

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081022\
 Data File : VX030562.D
 Acq On : 10 Aug 2022 19:06
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050776

Quant Time: Aug 10 19:36:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 10 01:21:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	238262	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	215809	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	107305	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	77786	50.838	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 101.680%	
7) Chloroethane-d5	1.666	69	65055	60.313	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 120.620%	
11) 1,1-Dichloroethene-d2	2.306	63	174734	60.372	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 120.740%	
21) 2-Butanone-d5	4.471	46	196551	138.641	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 138.640%#	
24) Chloroform-d	5.068	84	197443	62.686	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 125.380%#	
26) 1,2-Dichloroethane-d4	5.964	65	131846	61.649	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 123.300%	
32) Benzene-d6	5.983	84	352438	57.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 114.020%	
36) 1,2-Dichloropropane-d6	7.312	67	121309	60.484	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 120.960%#	
41) Toluene-d8	8.653	98	321399	55.157	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 110.320%	
43) trans-1,3-Dichloroprop...	8.952	79	56474	56.600	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 113.200%	
47) 2-Hexanone-d5	9.391	63	134409	131.475	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 131.480%#	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	173054	65.681	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 131.360%#	
66) 1,2-Dichlorobenzene-d4	12.323	152	119218	57.281	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 114.560%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	89637	49.997	ug/L	98
3) Chloromethane	1.288	50	78608	50.990	ug/L	98
5) Vinyl chloride	1.374	62	88176	53.548	ug/L	100
6) Bromomethane	1.611	94	13067	16.886	ug/L	100
8) Chloroethane	1.691	64	59812	63.768	ug/L	100
9) Trichlorofluoromethane	1.886	101	132412	54.408	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	78061	53.928	ug/L	96
12) 1,1-Dichloroethene	2.319	96	78947	59.200	ug/L	85
13) Acetone	2.398	43	125122	120.423	ug/L	96
14) Carbon disulfide	2.508	76	229148	53.015	ug/L	99
15) Methyl Acetate	2.715	43	134702	62.634	ug/L	97
16) Methylene chloride	2.794	84	97343	57.566	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	85566	55.383	ug/L	99
18) Methyl tert-butyl Ether	3.123	73	313147	59.601	ug/L	99
19) 1,1-Dichloroethane	3.611	63	182645	61.123	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	98408	56.623	ug/L	98
22) 2-Butanone	4.574	43	200095	122.077	ug/L	96
23) Bromochloromethane	4.910	128	48447	55.587	ug/L	95
25) Chloroform	5.105	83	189824	60.461	ug/L	99

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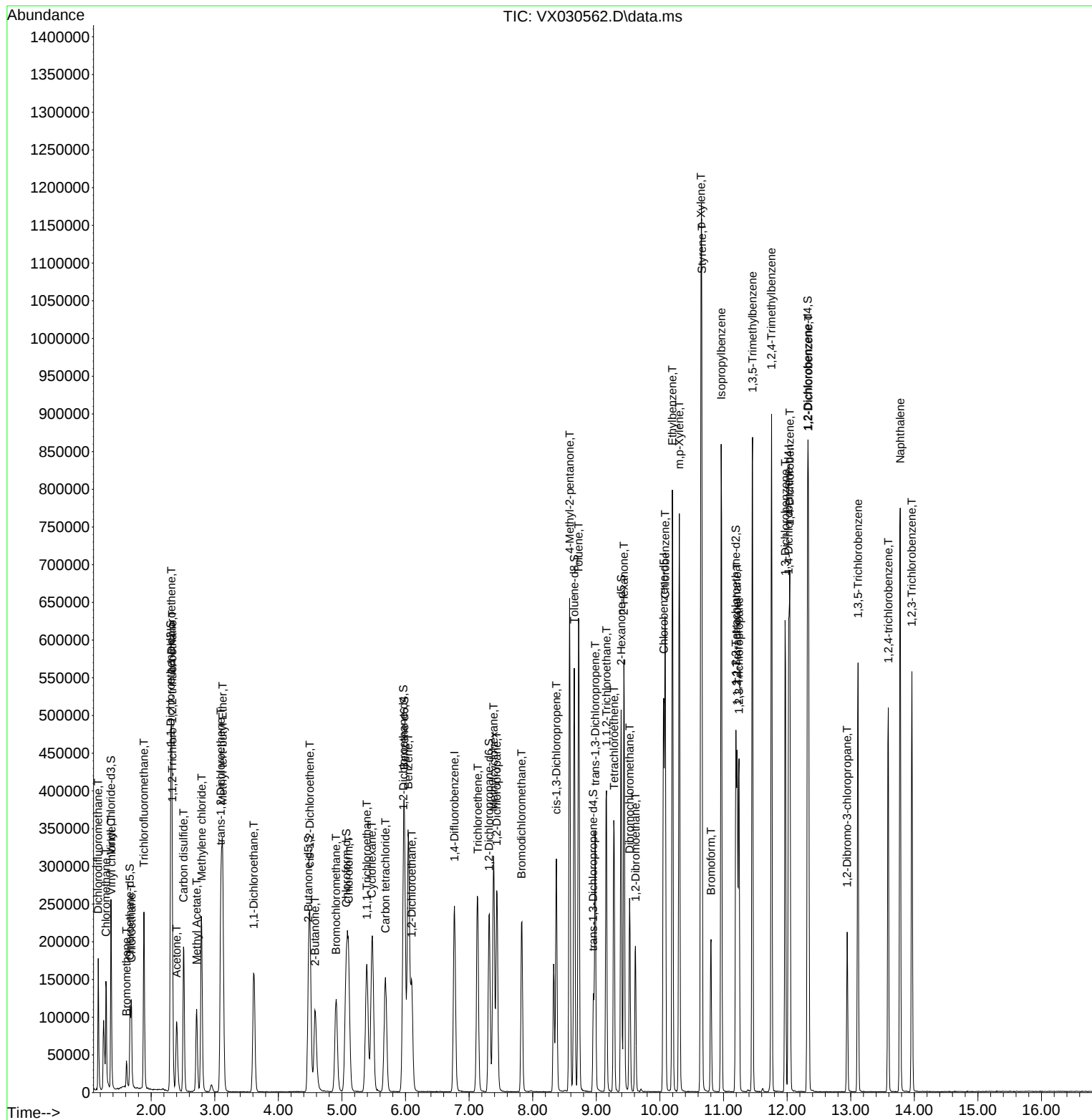
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	159643	61.093	ug/L	99
29) Cyclohexane	5.471	56	138098	48.135	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	159681	56.094	ug/L	98
31) Carbon tetrachloride	5.684	117	129948	55.310	ug/L	100
33) Benzene	6.044	78	393943	56.934	ug/L	100
34) Trichloroethene	7.135	95	102538	51.166	ug/L	89
35) Methylcyclohexane	7.385	83	132251	45.332	ug/L	97
37) 1,2-Dichloropropane	7.434	63	107544	58.456	ug/L	100
38) Bromodichloromethane	7.824	83	145966	59.949	ug/L	96
39) cis-1,3-Dichloropropene	8.372	75	153169	55.811	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	393044	122.681	ug/L	99
42) Toluene	8.720	91	404950	55.401	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	151506	56.403	ug/L	98
45) 1,1,2-Trichloroethane	9.159	97	101140	59.123	ug/L	98
46) Tetrachloroethene	9.281	164	64663	51.056	ug/L	95
48) 2-Hexanone	9.433	43	315816	126.872	ug/L	97
49) Dibromochloromethane	9.525	129	104586	57.466	ug/L	97
50) 1,2-Dibromoethane	9.616	107	105777	56.227	ug/L	99
51) Chlorobenzene	10.086	112	252707	55.493	ug/L	98
52) Ethylbenzene	10.195	91	443023	55.586	ug/L	99
53) m,p-Xylene	10.305	106	163076	54.896	ug/L	98
54) o-Xylene	10.646	106	165266	55.830	ug/L	98
55) Styrene	10.659	104	288183	57.819	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	167894	64.502	ug/L	98
59) Bromoform	10.805	173	68914	58.976	ug/L	99
60) Isopropylbenzene	10.963	105	425356	55.923	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	140810	61.104	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	367909	56.657	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	368421	56.181	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	181009	54.745	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	181408	53.972	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	185358	54.210	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	42520	55.936	ug/L	95
69) 1,3,5-Trichlorobenzene	13.115	180	117098	50.501	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	106650	52.372	ug/L	98
71) Naphthalene	13.780	128	458739	54.421	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	112527	52.313	ug/L	98

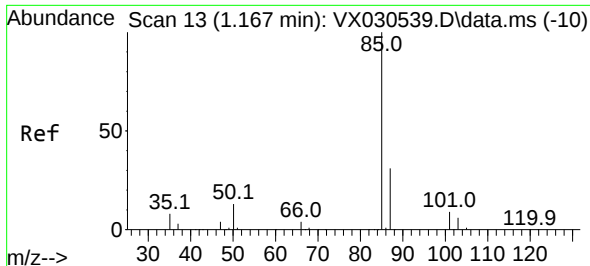
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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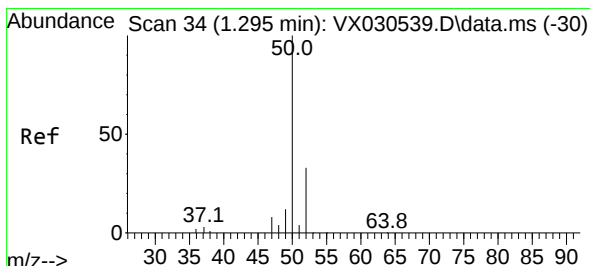
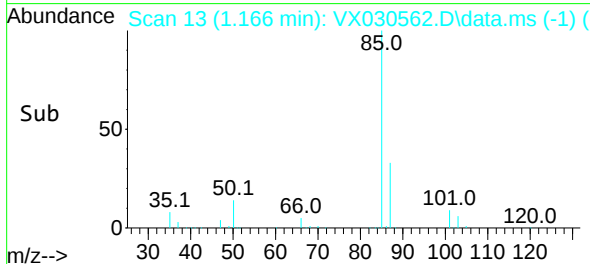
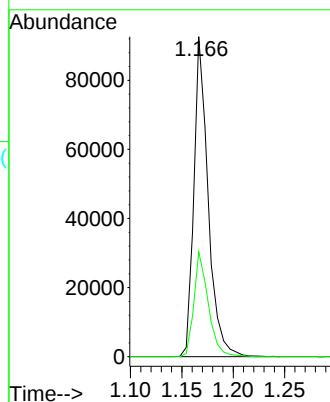
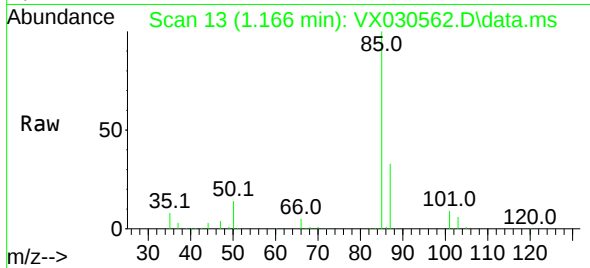




#2
Dichlorodifluoromethane
Concen: 49.997 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

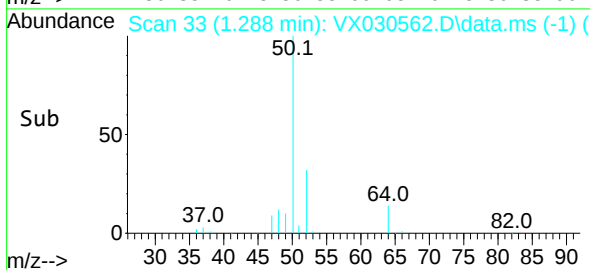
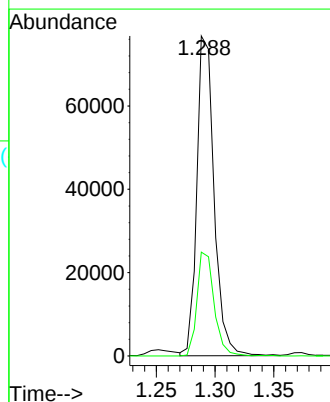
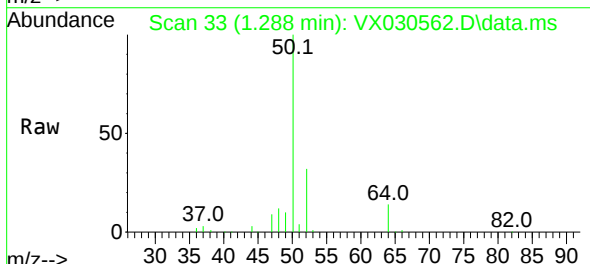
Instrument :
MSVOA_X
ClientSampleId :
VSTD050776

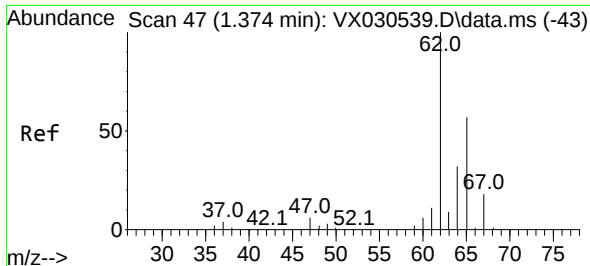
Tgt Ion: 85 Resp: 89637
Ion Ratio Lower Upper
85 100
87 33.0 25.6 38.4



#3
Chloromethane
Concen: 50.990 ug/L
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

Tgt Ion: 50 Resp: 78608
Ion Ratio Lower Upper
50 100
52 32.4 23.3 43.3

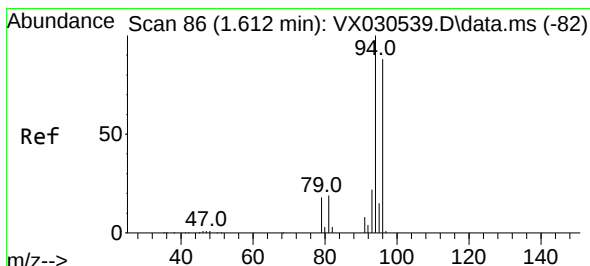
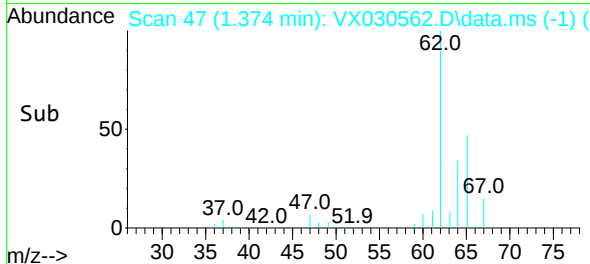
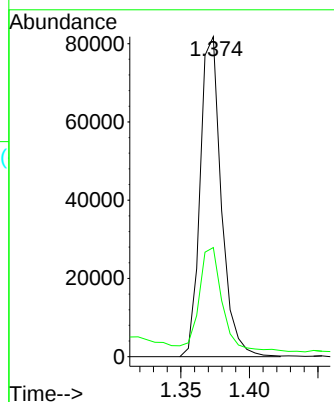
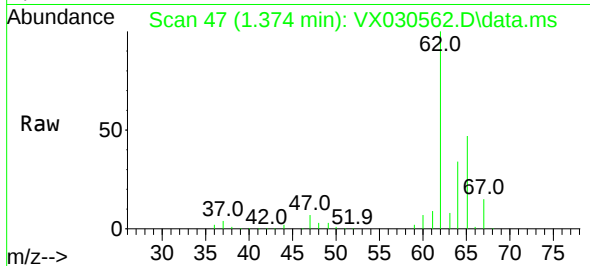




#5
 Vinyl chloride
 Concen: 53.548 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030562.D
 Acq: 10 Aug 2022 19:06

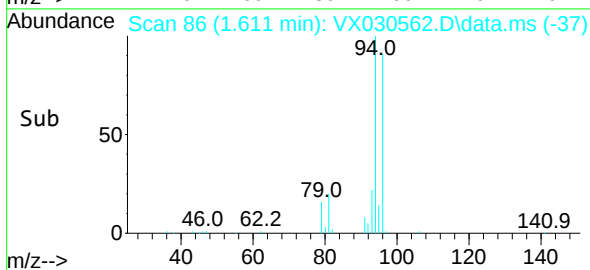
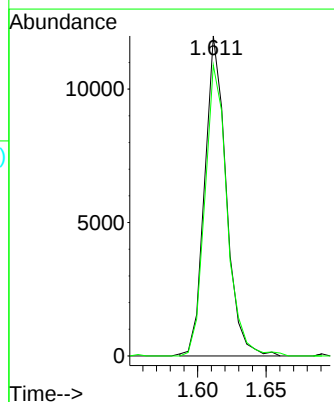
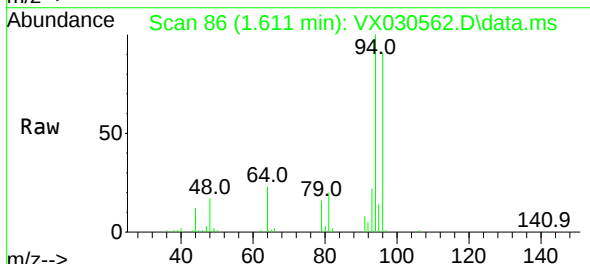
Instrument :
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 ClientSampleId :
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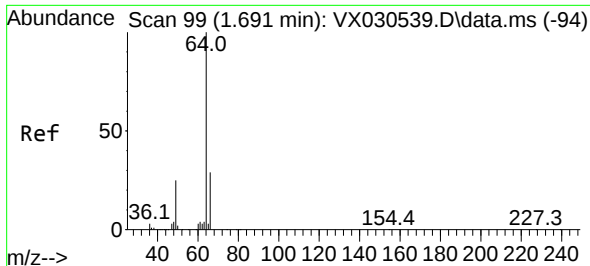
Tgt Ion: 62 Resp: 88176
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.8 44.2



#6
 Bromomethane
 Concen: 16.886 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX030562.D
 Acq: 10 Aug 2022 19:06

Tgt Ion: 94 Resp: 13067
 Ion Ratio Lower Upper
 94 100
 96 90.9 63.8 118.6

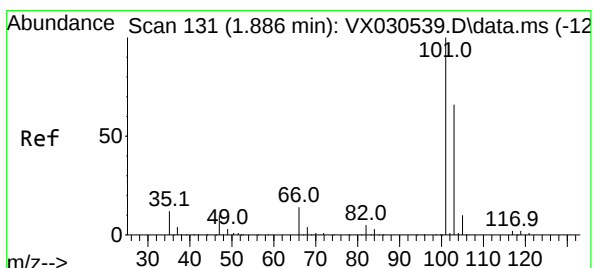
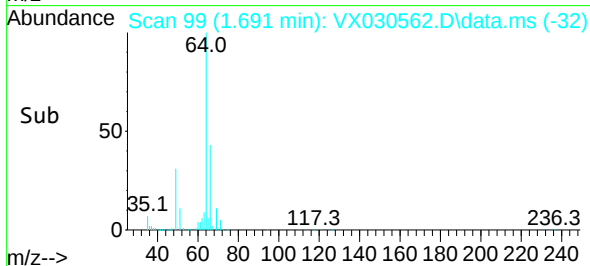
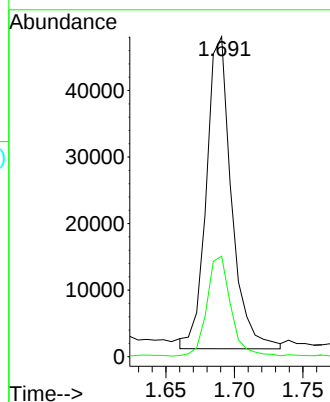
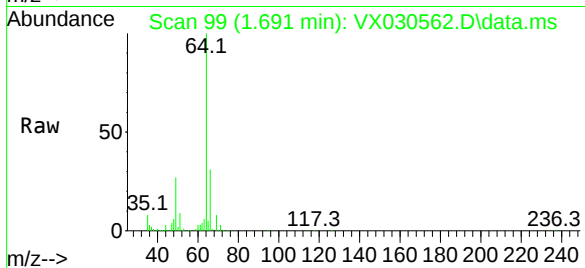




#8
Chloroethane
Concen: 63.768 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

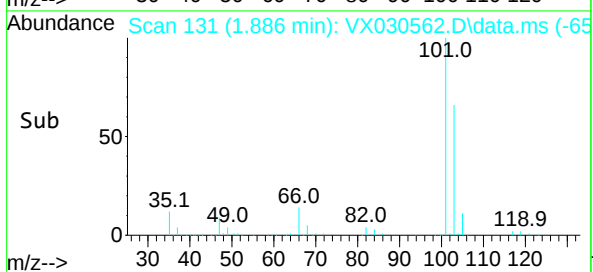
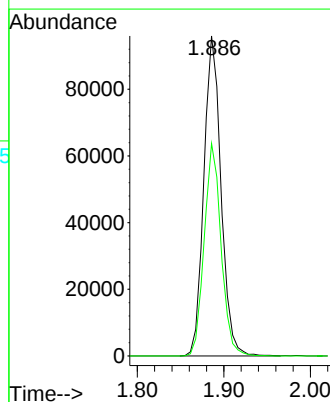
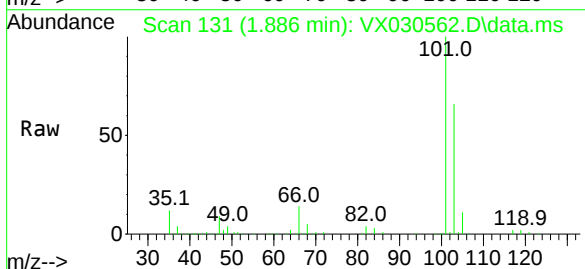
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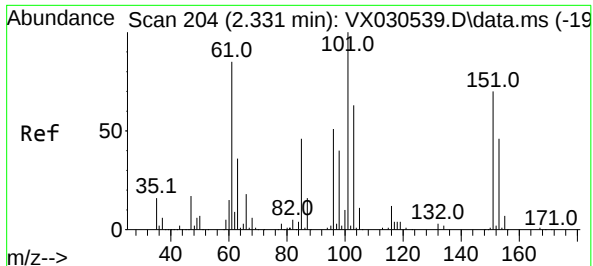
Tgt Ion: 64 Resp: 59812
Ion Ratio Lower Upper
64 100
66 31.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 54.408 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

Tgt Ion: 101 Resp: 132412
Ion Ratio Lower Upper
101 100
103 65.2 51.5 77.3

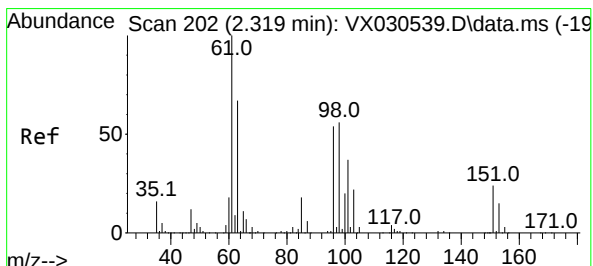
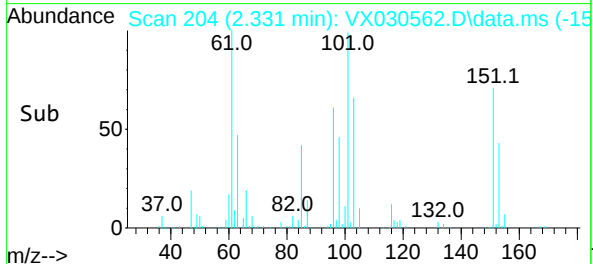
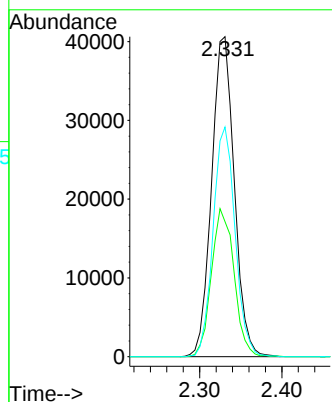
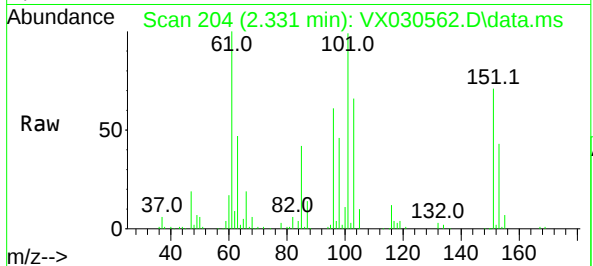




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.928 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.006 min
 Lab File: VX030562.D
 Acq: 10 Aug 2022 19:06

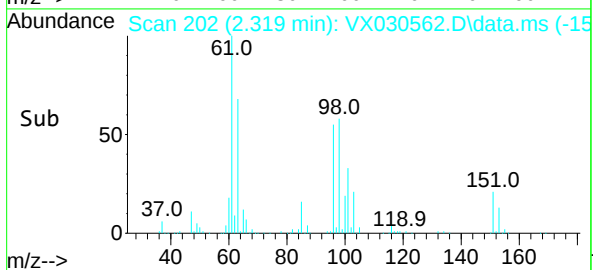
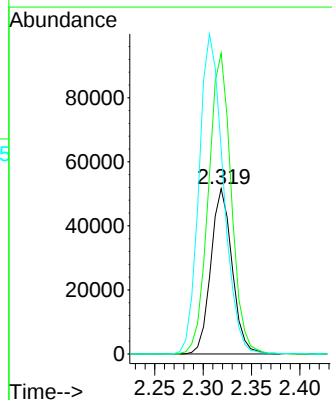
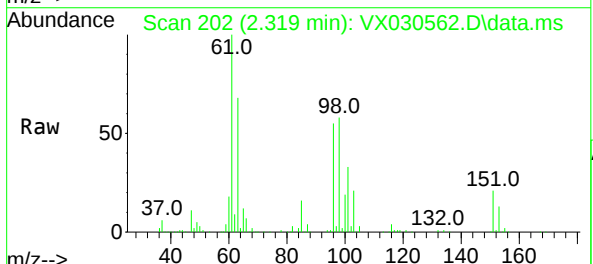
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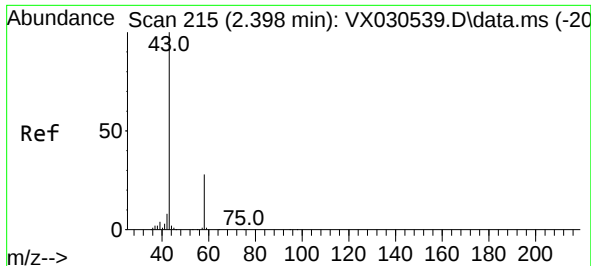
Tgt Ion:101 Resp: 78061
 Ion Ratio Lower Upper
 101 100
 85 46.0 35.3 52.9
 151 69.5 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 59.200 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX030562.D
 Acq: 10 Aug 2022 19:06

Tgt Ion: 96 Resp: 78947
 Ion Ratio Lower Upper
 96 100
 61 182.0 130.2 241.8
 63 124.2 113.5 210.9





#13

Acetone

Concen: 120.423 ug/L

RT: 2.398 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX030562.D

Acq: 10 Aug 2022 19:06

Instrument :

MSVOA_X

ClientSampleId :

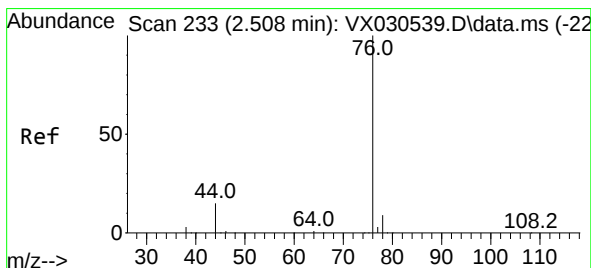
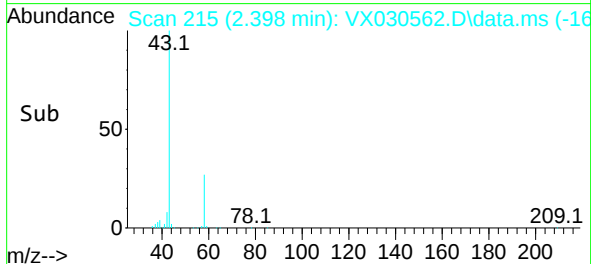
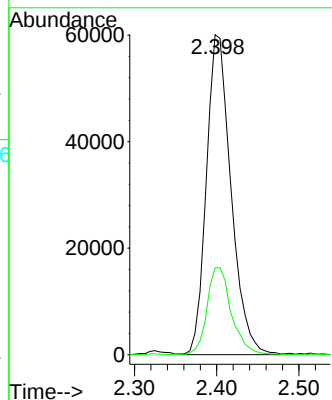
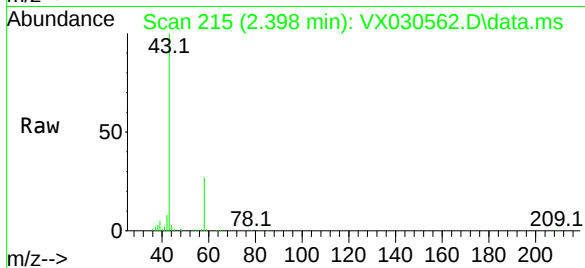
VSTD050776

Tgt Ion: 43 Resp: 125122

Ion Ratio Lower Upper

43 100

58 26.9 0.0 57.8



#14

Carbon disulfide

Concen: 53.015 ug/L

RT: 2.508 min Scan# 233

Delta R.T. -0.000 min

Lab File: VX030562.D

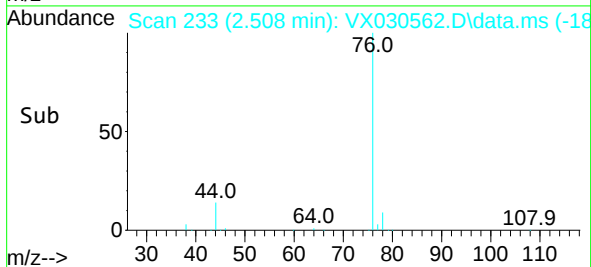
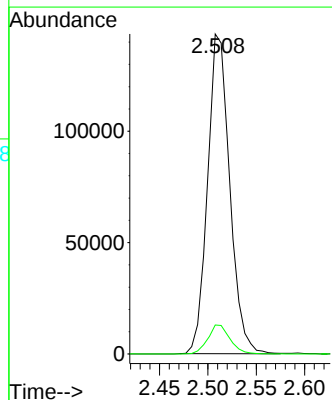
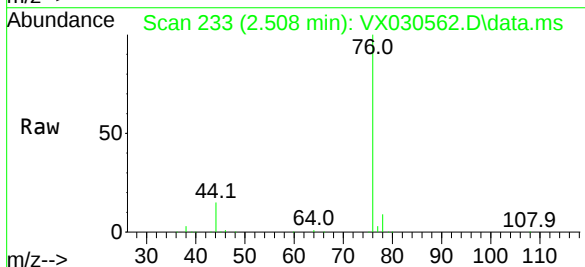
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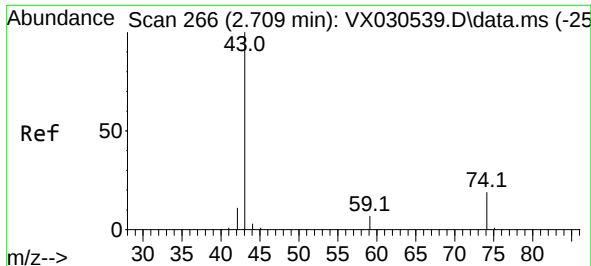
Tgt Ion: 76 Resp: 229148

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

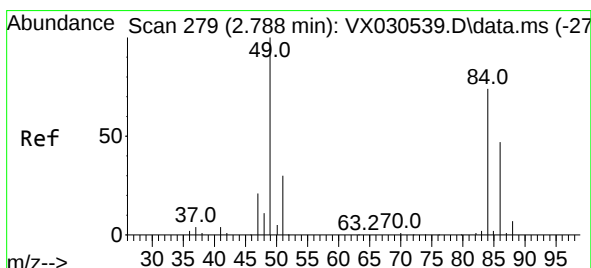
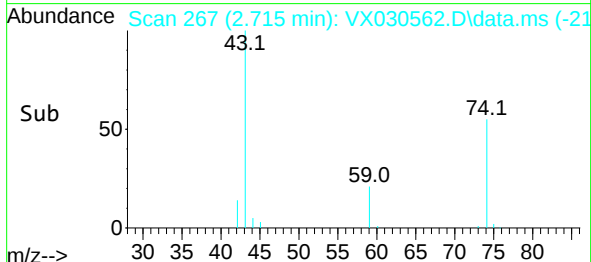
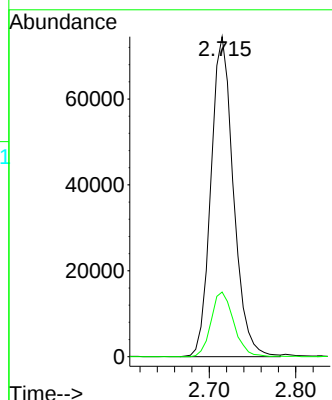
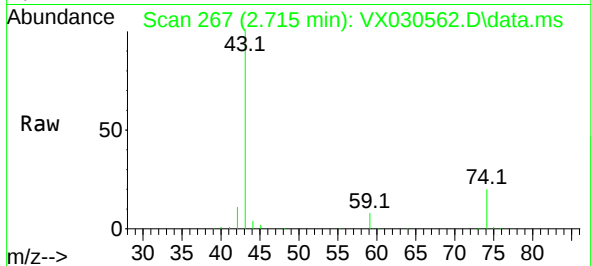




#15
Methyl Acetate
Concen: 62.634 ug/L
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

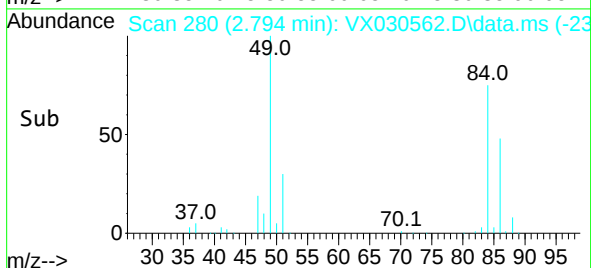
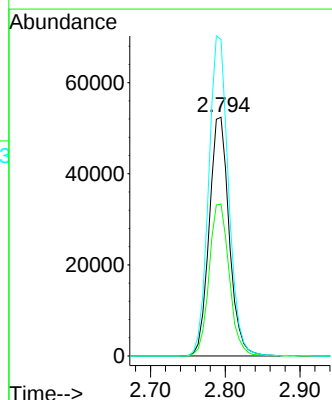
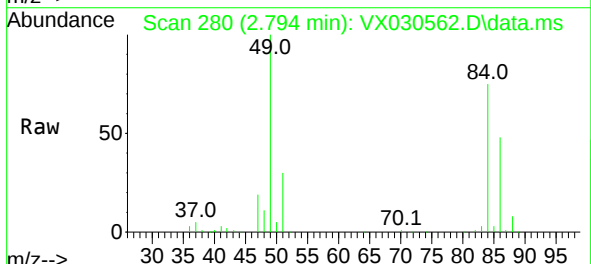
Instrument :
MSVOA_X
ClientSampleId :
VSTD050776

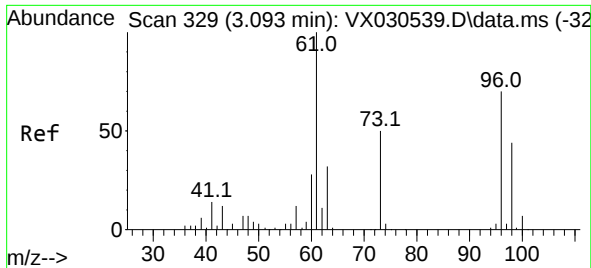
Tgt Ion: 43 Resp: 134702
Ion Ratio Lower Upper
43 100
74 20.3 17.2 25.8



#16
Methylene chloride
Concen: 57.566 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

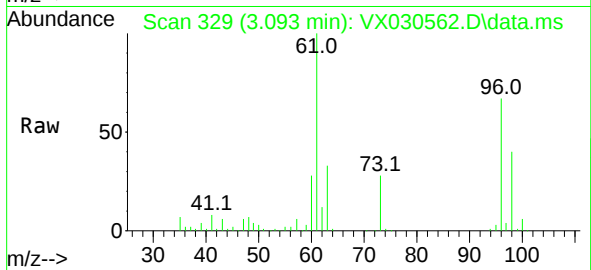
Tgt Ion: 84 Resp: 97343
Ion Ratio Lower Upper
84 100
86 63.6 44.2 82.2
49 132.6 89.0 165.2





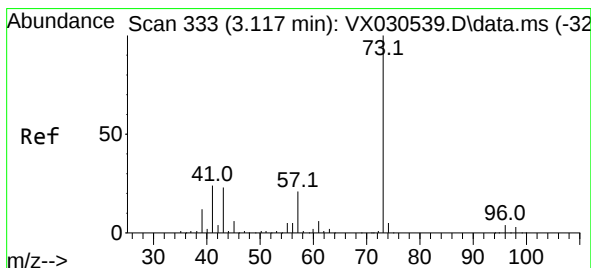
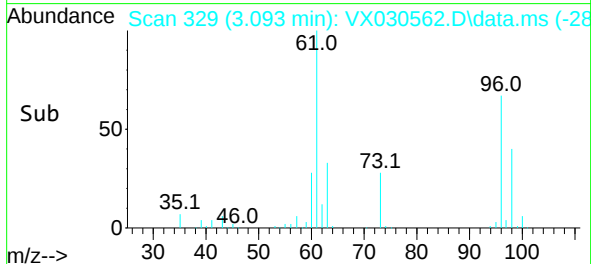
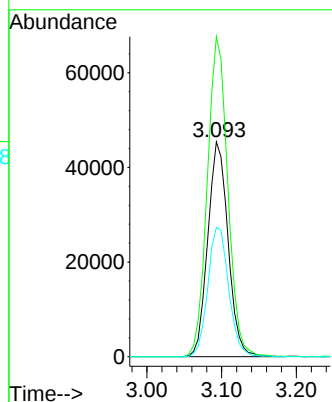
#17
trans-1,2-Dichloroethene
Concen: 55.383 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTD050776



Tgt Ion: 96 Resp: 85566

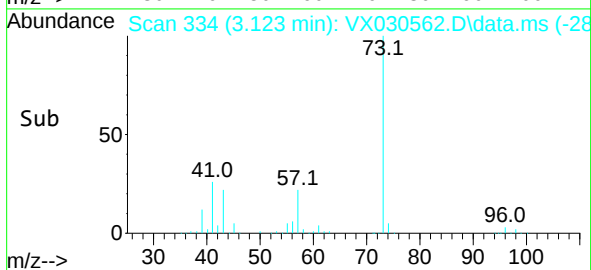
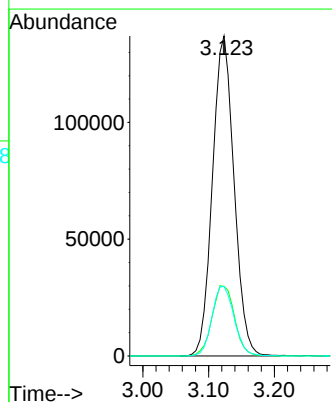
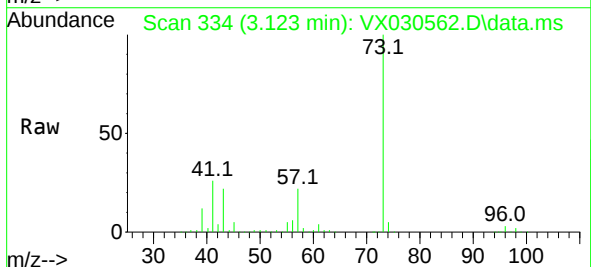
Ion	Ratio	Lower	Upper
96	100		
61	149.0	103.7	192.5
98	60.1	41.5	77.1

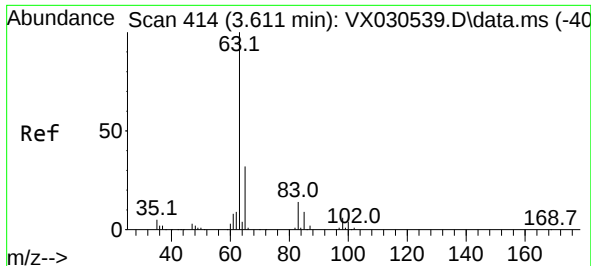


#18
Methyl tert-butyl Ether
Concen: 59.601 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

Tgt Ion: 73 Resp: 313147

Ion	Ratio	Lower	Upper
73	100		
43	22.8	17.6	26.4
57	22.4	17.5	26.3





#19

1,1-Dichloroethane

Concen: 61.123 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX030562.D

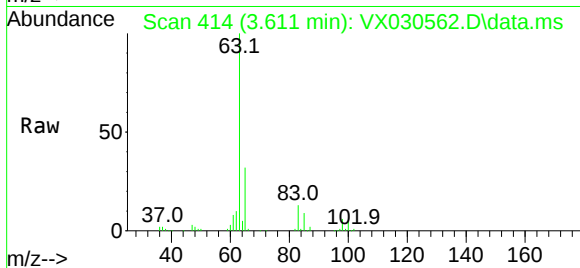
Acq: 10 Aug 2022 19:06

Instrument :

MSVOA_X

ClientSampleId :

VSTD050776



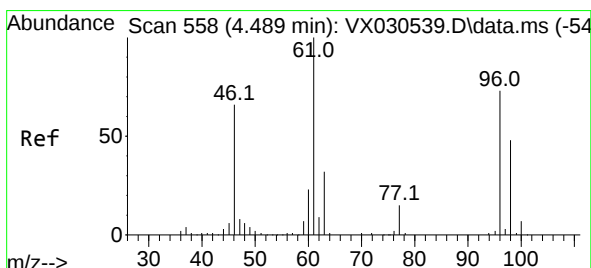
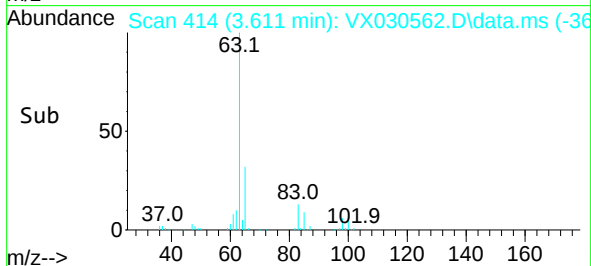
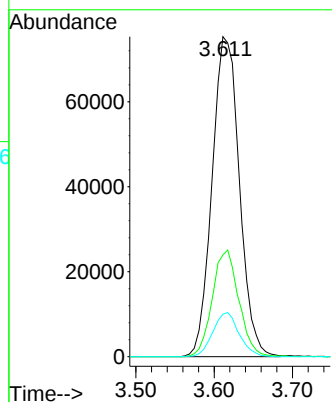
Tgt Ion: 63 Resp: 182645

Ion Ratio Lower Upper

63 100

65 31.8 22.0 40.8

83 13.3 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 56.623 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX030562.D

Acq: 10 Aug 2022 19:06

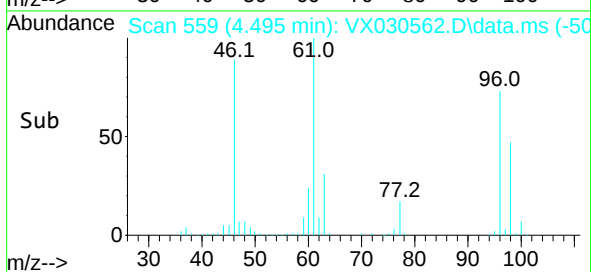
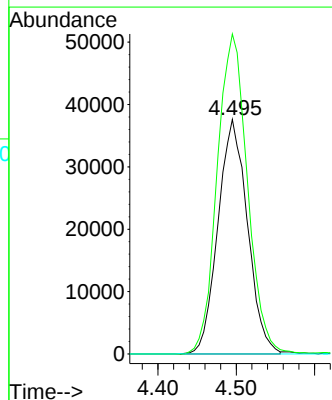
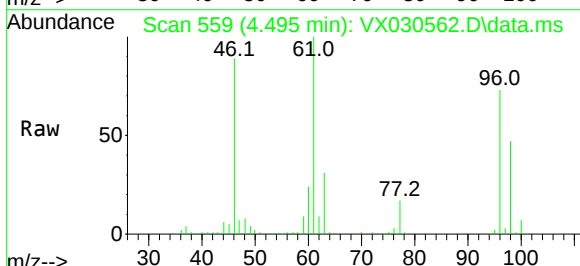
Tgt Ion: 96 Resp: 98408

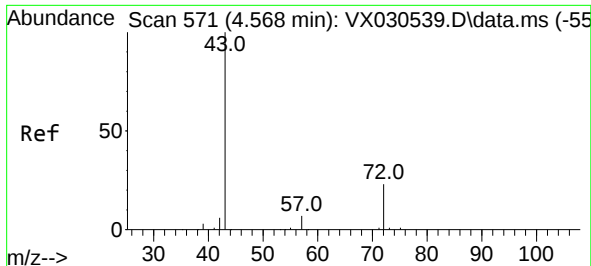
Ion Ratio Lower Upper

96 100

61 136.4 94.0 174.6

68 0.0 0.0 0.0

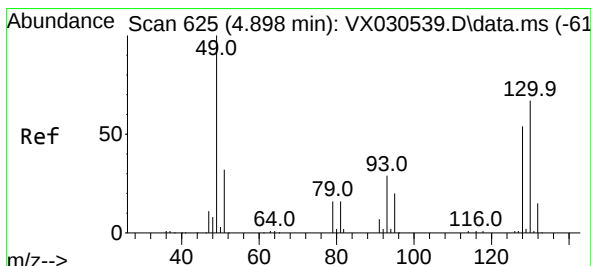
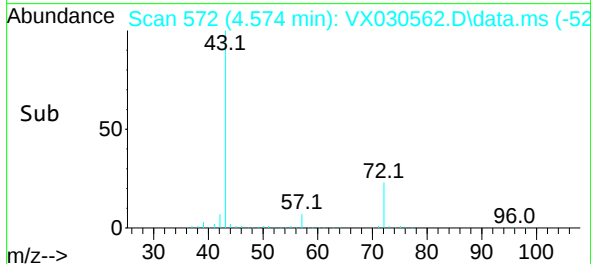
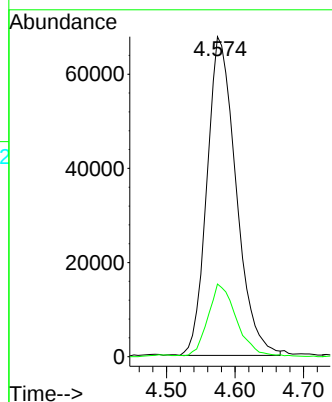
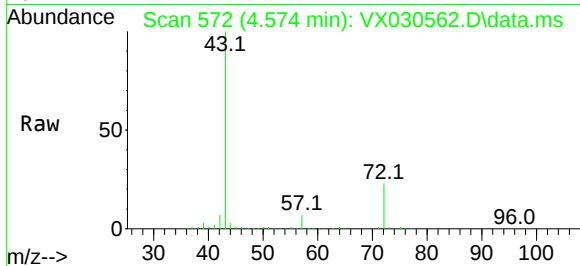




#22
2-Butanone
Concen: 122.077 ug/L
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

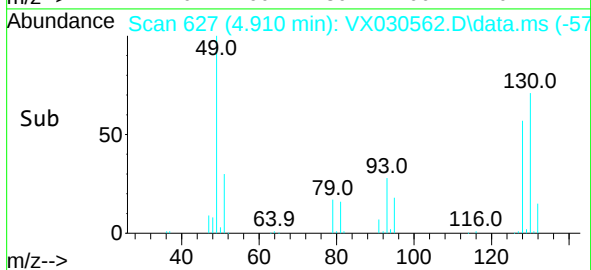
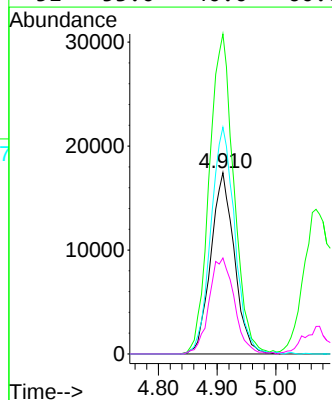
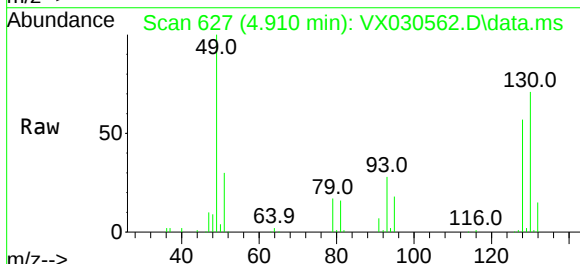
Instrument :
MSVOA_X
ClientSampleId :
VSTD050776

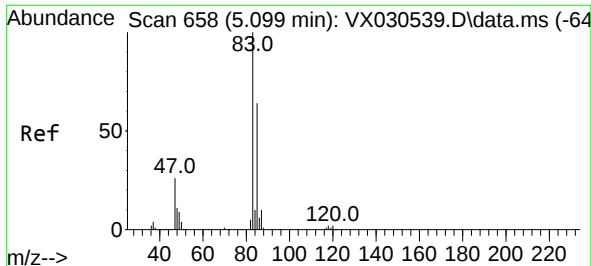
Tgt Ion: 43 Resp: 200095
Ion Ratio Lower Upper
43 100
72 21.7 11.7 35.1



#23
Bromochloromethane
Concen: 55.587 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.012 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

Tgt Ion: 128 Resp: 48447
Ion Ratio Lower Upper
128 100
49 176.5 116.8 216.8
130 125.1 90.3 167.7
51 53.0 40.0 60.0

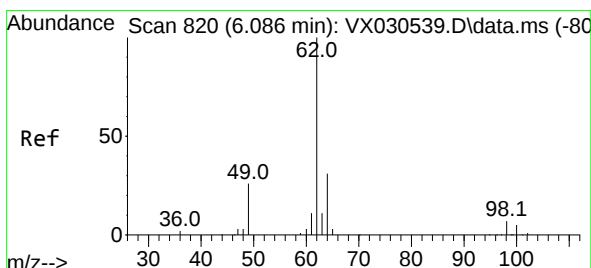
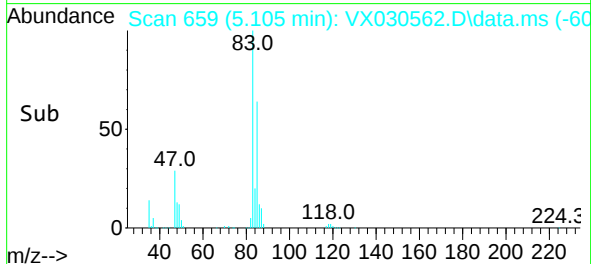
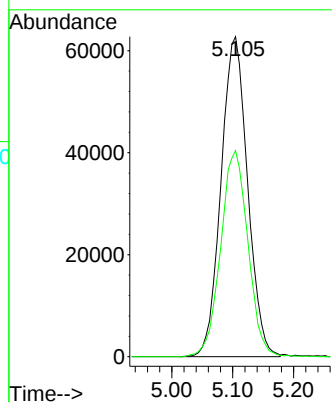
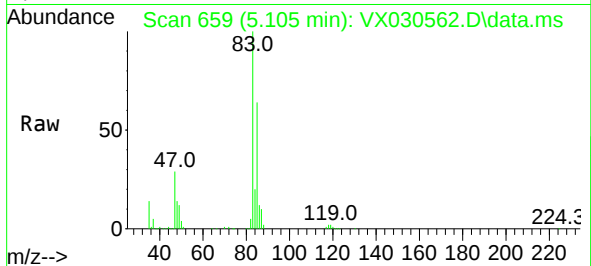




#25
Chloroform
Concen: 60.461 ug/L
RT: 5.105 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

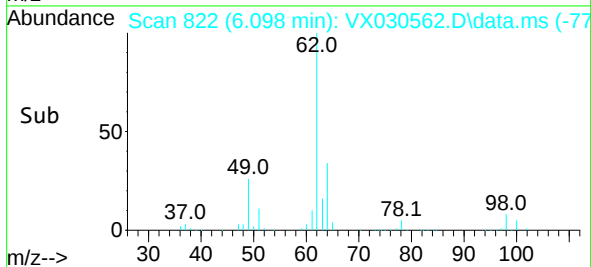
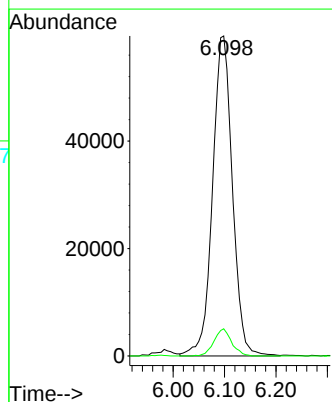
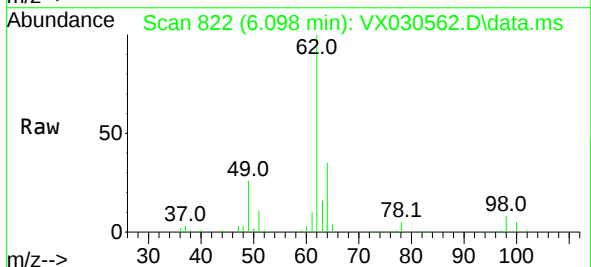
Instrument :
MSVOA_X
ClientSampleId :
VSTD050776

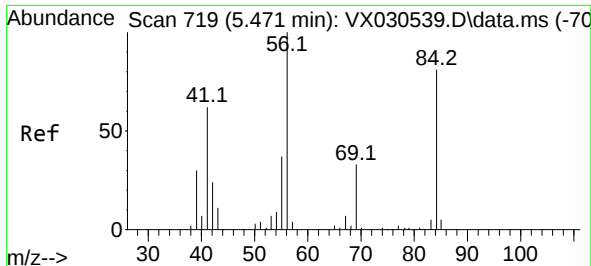
Tgt Ion: 83 Resp: 189824
Ion Ratio Lower Upper
83 100
85 64.4 45.6 84.6



#27
1,2-Dichloroethane
Concen: 61.093 ug/L
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

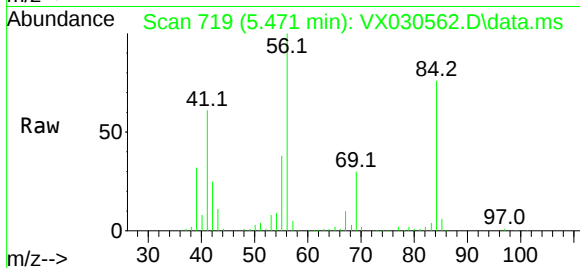
Tgt Ion: 62 Resp: 159643
Ion Ratio Lower Upper
62 100
98 8.5 7.0 10.6



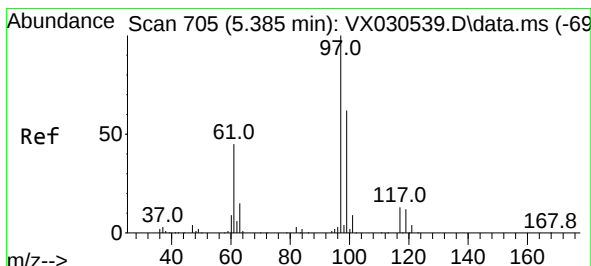
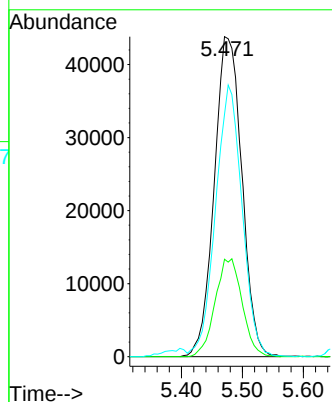
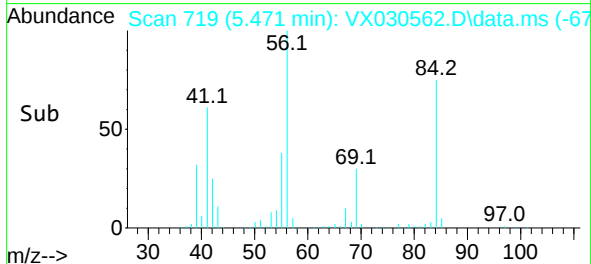


#29
Cyclohexane
Concen: 48.135 ug/L
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

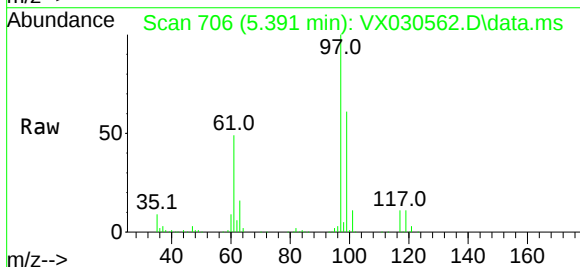
Instrument :
MSVOA_X
ClientSampleId :
VSTD050776



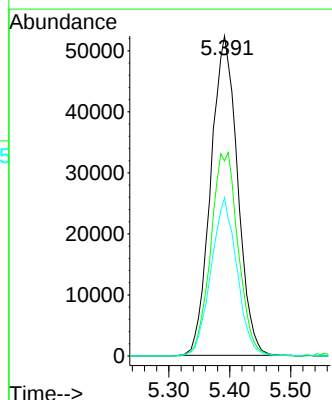
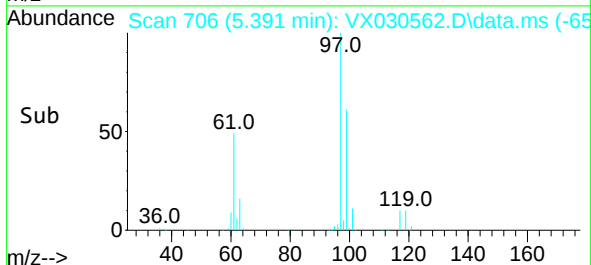
Tgt Ion: 56 Resp: 138098
Ion Ratio Lower Upper
56 100
69 30.0 24.3 36.5
84 81.6 66.7 100.1

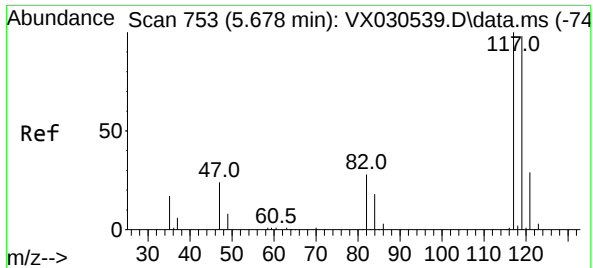


#30
1,1,1-Trichloroethane
Concen: 56.094 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06



Tgt Ion: 97 Resp: 159681
Ion Ratio Lower Upper
97 100
99 65.3 51.4 77.0
61 48.0 37.0 55.6

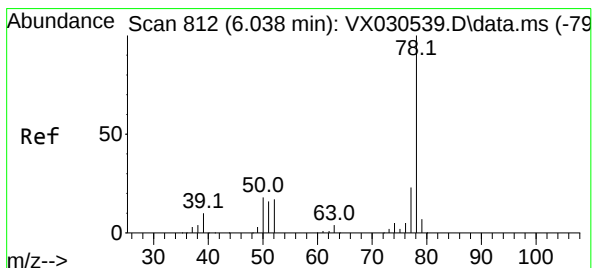
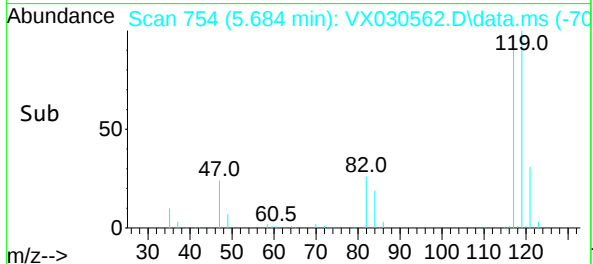
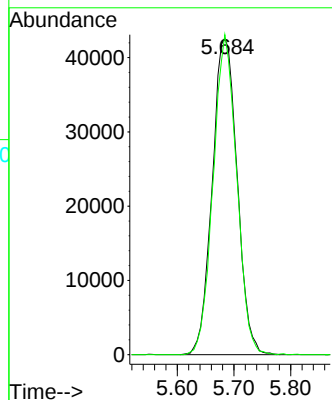
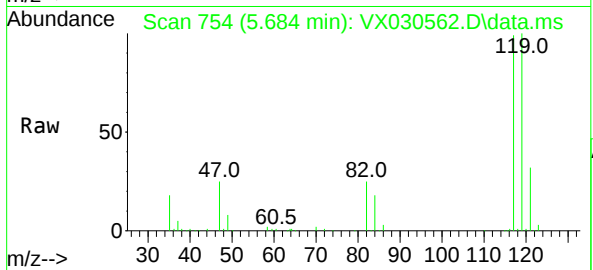




#31
Carbon tetrachloride
Concen: 55.310 ug/L
RT: 5.684 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

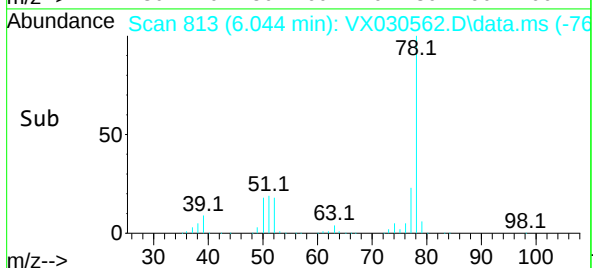
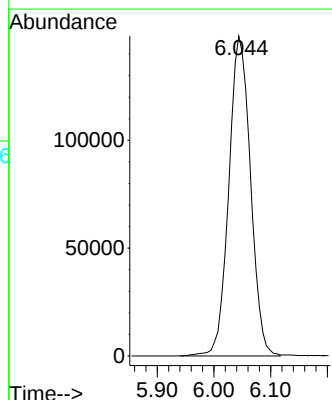
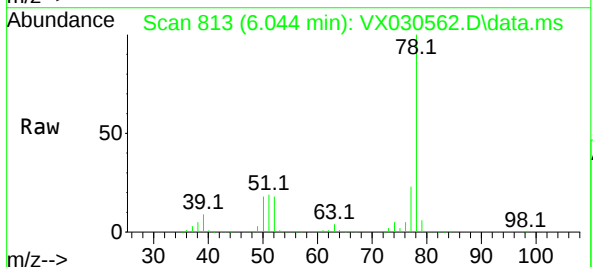
Instrument :
MSVOA_X
ClientSampleId :
VSTD050776

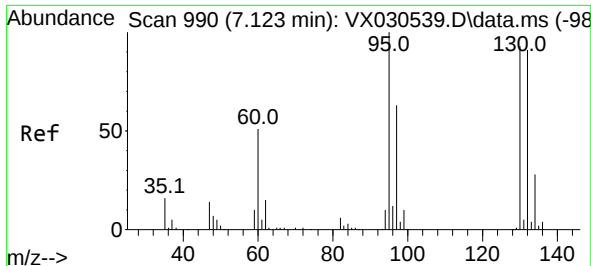
Tgt Ion:117 Resp: 129948
Ion Ratio Lower Upper
117 100
119 95.6 76.2 114.2



#33
Benzene
Concen: 56.934 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

Tgt Ion: 78 Resp: 393943



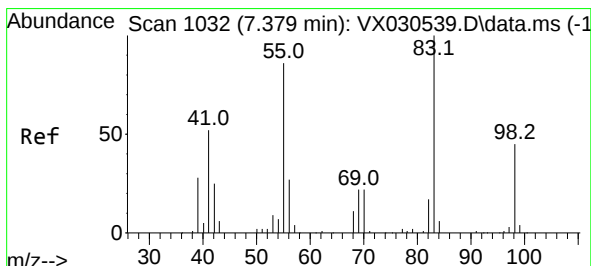
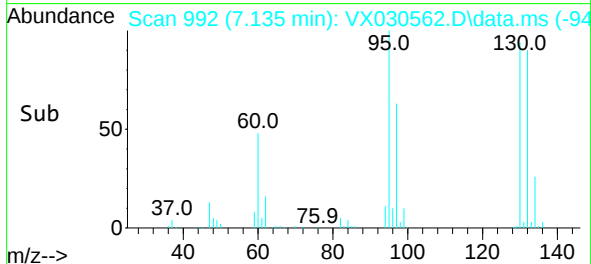
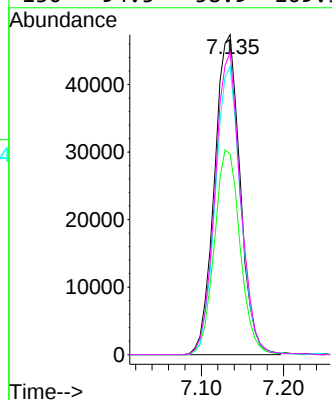
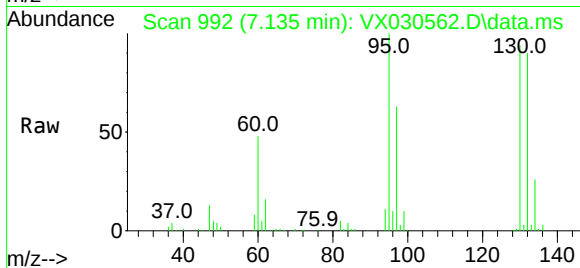


#34
Trichloroethene
Concen: 51.166 ug/L
RT: 7.135 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTD050776

Tgt Ion: 95 Resp: 102538

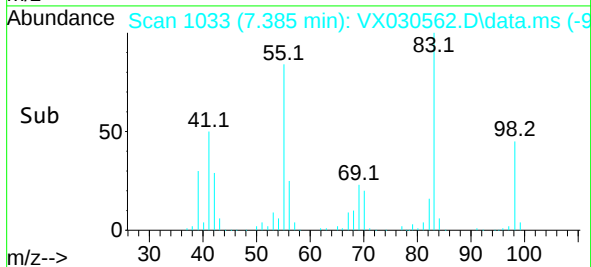
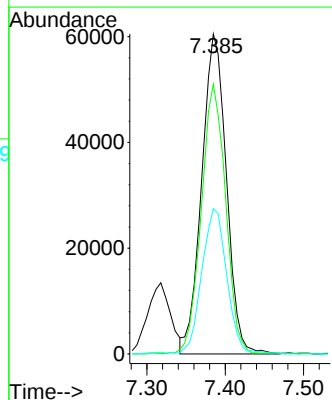
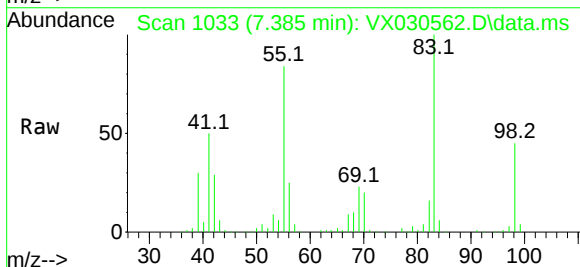
Ion	Ratio	Lower	Upper
95	100		
97	62.7	40.2	74.6
132	90.2	55.3	102.7
130	94.5	58.9	109.5

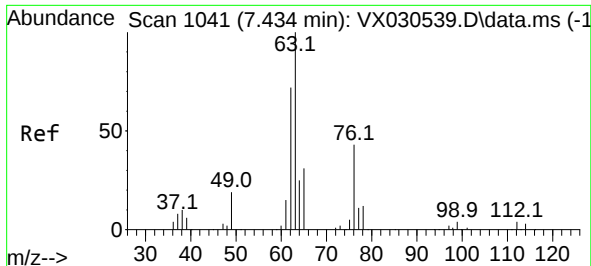


#35
Methylcyclohexane
Concen: 45.332 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

Tgt Ion: 83 Resp: 132251

Ion	Ratio	Lower	Upper
83	100		
55	82.9	64.0	96.0
98	44.7	36.7	55.1





#37

1,2-Dichloropropane

Concen: 58.456 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX030562.D

Acq: 10 Aug 2022 19:06

Instrument :

MSVOA_X

ClientSampleId :

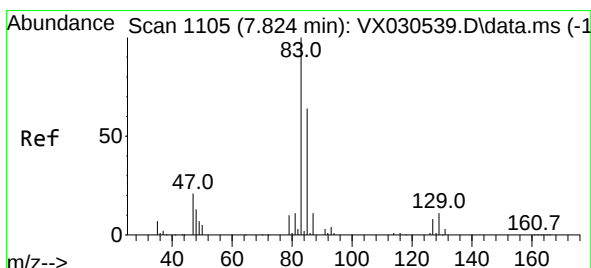
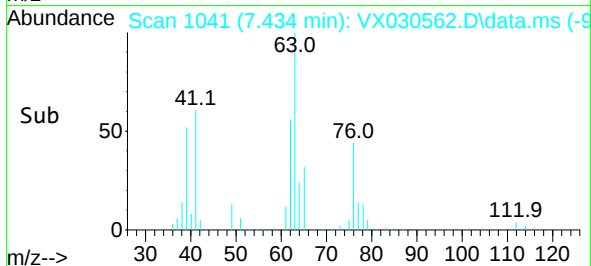
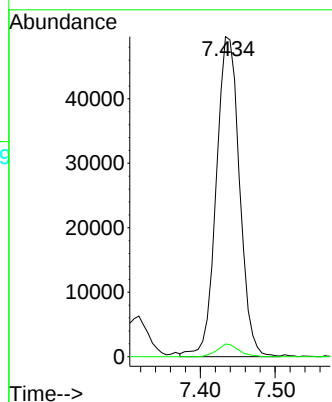
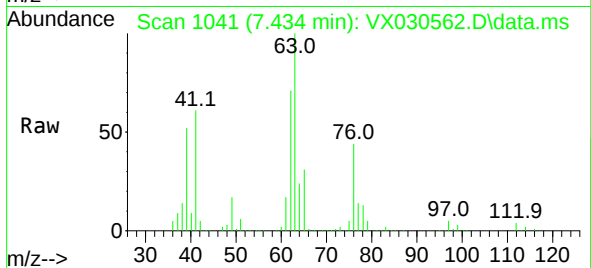
VSTD050776

Tgt Ion: 63 Resp: 107544

Ion Ratio Lower Upper

63 100

112 3.7 3.0 4.4



#38

Bromodichloromethane

Concen: 59.949 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX030562.D

Acq: 10 Aug 2022 19:06

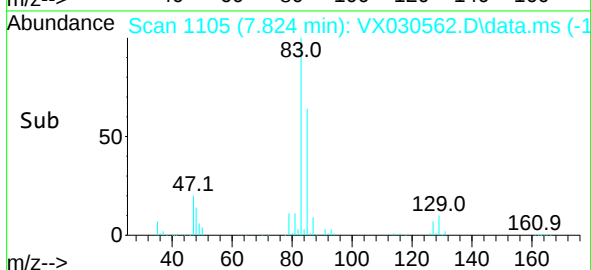
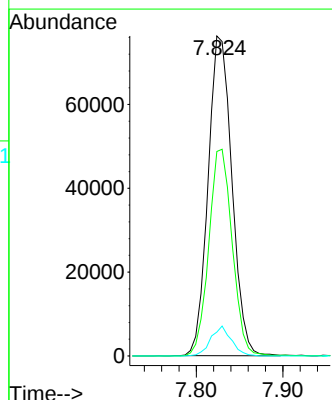
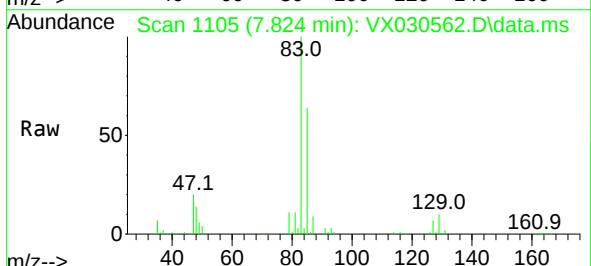
Tgt Ion: 83 Resp: 145966

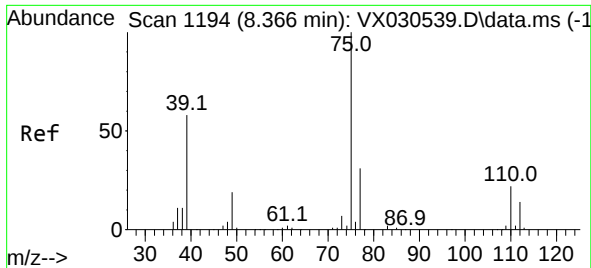
Ion Ratio Lower Upper

83 100

85 63.9 42.5 78.9

127 7.5 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 55.811 ug/L

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX030562.D

Acq: 10 Aug 2022 19:06

Instrument :

MSVOA_X

ClientSampleId :

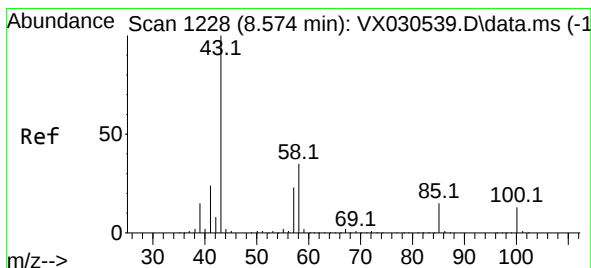
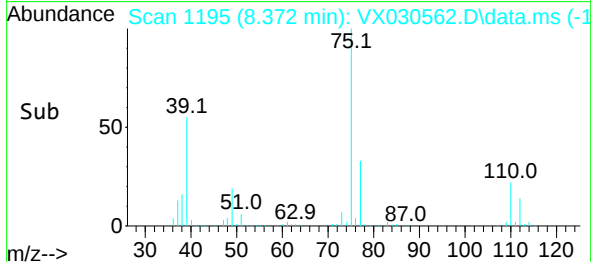
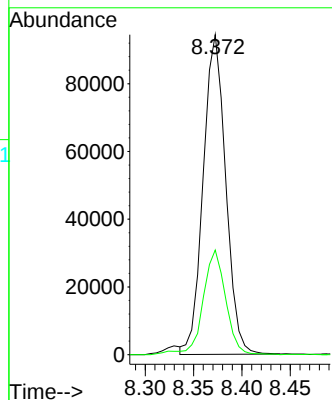
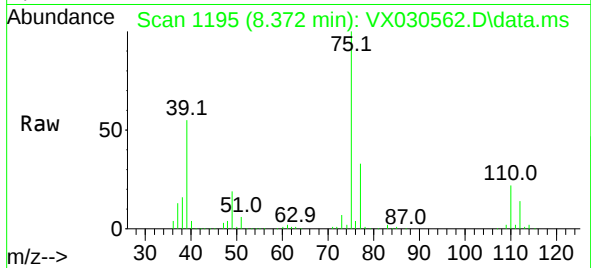
VSTD050776

Tgt Ion: 75 Resp: 153169

Ion Ratio Lower Upper

75 100

77 32.7 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 122.681 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX030562.D

Acq: 10 Aug 2022 19:06

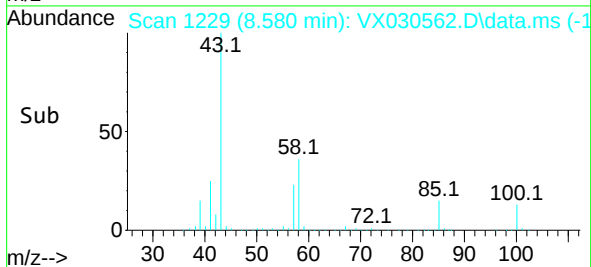
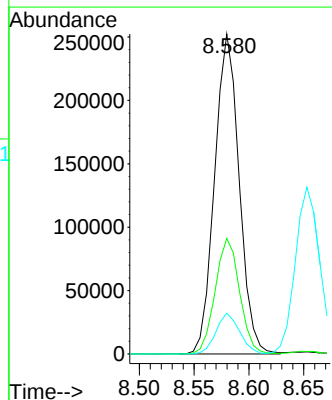
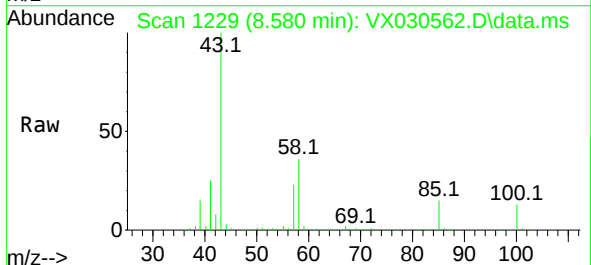
Tgt Ion: 43 Resp: 393044

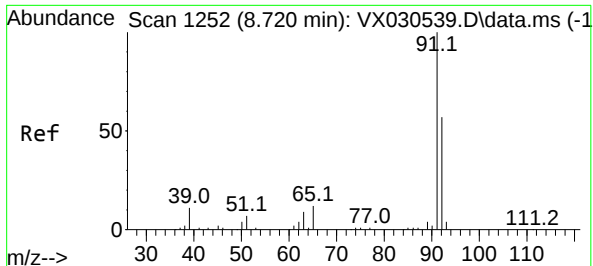
Ion Ratio Lower Upper

43 100

58 35.8 29.0 43.6

100 12.3 10.5 15.7

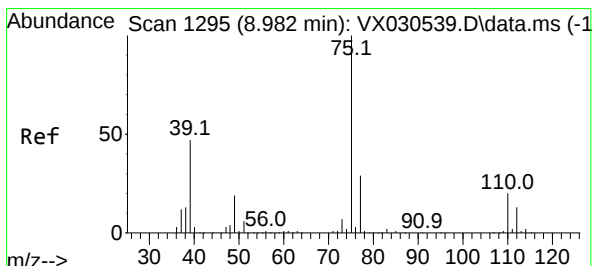
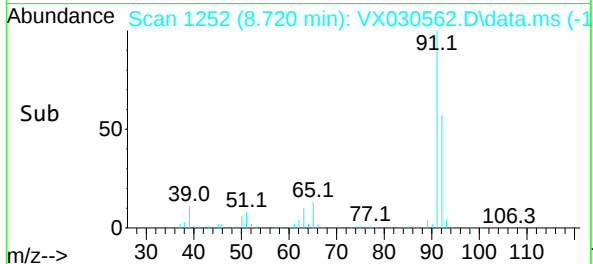
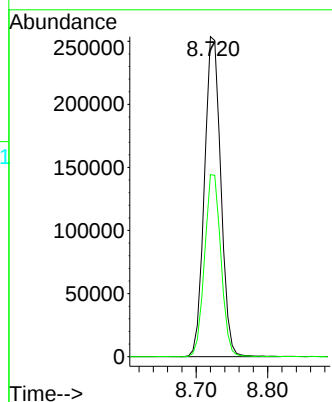
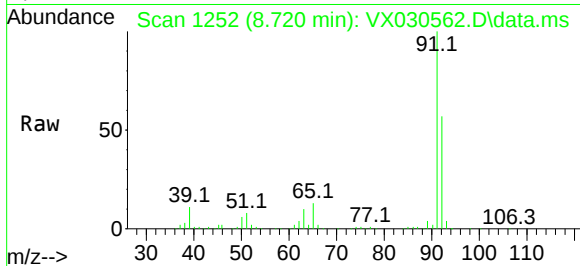




#42
Toluene
Concen: 55.401 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

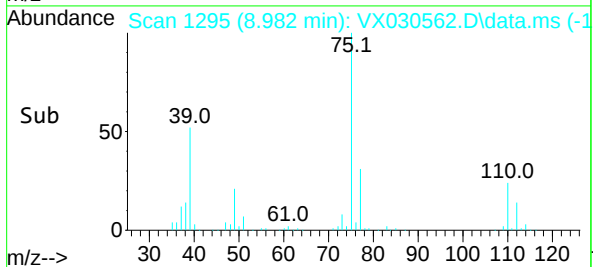
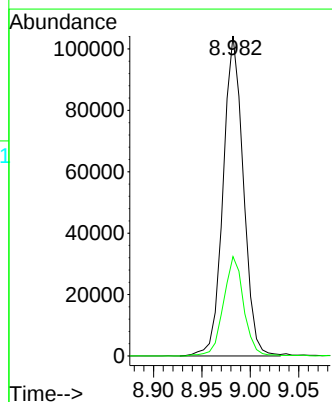
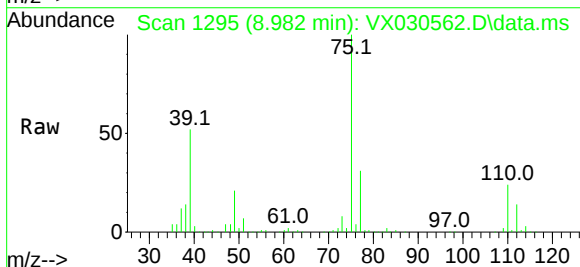
Instrument :
MSVOA_X
ClientSampleId :
VSTD050776

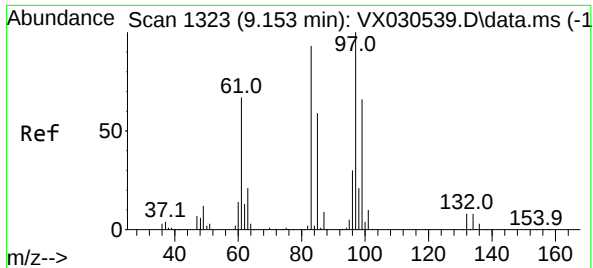
Tgt Ion: 91 Resp: 404950
Ion Ratio Lower Upper
91 100
92 56.9 40.0 74.4



#44
trans-1,3-Dichloropropene
Concen: 56.403 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

Tgt Ion: 75 Resp: 151506
Ion Ratio Lower Upper
75 100
77 31.0 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 59.123 ug/L

RT: 9.159 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX030562.D

Acq: 10 Aug 2022 19:06

Instrument :

MSVOA_X

ClientSampleId :

VSTD050776

Tgt Ion: 97 Resp: 101140

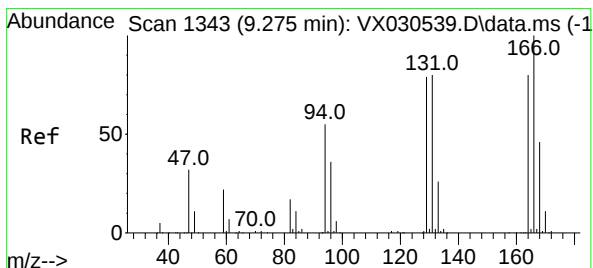
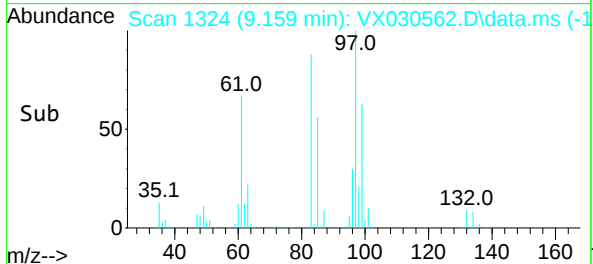
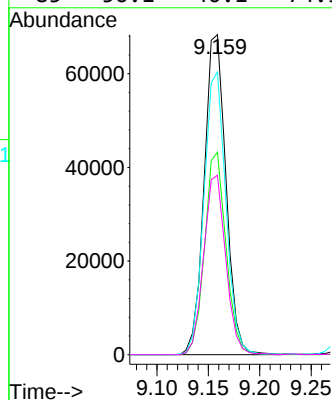
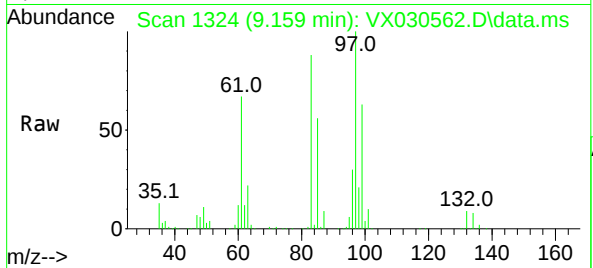
Ion Ratio Lower Upper

97 100

99 63.2 43.3 80.3

83 88.4 63.0 117.0

85 56.1 40.1 74.5



#46

Tetrachloroethene

Concen: 51.056 ug/L

RT: 9.281 min Scan# 1344

Delta R.T. 0.006 min

Lab File: VX030562.D

Acq: 10 Aug 2022 19:06

Tgt Ion:164 Resp: 64663

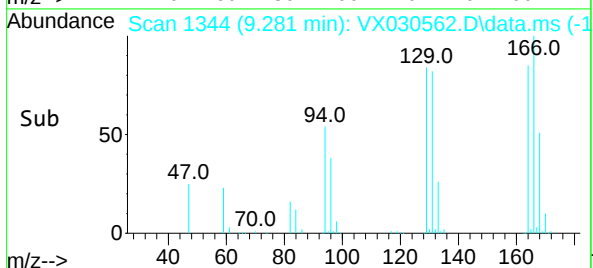
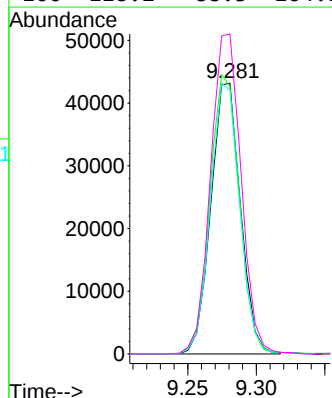
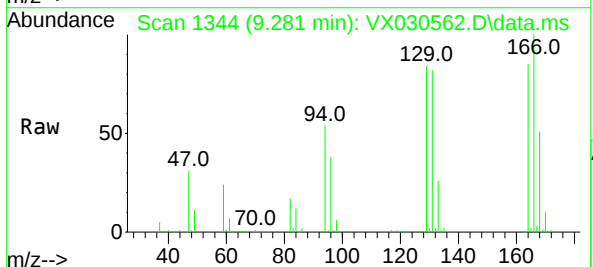
Ion Ratio Lower Upper

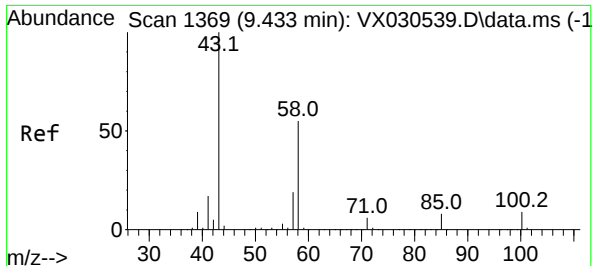
164 100

129 98.9 72.7 135.1

131 97.3 69.9 129.9

166 118.2 88.3 164.1





#48

2-Hexanone

Concen: 126.872 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX030562.D

Acq: 10 Aug 2022 19:06

Instrument :

MSVOA_X

ClientSampleId :

VSTD050776

Tgt Ion: 43 Resp: 315816

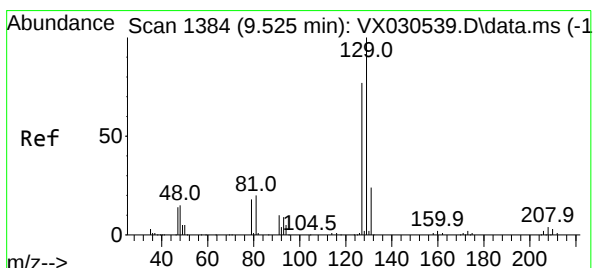
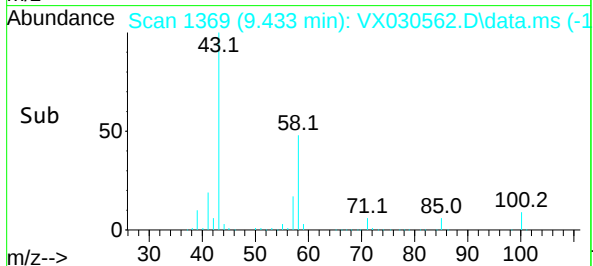
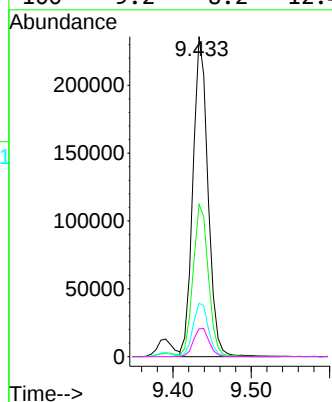
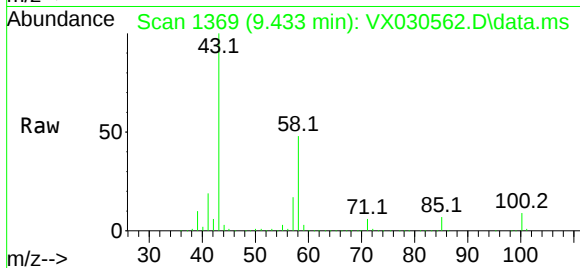
Ion Ratio Lower Upper

43 100

58 48.2 40.4 60.6

57 17.0 14.6 22.0

100 9.2 8.2 12.4



#49

Dibromochloromethane

Concen: 57.466 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX030562.D

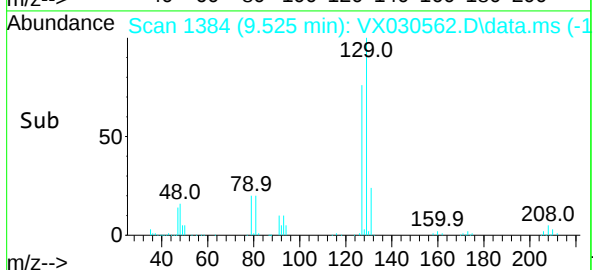
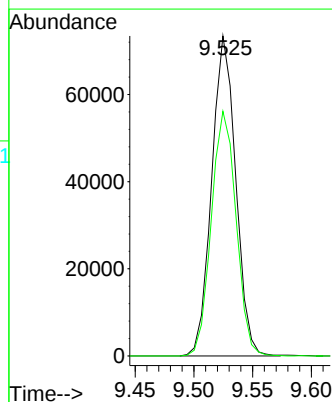
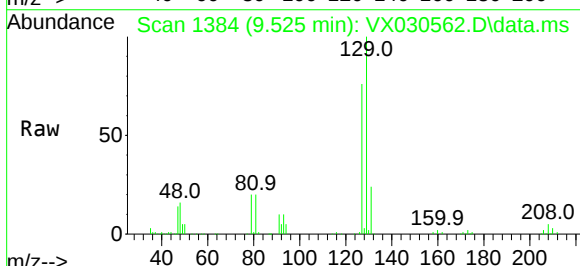
Acq: 10 Aug 2022 19:06

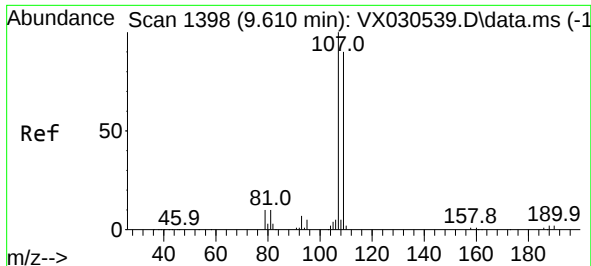
Tgt Ion: 129 Resp: 104586

Ion Ratio Lower Upper

129 100

127 76.5 55.6 103.2





#50

1,2-Dibromoethane

Concen: 56.227 ug/L

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX030562.D

Acq: 10 Aug 2022 19:06

Instrument :

MSVOA_X

ClientSampleId :

VSTD050776

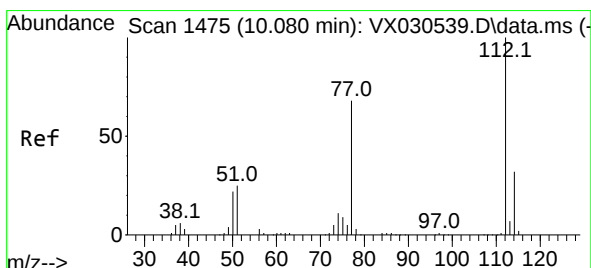
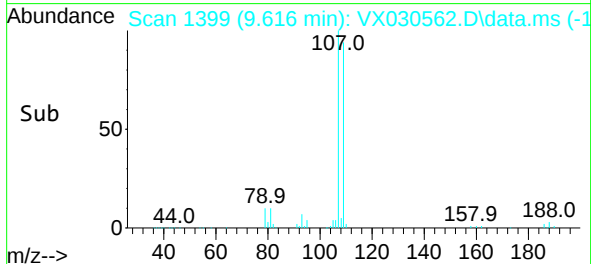
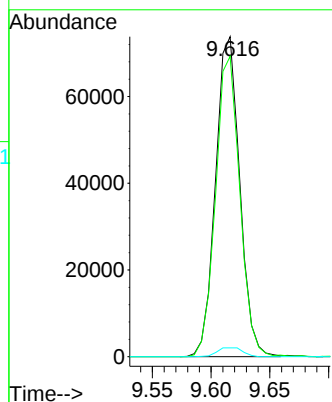
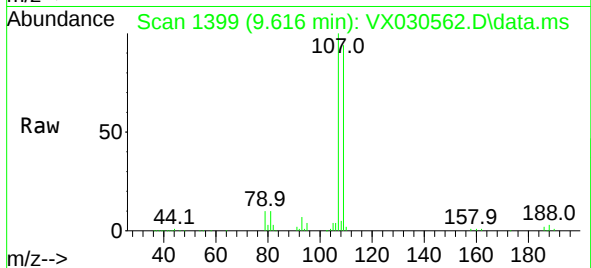
Tgt Ion:107 Resp: 105777

Ion Ratio Lower Upper

107 100

109 93.8 64.8 120.4

188 2.7 2.2 3.2



#51

Chlorobenzene

Concen: 55.493 ug/L

RT: 10.086 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VX030562.D

Acq: 10 Aug 2022 19:06

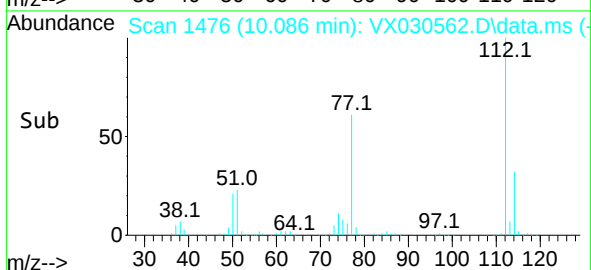
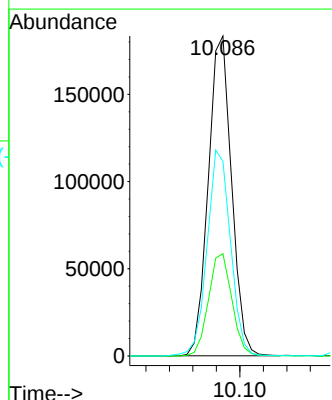
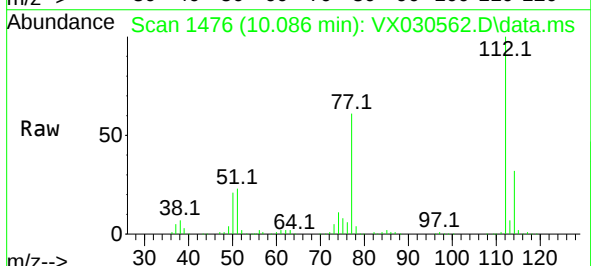
Tgt Ion:112 Resp: 252707

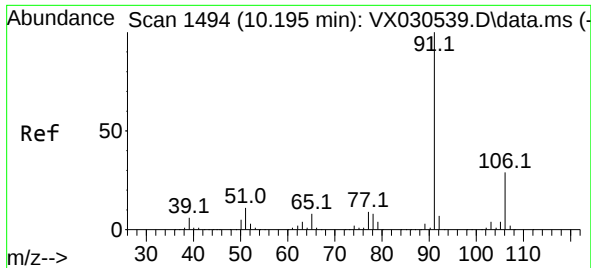
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.5

77 60.9 50.8 76.2

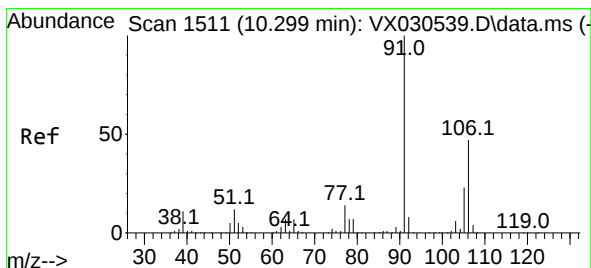
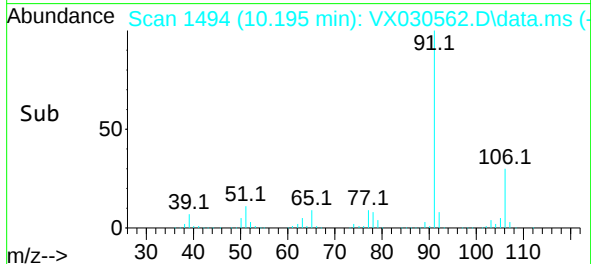
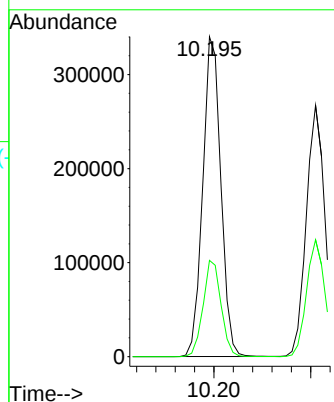
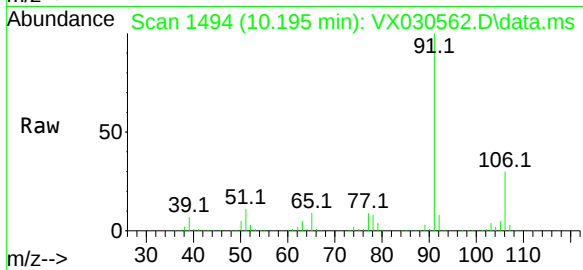




#52
Ethylbenzene
Concen: 55.586 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

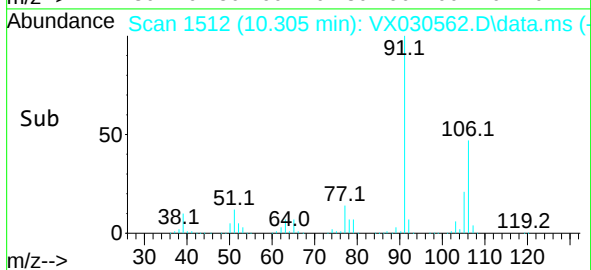
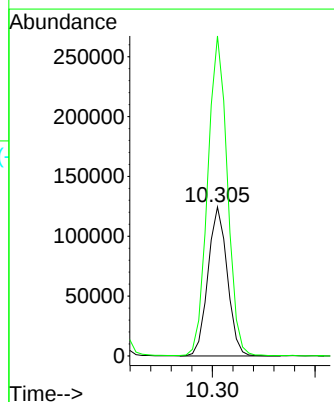
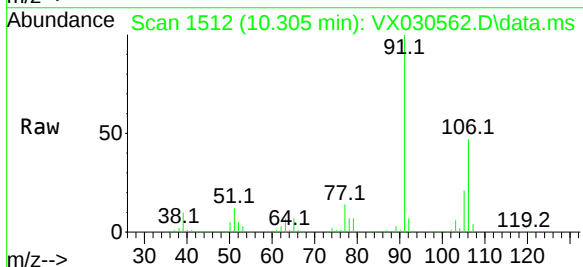
Instrument :
MSVOA_X
ClientSampleId :
VSTD050776

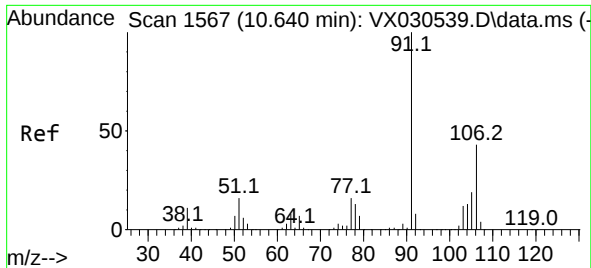
Tgt Ion: 91 Resp: 443023
Ion Ratio Lower Upper
91 100
106 30.1 21.3 39.5



#53
m,p-Xylene
Concen: 54.896 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

Tgt Ion: 106 Resp: 163076
Ion Ratio Lower Upper
106 100
91 214.8 147.8 274.6

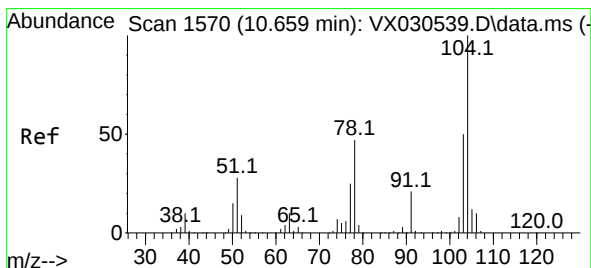
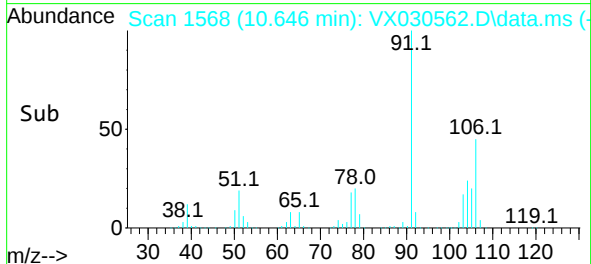
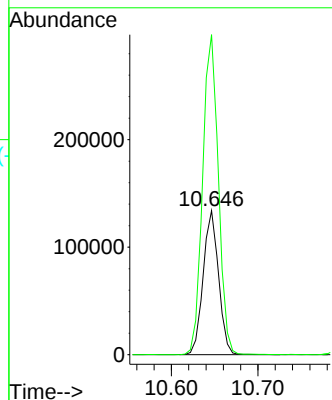
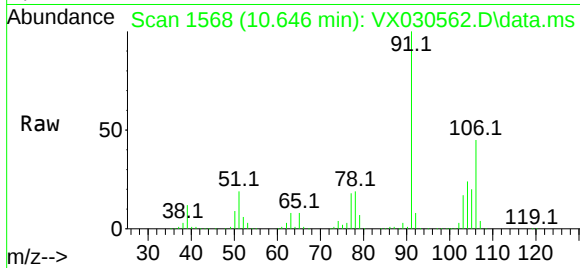




#54
o-Xylene
Concen: 55.830 ug/L
RT: 10.646 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

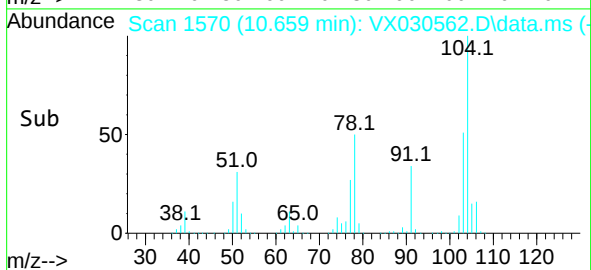
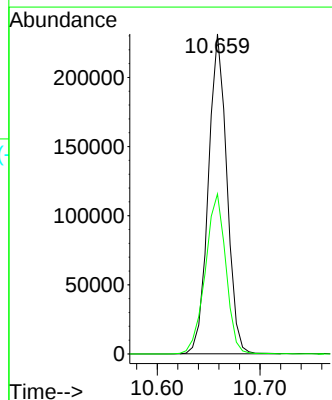
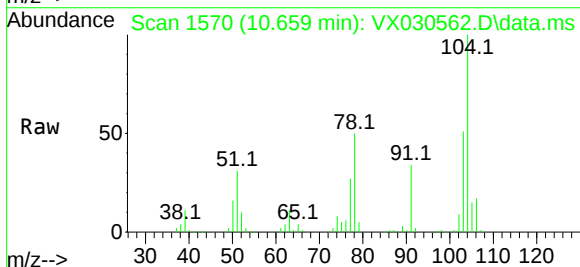
Instrument :
MSVOA_X
ClientSampleId :
VSTD050776

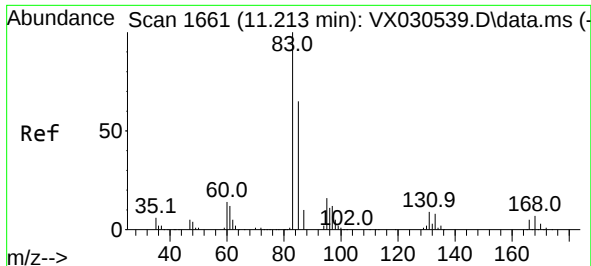
Tgt Ion:106 Resp: 165266
Ion Ratio Lower Upper
106 100
91 222.3 157.8 293.0



#55
Styrene
Concen: 57.819 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

Tgt Ion:104 Resp: 288183
Ion Ratio Lower Upper
104 100
78 50.0 33.2 61.7

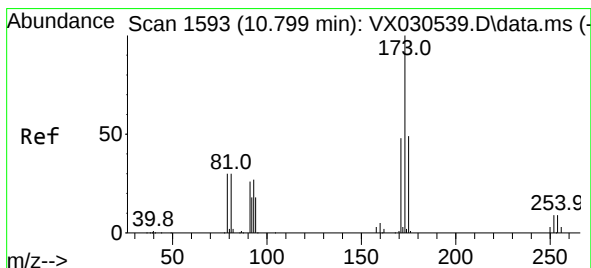
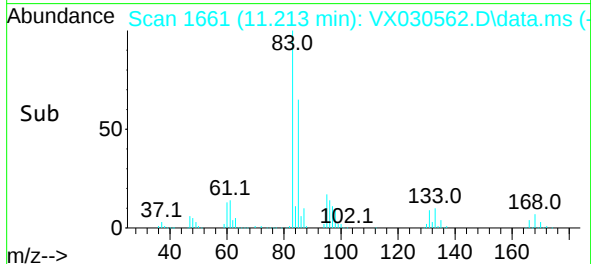
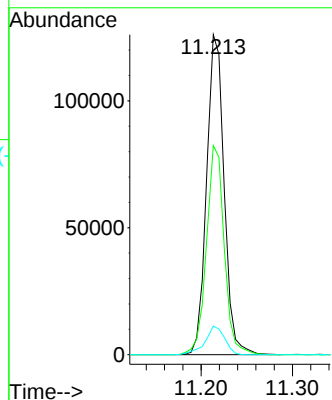
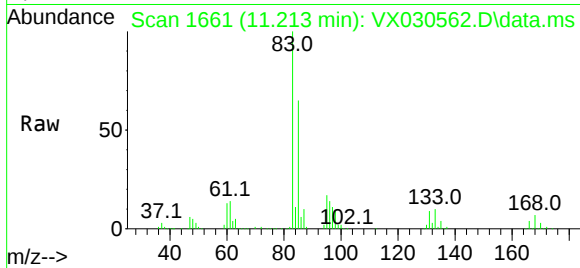




#57
1,1,2,2-Tetrachloroethane
Concen: 64.502 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

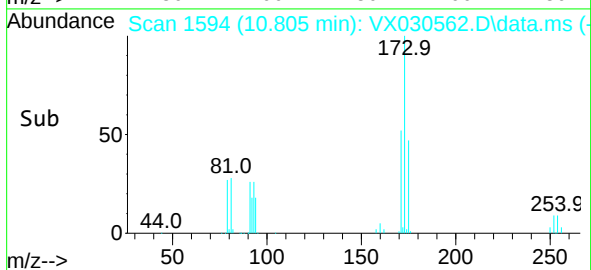
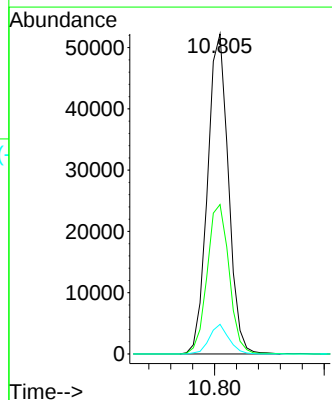
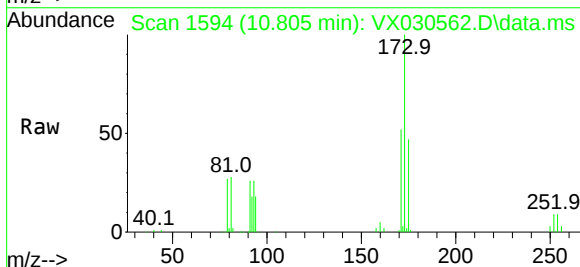
Instrument :
MSVOA_X
ClientSampleId :
VSTD050776

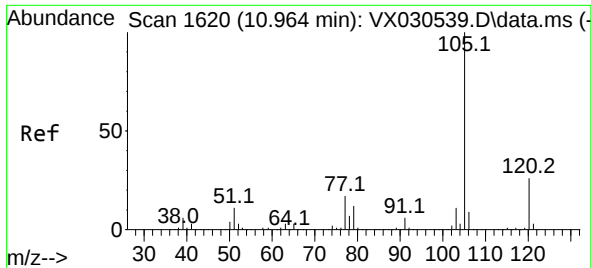
Tgt Ion: 83 Resp: 167894
Ion Ratio Lower Upper
83 100
85 65.3 44.4 82.4
131 8.9 7.5 11.3



#59
Bromoform
Concen: 58.976 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

Tgt Ion: 173 Resp: 68914
Ion Ratio Lower Upper
173 100
175 49.1 38.9 58.3
254 8.7 7.0 10.4

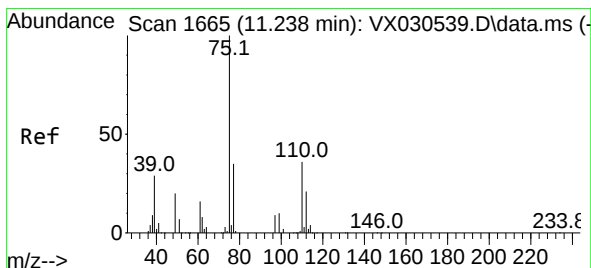
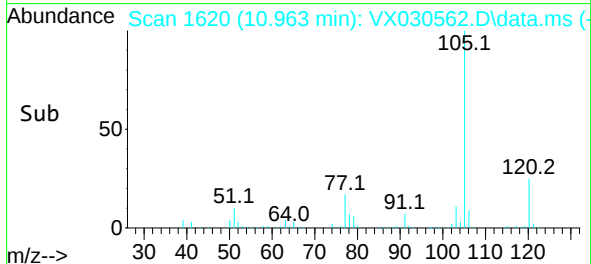
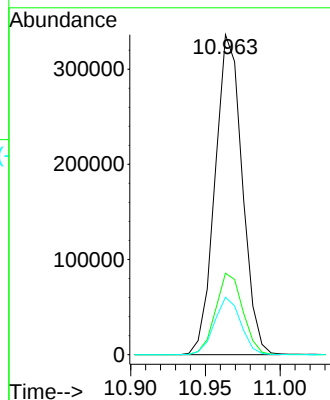
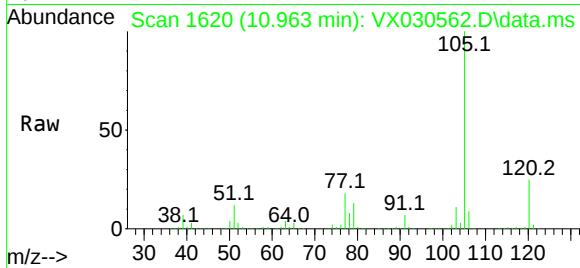




#60
Isopropylbenzene
Concen: 55.923 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

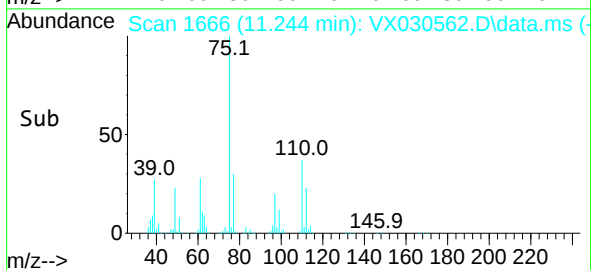
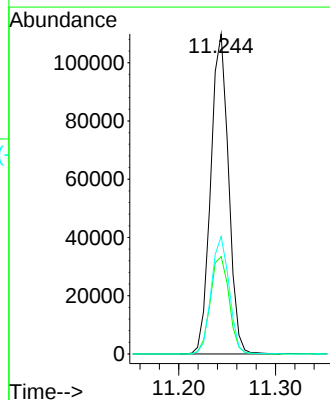
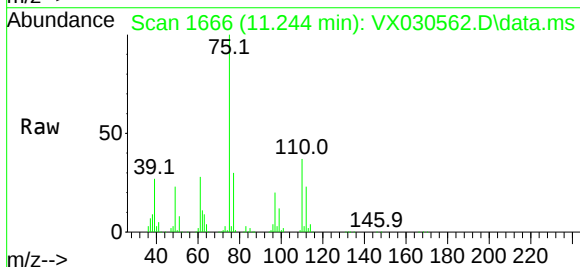
Instrument :
MSVOA_X
ClientSampleId :
VSTD050776

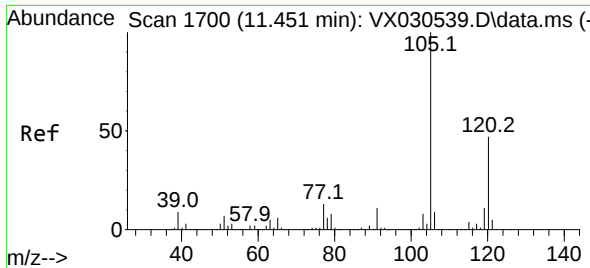
Tgt Ion:105 Resp: 425356
Ion Ratio Lower Upper
105 100
120 25.5 20.6 31.0
77 17.3 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 61.104 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

Tgt Ion: 75 Resp: 140810
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1
110 36.7 30.5 45.7

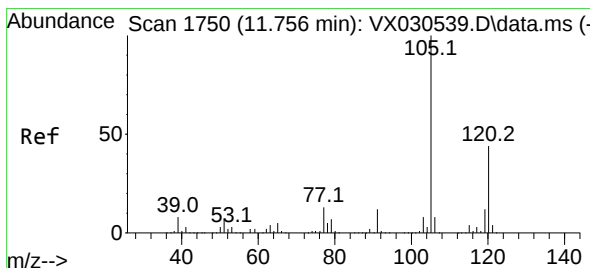
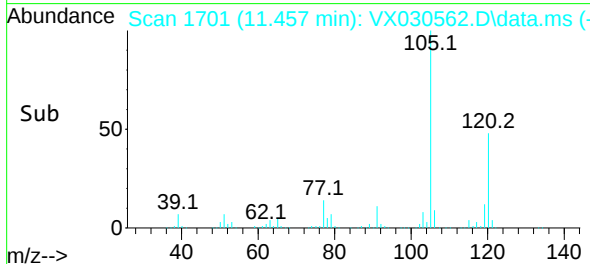
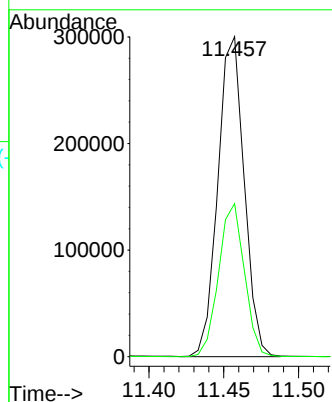
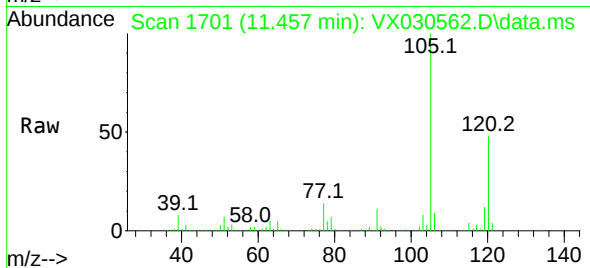




#62
 1,3,5-Trimethylbenzene
 Concen: 56.657 ug/L
 RT: 11.457 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX030562.D
 Acq: 10 Aug 2022 19:06

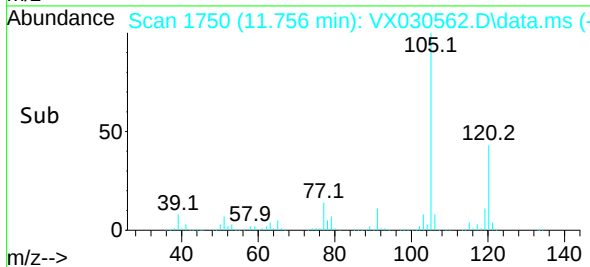
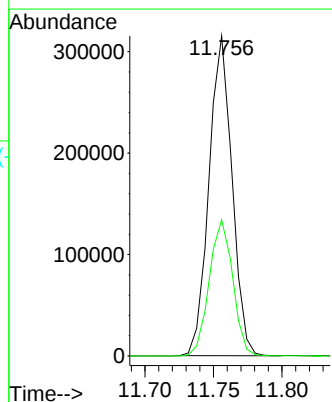
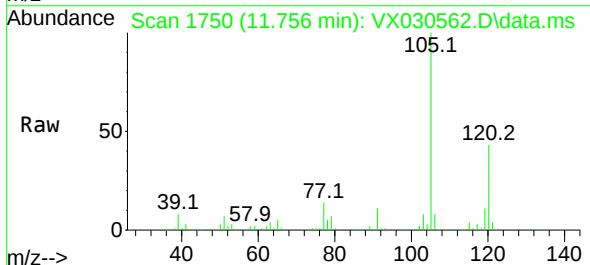
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050776

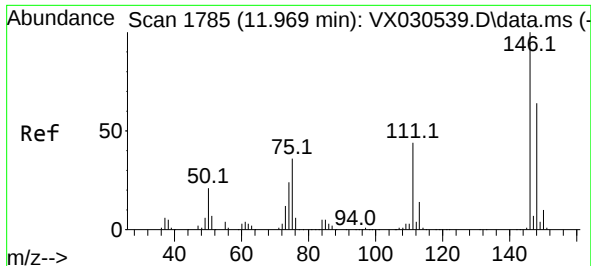
Tgt Ion:105 Resp: 367909
 Ion Ratio Lower Upper
 105 100
 120 46.9 37.2 55.8



#63
 1,2,4-Trimethylbenzene
 Concen: 56.181 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX030562.D
 Acq: 10 Aug 2022 19:06

Tgt Ion:105 Resp: 368421
 Ion Ratio Lower Upper
 105 100
 120 43.3 35.9 53.9

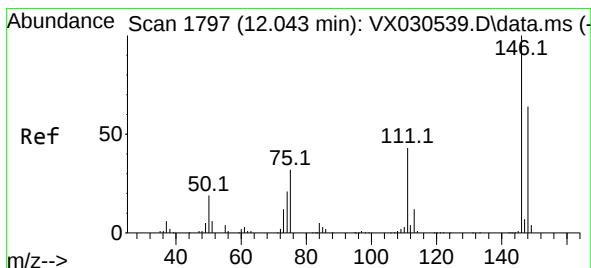
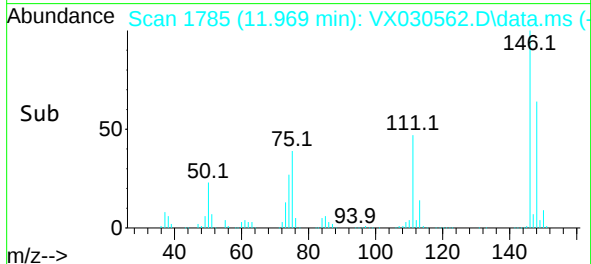
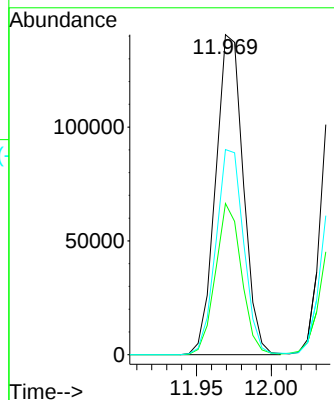
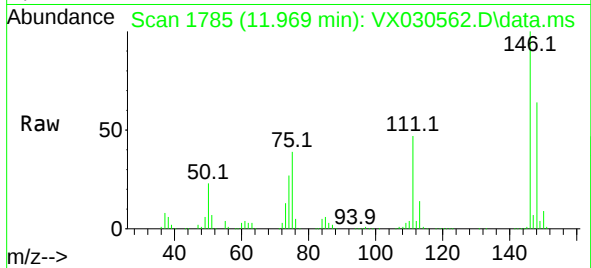




#64
1,3-Dichlorobenzene
Concen: 54.745 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

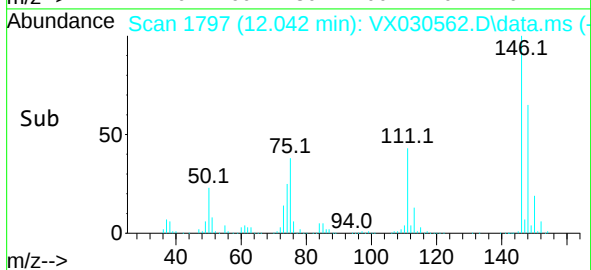
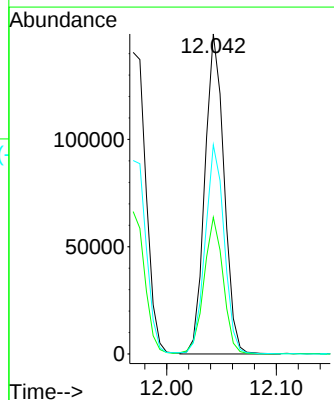
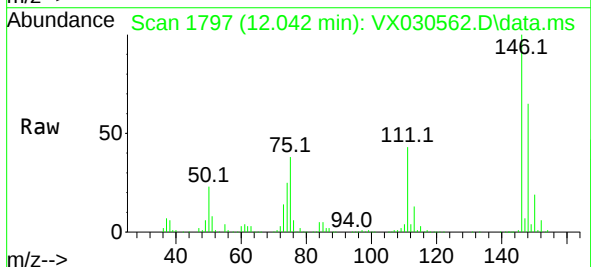
Instrument :
MSVOA_X
ClientSampleId :
VSTD050776

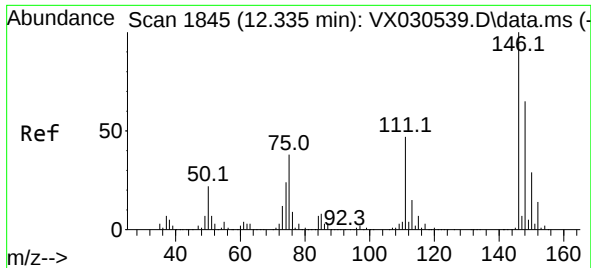
Tgt Ion:146 Resp: 181009
Ion Ratio Lower Upper
146 100
111 47.2 30.9 57.5
148 64.1 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 53.972 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

Tgt Ion:146 Resp: 181408
Ion Ratio Lower Upper
146 100
111 42.7 32.6 60.6
148 65.4 48.3 89.7





#67

1,2-Dichlorobenzene

Concen: 54.210 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX030562.D

Acq: 10 Aug 2022 19:06

Instrument :

MSVOA_X

ClientSampleId :

VSTD050776

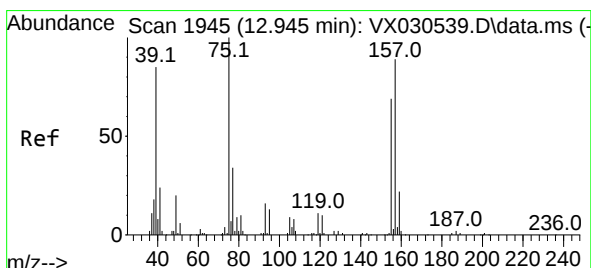
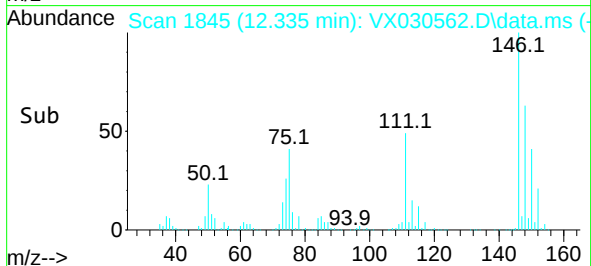
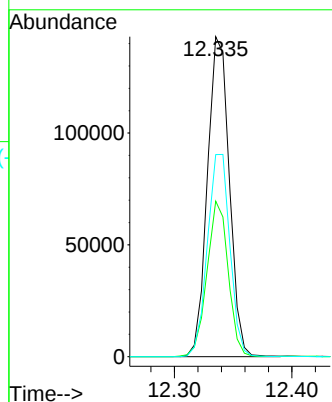
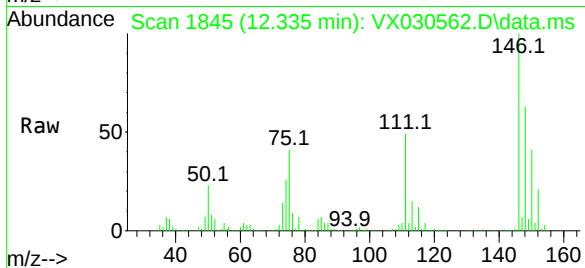
Tgt Ion:146 Resp: 185358

Ion Ratio Lower Upper

146 100

111 48.6 36.9 55.3

148 63.1 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 55.936 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX030562.D

Acq: 10 Aug 2022 19:06

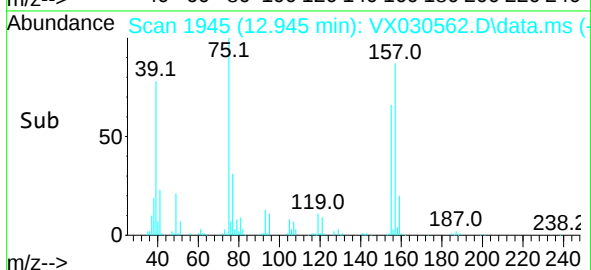
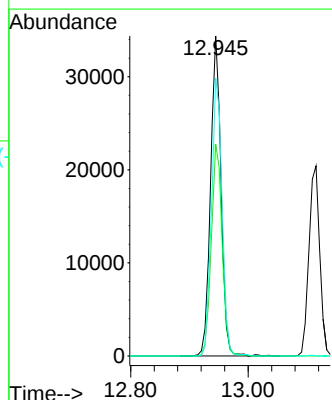
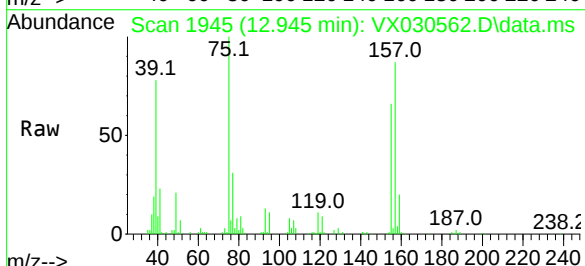
Tgt Ion: 75 Resp: 42520

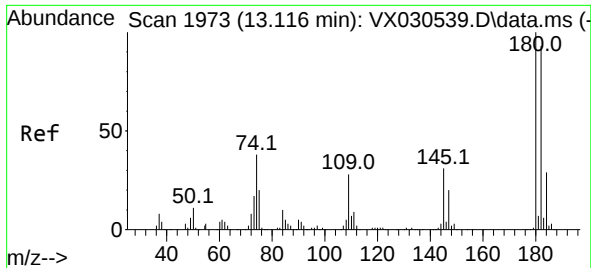
Ion Ratio Lower Upper

75 100

155 66.2 57.1 85.7

157 86.9 73.1 109.7

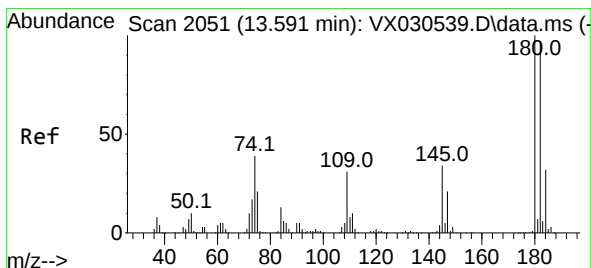
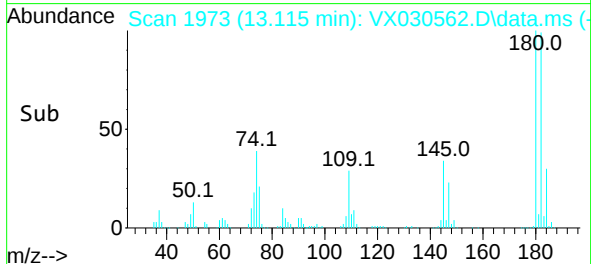
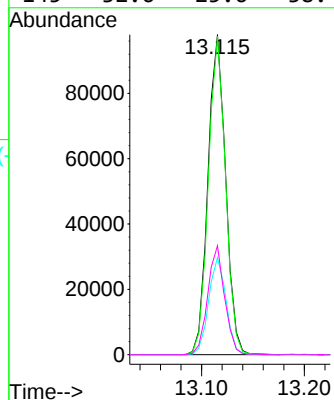
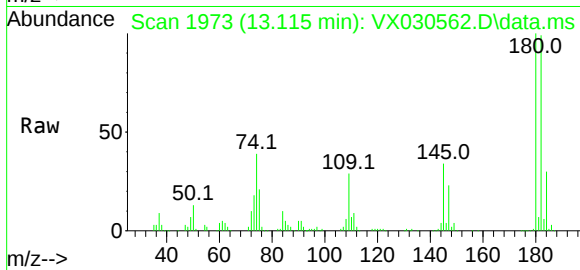




#69
 1,3,5-Trichlorobenzene
 Concen: 50.501 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. -0.000 min
 Lab File: VX030562.D
 Acq: 10 Aug 2022 19:06

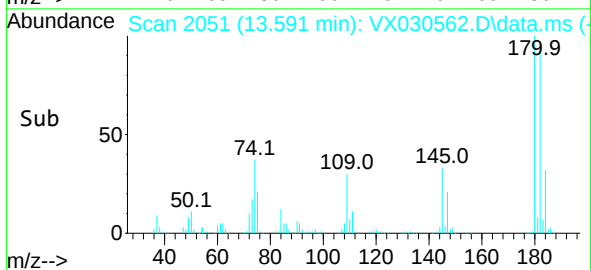
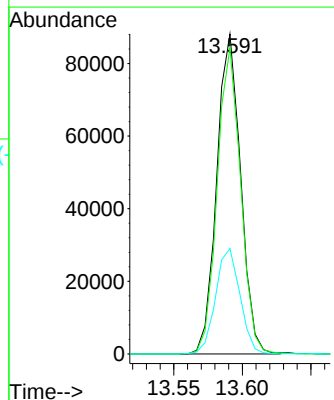
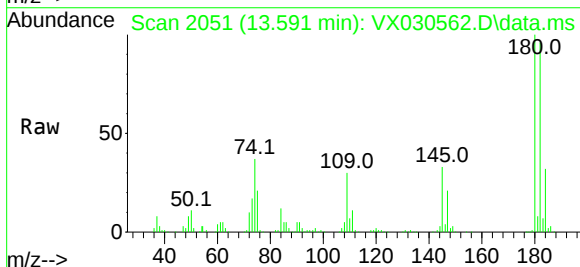
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050776

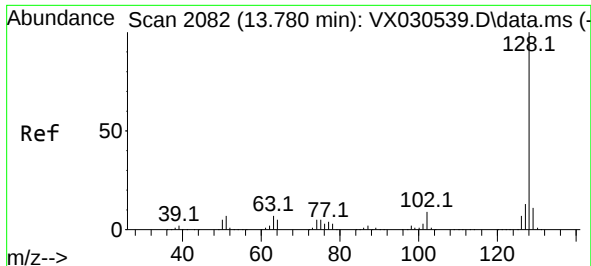
Tgt Ion:180 Resp: 117098
 Ion Ratio Lower Upper
 180 100
 182 96.6 73.7 110.5
 184 29.9 24.1 36.1
 145 32.6 25.6 38.4



#70
 1,2,4-trichlorobenzene
 Concen: 52.372 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX030562.D
 Acq: 10 Aug 2022 19:06

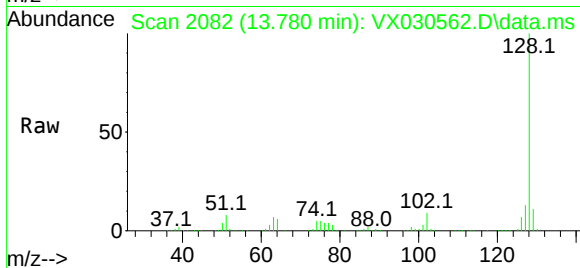
Tgt Ion:180 Resp: 106650
 Ion Ratio Lower Upper
 180 100
 182 93.9 72.7 109.1
 145 33.6 26.6 40.0



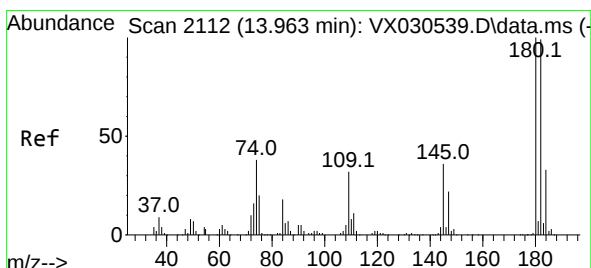
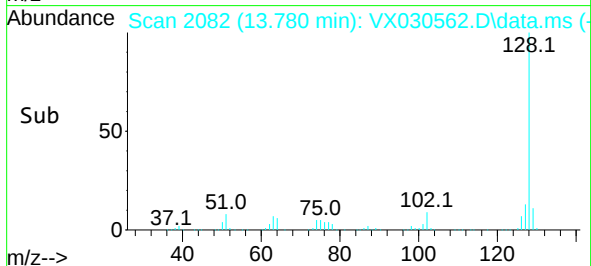
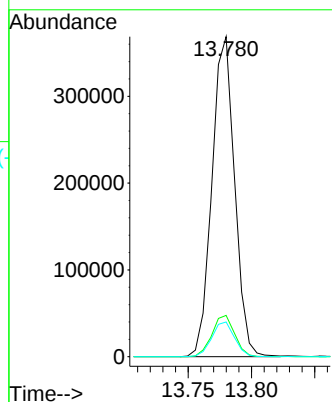


#71
Naphthalene
Concen: 54.421 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

Instrument :
MSVOA_X
ClientSampleId :
VSTD050776



Tgt Ion:	128	Resp:	458739
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 52.313 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030562.D
Acq: 10 Aug 2022 19:06

Tgt Ion:	180	Resp:	112527
Ion	Ratio	Lower	Upper
180	100		
182	95.6	74.6	112.0
145	37.1	28.4	42.6

