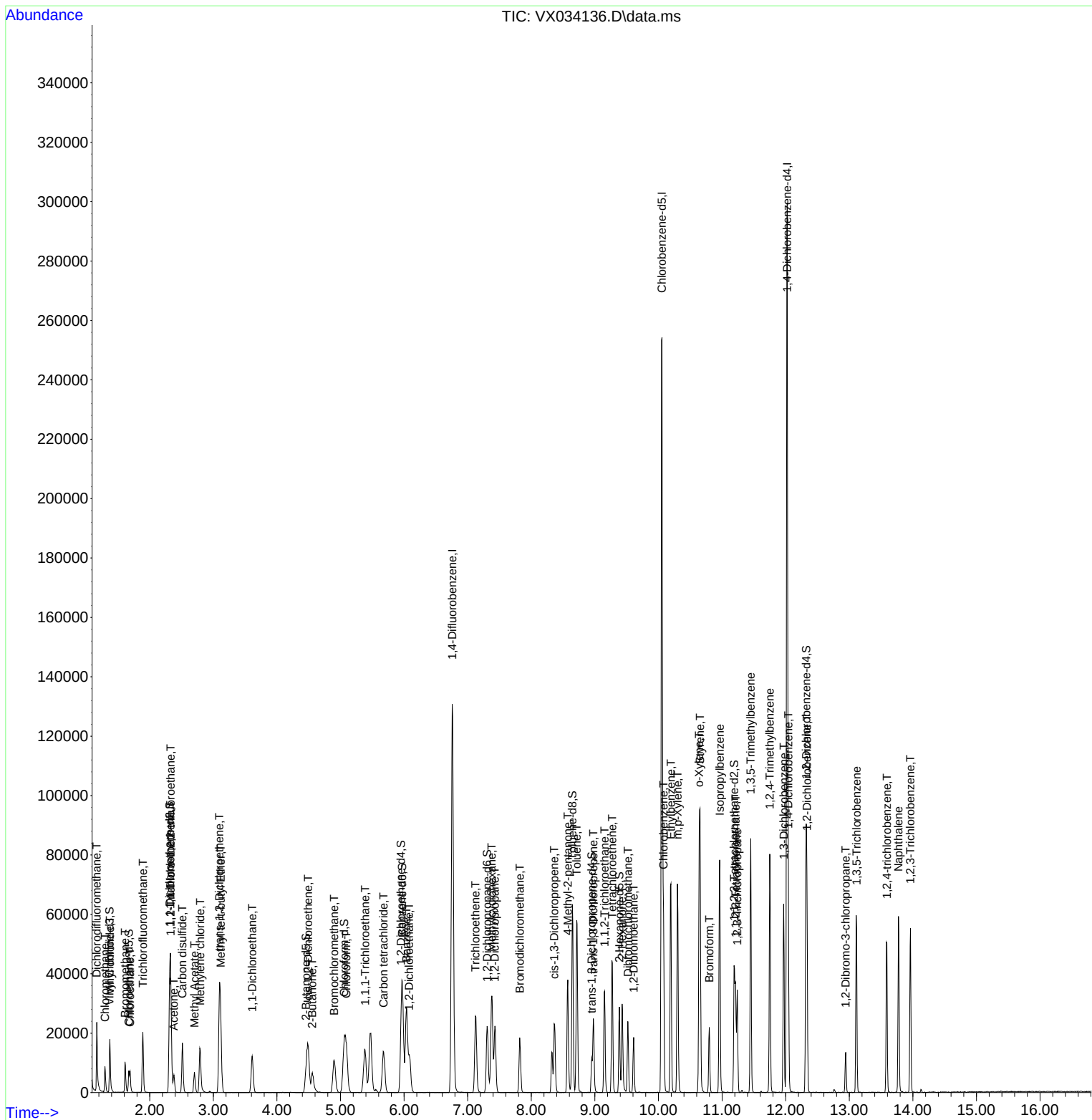
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010620

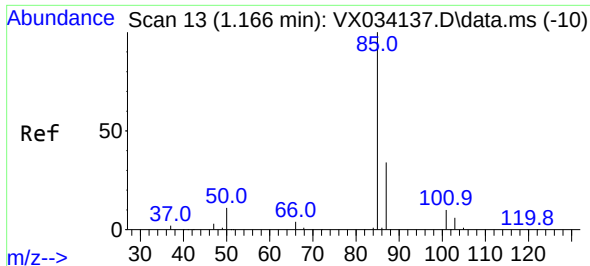
Quant Time: Feb 13 12:45:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 13 12:44:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	9.275	164	9722	9.710	ug/L	96
48) 2-Hexanone	9.427	43	15991	17.146	ug/L	97
49) Dibromochloromethane	9.519	129	10580	9.853	ug/L	100
50) 1,2-Dibromoethane	9.610	107	10610	10.025	ug/L #	95
51) Chlorobenzene	10.079	112	27656	10.078	ug/L	97
52) Ethylbenzene	10.195	91	43295	9.644	ug/L	98
53) m,p-Xylene	10.299	106	17335	9.681	ug/L	89
54) o-Xylene	10.640	106	16577	9.587	ug/L	95
55) Styrene	10.653	104	27741	9.535	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	13207	9.592	ug/L #	98
59) Bromoform	10.799	173	8419	9.765	ug/L	96
60) Isopropylbenzene	10.963	105	44686	9.854	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	10465	9.974	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	37003	9.928	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	35661	9.774	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	22577	9.983	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	22516	9.845	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	21157	9.577	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	2636	9.896	ug/L	92
69) 1,3,5-Trichlorobenzene	13.116	180	16766	9.784	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	14312	9.194	ug/L	99
71) Naphthalene	13.774	128	38600	9.020	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	14244	9.260	ug/L	95

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

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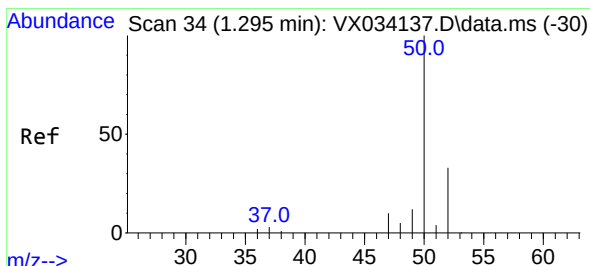
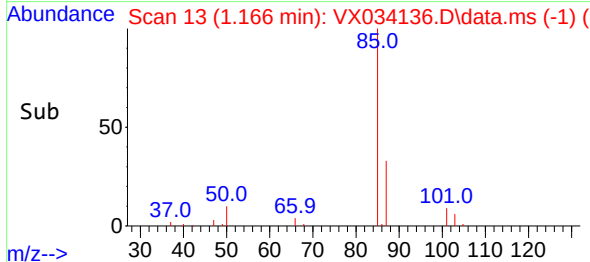
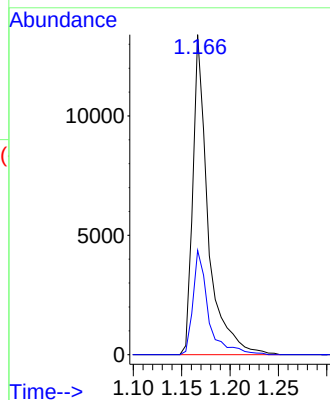
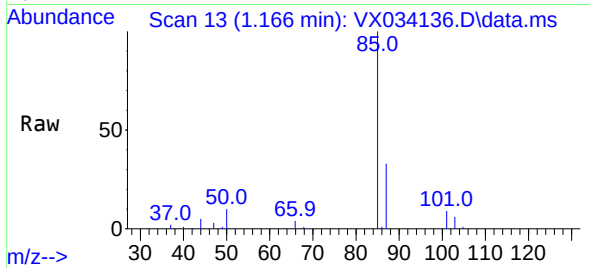




#2
Dichlorodifluoromethane
Concen: 12.876 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

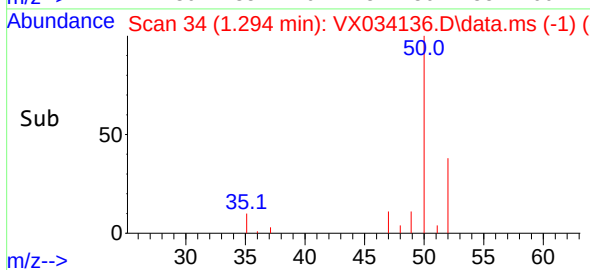
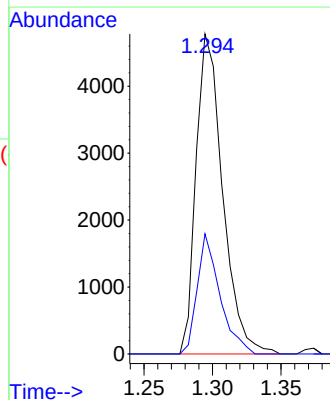
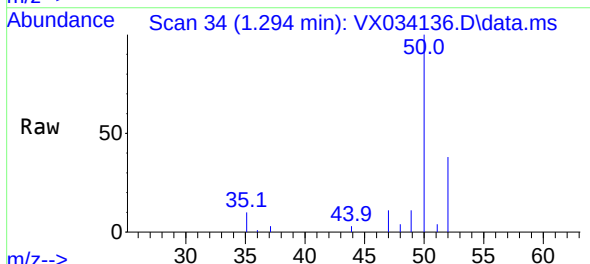
Instrument :
MSVOA_X
ClientSampleId :
VSTD010620

Tgt Ion: 85 Resp: 14764
Ion Ratio Lower Upper
85 100
87 30.6 25.9 38.9

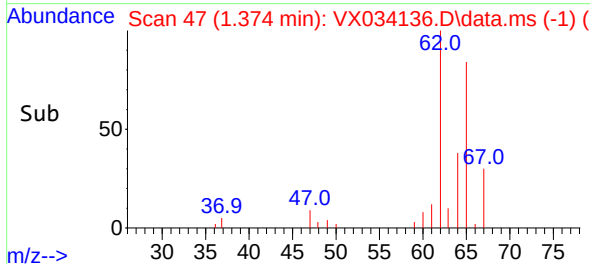
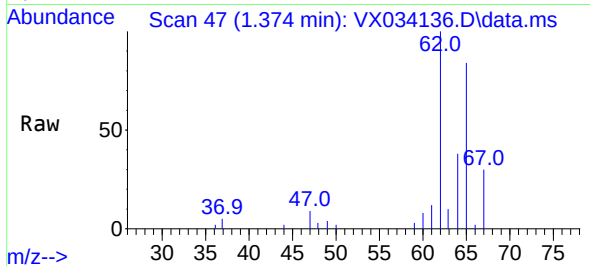
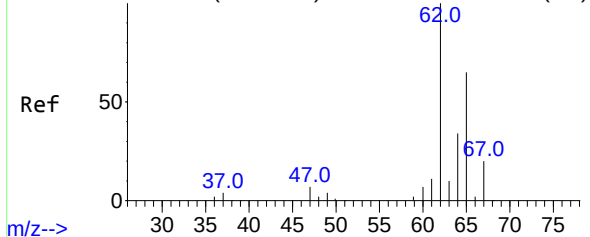


#3
Chloromethane
Concen: 7.304 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Tgt Ion: 50 Resp: 6469
Ion Ratio Lower Upper
50 100
52 37.5 22.5 41.7



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



#5

Vinyl chloride

Concen: 7.387 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX034136.D

Acq: 13 Feb 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

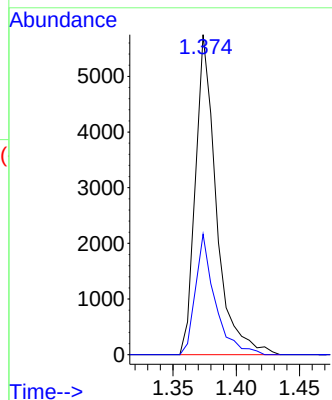
VSTD010620

Tgt Ion: 62 Resp: 6620

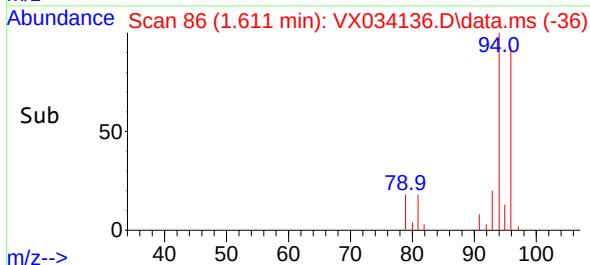
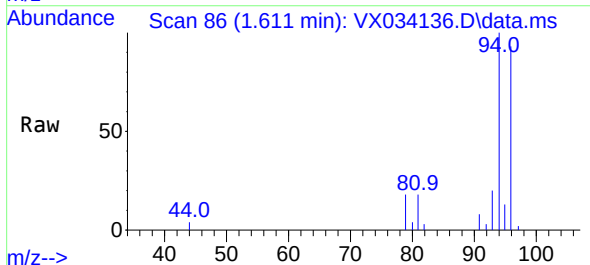
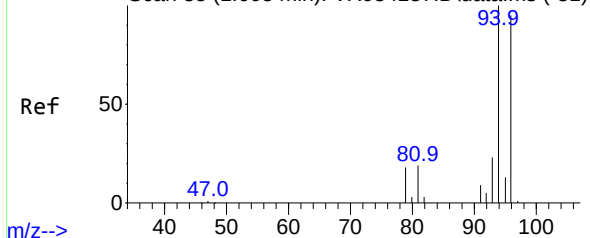
Ion Ratio Lower Upper

62 100

64 37.7 23.2 43.0



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



#6

Bromomethane

Concen: 8.865 ug/L

RT: 1.611 min Scan# 86

Delta R.T. 0.006 min

Lab File: VX034136.D

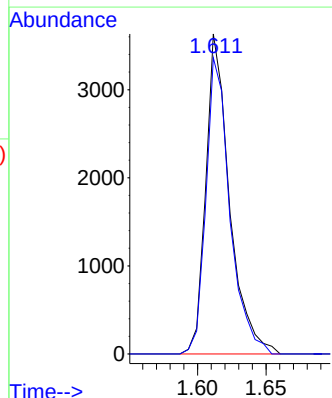
Acq: 13 Feb 2023 10:58

Tgt Ion: 94 Resp: 4380

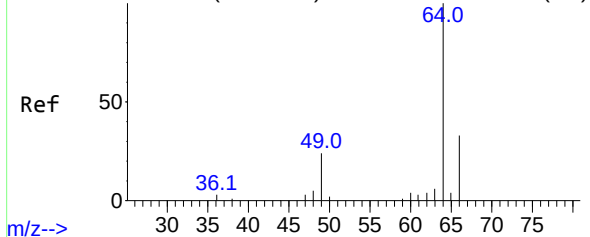
Ion Ratio Lower Upper

94 100

96 92.5 65.7 122.1



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



#8

Chloroethane

Concen: 7.353 ug/L

RT: 1.691 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX034136.D

Acq: 13 Feb 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTD010620

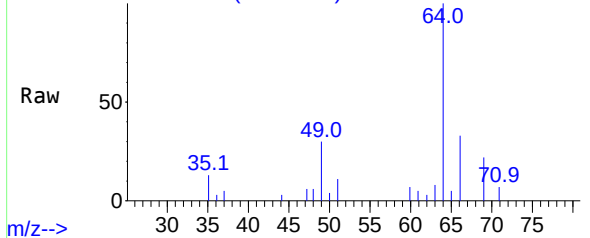
Tgt Ion: 64 Resp: 3538

Ion Ratio Lower Upper

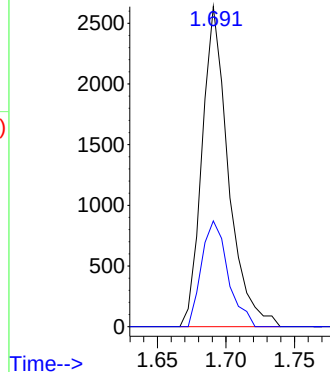
64 100

66 33.0 22.5 41.9

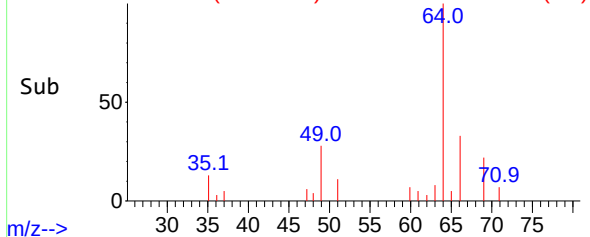
Abundance Scan 99 (1.691 min): VX034136.D\data.ms



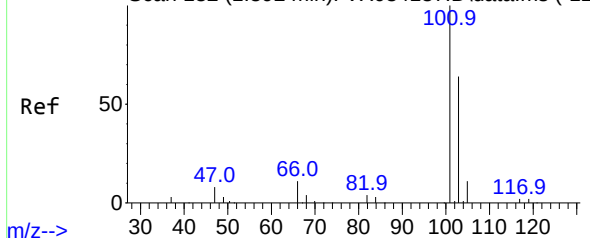
Abundance



Abundance Scan 99 (1.691 min): VX034136.D\data.ms (-32)



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



#9

Trichlorofluoromethane

Concen: 9.662 ug/L

RT: 1.892 min Scan# 132

Delta R.T. -0.000 min

Lab File: VX034136.D

Acq: 13 Feb 2023 10:58

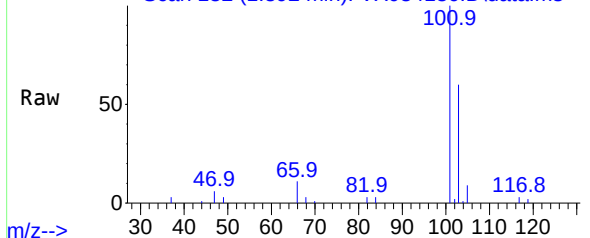
Tgt Ion: 101 Resp: 13234

Ion Ratio Lower Upper

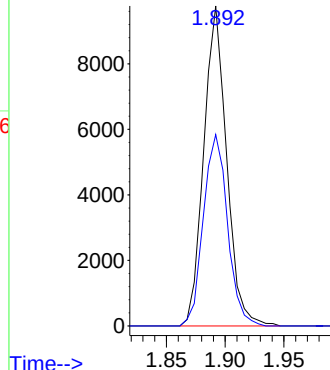
101 100

103 63.2 52.6 78.8

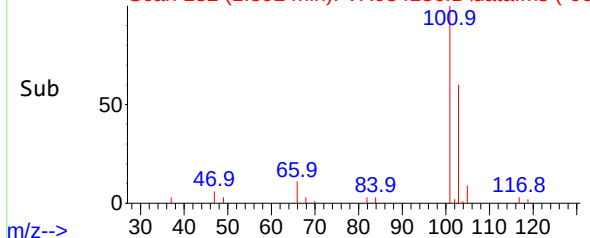
Abundance Scan 132 (1.892 min): VX034136.D\data.ms

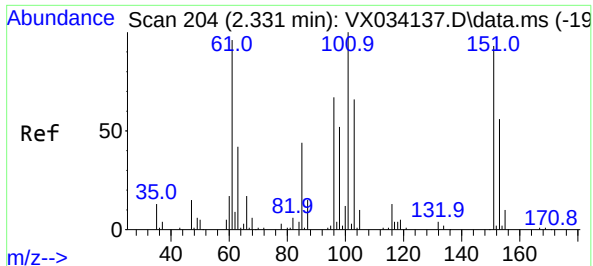


Abundance



Abundance Scan 132 (1.892 min): VX034136.D\data.ms (-66)

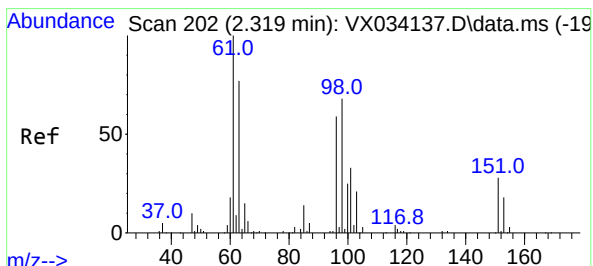
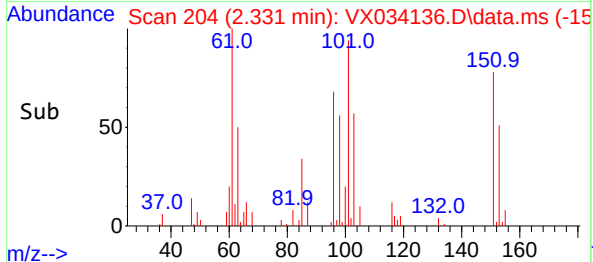
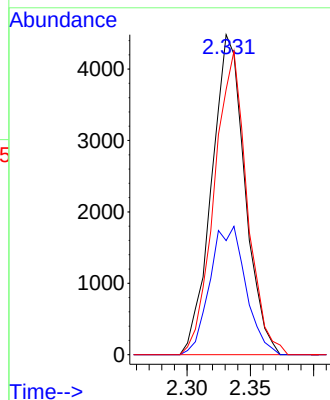
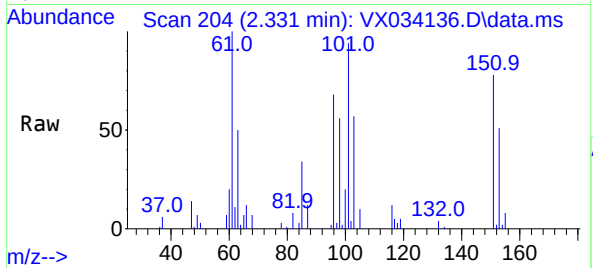




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 8.835 ug/L
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

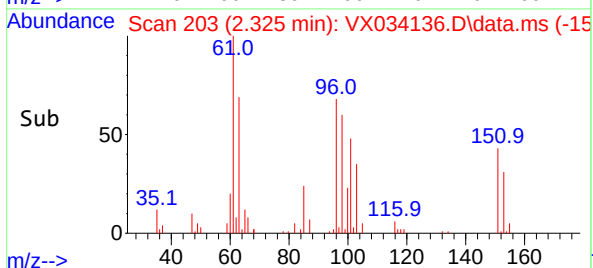
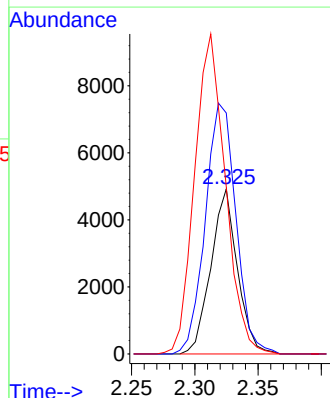
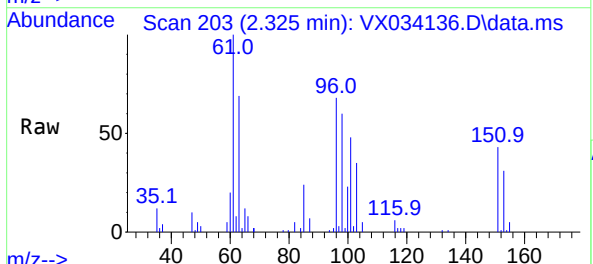
Instrument :
MSVOA_X
ClientSampleId :
VSTD010620

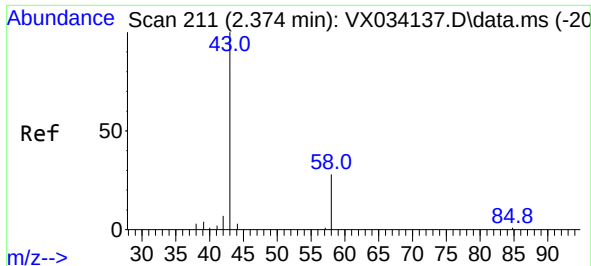
Tgt Ion:101 Resp: 8201
Ion Ratio Lower Upper
101 100
85 43.2 32.2 48.4
151 93.1 69.3 103.9



#12
1,1-Dichloroethene
Concen: 8.555 ug/L
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Tgt Ion: 96 Resp: 7193
Ion Ratio Lower Upper
96 100
61 146.1 107.6 199.8
63 101.4 69.6 129.2





#13

Acetone

Concen: 12.999 ug/L

RT: 2.380 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX034136.D

Acq: 13 Feb 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

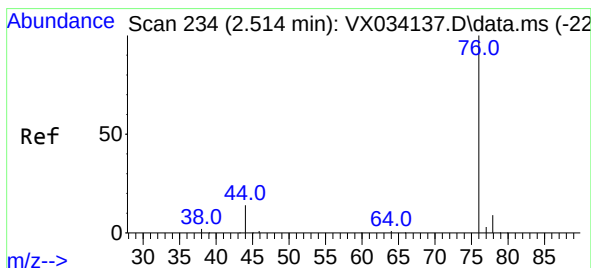
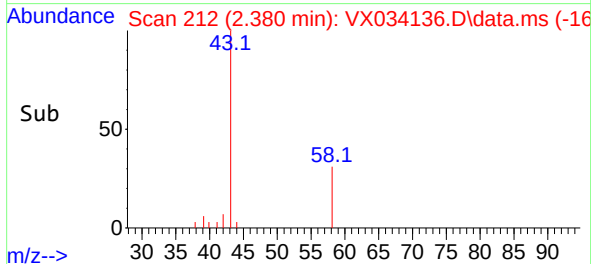
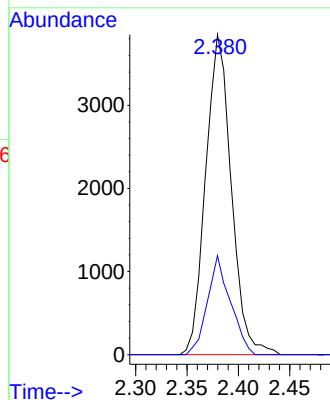
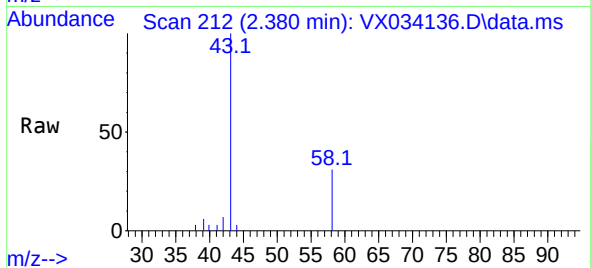
VSTD010620

Tgt Ion: 43 Resp: 6698

Ion Ratio Lower Upper

43 100

58 27.7 0.0 62.8



#14

Carbon disulfide

Concen: 8.682 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX034136.D

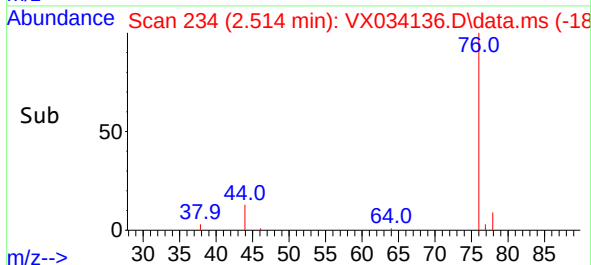
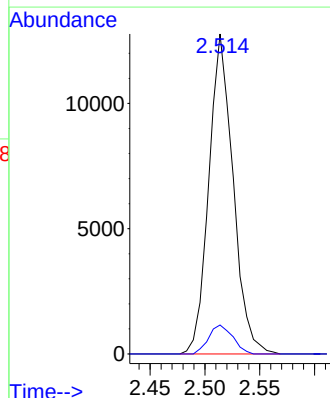
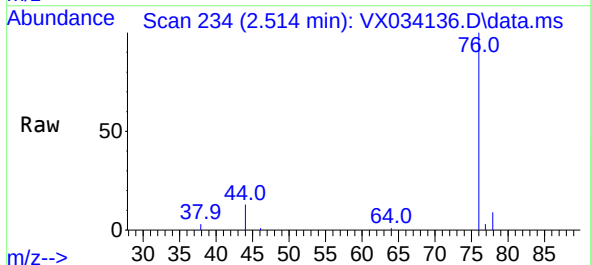
Acq: 13 Feb 2023 10:58

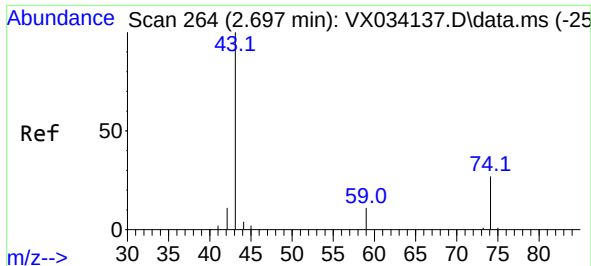
Tgt Ion: 76 Resp: 19687

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

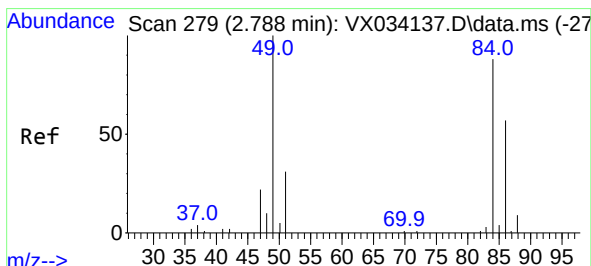
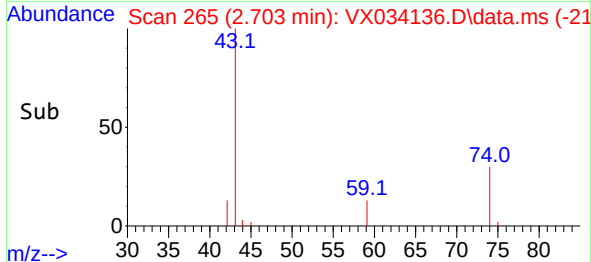
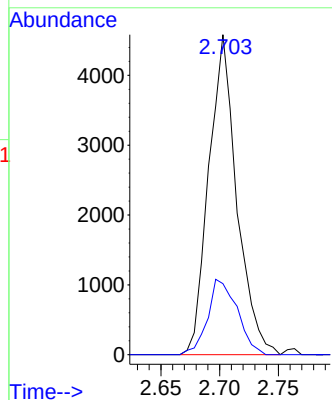
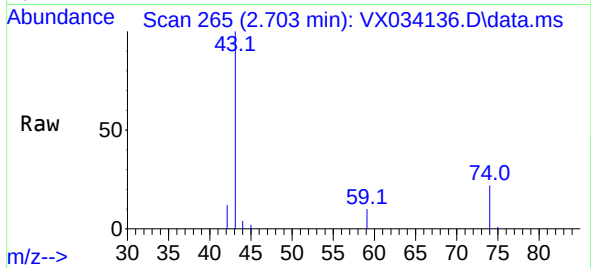




#15
Methyl Acetate
Concen: 9.131 ug/L
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

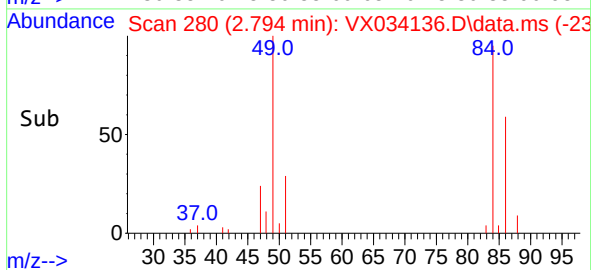
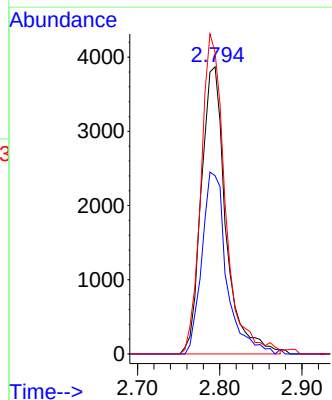
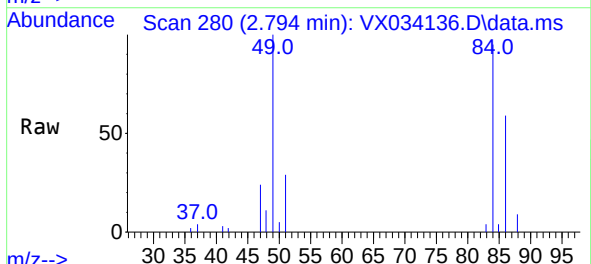
Instrument :
MSVOA_X
ClientSampleId :
VSTD010620

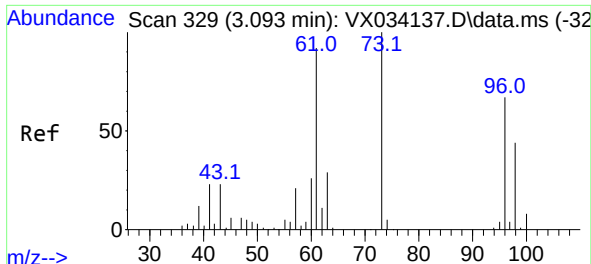
Tgt Ion: 43 Resp: 7610
Ion Ratio Lower Upper
43 100
74 24.9 19.7 29.5



#16
Methylene chloride
Concen: 9.091 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Tgt Ion: 84 Resp: 8049
Ion Ratio Lower Upper
84 100
86 62.0 45.2 84.0
49 105.0 82.5 153.1

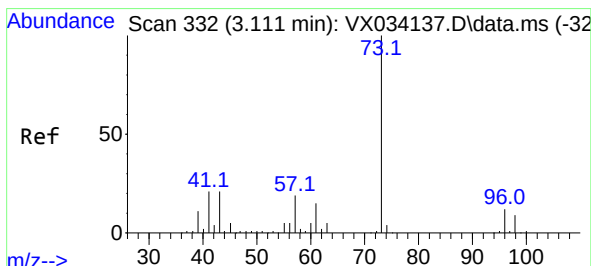
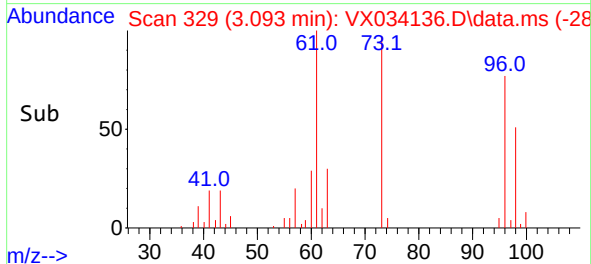
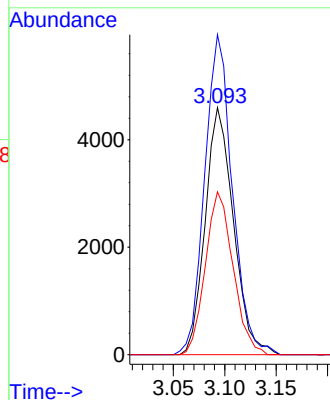
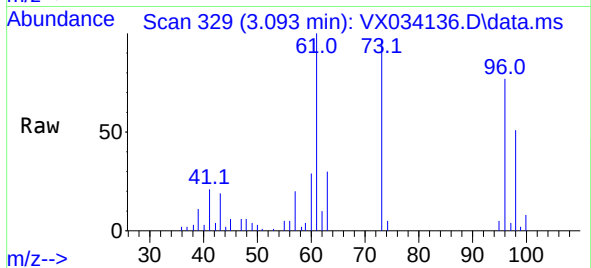




#17
trans-1,2-Dichloroethene
Concen: 10.180 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

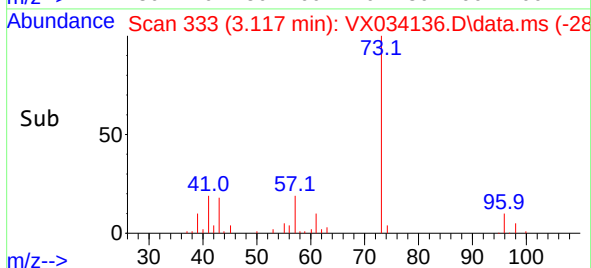
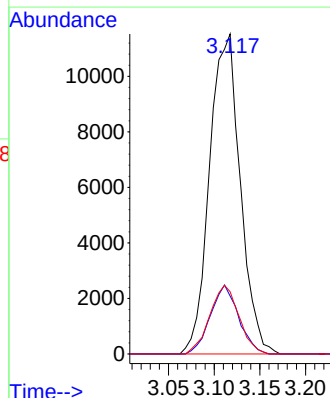
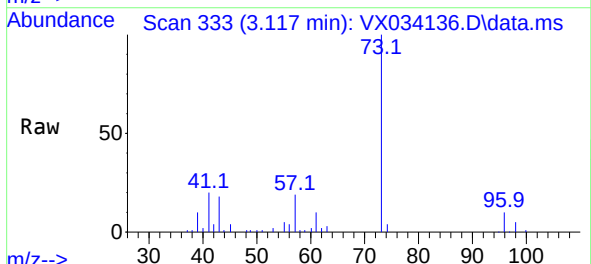
Instrument :
MSVOA_X
ClientSampleId :
VSTD010620

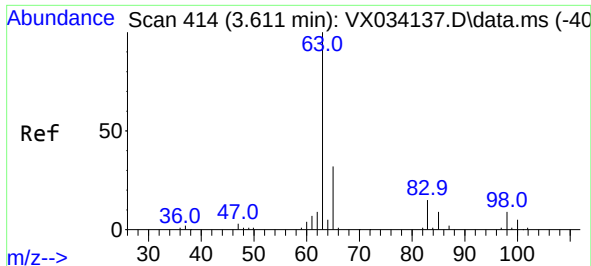
Tgt Ion: 96 Resp: 8808
Ion Ratio Lower Upper
96 100
61 129.6 87.7 162.9
98 65.9 45.4 84.4



#18
Methyl tert-butyl Ether
Concen: 10.467 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Tgt Ion: 73 Resp: 26920
Ion Ratio Lower Upper
73 100
43 19.7 15.6 23.4
57 20.4 17.5 26.3

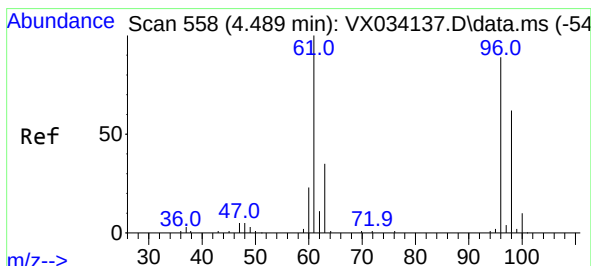
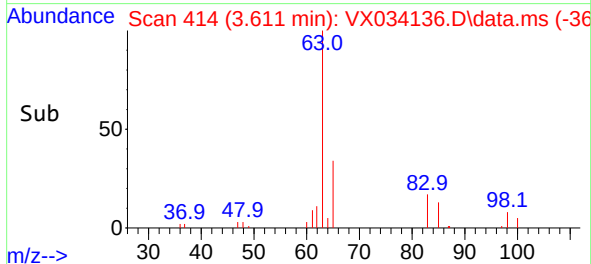
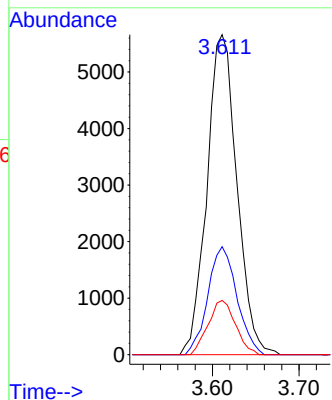
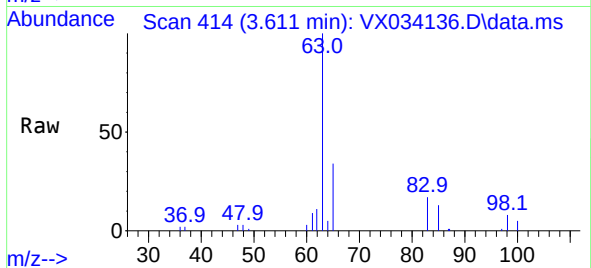




#19
1,1-Dichloroethane
Concen: 8.974 ug/L
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

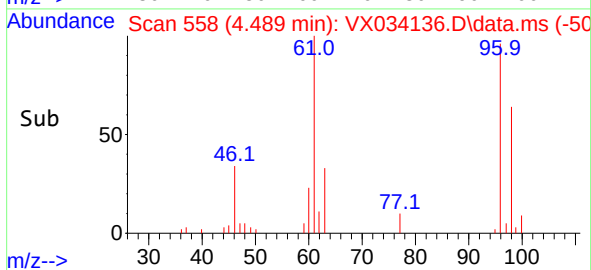
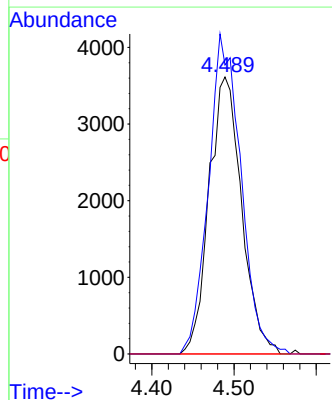
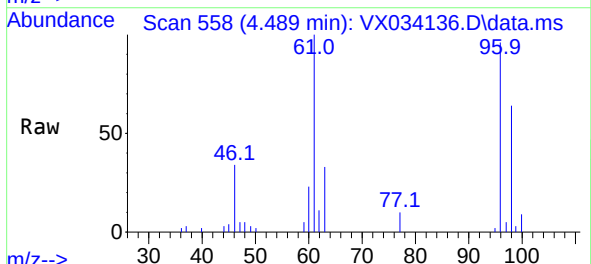
Instrument :
MSVOA_X
ClientSampleId :
VSTD010620

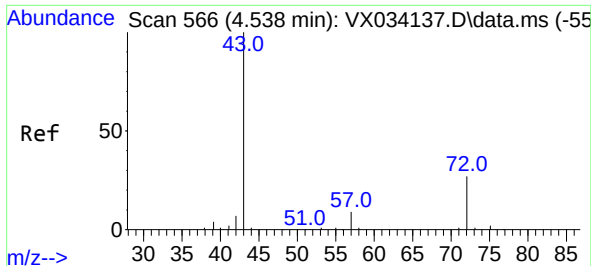
Tgt Ion:	63	Resp:	13619
Ion	Ratio	Lower	Upper
63	100		
65	33.8	21.9	40.7
83	17.0	10.6	19.6



#20
cis-1,2-Dichloroethene
Concen: 10.066 ug/L
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Tgt Ion:	96	Resp:	9960
Ion	Ratio	Lower	Upper
96	100		
61	104.3	80.3	149.1
68	0.0	0.0	0.0

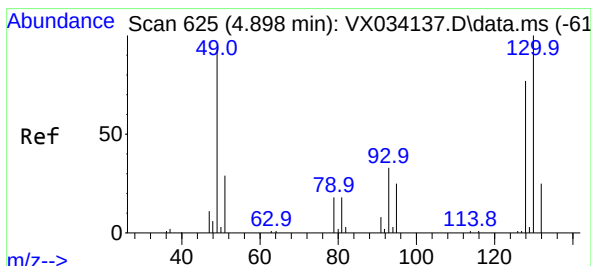
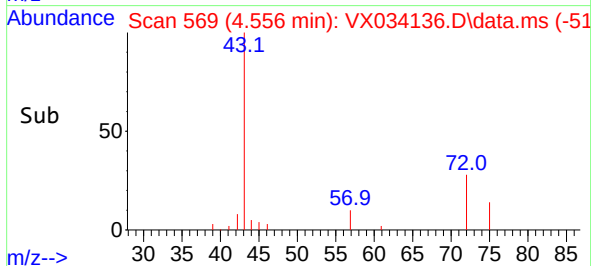
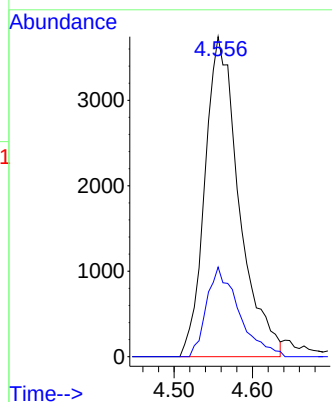
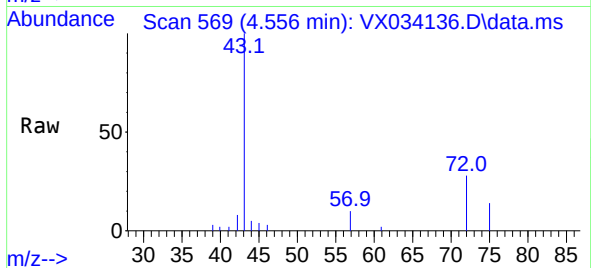




#22
2-Butanone
Concen: 17.729 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.018 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

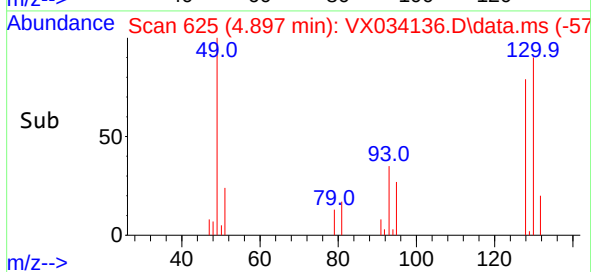
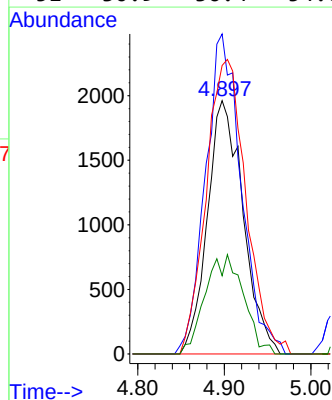
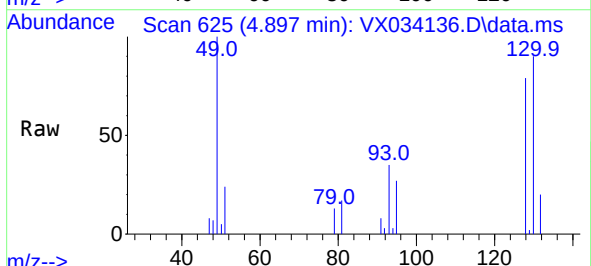
Instrument :
MSVOA_X
ClientSampleId :
VSTD010620

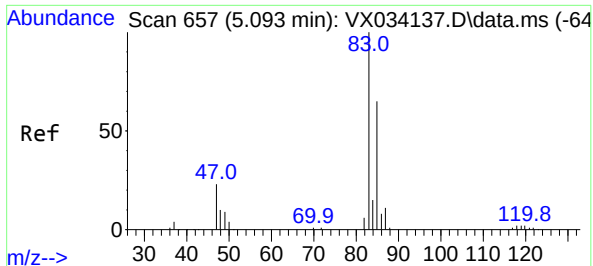
Tgt Ion: 43 Resp: 11341
Ion Ratio Lower Upper
43 100
72 26.5 13.2 39.6



#23
Bromochloromethane
Concen: 10.134 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Tgt Ion:128 Resp: 5618
Ion Ratio Lower Upper
128 100
49 126.3 94.7 175.9
130 113.9 91.3 169.6
51 30.9 36.4 54.6#





#25

Chloroform

Concen: 10.275 ug/L

RT: 5.093 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX034136.D

Acq: 13 Feb 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

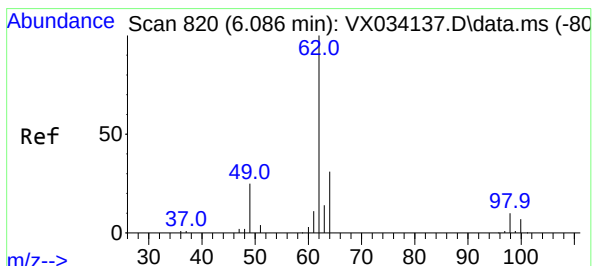
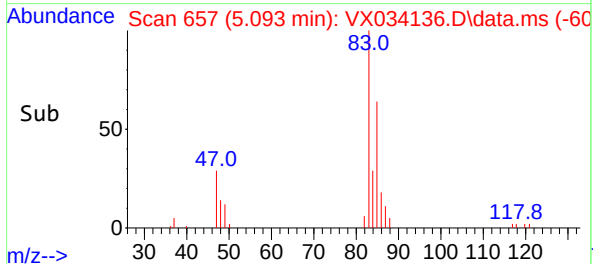
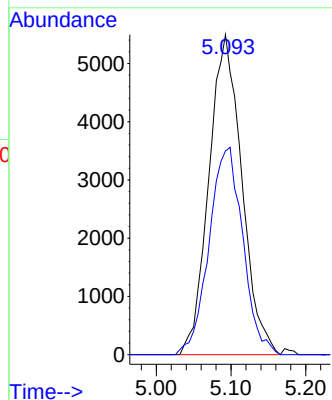
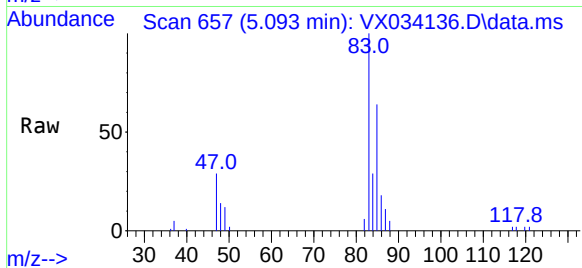
VSTD010620

Tgt Ion: 83 Resp: 16796

Ion Ratio Lower Upper

83 100

85 63.7 47.0 87.4



#27

1,2-Dichloroethane

Concen: 10.407 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.006 min

Lab File: VX034136.D

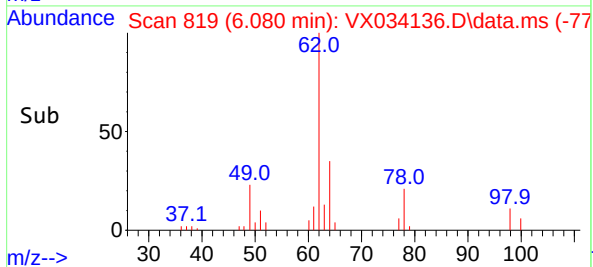
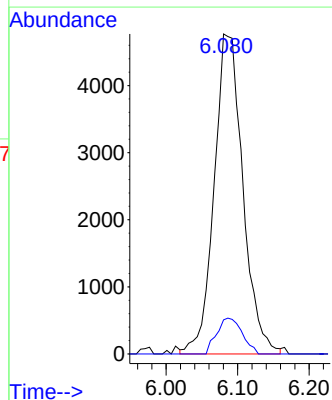
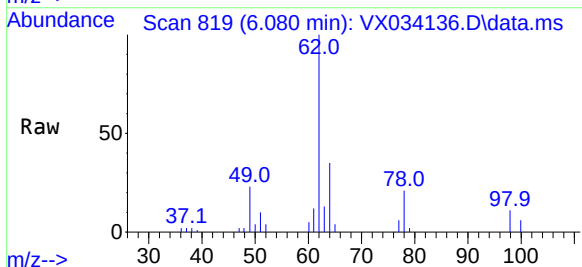
Acq: 13 Feb 2023 10:58

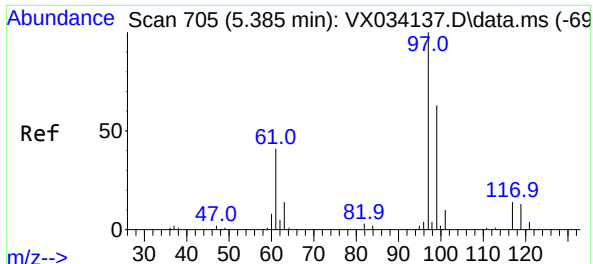
Tgt Ion: 62 Resp: 13311

Ion Ratio Lower Upper

62 100

98 10.6 9.1 13.7

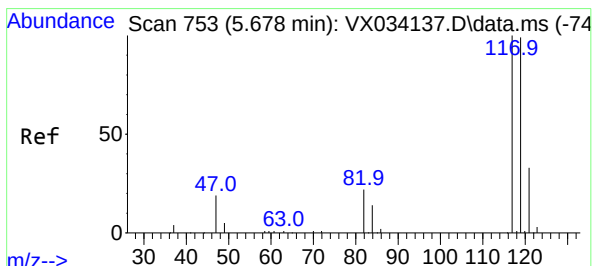
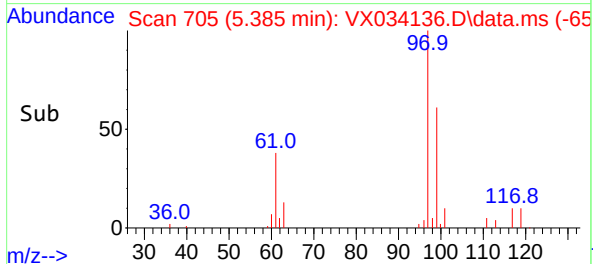
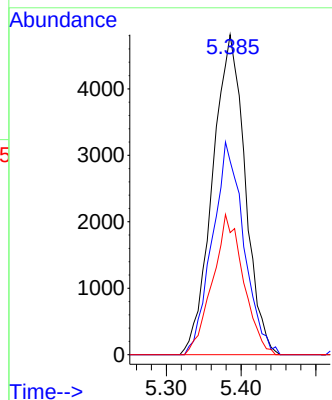
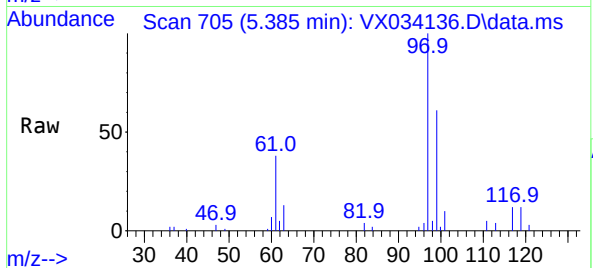




#30
1,1,1-Trichloroethane
Concen: 9.789 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

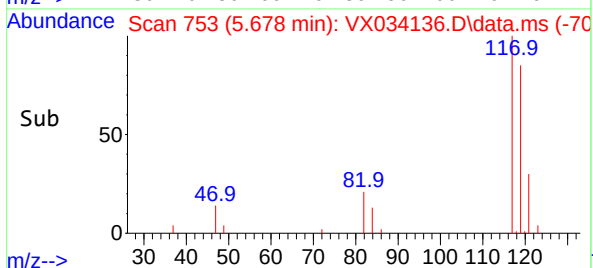
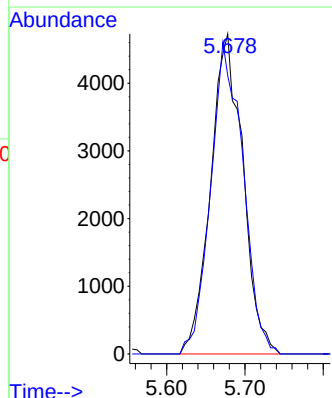
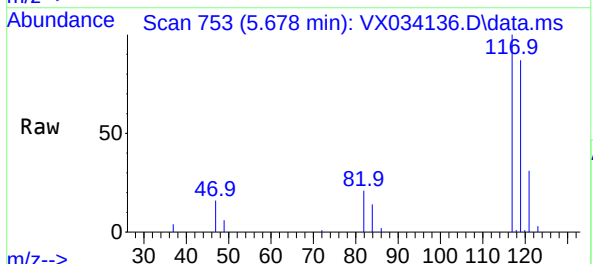
Instrument :
MSVOA_X
ClientSampleId :
VSTD010620

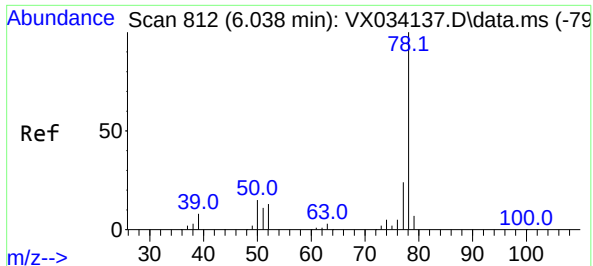
Tgt Ion: 97 Resp: 14591
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.8
61 41.6 34.7 52.1



#31
Carbon tetrachloride
Concen: 9.714 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Tgt Ion: 117 Resp: 13513
Ion Ratio Lower Upper
117 100
119 97.7 77.1 115.7

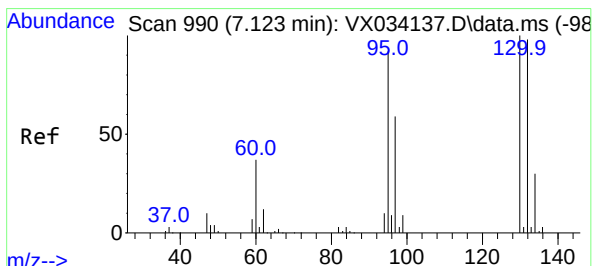
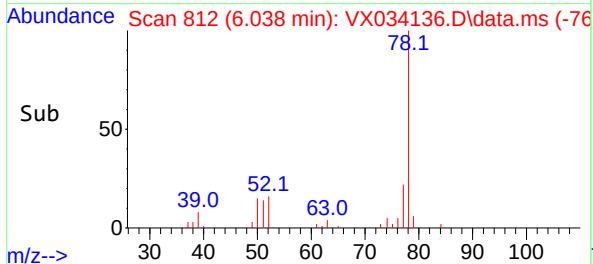
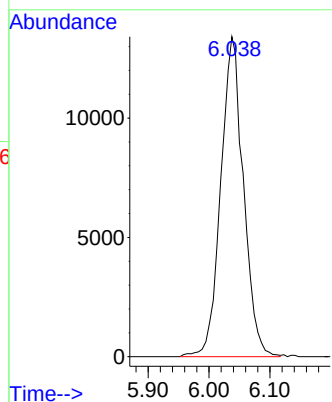
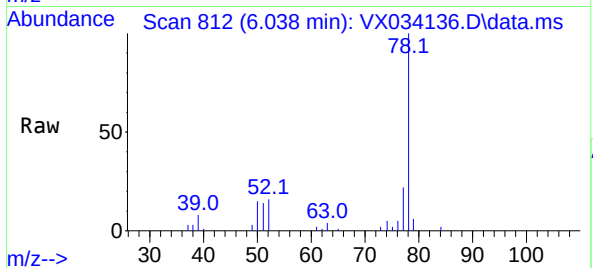




#33
Benzene
Concen: 9.109 ug/L
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTD010620

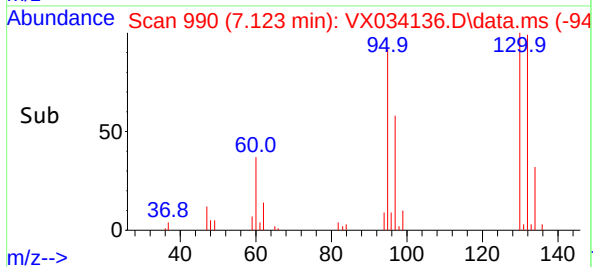
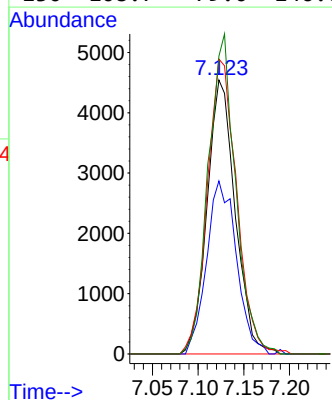
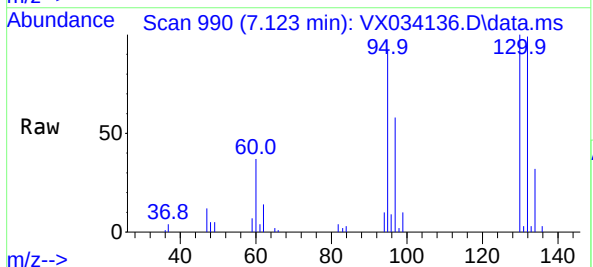
Tgt Ion: 78 Resp: 34594

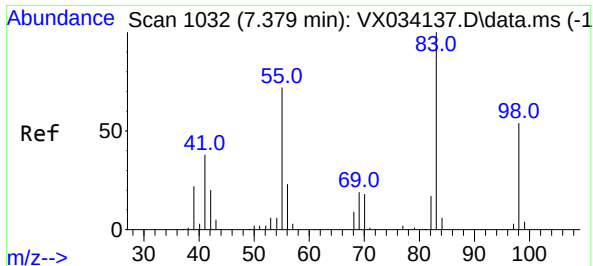


#34
Trichloroethene
Concen: 9.345 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Tgt Ion: 95 Resp: 9714

Ion	Ratio	Lower	Upper
95	100		
97	63.1	46.8	87.0
132	107.6	76.2	141.4
130	108.7	79.0	146.6





#35

Methylcyclohexane

Concen: 9.544 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034136.D

Acq: 13 Feb 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTD010620

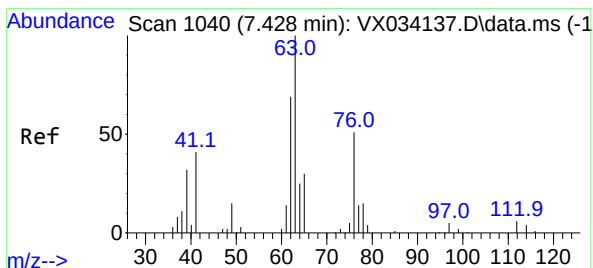
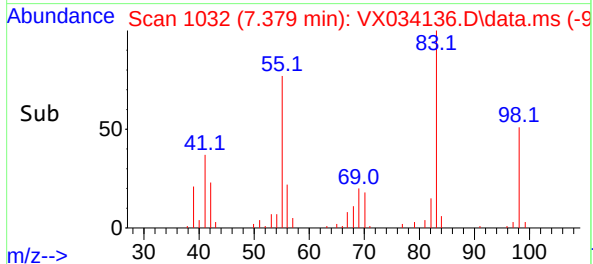
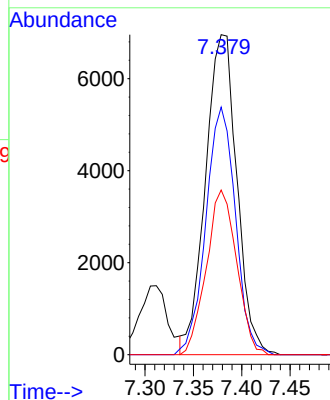
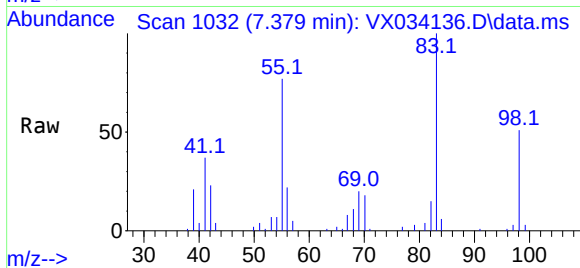
Tgt Ion: 83 Resp: 15710

Ion Ratio Lower Upper

83 100

55 73.1 59.0 88.4

98 49.6 40.6 60.8



#37

1,2-Dichloropropane

Concen: 9.752 ug/L

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034136.D

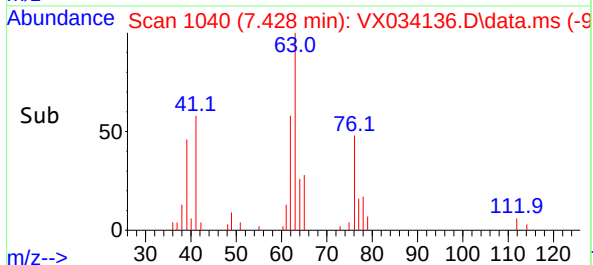
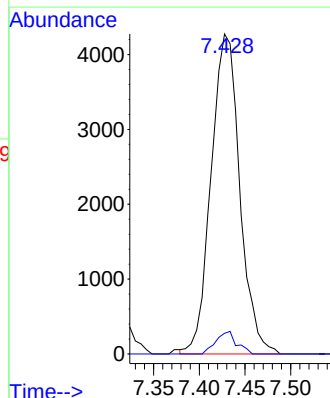
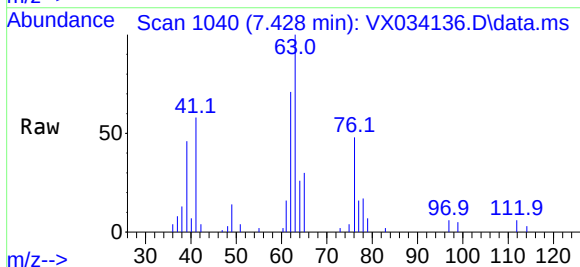
Acq: 13 Feb 2023 10:58

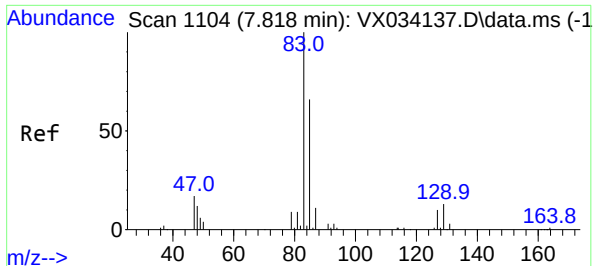
Tgt Ion: 63 Resp: 9343

Ion Ratio Lower Upper

63 100

112 5.1 4.1 6.1

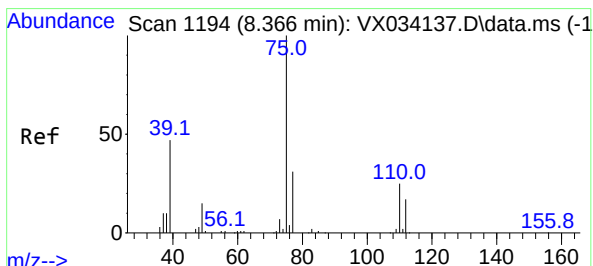
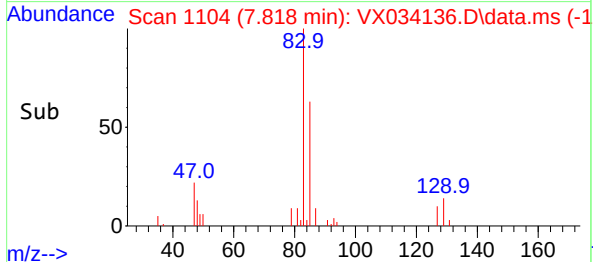
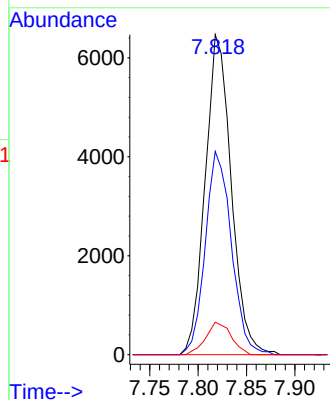
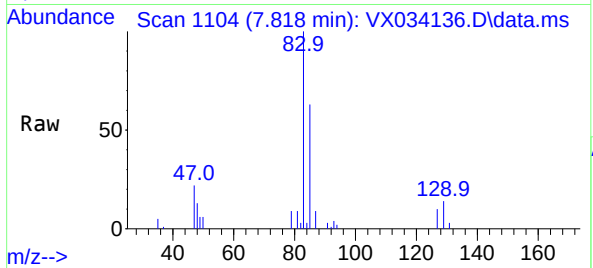




#38
Bromodichloromethane
Concen: 9.713 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

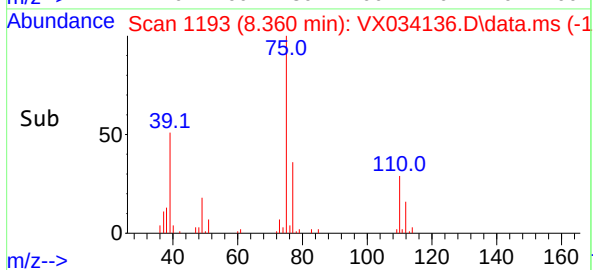
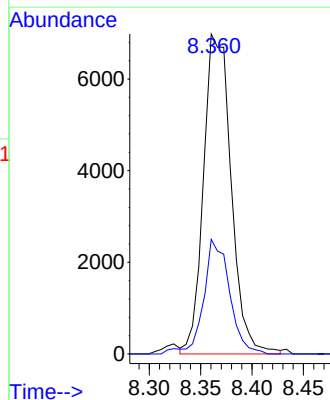
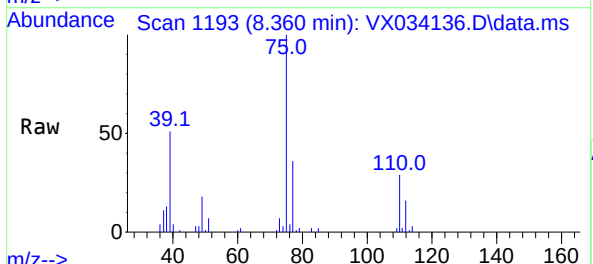
Instrument :
MSVOA_X
ClientSampleId :
VSTD010620

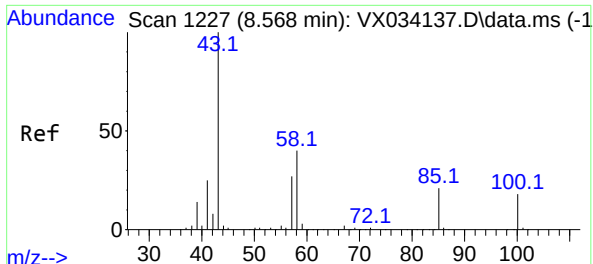
Tgt Ion: 83 Resp: 12145
Ion Ratio Lower Upper
83 100
85 63.5 46.3 85.9
127 10.2 7.4 11.0



#39
cis-1,3-Dichloropropene
Concen: 8.791 ug/L
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Tgt Ion: 75 Resp: 13053
Ion Ratio Lower Upper
75 100
77 35.8 22.5 41.9

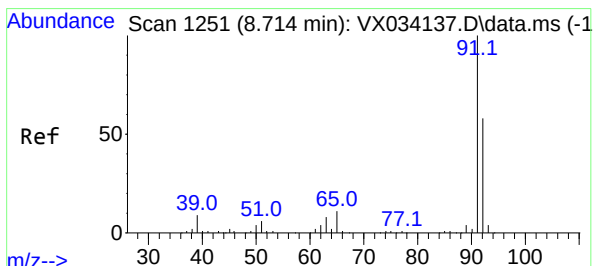
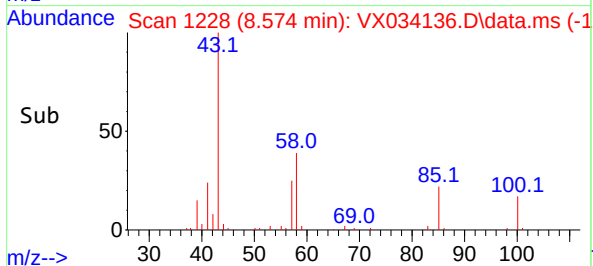
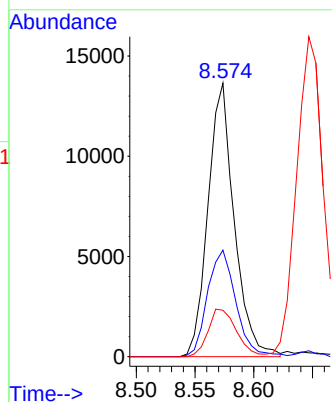
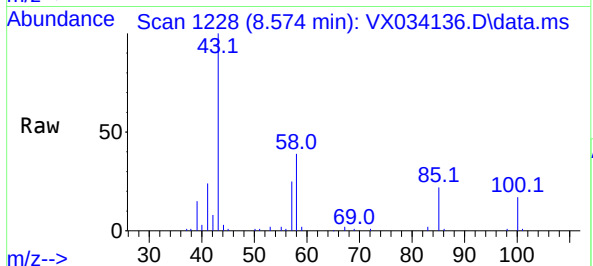




#40
4-Methyl-2-pentanone
Concen: 18.036 ug/L
RT: 8.574 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

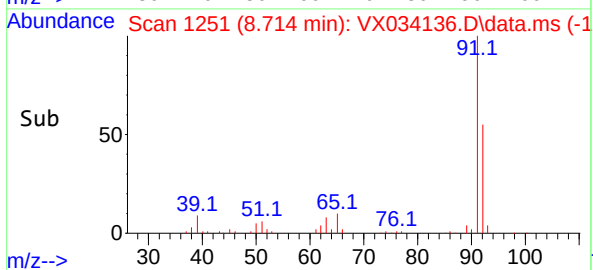
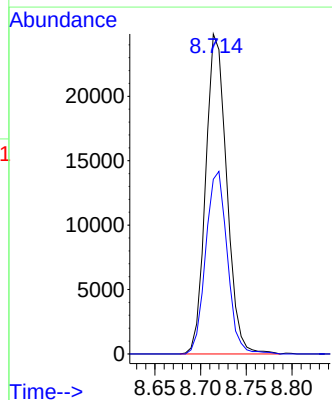
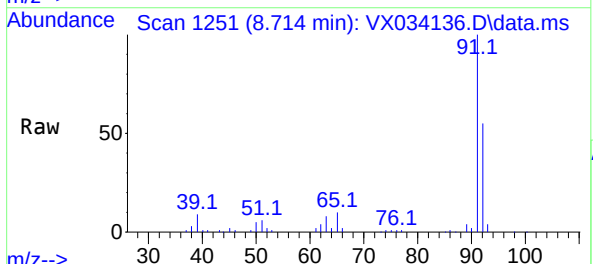
Instrument :
MSVOA_X
ClientSampleId :
VSTD010620

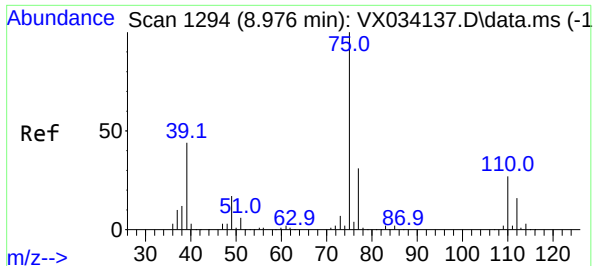
Tgt Ion: 43	Resp: 21225
Ion Ratio	Lower Upper
43	100
58	42.1 31.9 47.9
100	18.9 14.4 21.6



#42
Toluene
Concen: 9.776 ug/L
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Tgt Ion: 91	Resp: 39734
Ion Ratio	Lower Upper
91	100
92	54.6 41.6 77.3

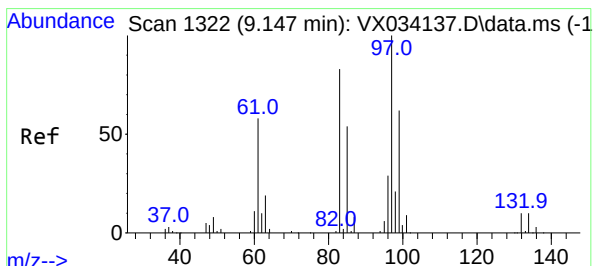
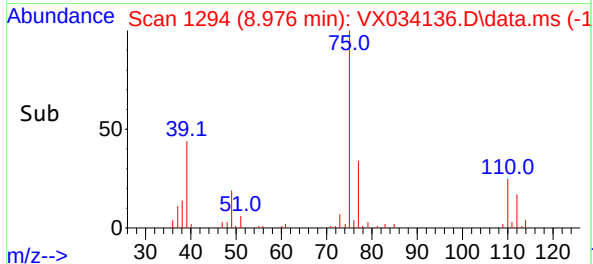
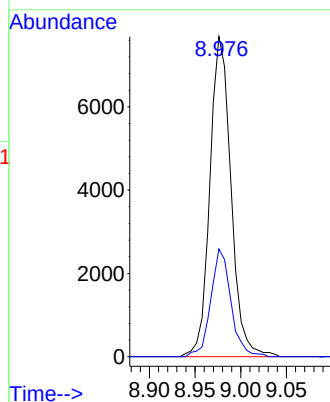
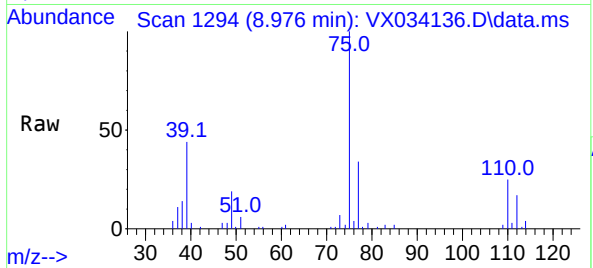




#44
trans-1,3-Dichloropropene
Concen: 9.197 ug/L
RT: 8.976 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

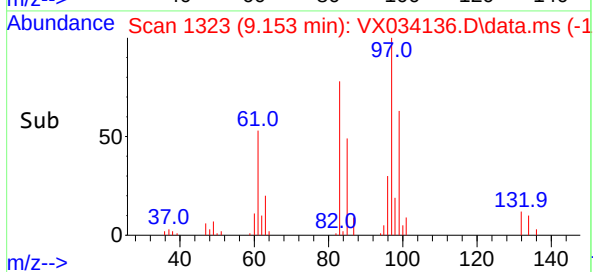
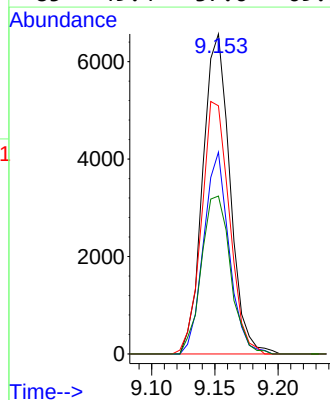
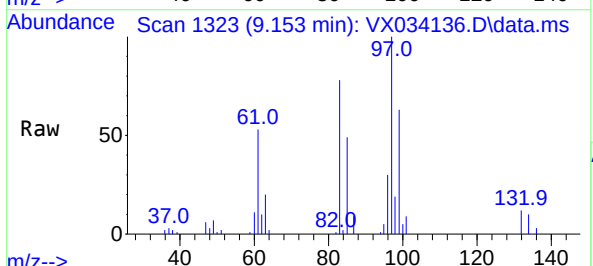
Instrument :
MSVOA_X
ClientSampleId :
VSTD010620

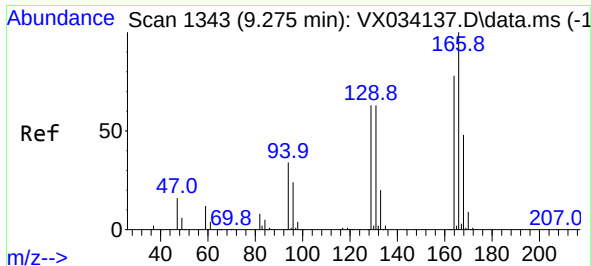
Tgt Ion: 75 Resp: 12342
Ion Ratio Lower Upper
75 100
77 33.7 22.3 41.3



#45
1,1,2-Trichloroethane
Concen: 10.010 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Tgt Ion: 97 Resp: 9831
Ion Ratio Lower Upper
97 100
99 63.1 43.5 80.9
83 77.6 56.8 105.4
85 49.4 37.6 69.8



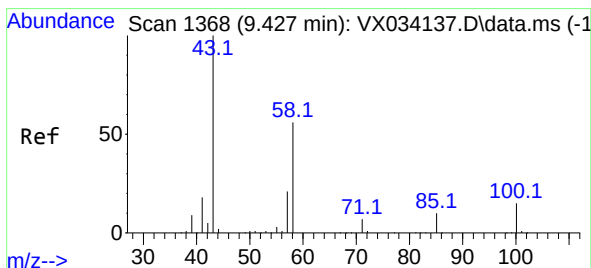
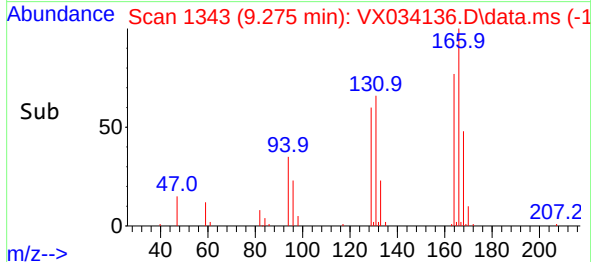
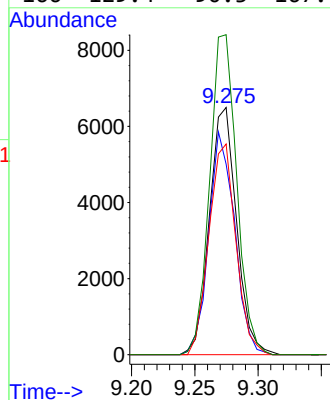
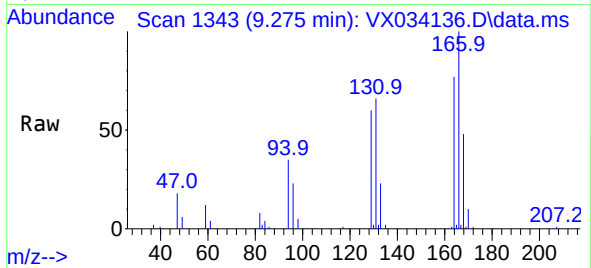


#46
Tetrachloroethene
Concen: 9.710 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTD010620

Tgt Ion:164 Resp: 9722

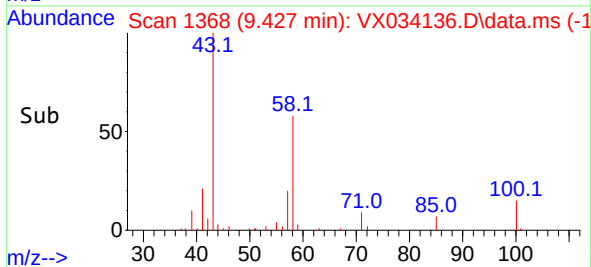
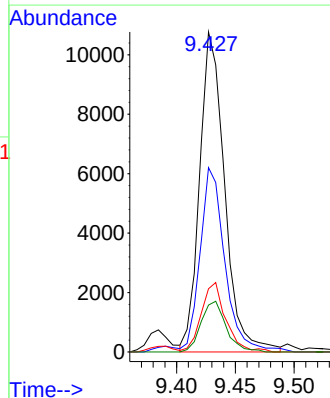
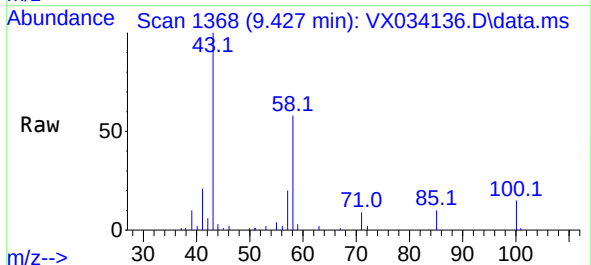
Ion	Ratio	Lower	Upper
164	100		
129	77.1	59.3	110.1
131	85.2	56.1	104.3
166	129.4	90.3	167.7

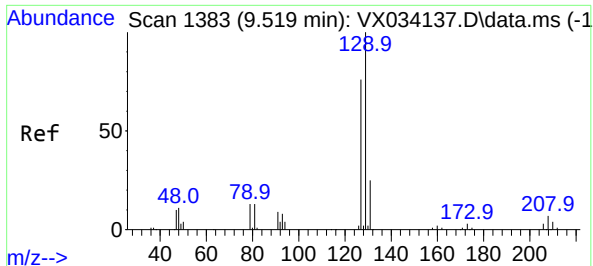


#48
2-Hexanone
Concen: 17.146 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Tgt Ion: 43 Resp: 15991

Ion	Ratio	Lower	Upper
43	100		
58	54.3	45.7	68.5
57	20.8	15.8	23.8
100	15.9	11.5	17.3





#49

Dibromochloromethane

Concen: 9.853 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX034136.D

Acq: 13 Feb 2023 10:58

Instrument :

MSVOA_X

ClientSampleId :

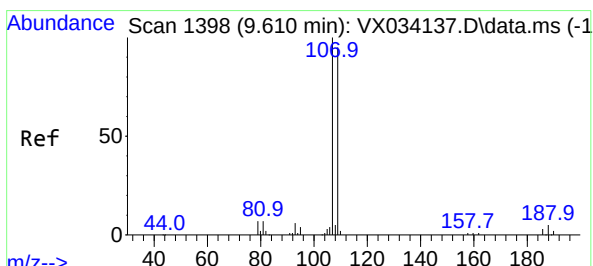
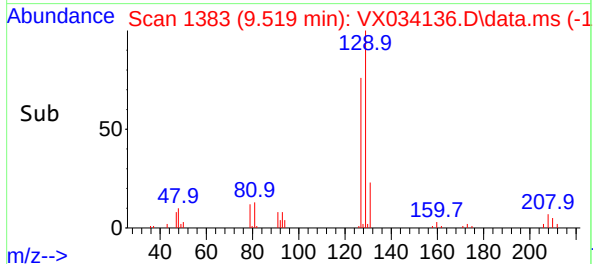
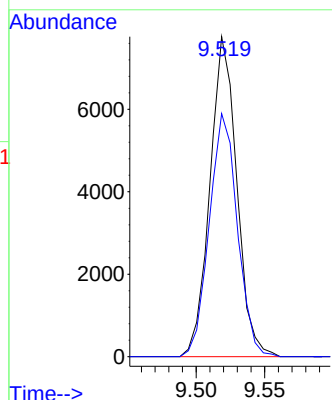
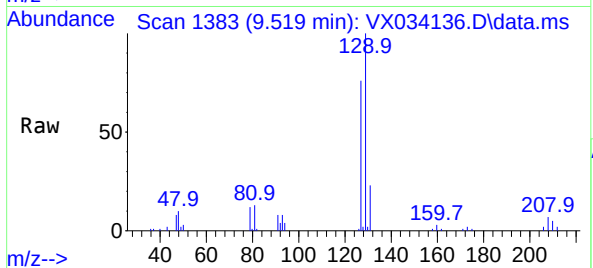
VSTD010620

Tgt Ion:129 Resp: 10580

Ion Ratio Lower Upper

129 100

127 76.0 53.3 98.9



#50

1,2-Dibromoethane

Concen: 10.025 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX034136.D

Acq: 13 Feb 2023 10:58

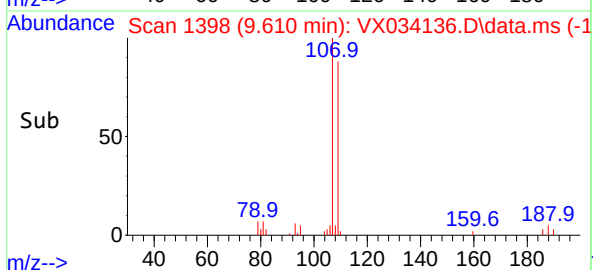
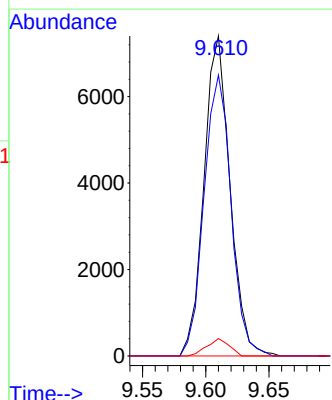
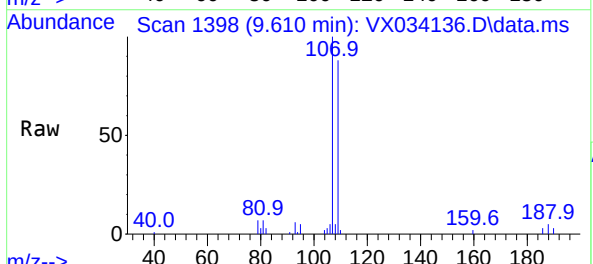
Tgt Ion:107 Resp: 10610

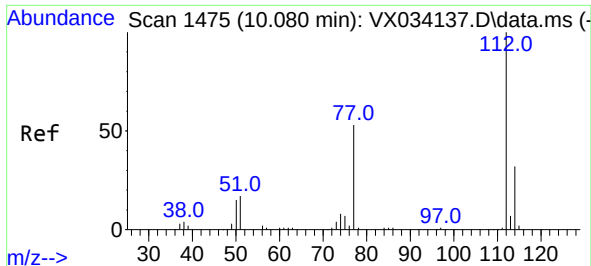
Ion Ratio Lower Upper

107 100

109 87.8 64.9 120.5

188 5.5 3.3 4.9#

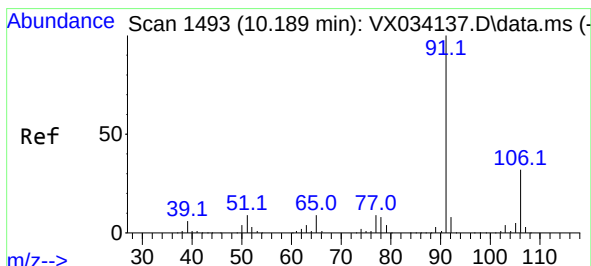
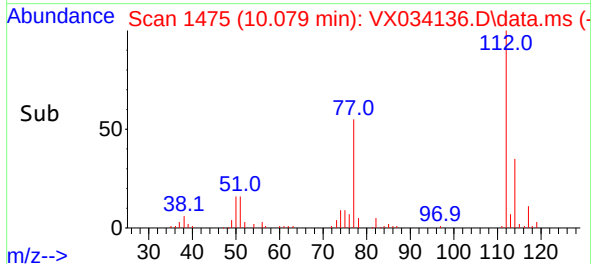
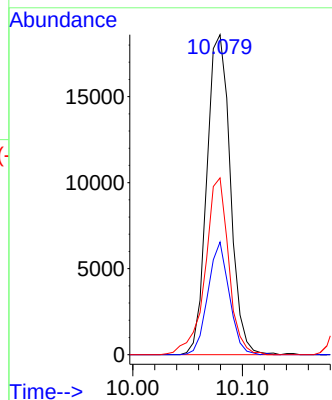
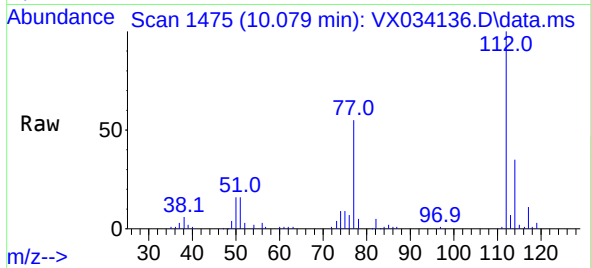




#51
Chlorobenzene
Concen: 10.078 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

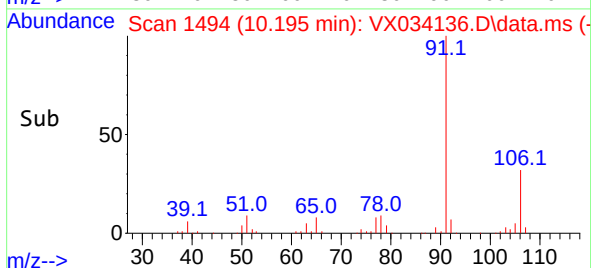
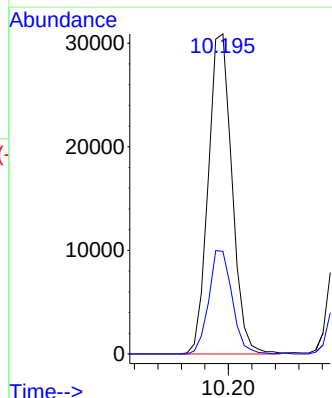
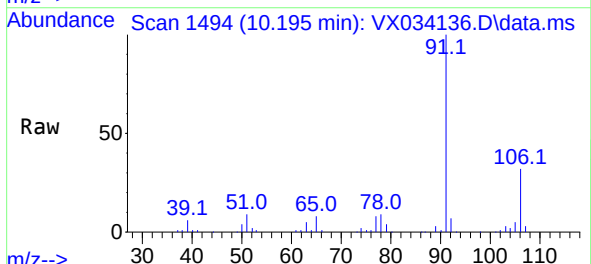
Instrument :
MSVOA_X
ClientSampleId :
VSTD010620

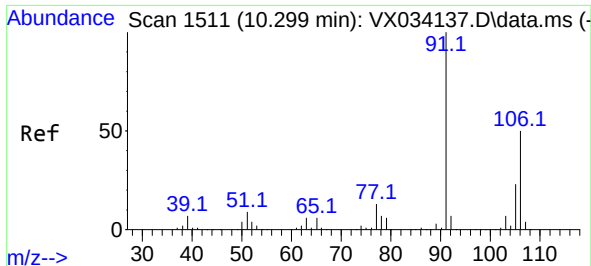
Tgt Ion:112 Resp: 27656
Ion Ratio Lower Upper
112 100
114 35.2 22.7 42.3
77 55.3 43.4 65.0



#52
Ethylbenzene
Concen: 9.644 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Tgt Ion: 91 Resp: 43295
Ion Ratio Lower Upper
91 100
106 32.0 23.2 43.0

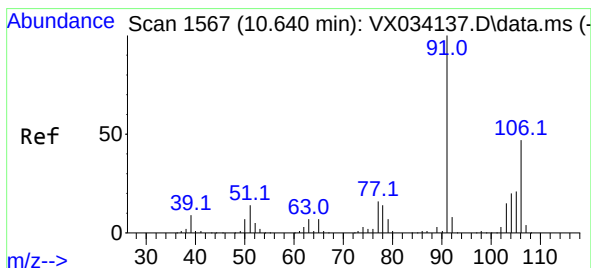
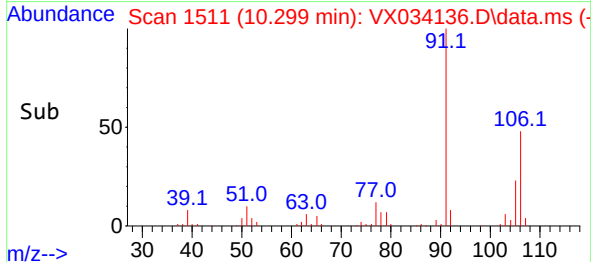
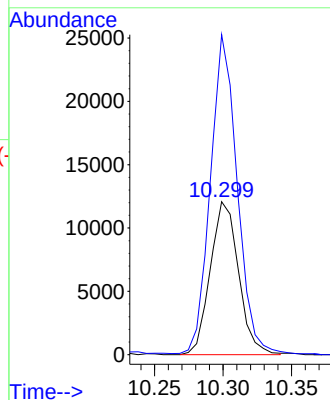
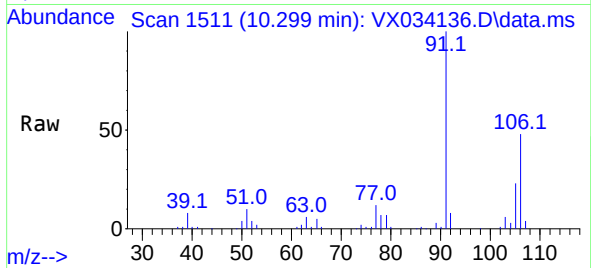




#53
m,p-Xylene
Concen: 9.681 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

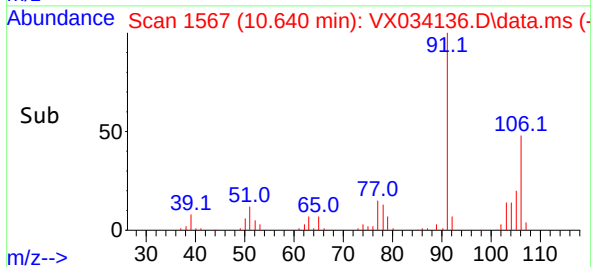
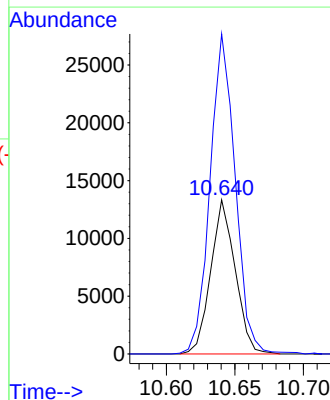
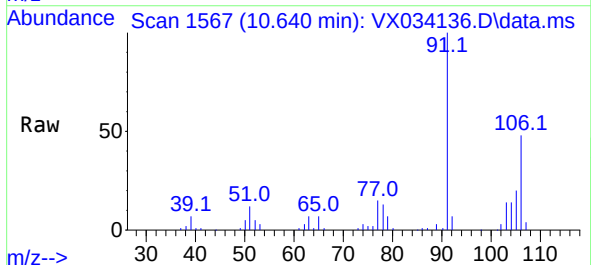
Instrument :
MSVOA_X
ClientSampleId :
VSTD010620

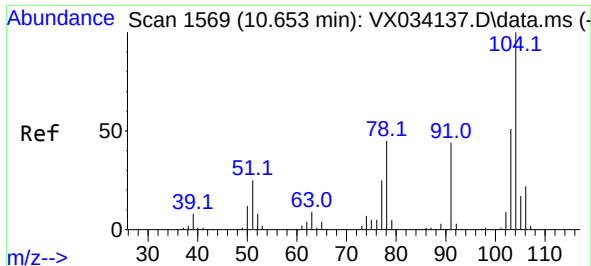
Tgt Ion:106 Resp: 17335
Ion Ratio Lower Upper
106 100
91 209.2 135.2 251.0



#54
o-Xylene
Concen: 9.587 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Tgt Ion:106 Resp: 16577
Ion Ratio Lower Upper
106 100
91 207.6 140.2 260.4

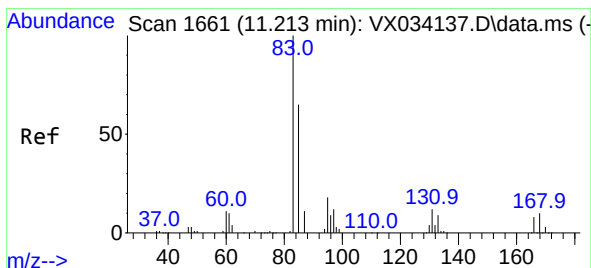
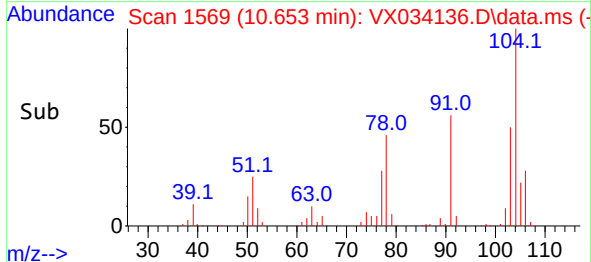
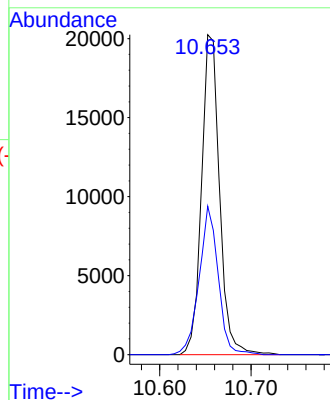
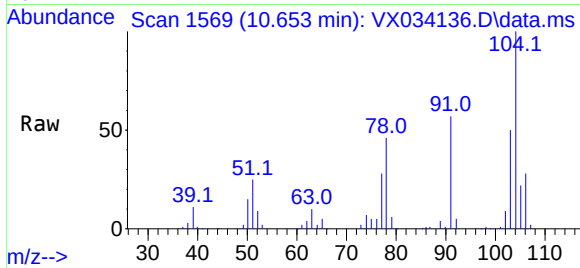




#55
Styrene
Concen: 9.535 ug/L
RT: 10.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

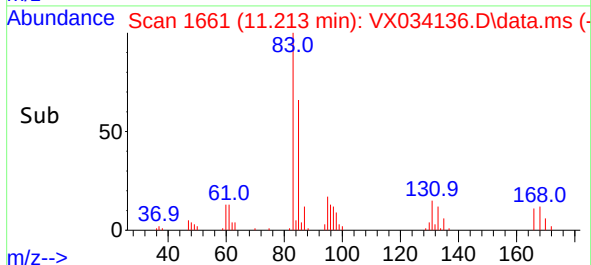
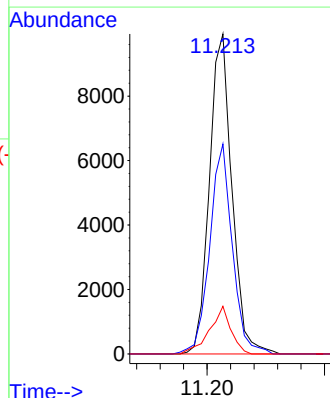
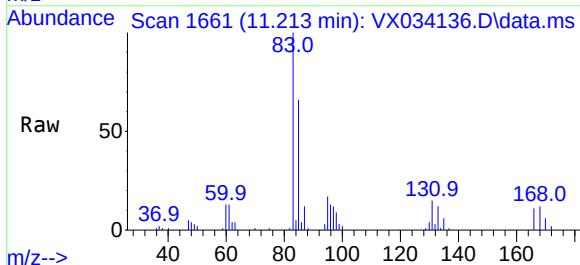
Instrument :
MSVOA_X
ClientSampleId :
VSTD010620

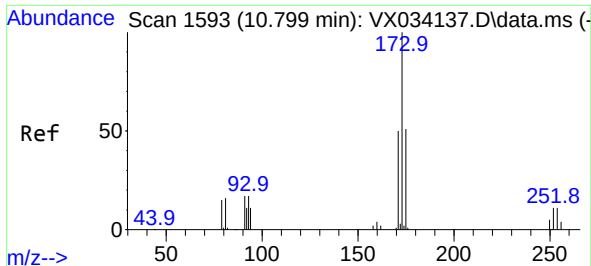
Tgt Ion:104 Resp: 27741
Ion Ratio Lower Upper
104 100
78 46.4 30.0 55.8



#57
1,1,2,2-Tetrachloroethane
Concen: 9.592 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Tgt Ion: 83 Resp: 13207
Ion Ratio Lower Upper
83 100
85 65.6 45.8 85.0
131 14.9 9.1 13.7#

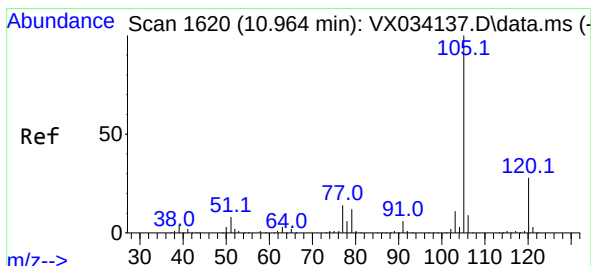
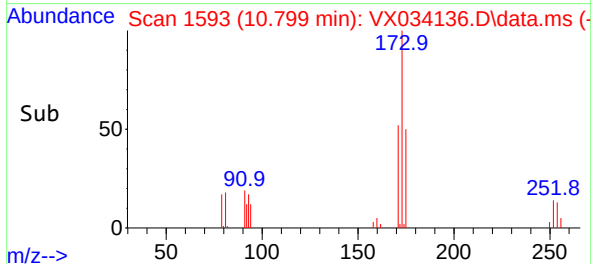
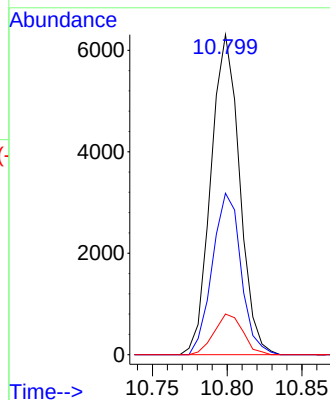
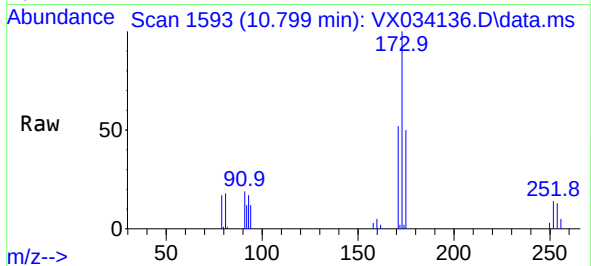




#59
Bromoform
Concen: 9.765 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

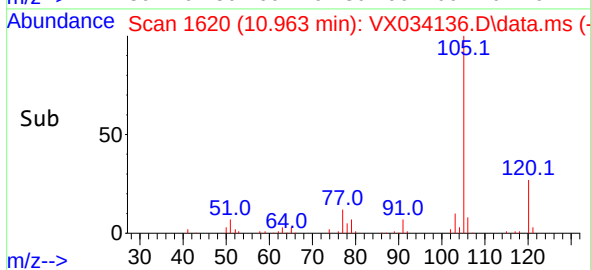
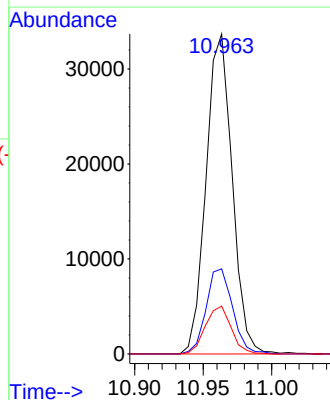
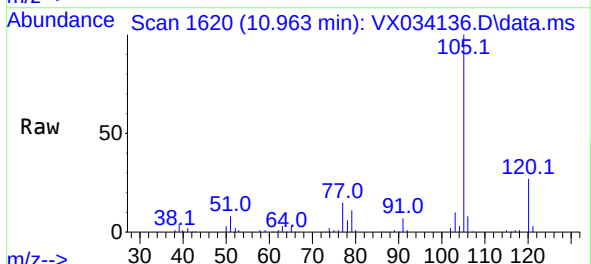
Instrument :
MSVOA_X
ClientSampleId :
VSTD010620

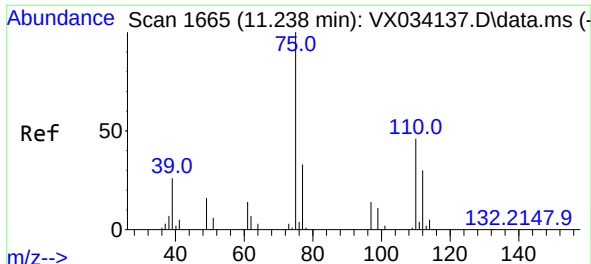
Tgt Ion:	173	Resp:	8419
Ion	Ratio	Lower	Upper
173	100		
175	50.4	38.3	57.5
254	12.7	9.1	13.7



#60
Isopropylbenzene
Concen: 9.854 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Tgt Ion:	105	Resp:	44686
Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.8	32.6
77	14.8	11.3	16.9

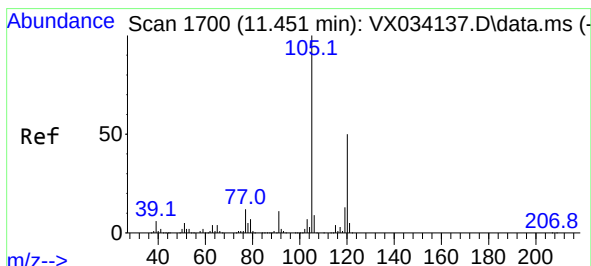
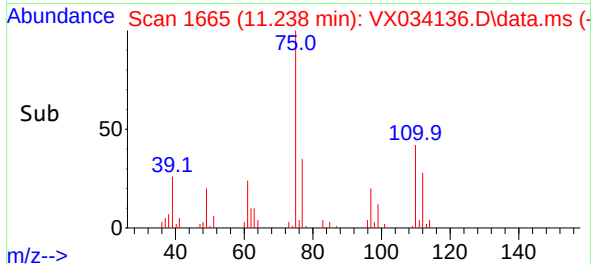
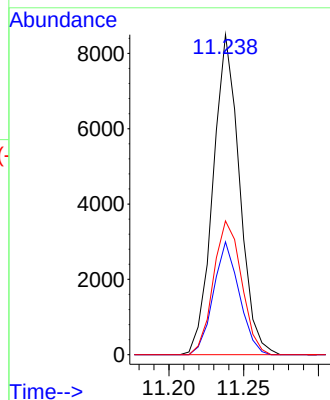
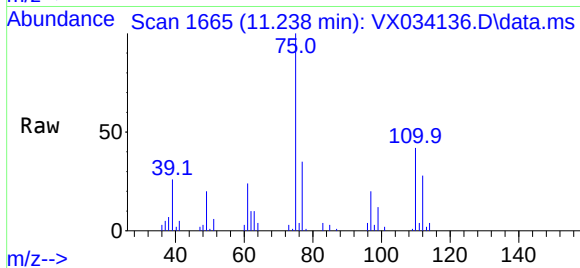




#61
1,2,3-Trichloropropane
Concen: 9.974 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

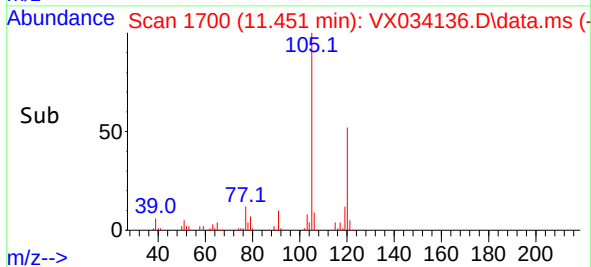
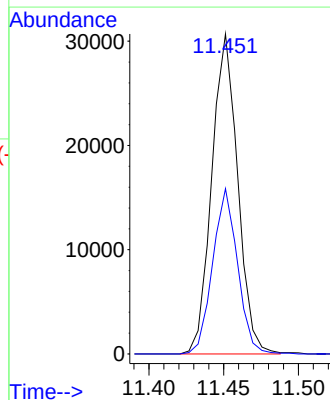
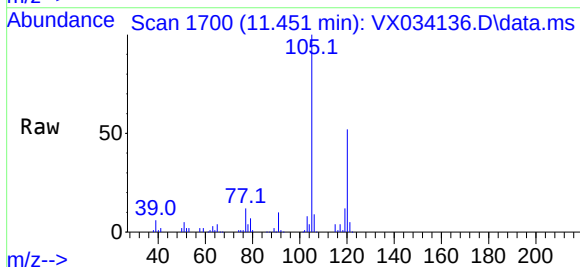
Instrument : MSVOA_X
ClientSampleId : VSTD010620

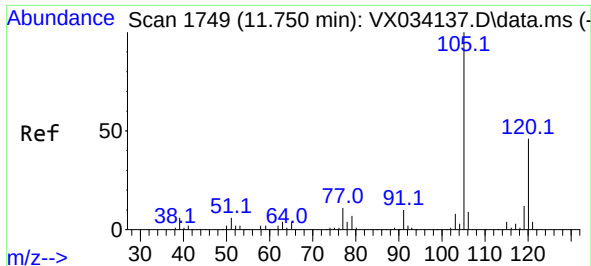
Tgt Ion:	75	Resp:	10465
Ion	Ratio	Lower	Upper
75	100		
77	34.4	26.1	39.1
110	44.4	34.2	51.4



#62
1,3,5-Trimethylbenzene
Concen: 9.928 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Tgt Ion:	105	Resp:	37003
Ion	Ratio	Lower	Upper
105	100		
120	49.6	41.3	61.9

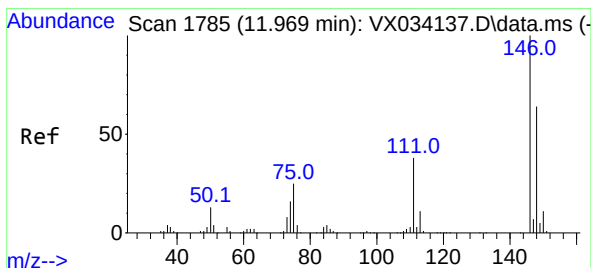
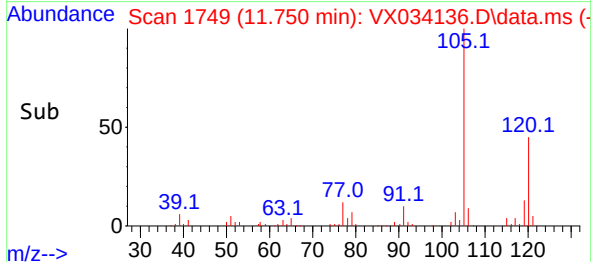
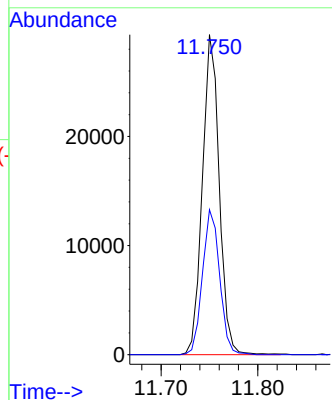
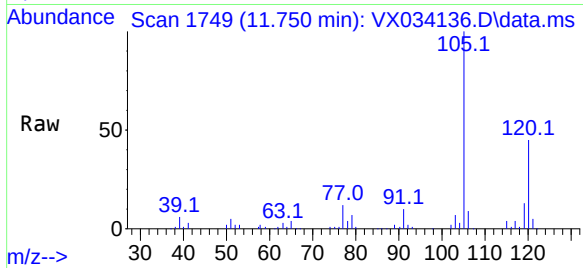




#63
1,2,4-Trimethylbenzene
Concen: 9.774 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

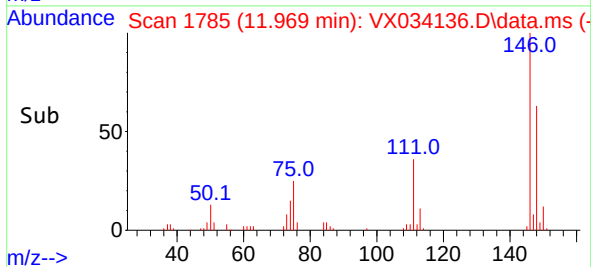
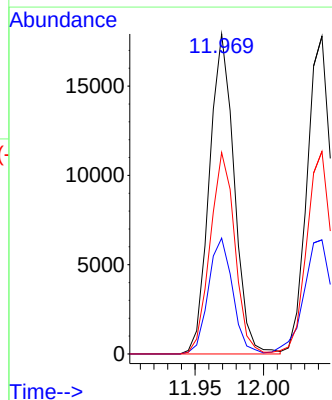
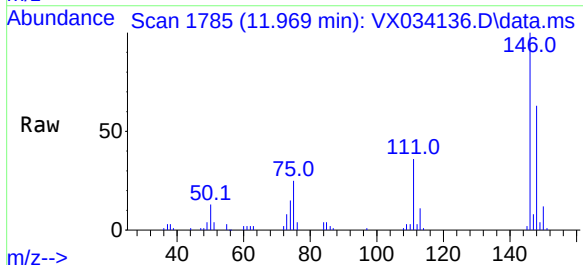
Instrument :
MSVOA_X
ClientSampleId :
VSTD010620

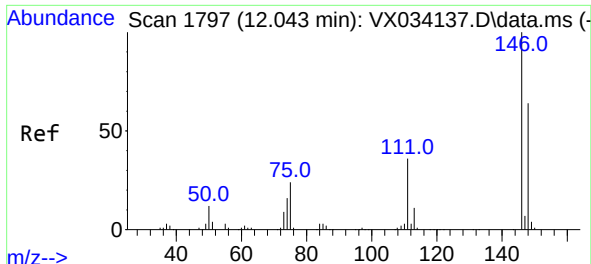
Tgt Ion:105 Resp: 35661
Ion Ratio Lower Upper
105 100
120 46.2 38.5 57.7



#64
1,3-Dichlorobenzene
Concen: 9.983 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Tgt Ion:146 Resp: 22577
Ion Ratio Lower Upper
146 100
111 36.2 25.5 47.3
148 63.0 44.9 83.3

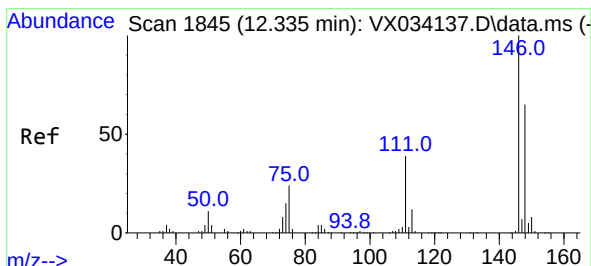
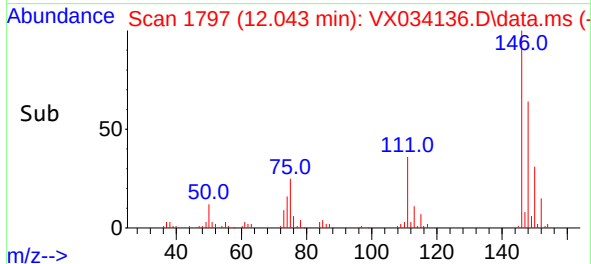
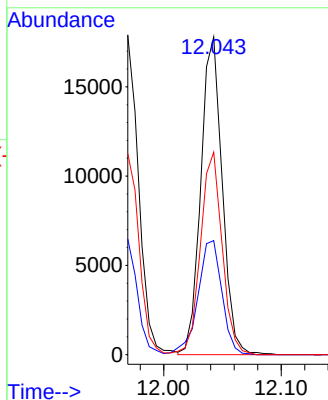
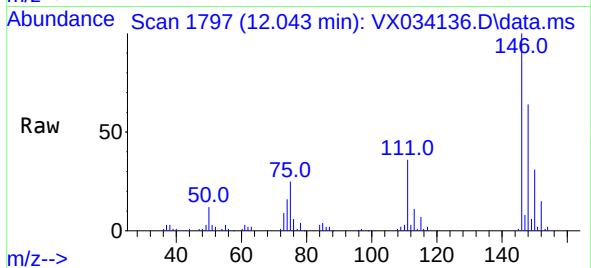




#65
1,4-Dichlorobenzene
Concen: 9.845 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

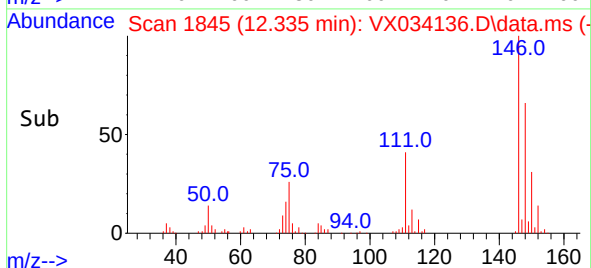
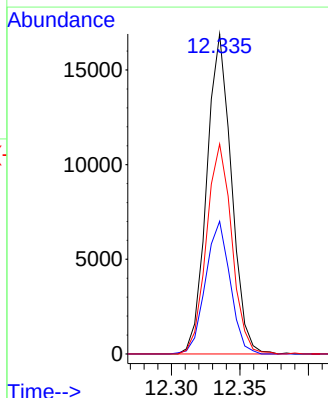
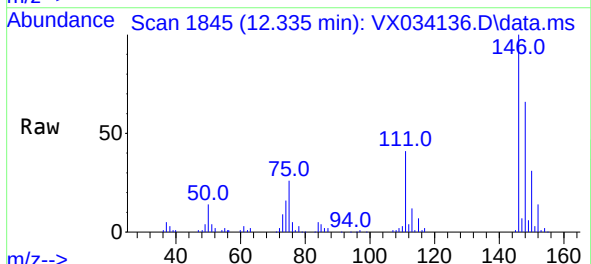
Instrument :
MSVOA_X
ClientSampleId :
VSTD010620

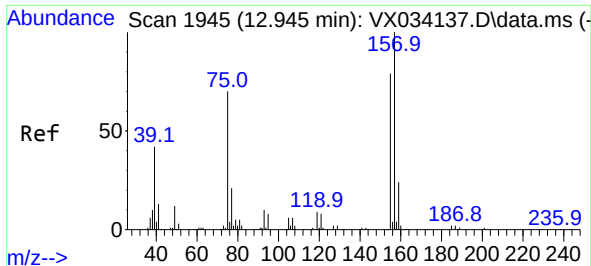
Tgt Ion:	146	Resp:	22516
Ion	Ratio	Lower	Upper
146	100		
111	35.9	23.7	44.1
148	63.7	45.0	83.6



#67
1,2-Dichlorobenzene
Concen: 9.577 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Tgt Ion:	146	Resp:	21157
Ion	Ratio	Lower	Upper
146	100		
111	41.4	30.4	45.6
148	65.6	51.4	77.2

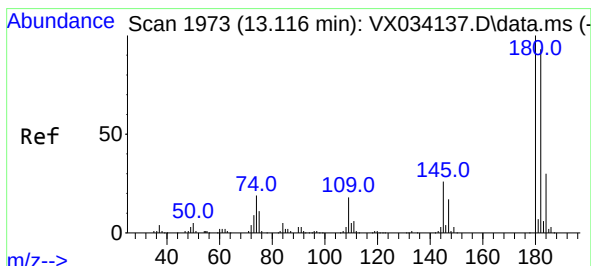
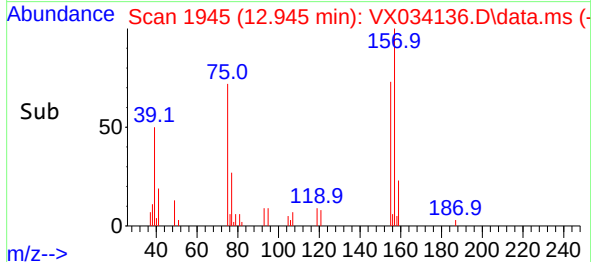
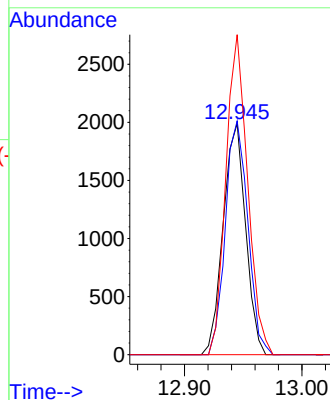
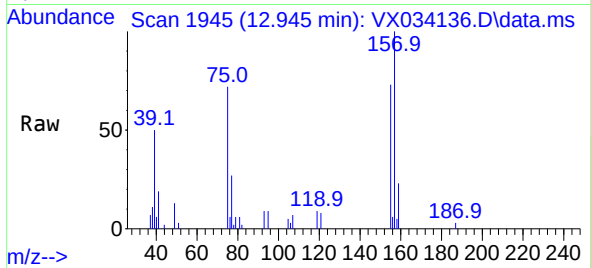




#68
1,2-Dibromo-3-chloropropane
Concen: 9.896 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

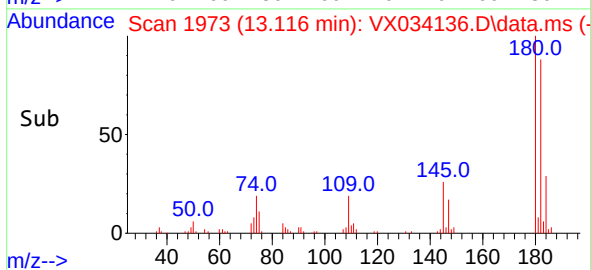
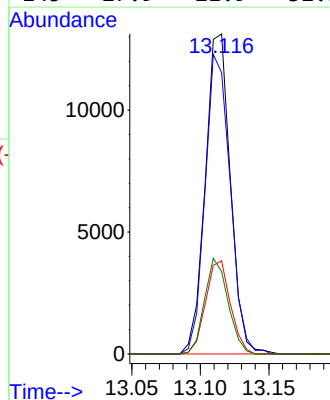
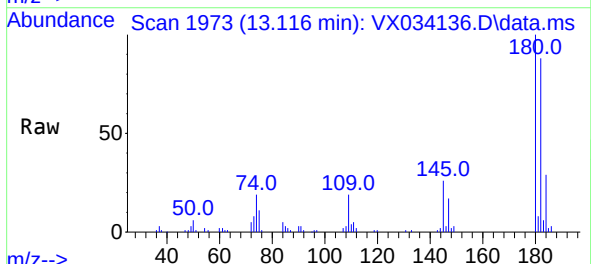
Instrument :
MSVOA_X
ClientSampleId :
VSTD010620

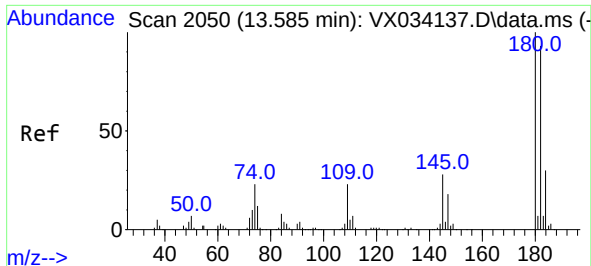
Tgt Ion: 75 Resp: 2636
Ion Ratio Lower Upper
75 100
155 101.1 89.0 133.6
157 138.4 116.9 175.3



#69
1,3,5-Trichlorobenzene
Concen: 9.784 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

Tgt Ion:180 Resp: 16766
Ion Ratio Lower Upper
180 100
182 93.2 77.3 115.9
184 28.6 24.5 36.7
145 27.9 21.9 32.9

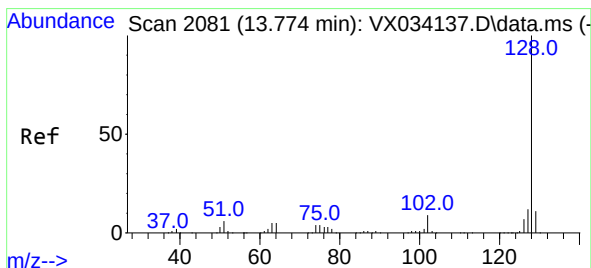
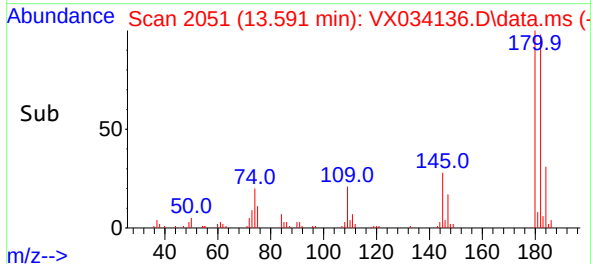
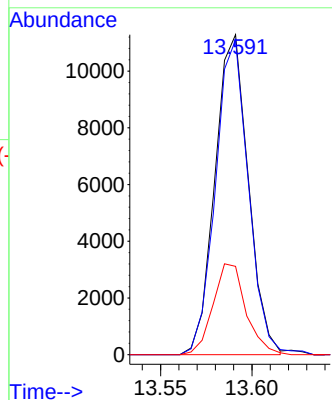
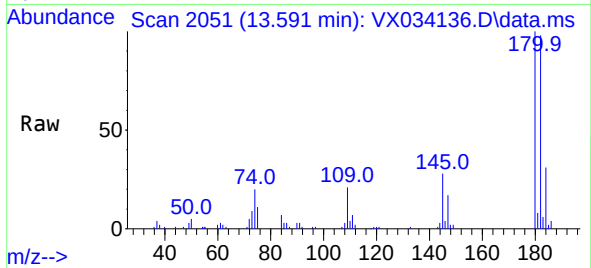




#70
1,2,4-trichlorobenzene
Concen: 9.194 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

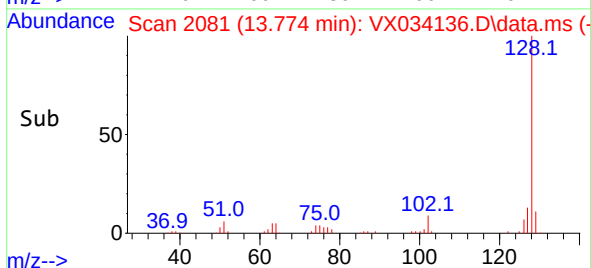
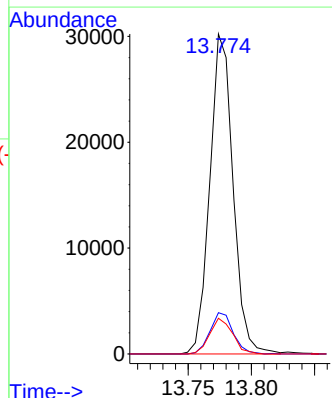
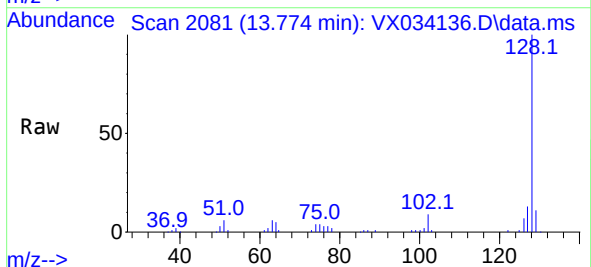
Instrument :
MSVOA_X
ClientSampleId :
VSTD010620

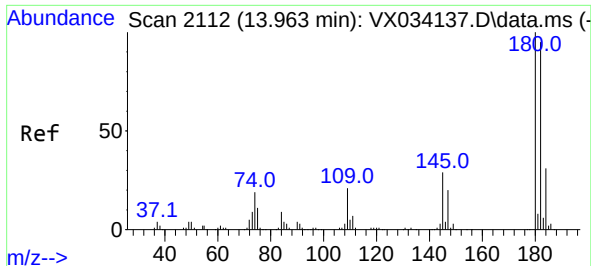
Tgt Ion:180 Resp: 14312
Ion Ratio Lower Upper
180 100
182 97.0 76.5 114.7
145 28.2 22.3 33.5



#71
Naphthalene
Concen: 9.020 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034136.D
Acq: 13 Feb 2023 10:58

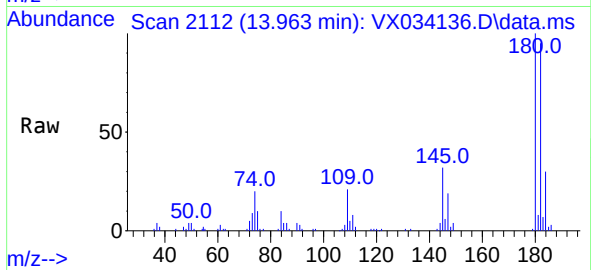
Tgt Ion:128 Resp: 38600
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.0 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 9.260 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX034136.D
 Acq: 13 Feb 2023 10:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010620



Tgt Ion:180 Resp: 14244

Ion	Ratio	Lower	Upper
180	100		
182	101.1	77.1	115.7
145	32.1	23.5	35.3

