

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021323\
 Data File : VX034137.D
 Acq On : 13 Feb 2023 11:22
 Operator : JC/MD
 Sample : VSTD05021
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050621

Quant Time: Feb 13 12:45:25 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	154445	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	133261	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	76935	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	29720	31.848	ug/L	0.00
7) Chloroethane-d5	1.666	69	23984	40.756	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	63	80761	44.180	ug/L	0.00
21) 2-Butanone-d5	4.452	46	46375	82.365	ug/L	0.00
24) Chloroform-d	5.056	84	95742	51.581	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	62415	54.641	ug/L	0.00
32) Benzene-d6	5.971	84	194465	50.760	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	55925	49.610	ug/L	0.00
41) Toluene-d8	8.647	98	184565	50.784	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	28220	54.024	ug/L	0.00
47) 2-Hexanone-d5	9.378	63	45151	106.022	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	73656	51.622	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	78175	50.672	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	84762	66.932	ug/L	100
3) Chloromethane	1.295	50	35902	36.700	ug/L	98
5) Vinyl chloride	1.374	62	35329	35.694	ug/L	99
6) Bromomethane	1.605	94	26346	48.280	ug/L	99
8) Chloroethane	1.685	64	21009	39.532	ug/L	99
9) Trichlorofluoromethane	1.892	101	76763	50.745	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	46651	45.503	ug/L	96
12) 1,1-Dichloroethene	2.319	96	41281	44.453	ug/L #	79
13) Acetone	2.374	43	37262	65.478	ug/L	94
14) Carbon disulfide	2.514	76	110365	44.069	ug/L	100
15) Methyl Acetate	2.697	43	36117	39.237	ug/L	97
16) Methylene chloride	2.788	84	42283	43.239	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	41651	43.587	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	133928	47.147	ug/L	96
19) 1,1-Dichloroethane	3.611	63	74820	44.637	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	47824	43.763	ug/L	99
22) 2-Butanone	4.538	43	49919	70.655	ug/L	76
23) Bromochloromethane	4.898	128	29176	47.654	ug/L	93
25) Chloroform	5.093	83	96911	53.681	ug/L	98
27) 1,2-Dichloroethane	6.086	62	80680	57.114	ug/L	97
29) Cyclohexane	5.471	56	84238	51.264	ug/L	95
30) 1,1,1-Trichloroethane	5.385	97	91589	57.924	ug/L	98
31) Carbon tetrachloride	5.678	117	86279	58.468	ug/L	99
33) Benzene	6.038	78	209791	52.072	ug/L	100
34) Trichloroethene	7.123	95	59063	53.563	ug/L	97
35) Methylcyclohexane	7.379	83	93817	53.726	ug/L	98
37) 1,2-Dichloropropane	7.428	63	51259	50.434	ug/L	98
38) Bromodichloromethane	7.818	83	73046	55.070	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	84765	53.813	ug/L	98
40) 4-Methyl-2-pentanone	8.568	43	130192	104.288	ug/L	98
42) Toluene	8.714	91	228732	53.050	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	80718	56.701	ug/L	99

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

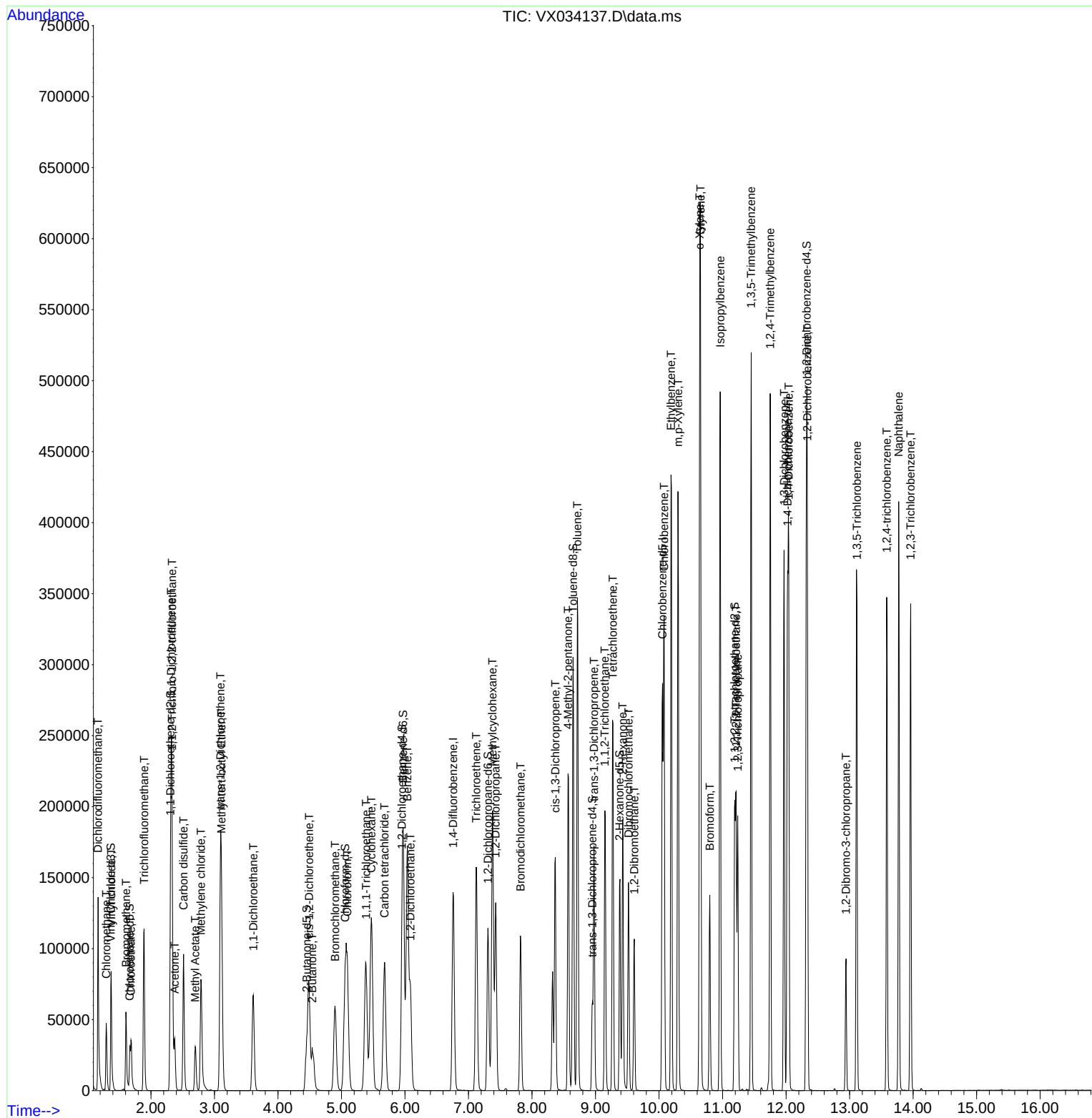
45) 1,1,2-Trichloroethane	9.147	97	55968	53.719	ug/L	99
46) Tetrachloroethene	9.275	164	58218	54.812	ug/L	99
48) 2-Hexanone	9.427	43	97085	98.131	ug/L	98
49) Dibromochloromethane	9.519	129	64234	56.388	ug/L	99
50) 1,2-Dibromoethane	9.610	107	60545	53.928	ug/L #	97
51) Chlorobenzene	10.080	112	153050	52.575	ug/L	99
52) Ethylbenzene	10.189	91	258838	54.353	ug/L	98
53) m,p-Xylene	10.299	106	101447	53.406	ug/L	95
54) o-Xylene	10.640	106	97856	53.347	ug/L	92
55) Styrene	10.653	104	167772	54.360	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	77506	53.062	ug/L	100
59) Bromoform	10.799	173	53576	55.603	ug/L	99
60) Isopropylbenzene	10.964	105	266522	52.586	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	59074	50.378	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	224059	53.790	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	214348	52.567	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	131193	51.908	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	132200	51.720	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	127860	51.784	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	17254	57.960	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	101883	53.195	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	92544	53.191	ug/L	99
71) Naphthalene	13.774	128	258651	54.083	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	91409	53.173	ug/L	99

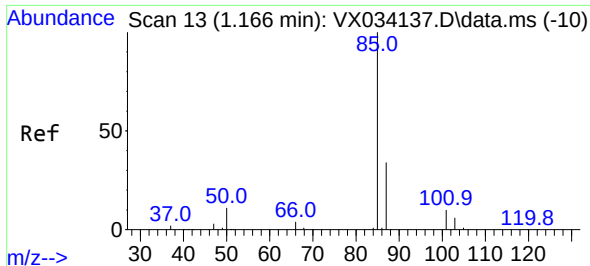
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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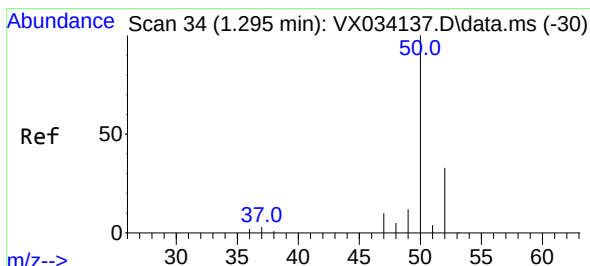
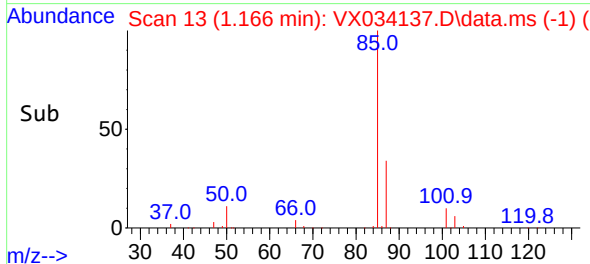
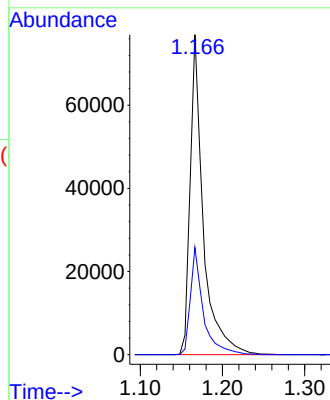
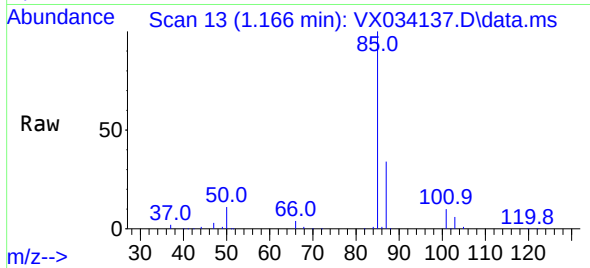




#2
Dichlorodifluoromethane
Concen: 66.932 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

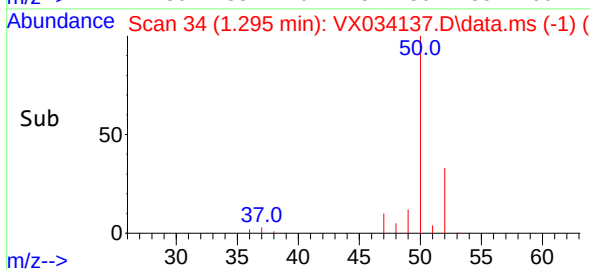
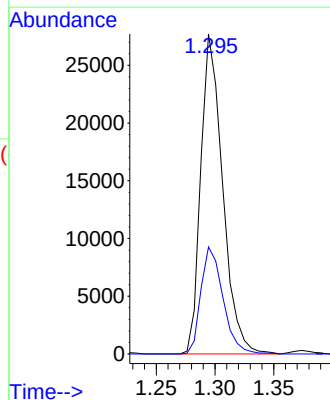
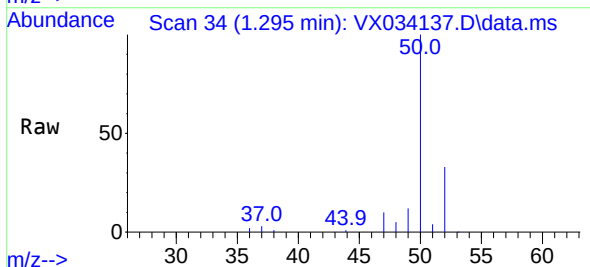
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

Tgt Ion: 85 Resp: 84762
Ion Ratio Lower Upper
85 100
87 32.6 25.9 38.9

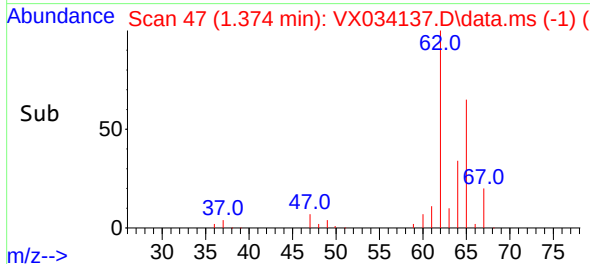
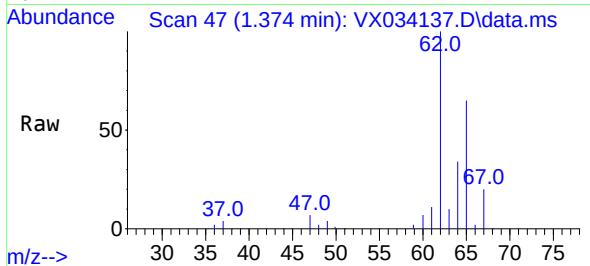
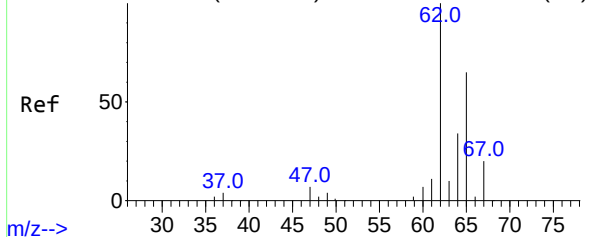


#3
Chloromethane
Concen: 36.700 ug/L
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Tgt Ion: 50 Resp: 35902
Ion Ratio Lower Upper
50 100
52 33.5 22.5 41.7



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



#5

Vinyl chloride

Concen: 35.694 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX034137.D

Acq: 13 Feb 2023 11:22

Instrument :

MSVOA_X

ClientSampleId :

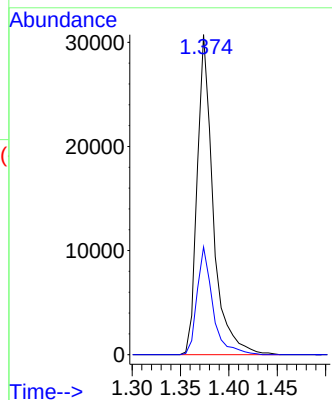
VSTD050621

Tgt Ion: 62 Resp: 35329

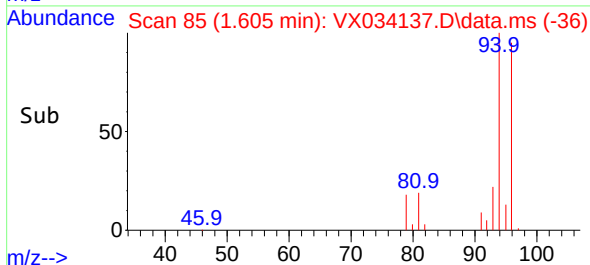
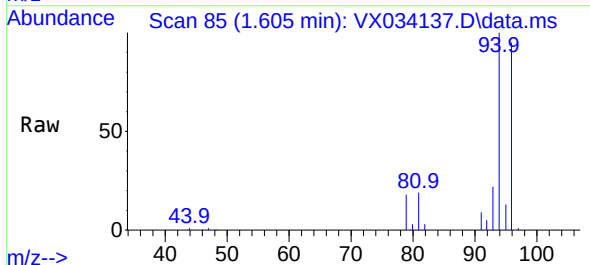
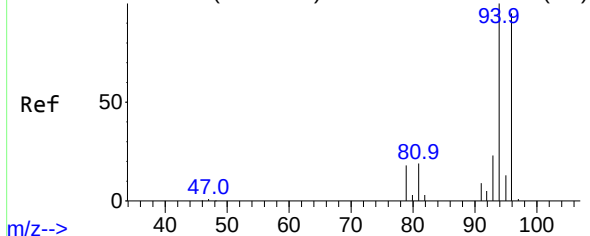
Ion Ratio Lower Upper

62 100

64 33.6 23.2 43.0



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



#6

Bromomethane

Concen: 48.280 ug/L

RT: 1.605 min Scan# 85

Delta R.T. 0.000 min

Lab File: VX034137.D

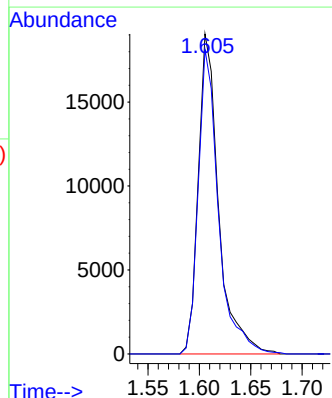
Acq: 13 Feb 2023 11:22

Tgt Ion: 94 Resp: 26346

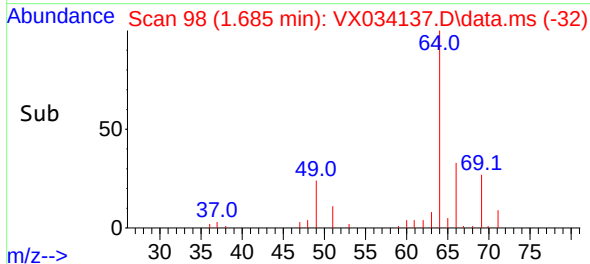
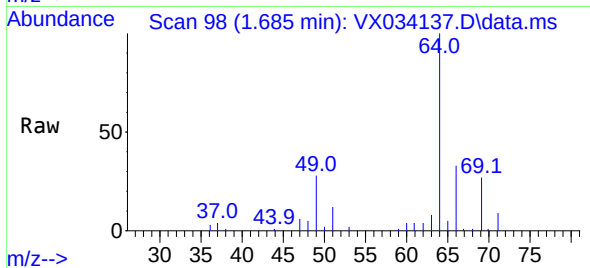
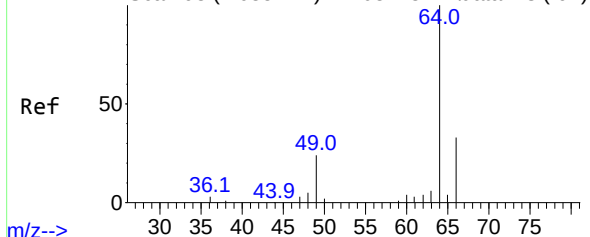
Ion Ratio Lower Upper

94 100

96 95.2 65.7 122.1

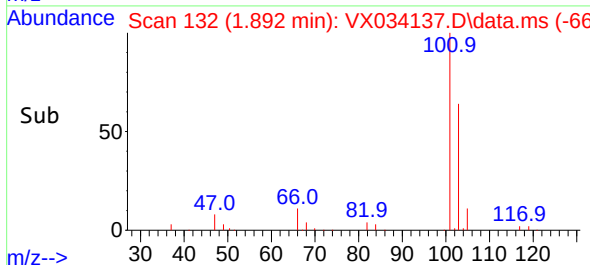
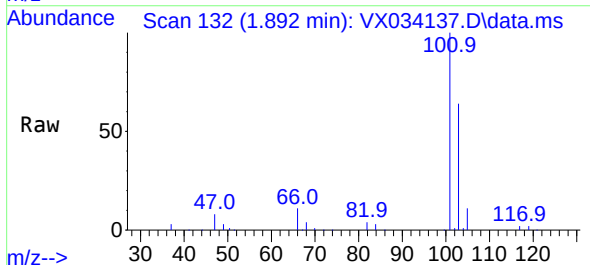
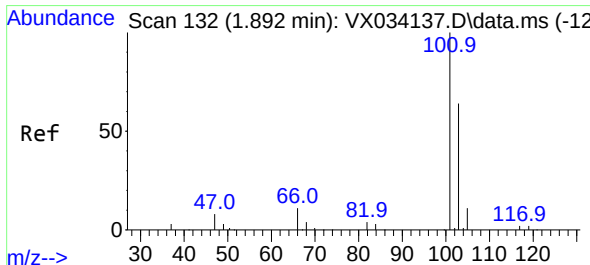
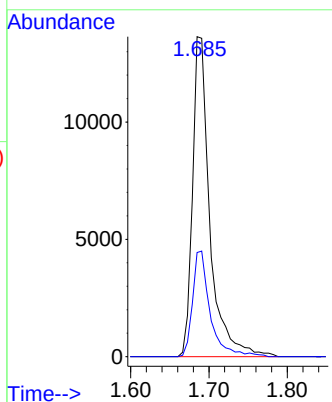


Abundance Scan 98 (1.685 min): VX034137.D\data.ms (-94)

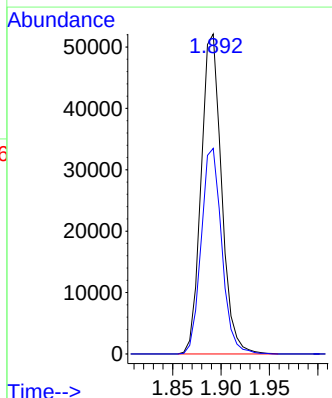


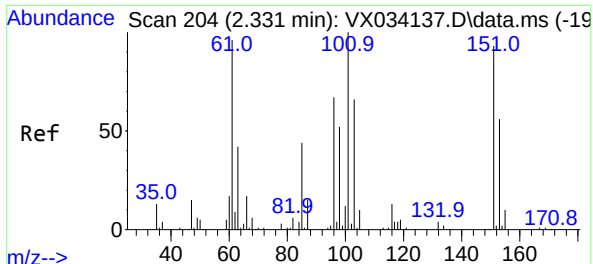
#8
Chloroethane
Concen: 39.532 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22
Tgt Ion: 64 Resp: 21009
Ion Ratio Lower Upper
64 100
66 32.5 22.5 41.9

Instrument :
MSVOA_X
ClientSampleId :
VSTD050621



#9
Trichlorofluoromethane
Concen: 50.745 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22
Tgt Ion:101 Resp: 76763
Ion Ratio Lower Upper
101 100
103 64.6 52.6 78.8

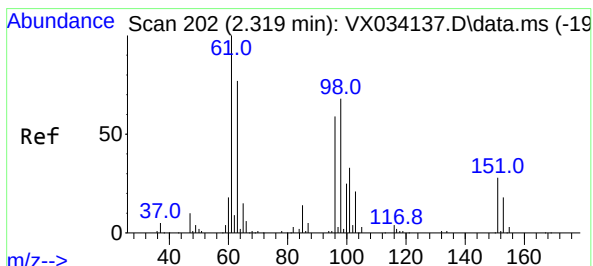
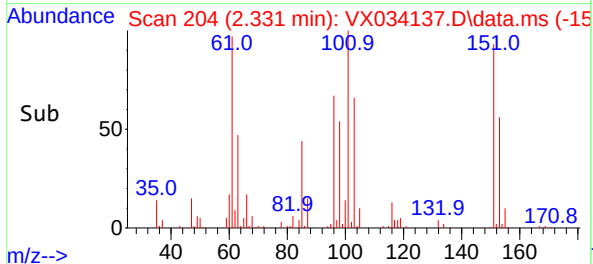
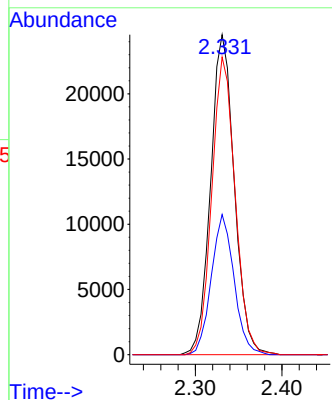
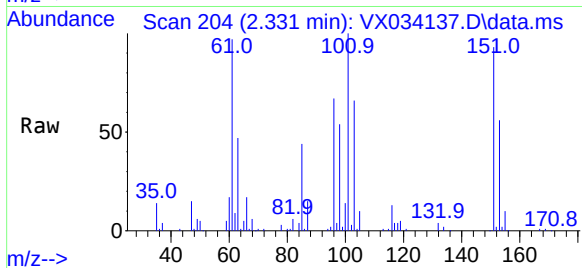




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.503 ug/L
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

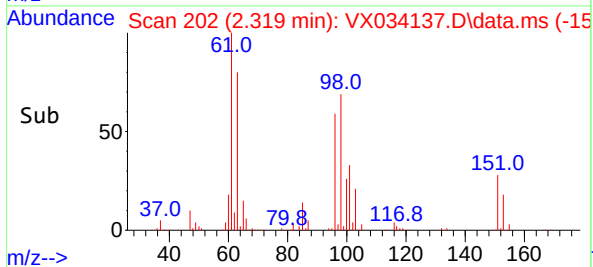
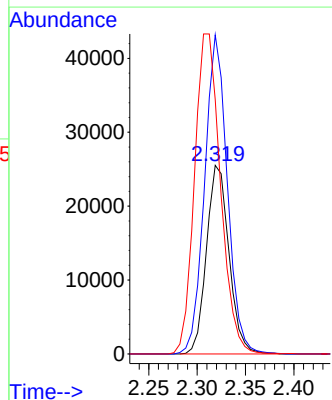
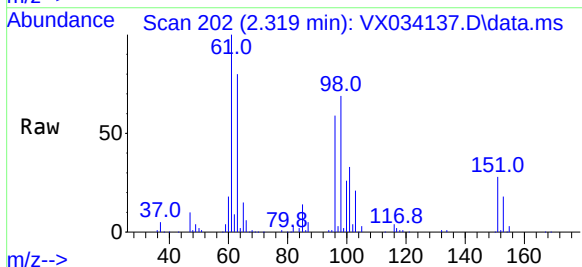
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

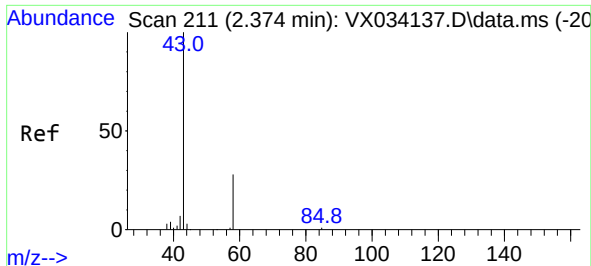
Tgt Ion:101 Resp: 46651
Ion Ratio Lower Upper
101 100
85 42.1 32.2 48.4
151 91.3 69.3 103.9



#12
1,1-Dichloroethene
Concen: 44.453 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Tgt Ion: 96 Resp: 41281
Ion Ratio Lower Upper
96 100
61 169.2 107.6 199.8
63 134.8 69.6 129.2#

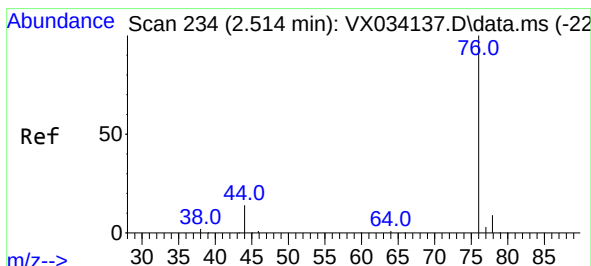
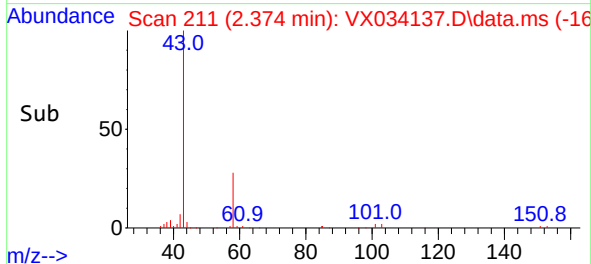
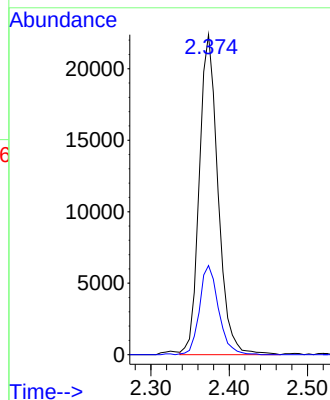
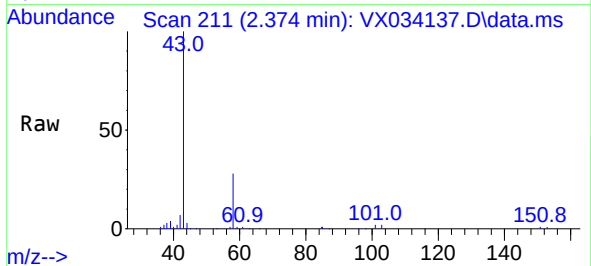




#13
Acetone
Concen: 65.478 ug/L
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

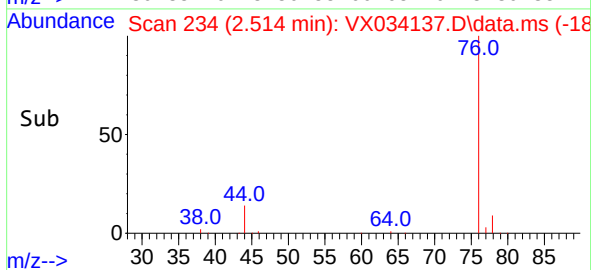
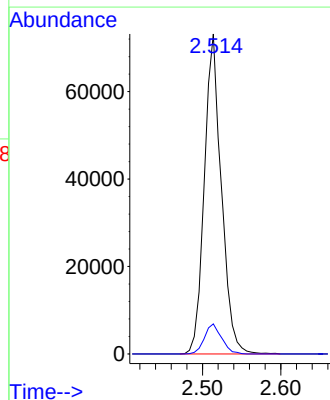
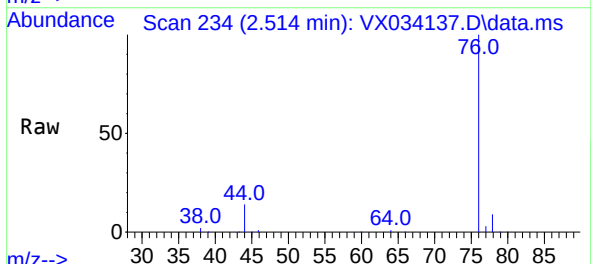
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

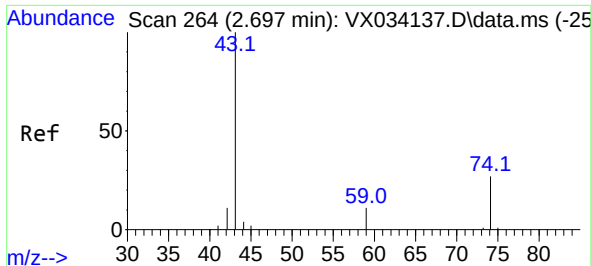
Tgt Ion: 43 Resp: 37262
Ion Ratio Lower Upper
43 100
58 28.3 0.0 62.8



#14
Carbon disulfide
Concen: 44.069 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Tgt Ion: 76 Resp: 110365
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

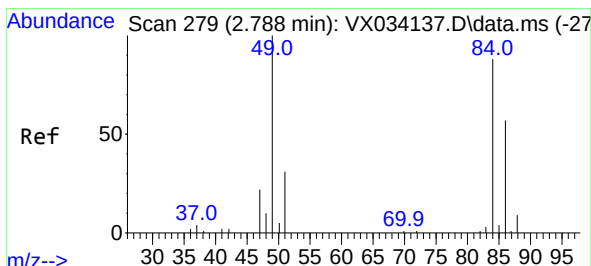
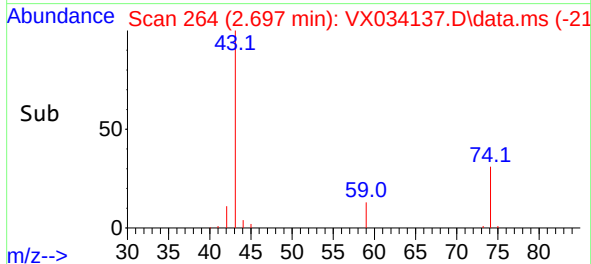
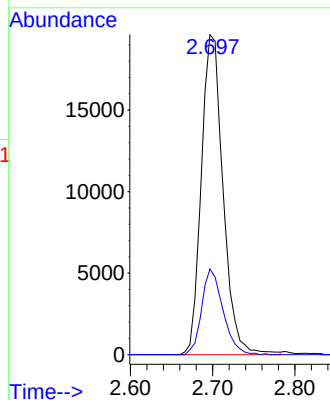
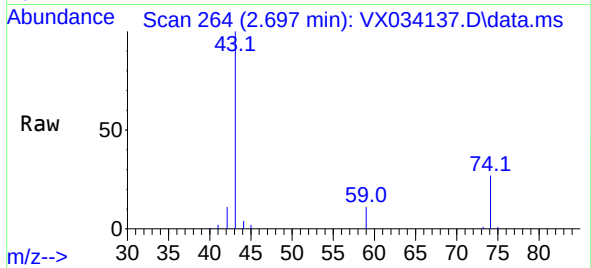




#15
Methyl Acetate
Concen: 39.237 ug/L
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

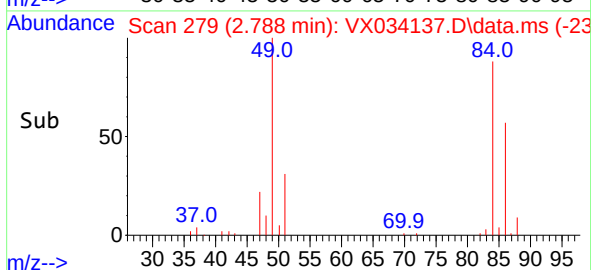
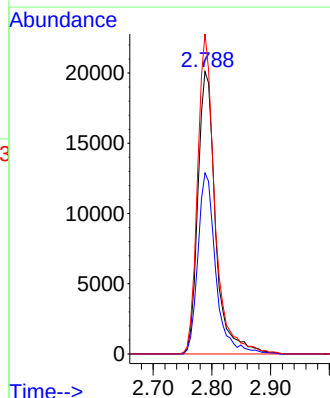
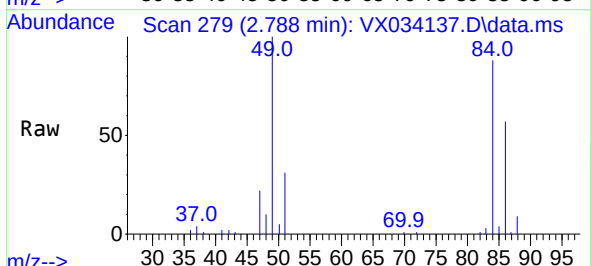
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

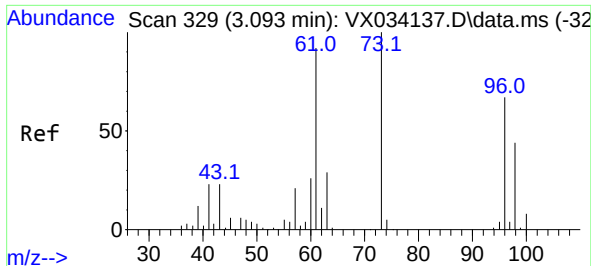
Tgt Ion: 43 Resp: 36117
Ion Ratio Lower Upper
43 100
74 26.1 19.7 29.5



#16
Methylene chloride
Concen: 43.239 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Tgt Ion: 84 Resp: 42283
Ion Ratio Lower Upper
84 100
86 64.1 45.2 84.0
49 113.3 82.5 153.1

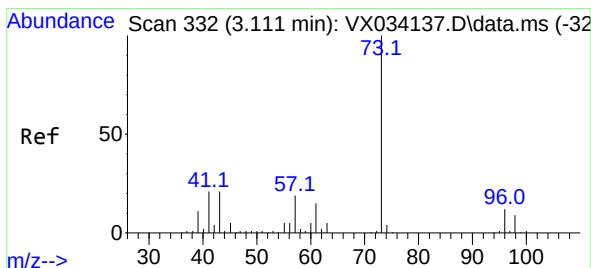
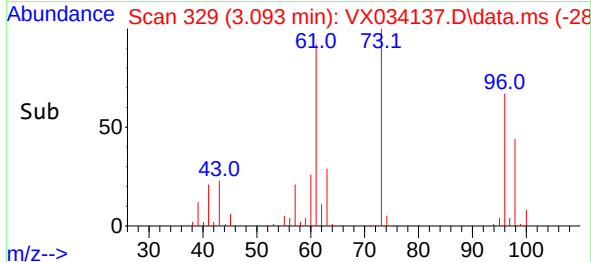
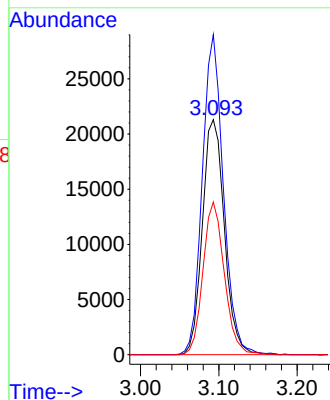
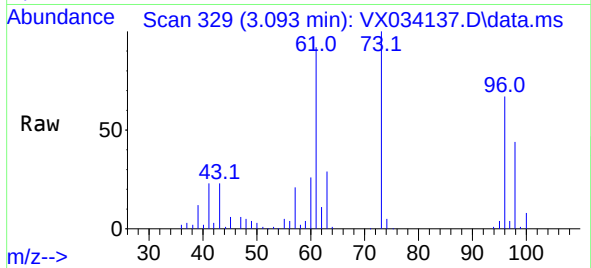




#17
trans-1,2-Dichloroethene
Concen: 43.587 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

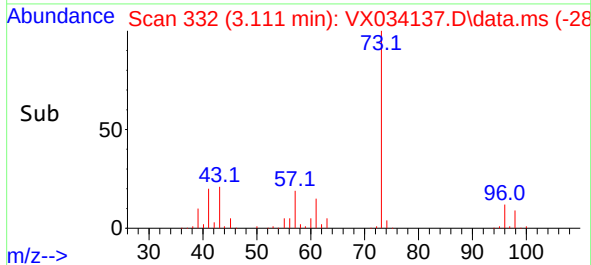
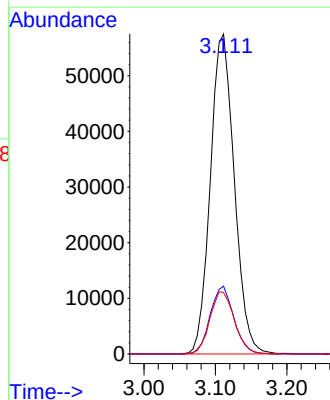
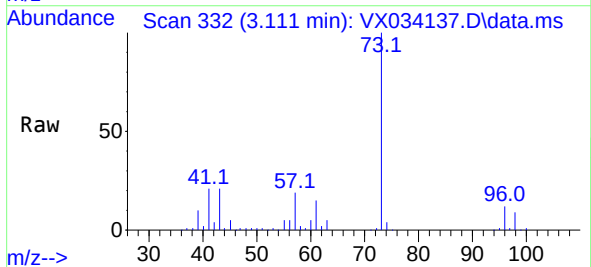
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

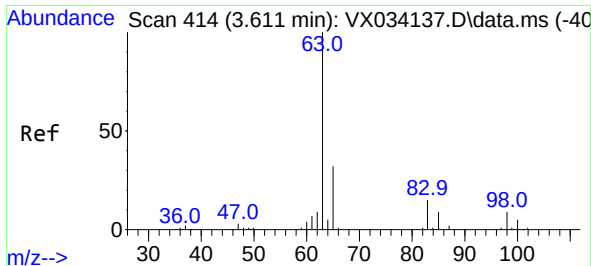
Tgt Ion: 96 Resp: 41651
Ion Ratio Lower Upper
96 100
61 136.2 87.7 162.9
98 65.0 45.4 84.4



#18
Methyl tert-butyl Ether
Concen: 47.147 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Tgt Ion: 73 Resp: 133928
Ion Ratio Lower Upper
73 100
43 20.9 15.6 23.4
57 19.9 17.5 26.3



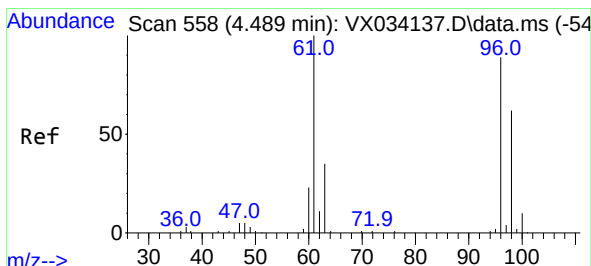
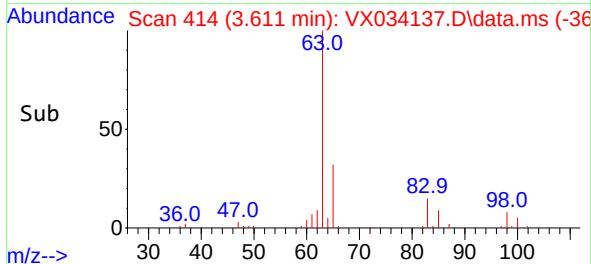
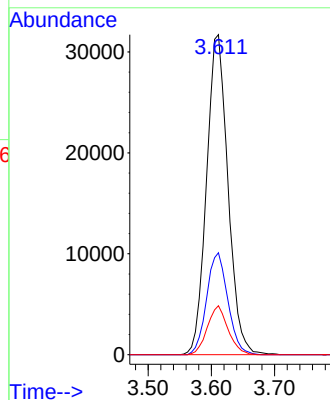
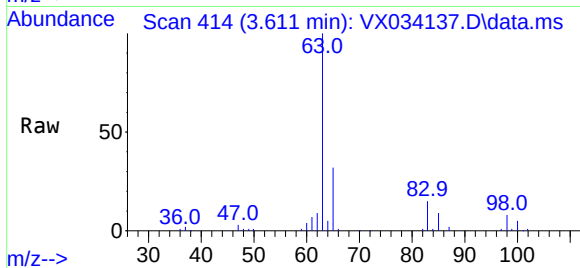


#19
1,1-Dichloroethane
Concen: 44.637 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

Tgt Ion: 63 Resp: 74820

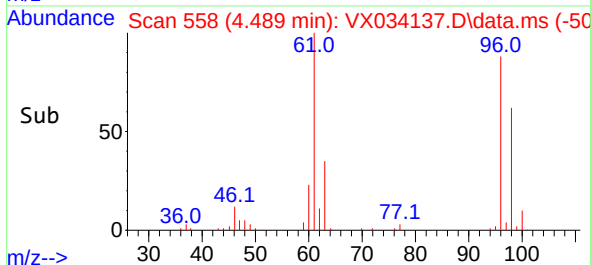
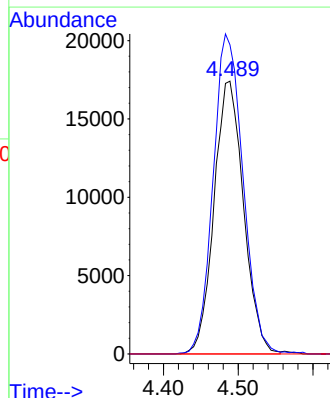
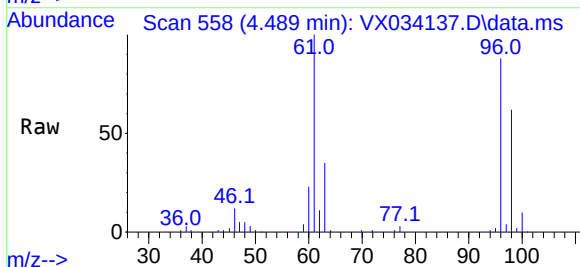
Ion	Ratio	Lower	Upper
63	100		
65	31.8	21.9	40.7
83	15.3	10.6	19.6

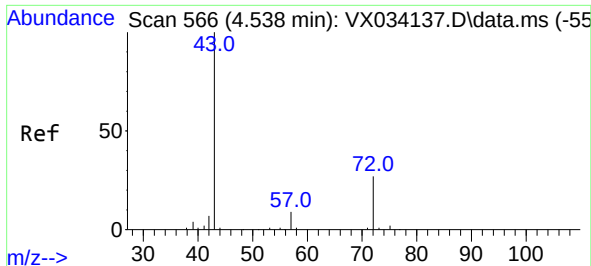


#20
cis-1,2-Dichloroethene
Concen: 43.763 ug/L
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Tgt Ion: 96 Resp: 47824

Ion	Ratio	Lower	Upper
96	100		
61	113.3	80.3	149.1
68	0.0	0.0	0.0

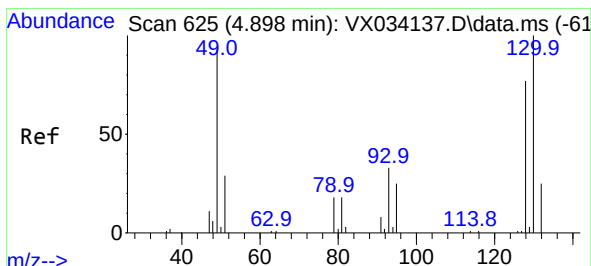
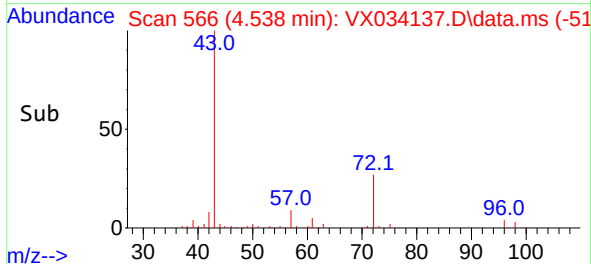
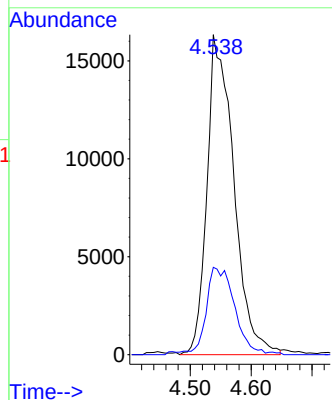
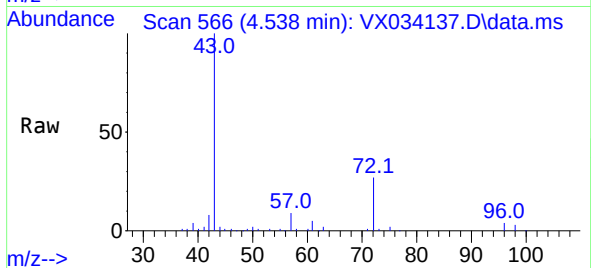




#22
2-Butanone
Concen: 70.655 ug/L
RT: 4.538 min Scan# 566
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

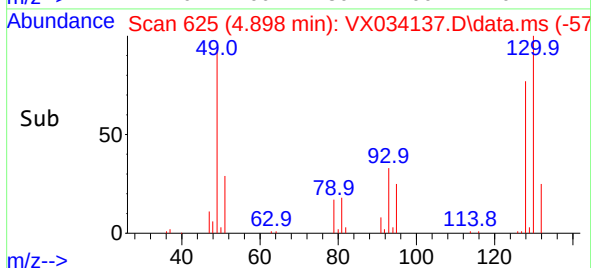
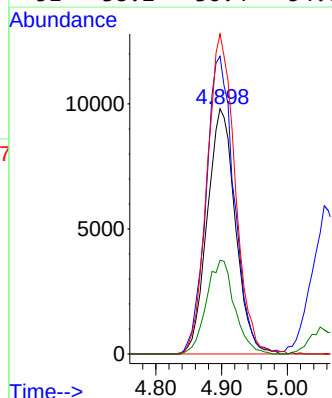
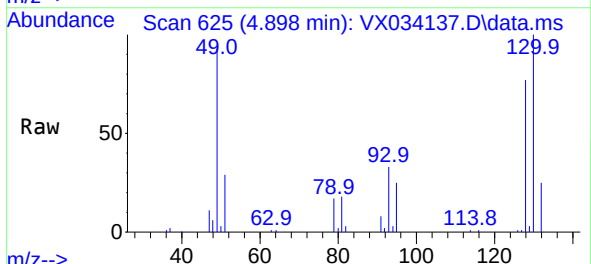
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

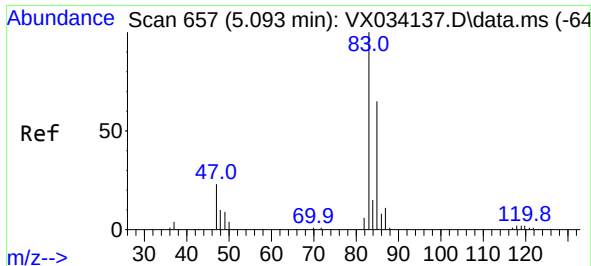
Tgt Ion: 43 Resp: 49919
Ion Ratio Lower Upper
43 100
72 14.1 13.2 39.6



#23
Bromochloromethane
Concen: 47.654 ug/L
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Tgt Ion:128 Resp: 29176
Ion Ratio Lower Upper
128 100
49 121.4 94.7 175.9
130 130.4 91.3 169.6
51 38.2 36.4 54.6





#25

Chloroform

Concen: 53.681 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX034137.D

Acq: 13 Feb 2023 11:22

Instrument :

MSVOA_X

ClientSampleId :

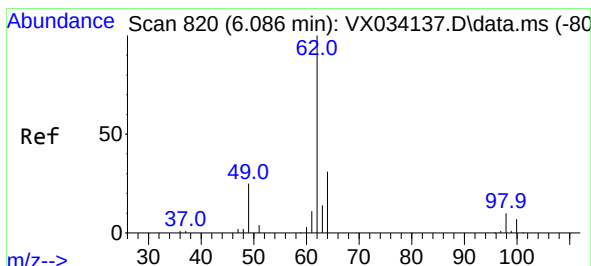
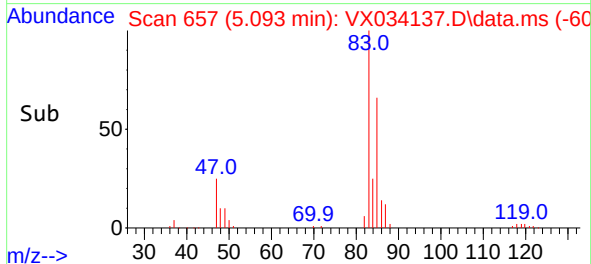
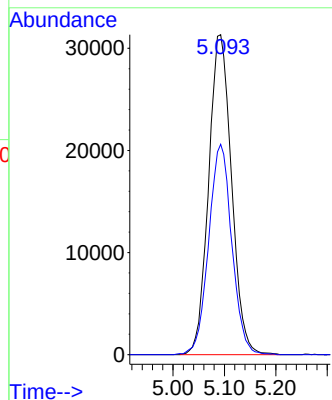
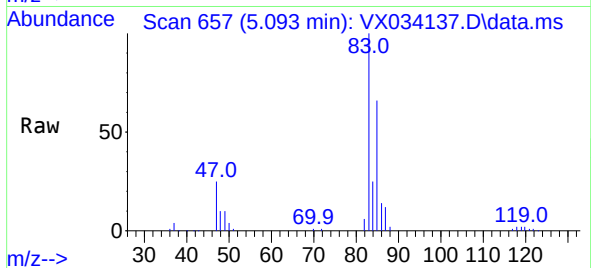
VSTD050621

Tgt Ion: 83 Resp: 96911

Ion Ratio Lower Upper

83 100

85 65.7 47.0 87.4



#27

1,2-Dichloroethane

Concen: 57.114 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX034137.D

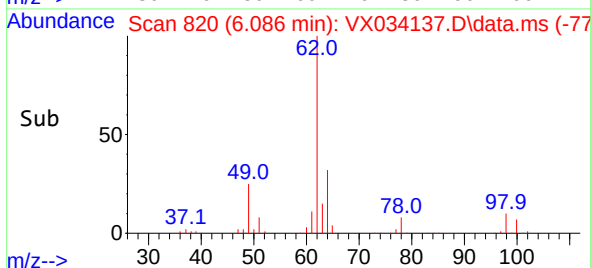
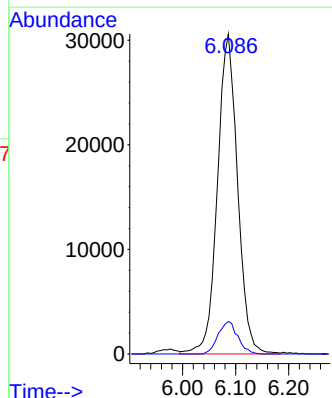
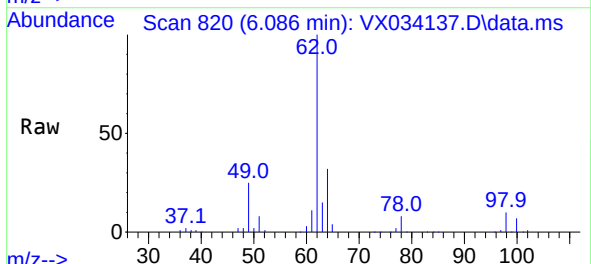
Acq: 13 Feb 2023 11:22

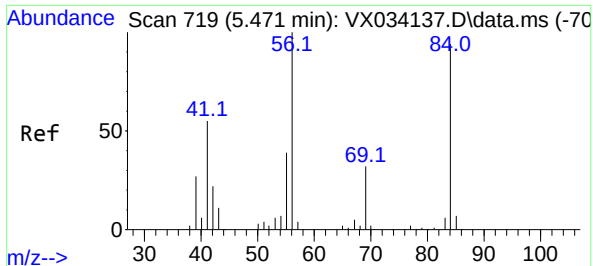
Tgt Ion: 62 Resp: 80680

Ion Ratio Lower Upper

62 100

98 10.1 9.1 13.7





#29

Cyclohexane

Concen: 51.264 ug/L

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX034137.D

Acq: 13 Feb 2023 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTD050621

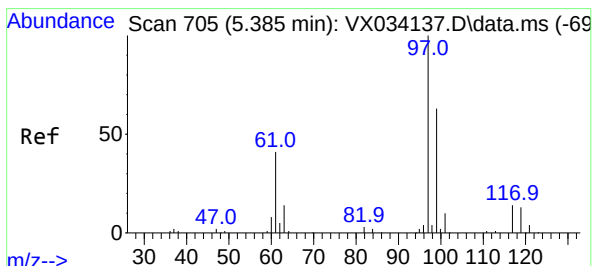
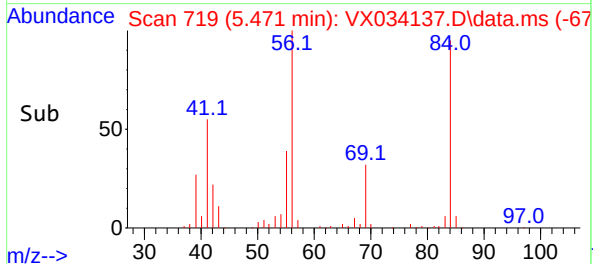
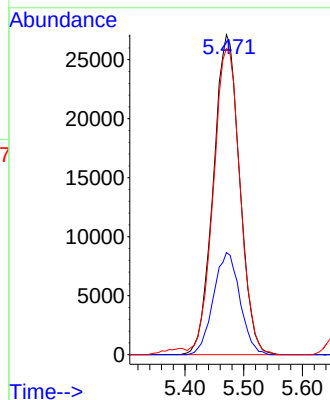
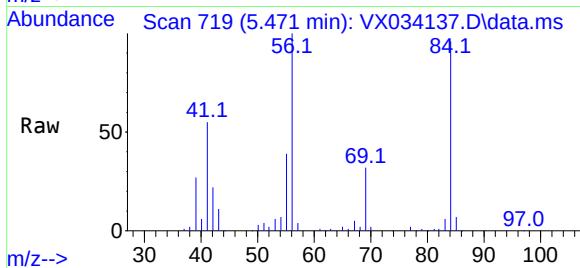
Tgt Ion: 56 Resp: 84238

Ion Ratio Lower Upper

56 100

69 32.2 24.8 37.2

84 97.3 73.2 109.8



#30

1,1,1-Trichloroethane

Concen: 57.924 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034137.D

Acq: 13 Feb 2023 11:22

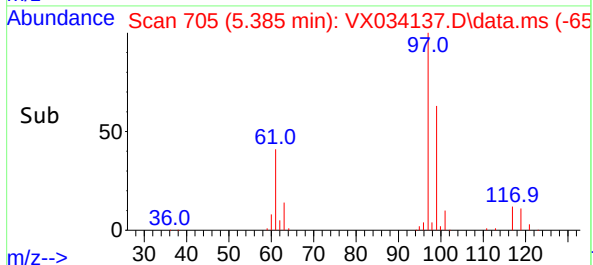
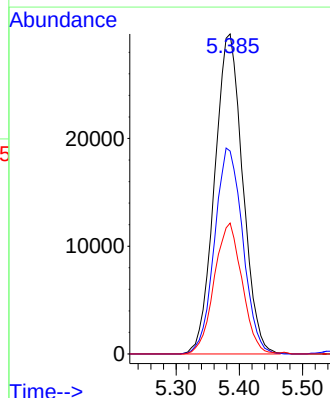
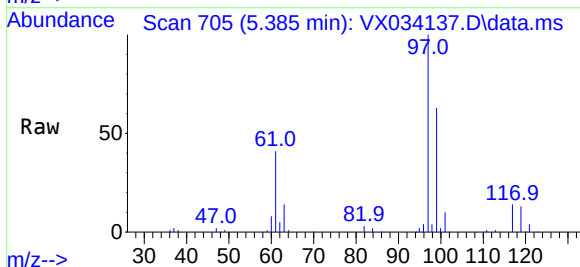
Tgt Ion: 97 Resp: 91589

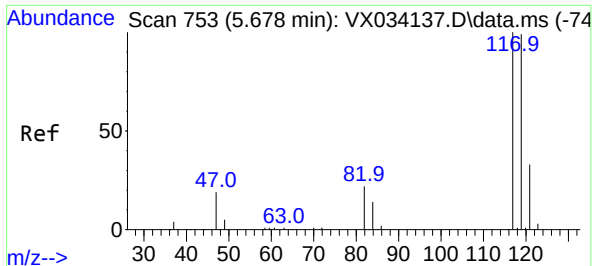
Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.8

61 40.6 34.7 52.1

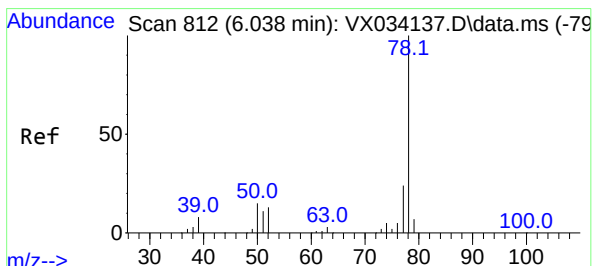
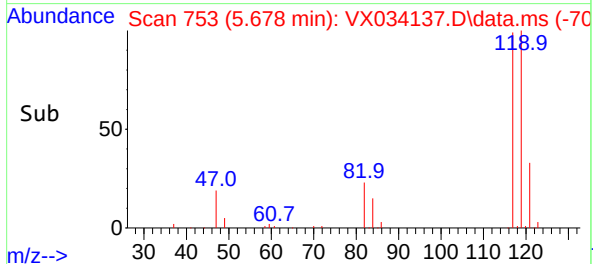
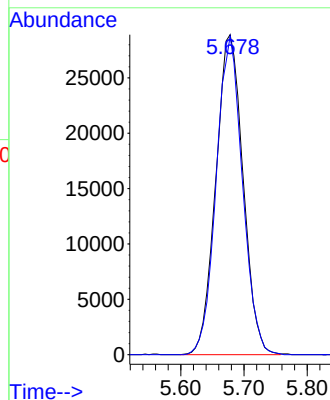
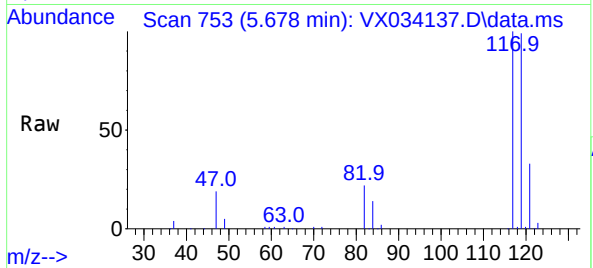




#31
Carbon tetrachloride
Concen: 58.468 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

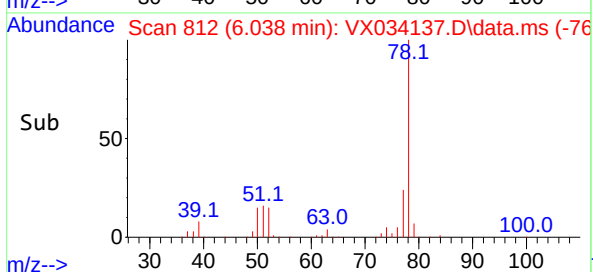
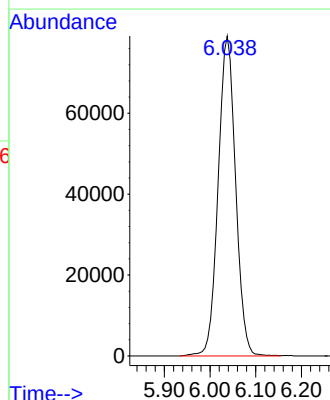
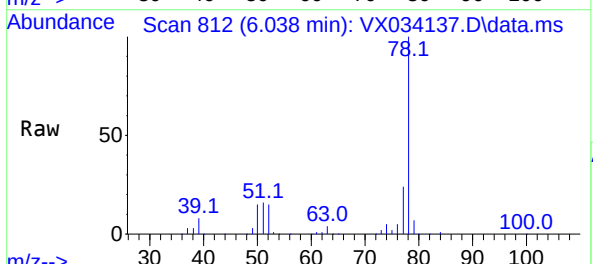
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

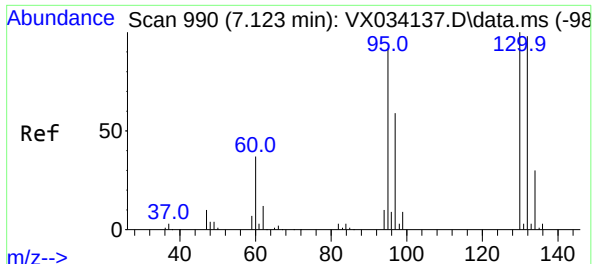
Tgt Ion:117 Resp: 86279
Ion Ratio Lower Upper
117 100
119 95.9 77.1 115.7



#33
Benzene
Concen: 52.072 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Tgt Ion: 78 Resp: 209791

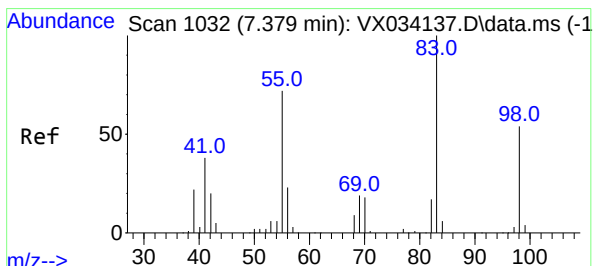
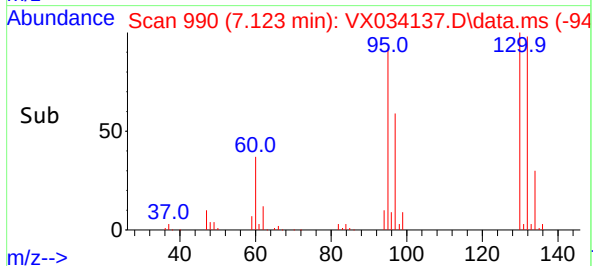
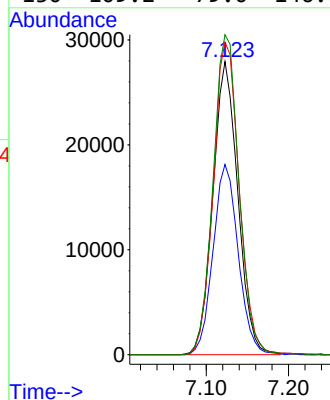
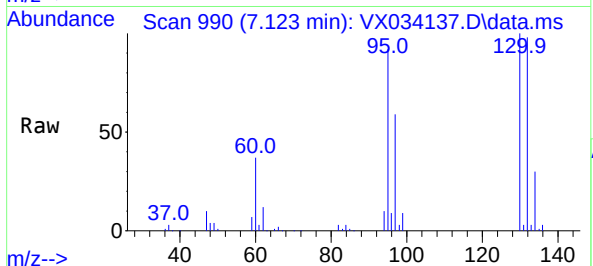




#34
Trichloroethene
Concen: 53.563 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

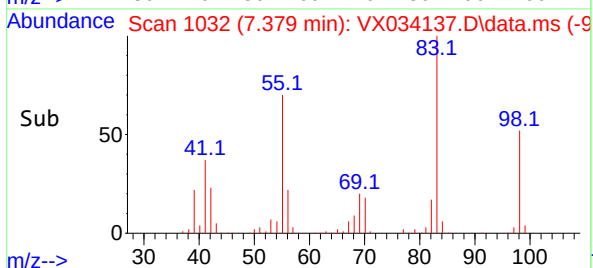
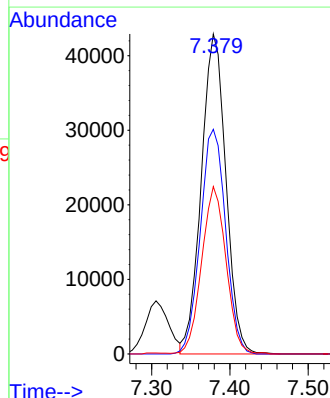
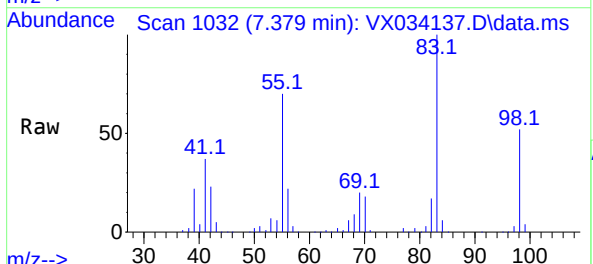
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

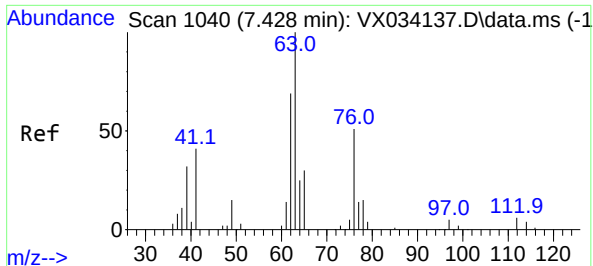
Tgt Ion: 95 Resp: 59063
Ion Ratio Lower Upper
95 100
97 64.9 46.8 87.0
132 106.7 76.2 141.4
130 109.2 79.0 146.6



#35
Methylcyclohexane
Concen: 53.726 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Tgt Ion: 83 Resp: 93817
Ion Ratio Lower Upper
83 100
55 72.1 59.0 88.4
98 51.7 40.6 60.8

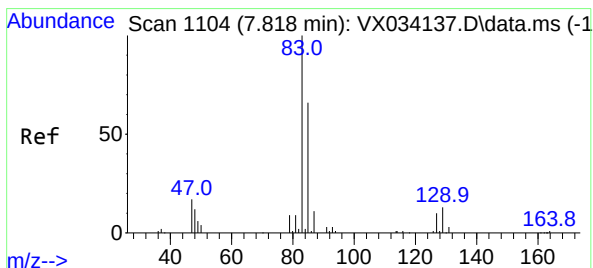
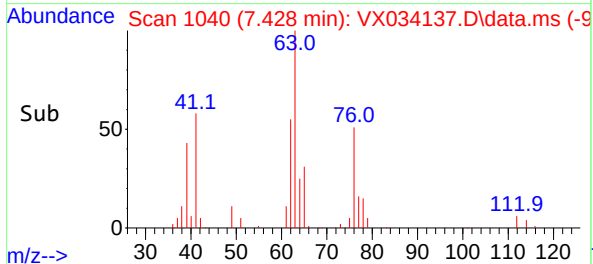
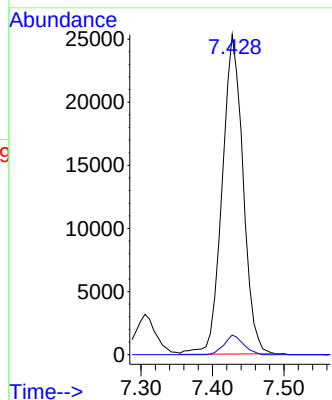
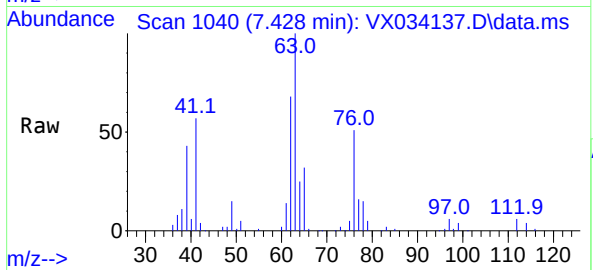




#37
1,2-Dichloropropane
Concen: 50.434 ug/L
RT: 7.428 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

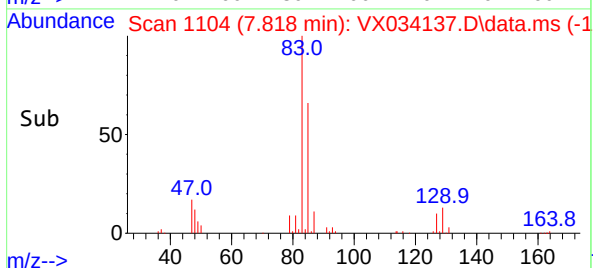
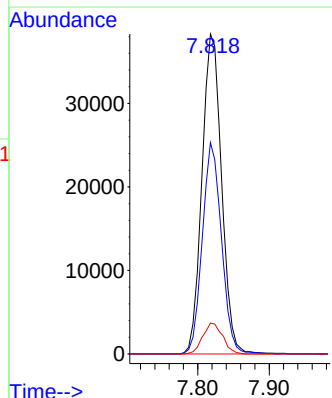
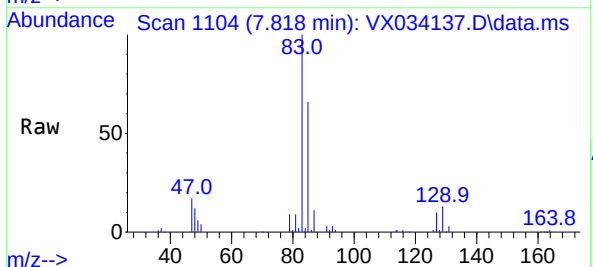
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

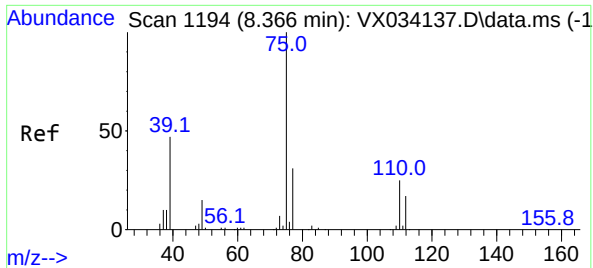
Tgt Ion: 63 Resp: 51259
Ion Ratio Lower Upper
63 100
112 5.7 4.1 6.1



#38
Bromodichloromethane
Concen: 55.070 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Tgt Ion: 83 Resp: 73046
Ion Ratio Lower Upper
83 100
85 66.1 46.3 85.9
127 9.7 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 53.813 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034137.D

Acq: 13 Feb 2023 11:22

Instrument :

MSVOA_X

ClientSampleId :

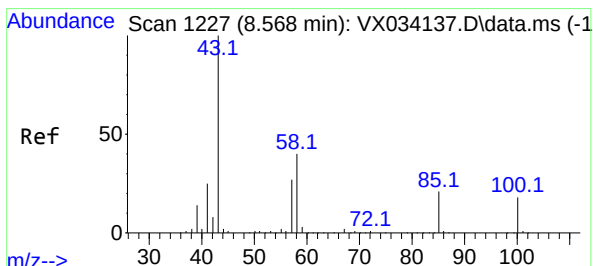
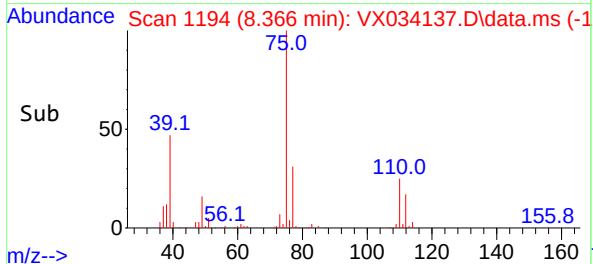
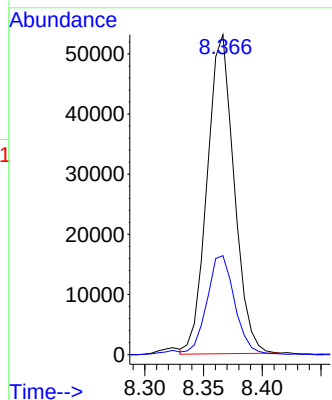
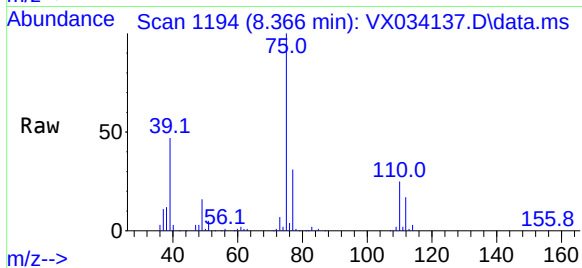
VSTD050621

Tgt Ion: 75 Resp: 84765

Ion Ratio Lower Upper

75 100

77 30.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 104.288 ug/L

RT: 8.568 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VX034137.D

Acq: 13 Feb 2023 11:22

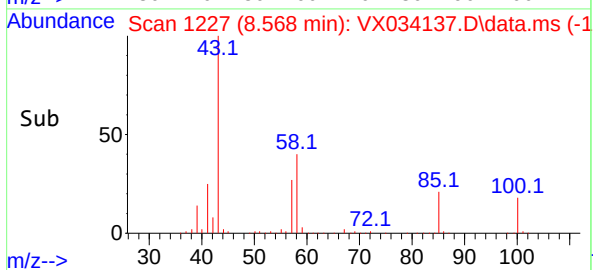
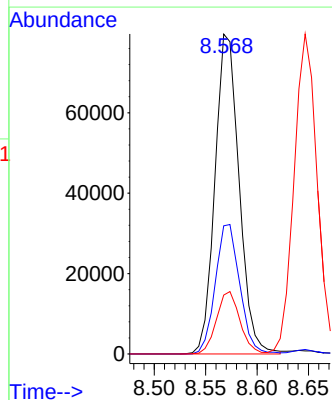
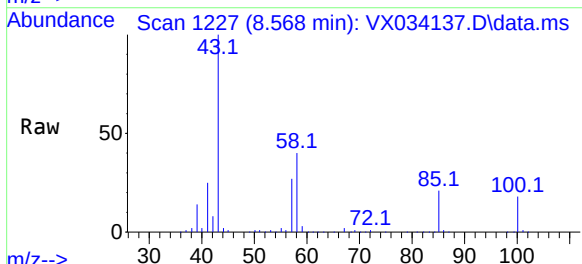
Tgt Ion: 43 Resp: 130192

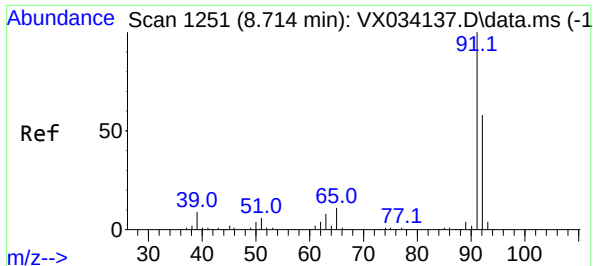
Ion Ratio Lower Upper

43 100

58 40.8 31.9 47.9

100 19.0 14.4 21.6





#42

Toluene

Concen: 53.050 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX034137.D

Acq: 13 Feb 2023 11:22

Instrument :

MSVOA_X

ClientSampleId :

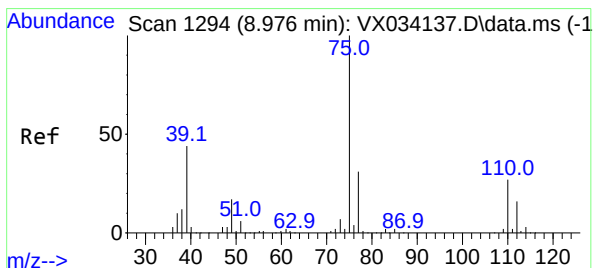
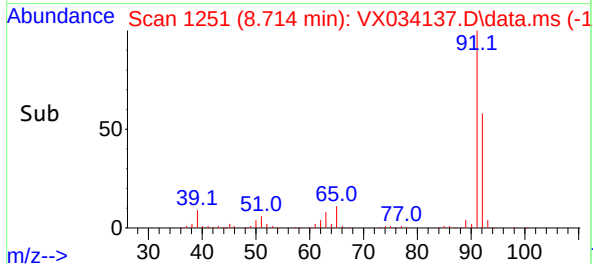
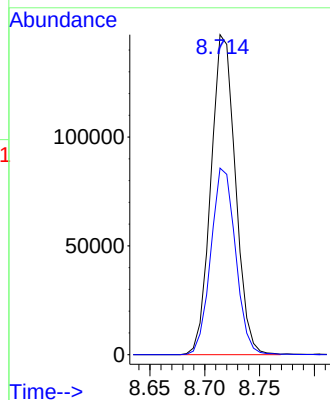
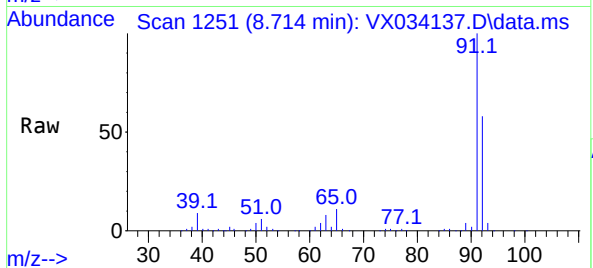
VSTD050621

Tgt Ion: 91 Resp: 228732

Ion Ratio Lower Upper

91 100

92 58.3 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 56.701 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX034137.D

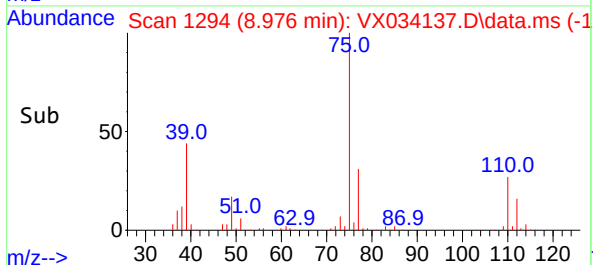
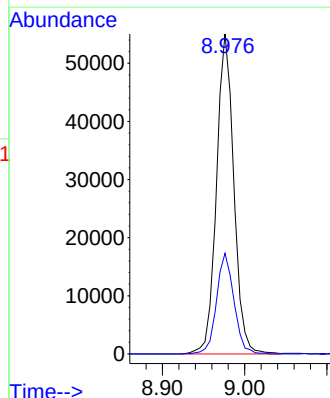
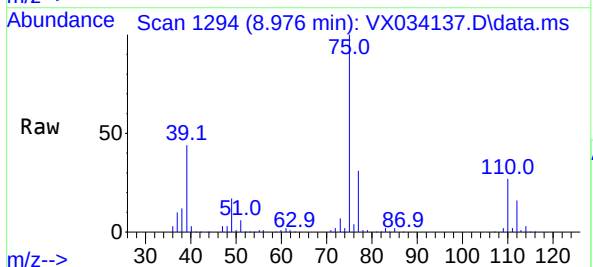
Acq: 13 Feb 2023 11:22

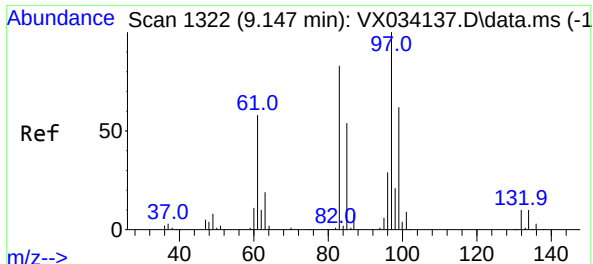
Tgt Ion: 75 Resp: 80718

Ion Ratio Lower Upper

75 100

77 31.5 22.3 41.3



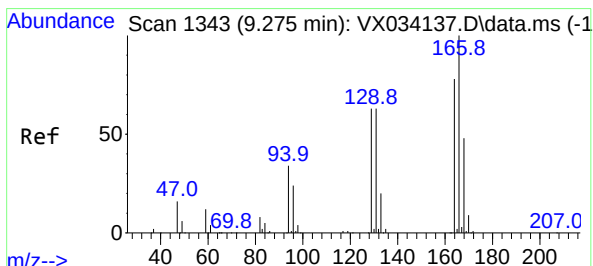
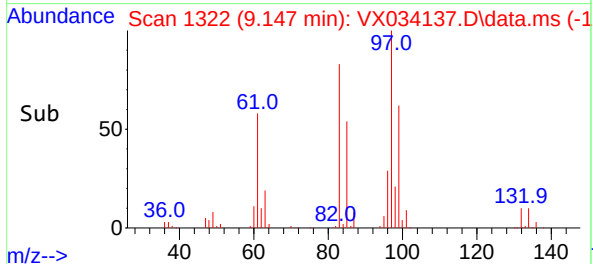
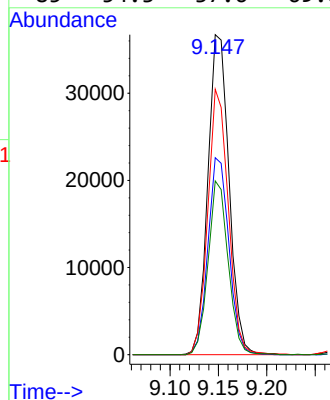
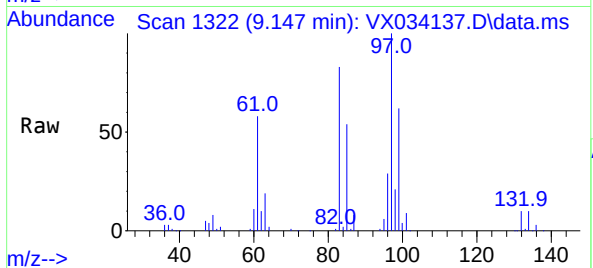


#45
1,1,2-Trichloroethane
Concen: 53.719 ug/L
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

Tgt Ion: 97 Resp: 55968

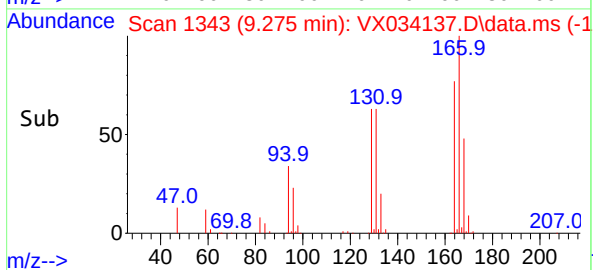
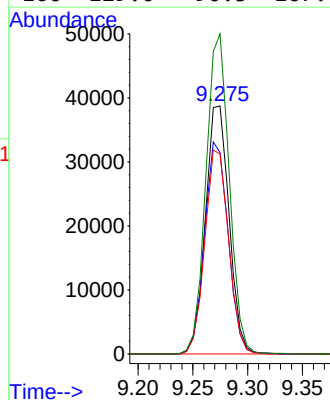
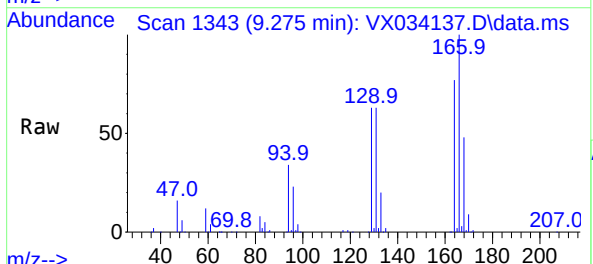
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.5	80.9
83	83.0	56.8	105.4
85	54.3	37.6	69.8

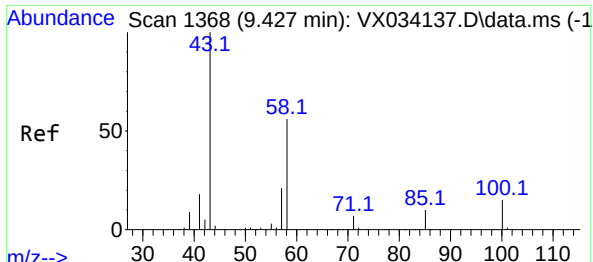


#46
Tetrachloroethene
Concen: 54.812 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Tgt Ion: 164 Resp: 58218

Ion	Ratio	Lower	Upper
164	100		
129	81.2	59.3	110.1
131	80.7	56.1	104.3
166	129.0	90.3	167.7



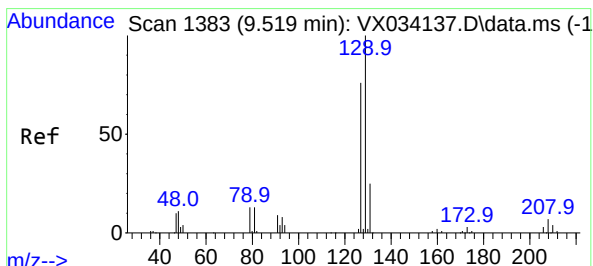
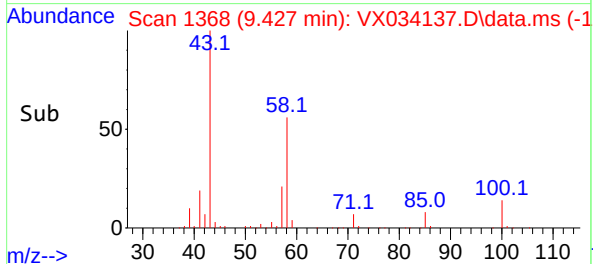
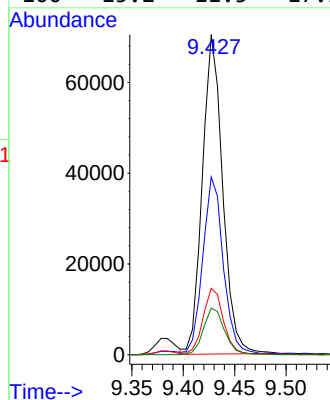
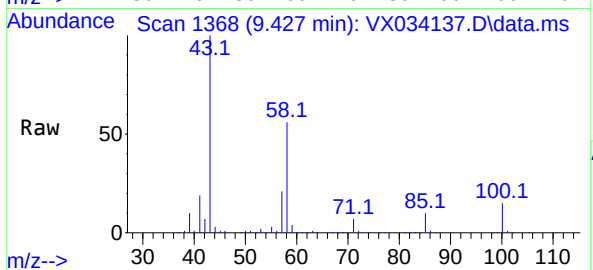


#48
2-Hexanone
Concen: 98.131 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

Tgt Ion: 43 Resp: 97085

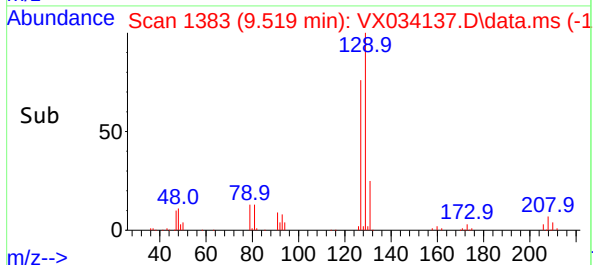
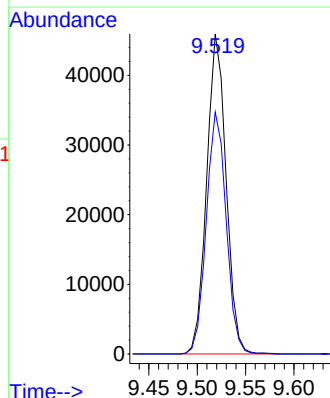
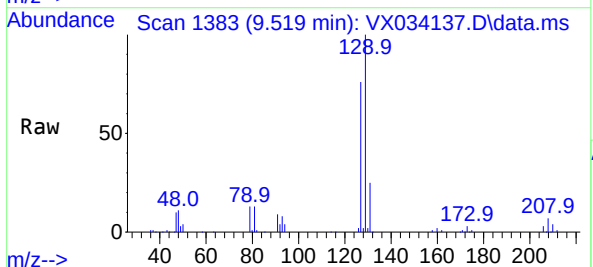
Ion	Ratio	Lower	Upper
43	100		
58	55.7	45.7	68.5
57	21.0	15.8	23.8
100	15.2	11.5	17.3

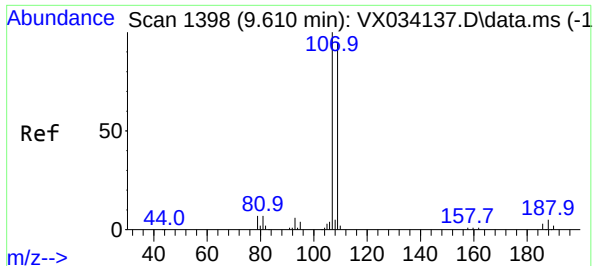


#49
Dibromochloromethane
Concen: 56.388 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Tgt Ion: 129 Resp: 64234

Ion	Ratio	Lower	Upper
129	100		
127	75.6	53.3	98.9

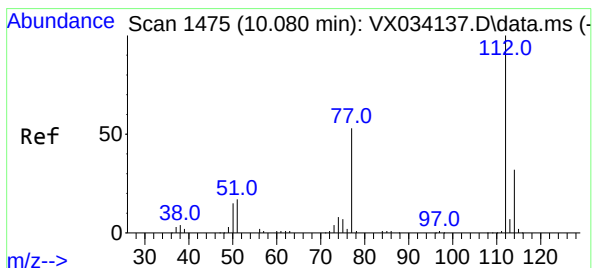
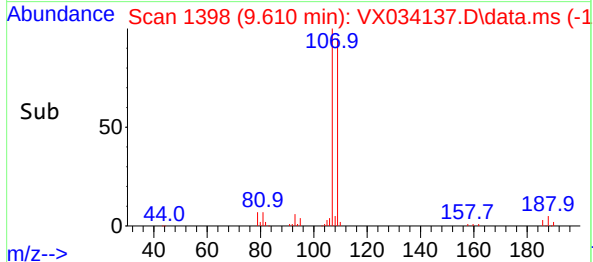
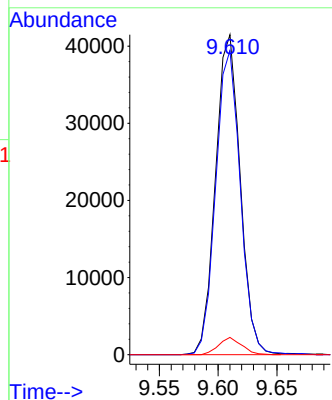
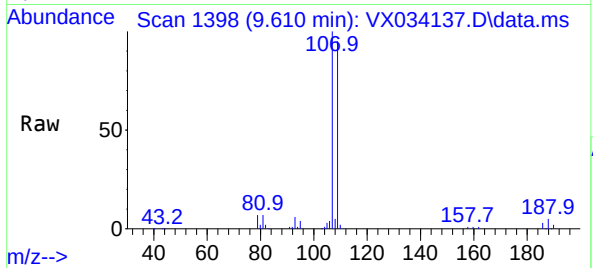




#50
1,2-Dibromoethane
Concen: 53.928 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

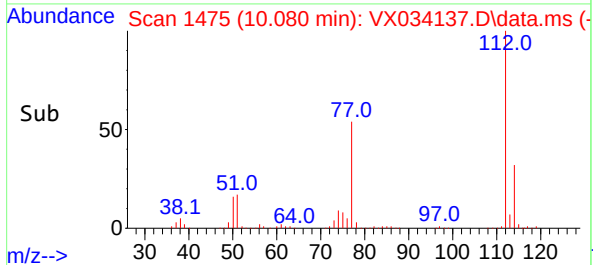
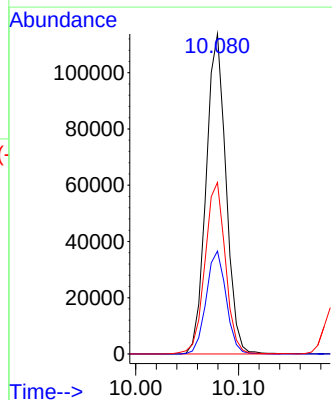
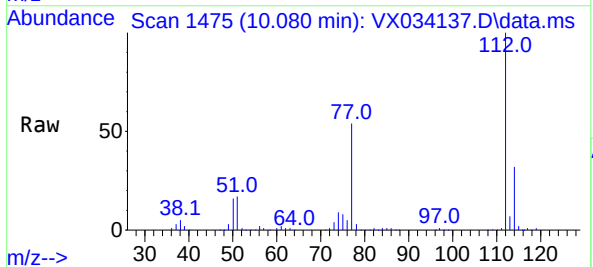
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

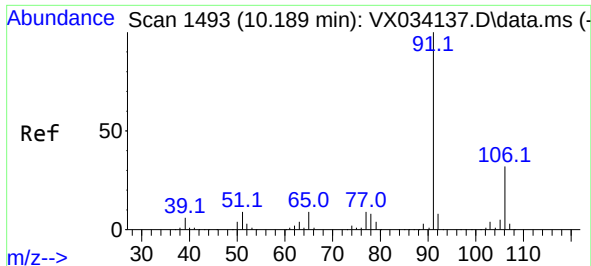
Tgt Ion:107 Resp: 60545
Ion Ratio Lower Upper
107 100
109 95.1 64.9 120.5
188 5.4 3.3 4.9#



#51
Chlorobenzene
Concen: 52.575 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Tgt Ion:112 Resp: 153050
Ion Ratio Lower Upper
112 100
114 32.2 22.7 42.3
77 53.6 43.4 65.0

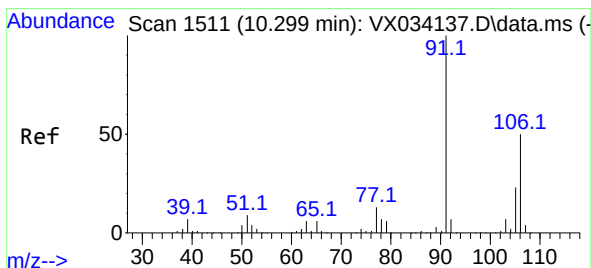
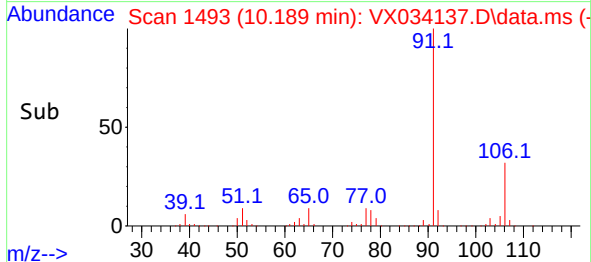
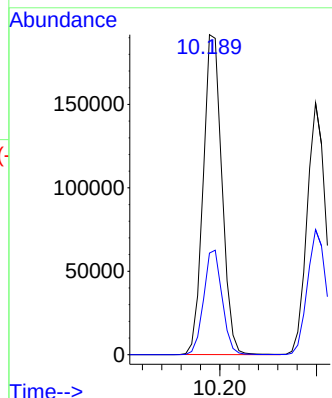
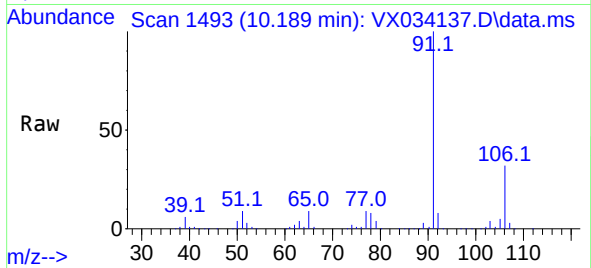




#52
Ethylbenzene
Concen: 54.353 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

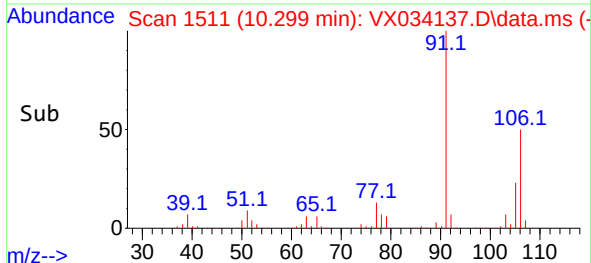
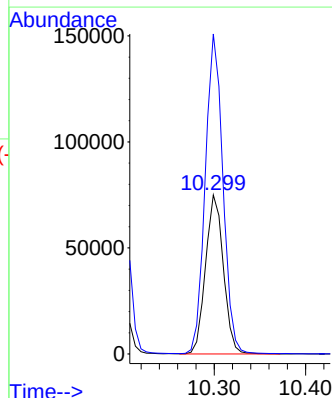
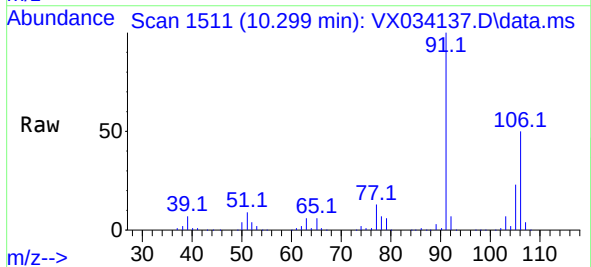
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

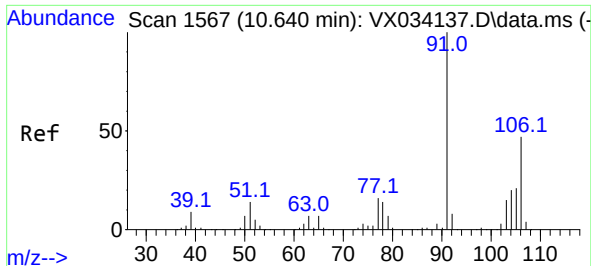
Tgt Ion: 91 Resp: 258838
Ion Ratio Lower Upper
91 100
106 31.7 23.2 43.0



#53
m,p-Xylene
Concen: 53.406 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Tgt Ion: 106 Resp: 101447
Ion Ratio Lower Upper
106 100
91 201.2 135.2 251.0

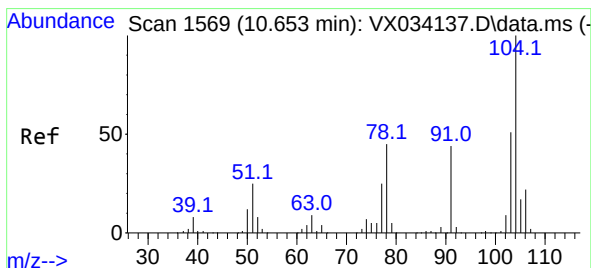
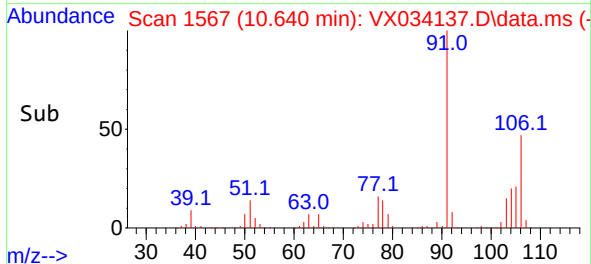
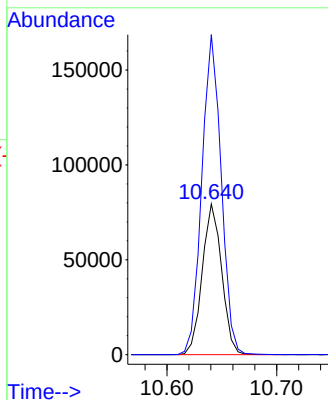
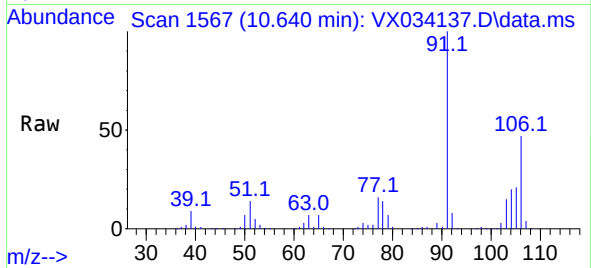




#54
o-Xylene
Concen: 53.347 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

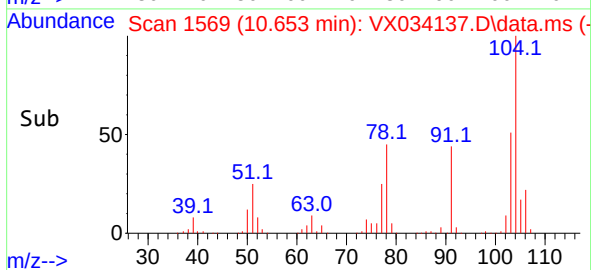
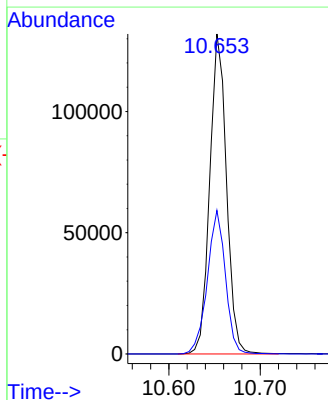
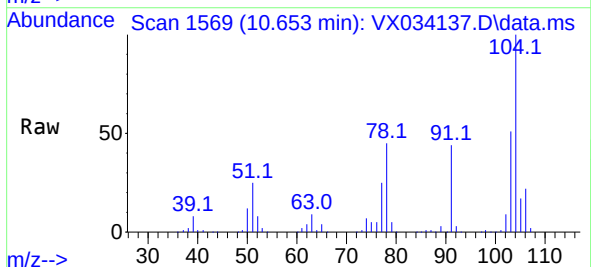
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

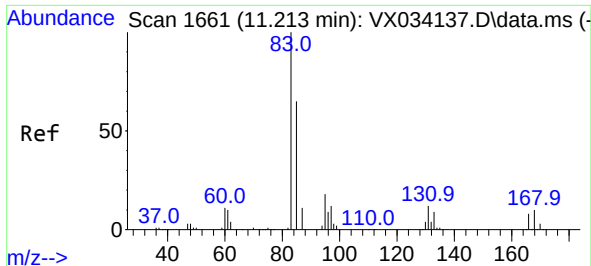
Tgt Ion:106 Resp: 97856
Ion Ratio Lower Upper
106 100
91 212.2 140.2 260.4



#55
Styrene
Concen: 54.360 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Tgt Ion:104 Resp: 167772
Ion Ratio Lower Upper
104 100
78 44.8 30.0 55.8

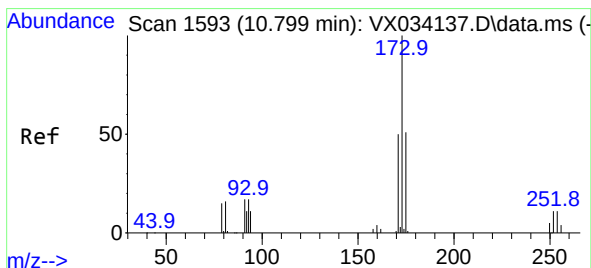
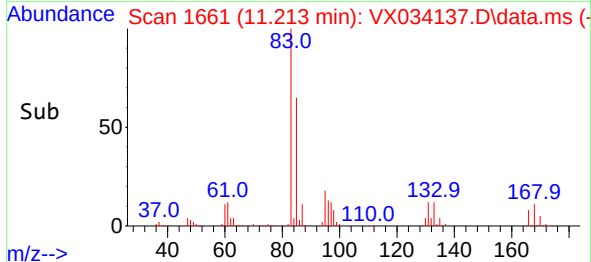
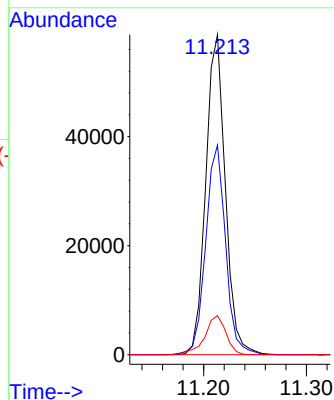
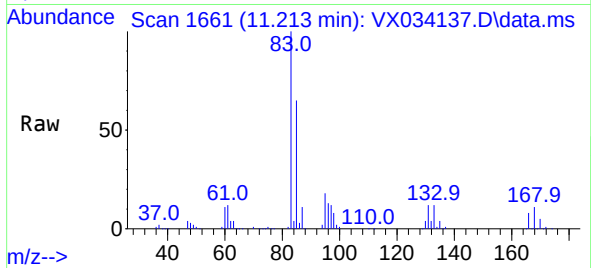




#57
1,1,2,2-Tetrachloroethane
Concen: 53.062 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

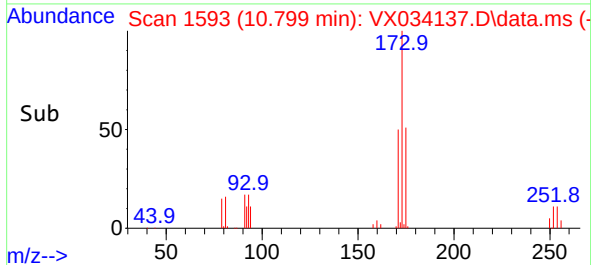
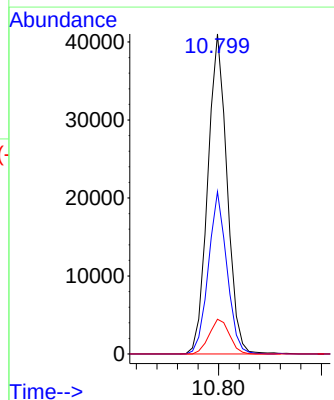
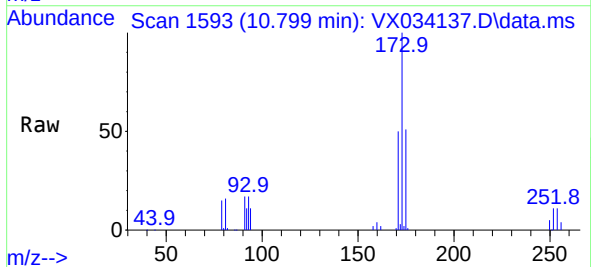
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

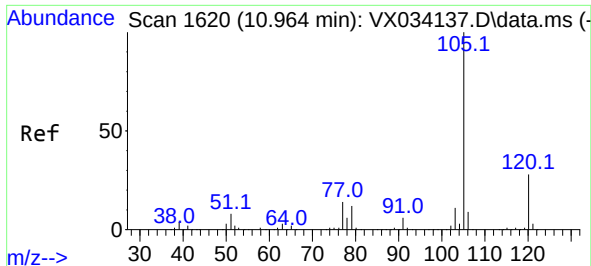
Tgt Ion: 83 Resp: 77506
Ion Ratio Lower Upper
83 100
85 65.5 45.8 85.0
131 12.2 9.1 13.7



#59
Bromoform
Concen: 55.603 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Tgt Ion: 173 Resp: 53576
Ion Ratio Lower Upper
173 100
175 48.7 38.3 57.5
254 11.4 9.1 13.7

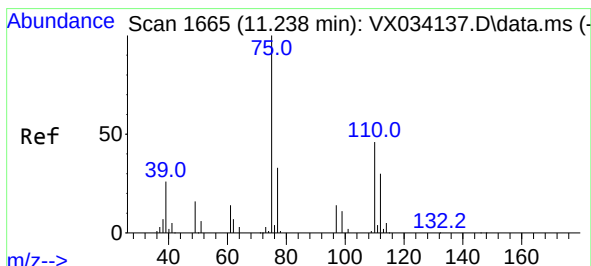
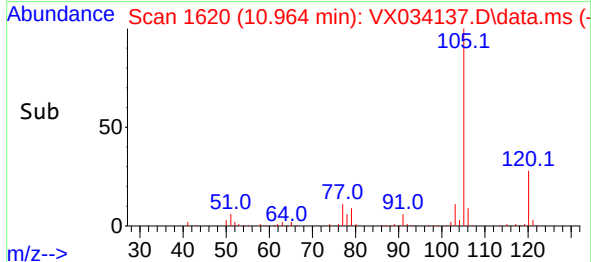
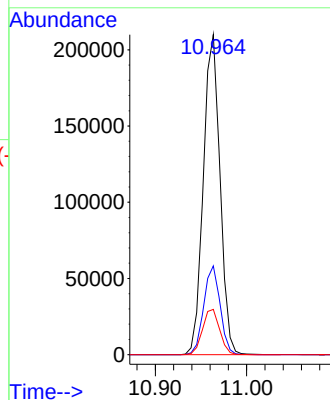
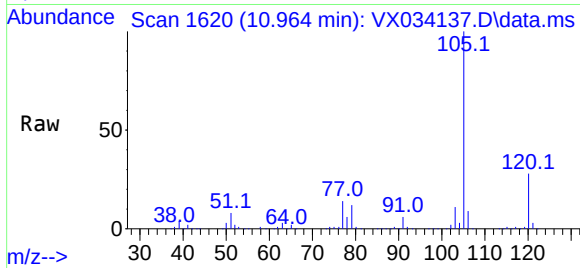




#60
Isopropylbenzene
Concen: 52.586 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

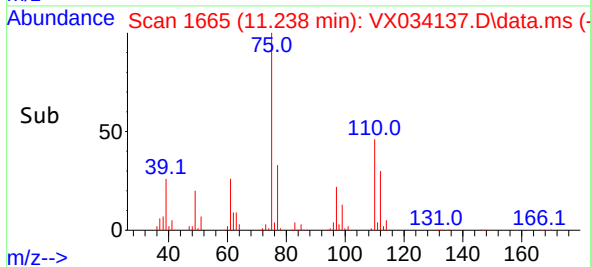
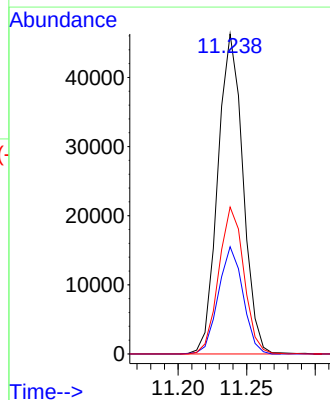
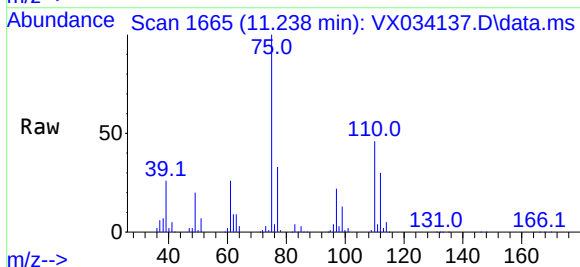
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

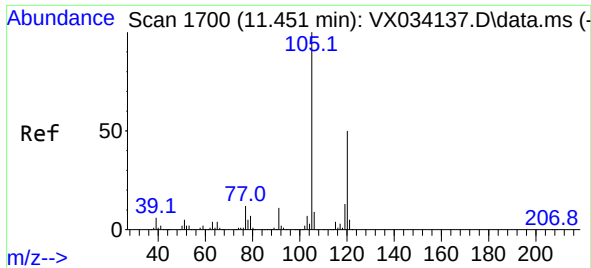
Tgt Ion:105 Resp: 266522
Ion Ratio Lower Upper
105 100
120 27.2 21.8 32.6
77 14.6 11.3 16.9



#61
1,2,3-Trichloropropane
Concen: 50.378 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Tgt Ion: 75 Resp: 59074
Ion Ratio Lower Upper
75 100
77 32.8 26.1 39.1
110 45.9 34.2 51.4

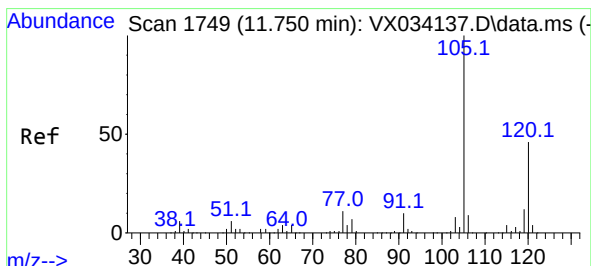
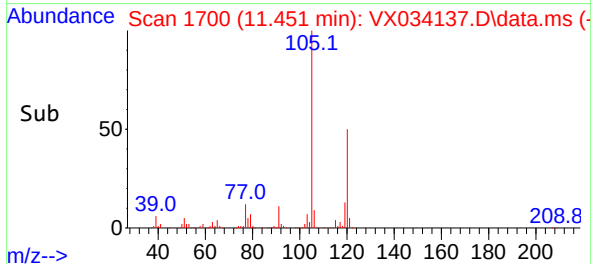
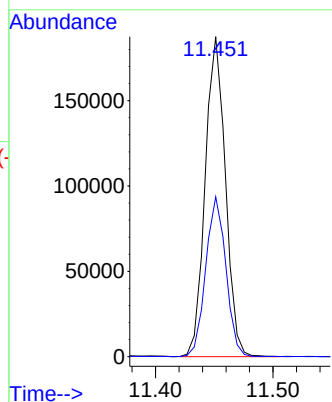
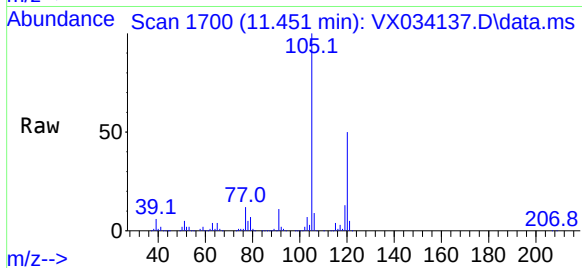




#62
1,3,5-Trimethylbenzene
Concen: 53.790 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

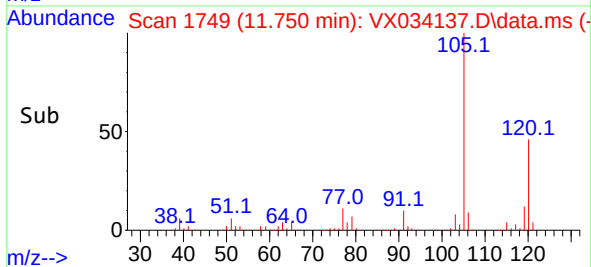
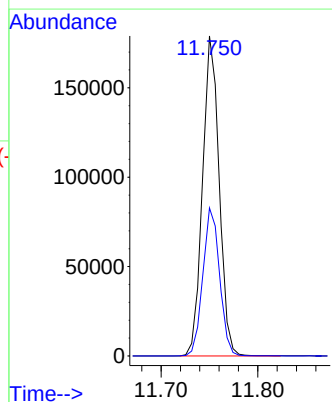
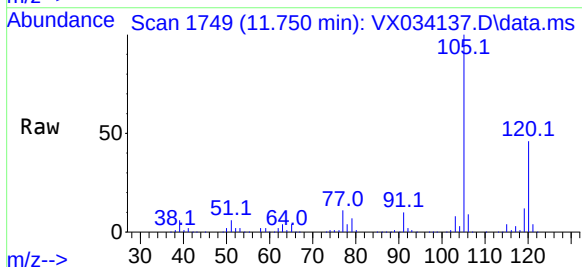
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

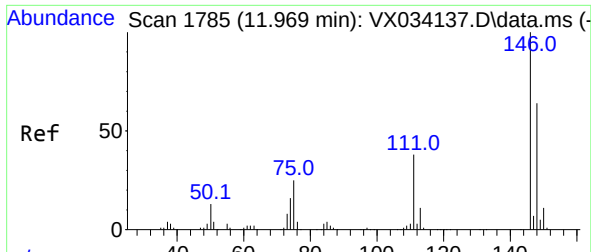
Tgt Ion:105 Resp: 224059
Ion Ratio Lower Upper
105 100
120 49.8 41.3 61.9



#63
1,2,4-Trimethylbenzene
Concen: 52.567 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Tgt Ion:105 Resp: 214348
Ion Ratio Lower Upper
105 100
120 46.5 38.5 57.7

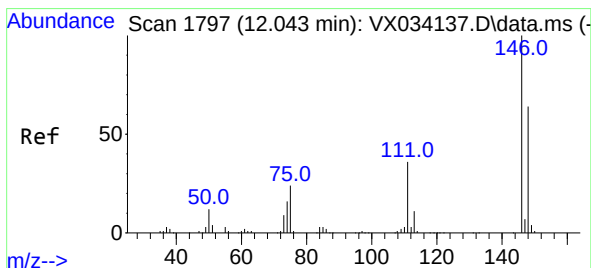
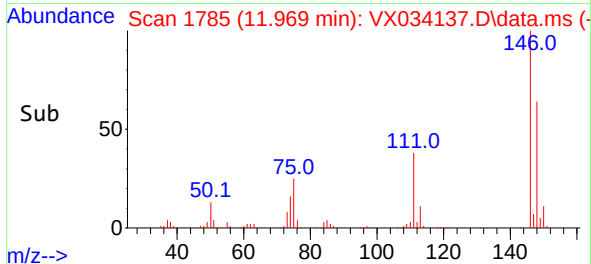
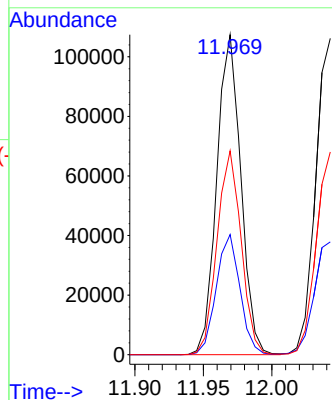
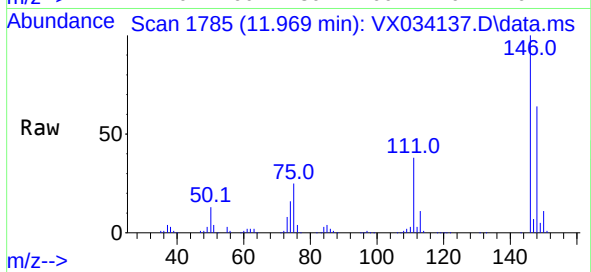




#64
1,3-Dichlorobenzene
Concen: 51.908 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

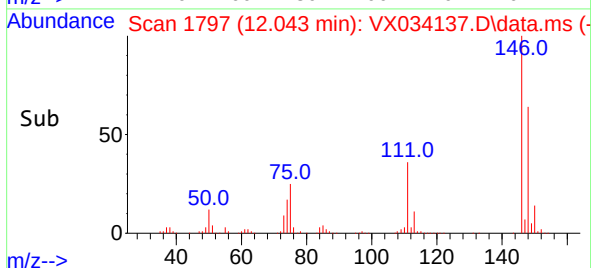
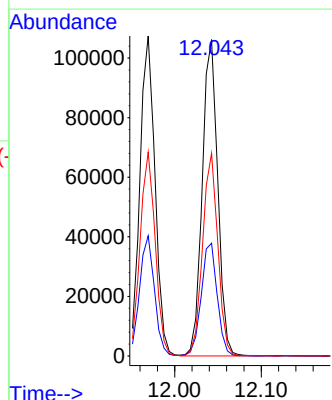
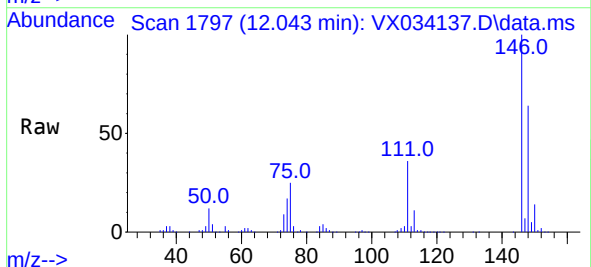
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

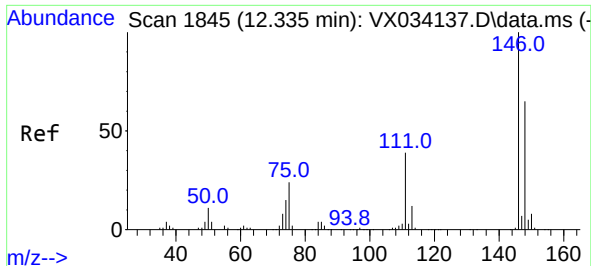
Tgt Ion:146 Resp: 131193
Ion Ratio Lower Upper
146 100
111 37.5 25.5 47.3
148 63.7 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 51.720 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Tgt Ion:146 Resp: 132200
Ion Ratio Lower Upper
146 100
111 35.7 23.7 44.1
148 64.1 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 51.784 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034137.D

Acq: 13 Feb 2023 11:22

Instrument :

MSVOA_X

ClientSampleId :

VSTD050621

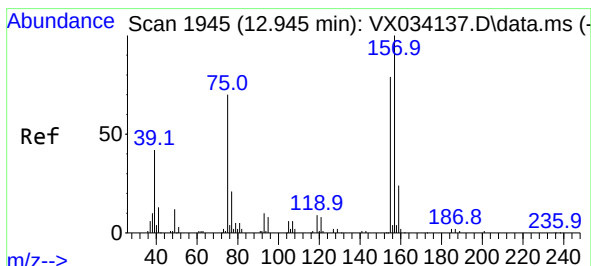
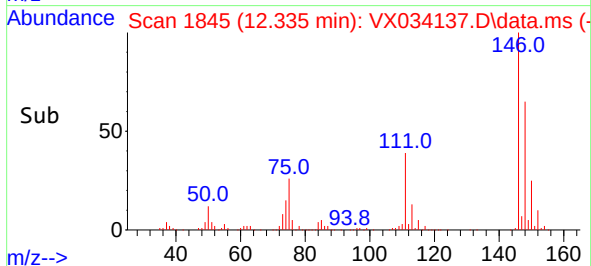
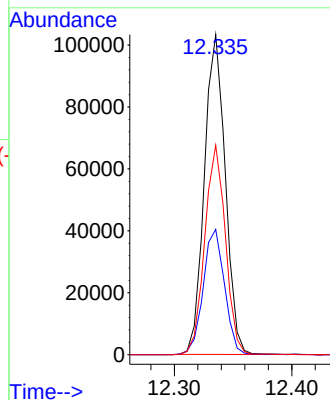
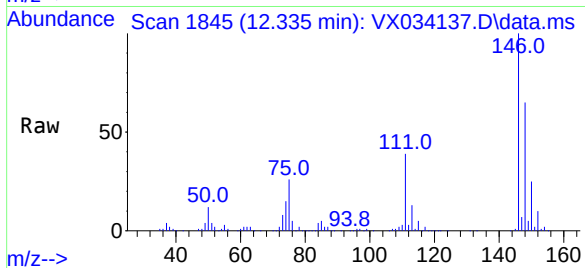
Tgt Ion:146 Resp: 127860

Ion Ratio Lower Upper

146 100

111 39.1 30.4 45.6

148 65.4 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 57.960 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX034137.D

Acq: 13 Feb 2023 11:22

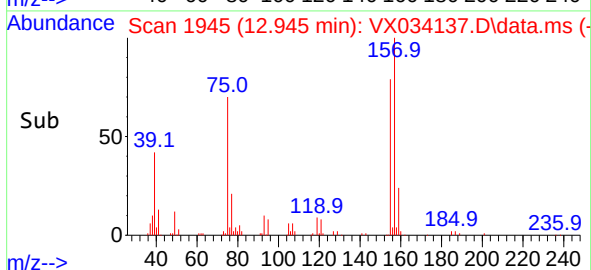
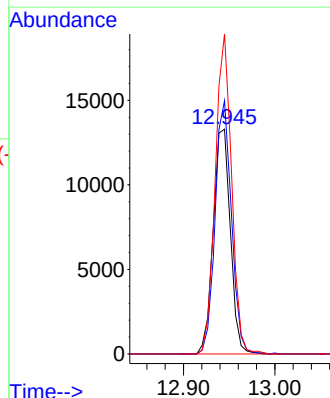
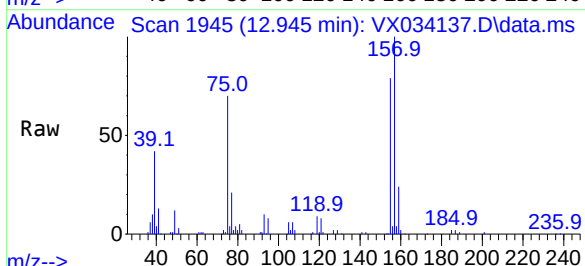
Tgt Ion: 75 Resp: 17254

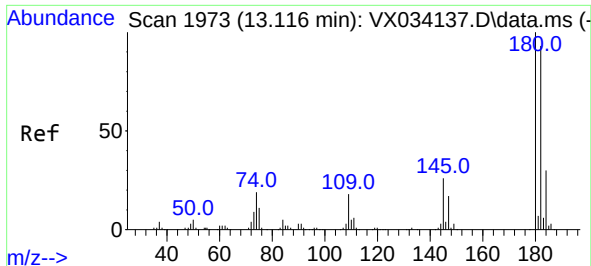
Ion Ratio Lower Upper

75 100

155 112.7 89.0 133.6

157 142.4 116.9 175.3

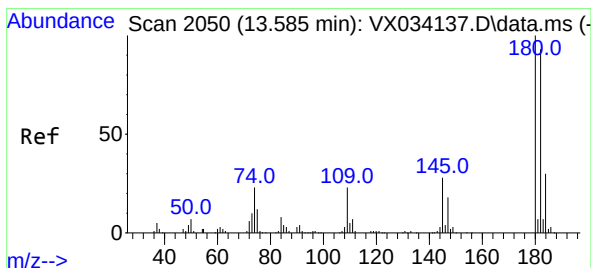
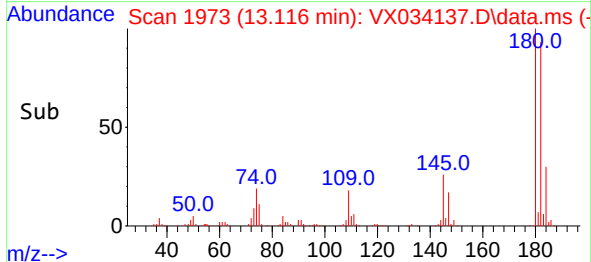
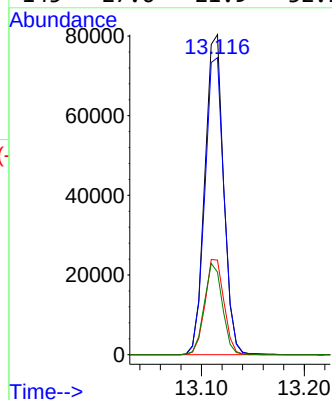
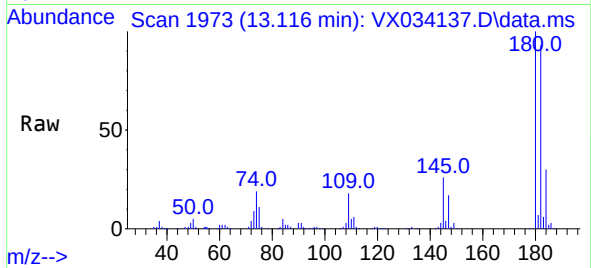




#69
1,3,5-Trichlorobenzene
Concen: 53.195 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

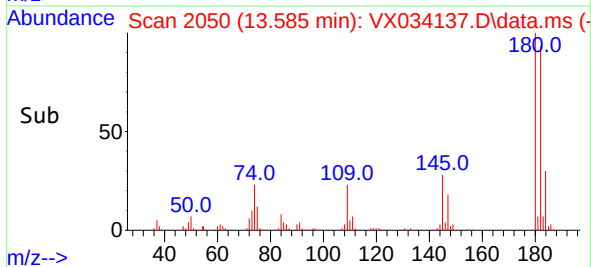
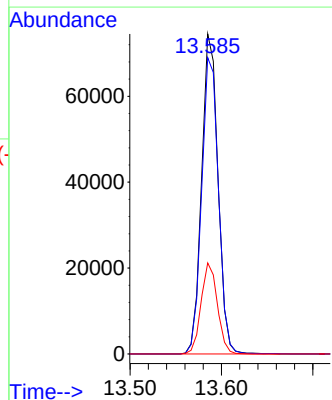
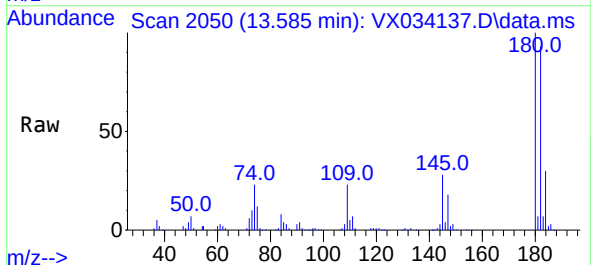
Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

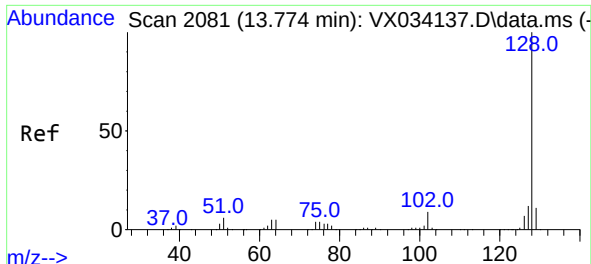
Tgt Ion:180 Resp: 101883
Ion Ratio Lower Upper
180 100
182 94.5 77.3 115.9
184 30.1 24.5 36.7
145 27.6 21.9 32.9



#70
1,2,4-trichlorobenzene
Concen: 53.191 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Tgt Ion:180 Resp: 92544
Ion Ratio Lower Upper
180 100
182 95.1 76.5 114.7
145 28.3 22.3 33.5

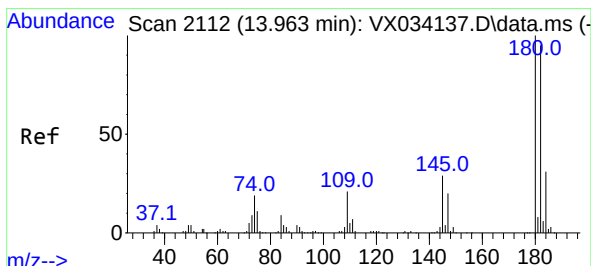
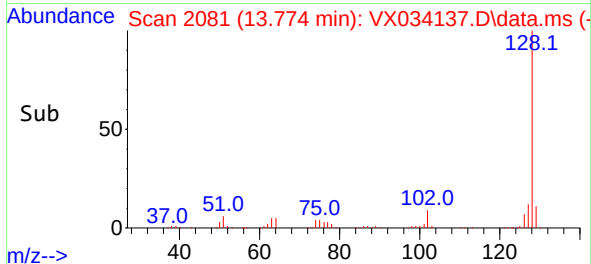
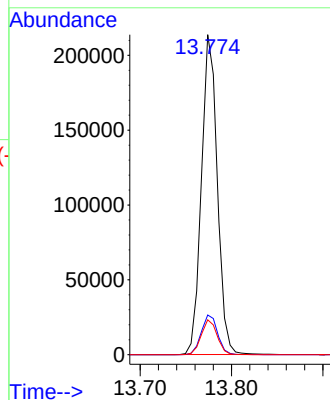
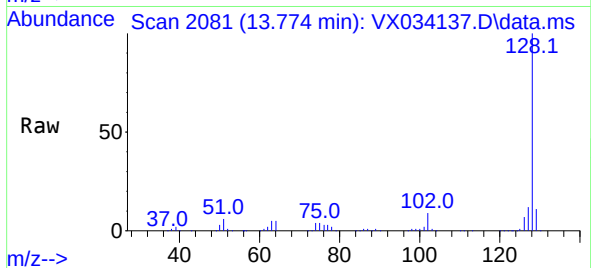




#71
Naphthalene
Concen: 54.083 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Instrument :
MSVOA_X
ClientSampleId :
VSTD050621

Tgt Ion:128 Resp: 258651
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 53.173 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034137.D
Acq: 13 Feb 2023 11:22

Tgt Ion:180 Resp: 91409
Ion Ratio Lower Upper
180 100
182 95.3 77.1 115.7
145 30.1 23.5 35.3

