

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081022\
 Data File : VW027273.D
 Acq On : 10 Aug 2022 21:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050335

Quant Time: Aug 11 03:55:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 02:29:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.764	114	325	50.000	ug/L	0.16
28) Chlorobenzene-d5	8.850	117	352278	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	191424	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	120731	54486.880	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 108973.760%#		
7) Chloroethane-d5	1.555	69	93979	58016.695	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 116033.380%#		
11) 1,1-Dichloroethene-d2	2.101	63	219549	54169.698	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 108339.400%#		
21) 2-Butanone-d5	3.870	46	189195	95925.275	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 95925.280%#		
24) Chloroform-d	4.342	84	235340	51850.965	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 103701.940%#		
26) 1,2-Dichloroethane-d4	5.027	65	146615	52027.820	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 104055.640%#		
32) Benzene-d6	5.043	84	450627	53.342	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 106.680%		
36) 1,2-Dichloropropane-d6	6.066	67	147139	48.964	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 97.920%		
41) Toluene-d8	7.313	98	422081	58.616	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 117.240%		
43) trans-1,3-Dichloroprop...	7.619	79	65128	49.722	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 99.440%		
47) 2-Hexanone-d5	8.085	63	133366	92.145	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 92.140%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	218194	44.555	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 89.120%		
66) 1,2-Dichlorobenzene-d4	11.622	152	153007	46.286	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 92.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	124213	42962.961	ug/L	99
3) Chloromethane	1.236	50	158428	47966.449	ug/L	98
5) Vinyl chloride	1.307	62	150143	45631.966	ug/L	99
6) Bromomethane	1.507	94	67860	43749.384	ug/L	97
8) Chloroethane	1.574	64	89924	49057.693	ug/L	100
9) Trichlorofluoromethane	1.744	101	198892	47111.045	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	102016	43577.985	ug/L	97
12) 1,1-Dichloroethene	2.111	96	105968	47056.539	ug/L	88
13) Acetone	2.156	43	152274	100125.941	ug/L	89
14) Carbon disulfide	2.285	76	355284	46355.736	ug/L	100
15) Methyl Acetate	2.423	43	180795	52266.831	ug/L #	84
16) Methylene chloride	2.500	84	156439	52006.751	ug/L	86
17) trans-1,2-Dichloroethene	2.751	96	125802	50481.933	ug/L	91
18) Methyl tert-butyl Ether	2.870	73	12690	1712.181	ug/L	93
19) 1,1-Dichloroethane	3.182	63	261691	52310.473	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	141464	54645.610	ug/L	86
22) 2-Butanone	3.953	43	245954	117963.333	ug/L	99
23) Bromochloromethane	4.243	128	76614	52997.374	ug/L	88
25) Chloroform	4.368	83	268324	53073.744	ug/L	99

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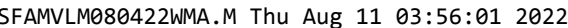
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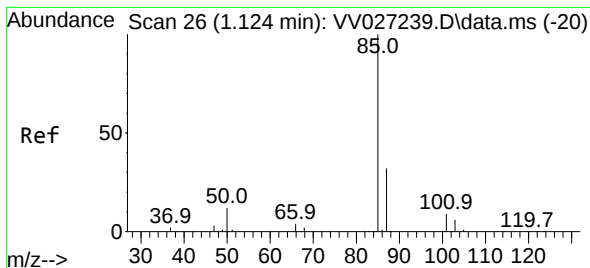
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	205004	52064.646	ug/L	97
29) Cyclohexane	4.670	56	178834	44.079	ug/L	93
30) 1,1,1-Trichloroethane	4.603	97	225138	48.217	ug/L	97
31) Carbon tetrachloride	4.822	117	189842	46.830	ug/L	100
33) Benzene	5.095	78	556853	49.189	ug/L	100
34) Trichloroethene	5.908	95	138728	47.860	ug/L	95
35) Methylcyclohexane	6.127	83	184550	43.298	ug/L	91
37) 1,2-Dichloropropane	6.169	63	160197	50.512	ug/L	99
38) Bromodichloromethane	6.506	83	204240	49.149	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	209446	49.857	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	492387	108.829	ug/L #	91
42) Toluene	7.384	91	600345	52.158	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	208271	50.449	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	153485	50.213	ug/L	97
46) Tetrachloroethene	7.973	164	101375	47.783	ug/L	98
48) 2-Hexanone	8.136	43	396813	110.122	ug/L #	90
49) Dibromochloromethane	8.243	129	158679	49.109	ug/L	94
50) 1,2-Dibromoethane	8.349	107	157685	50.135	ug/L	98
51) Chlorobenzene	8.879	112	380955	49.344	ug/L	96
52) Ethylbenzene	9.011	91	611509	51.488	ug/L	99
53) m,p-Xylene	9.136	106	238533	53.142	ug/L	97
54) o-Xylene	9.542	106	236075	53.985	ug/L	97
55) Styrene	9.558	104	430713	55.912	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	263151	51.389	ug/L	99
59) Bromoform	9.728	173	107950	47.465	ug/L	98
60) Isopropylbenzene	9.931	105	600034	49.740	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	207585	47.236	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	504582	50.649	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	509720	52.228	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	290436	49.675	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	297366	48.327	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	303870	49.603	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	59073	47.913	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	192068	48.910	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	163084	50.002	ug/L	99
71) Naphthalene	13.500	128	578836	51.829	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	188135	52.041	ug/L	98

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

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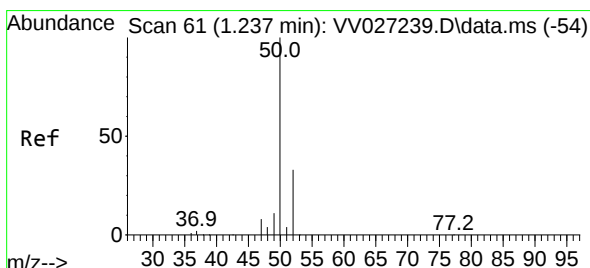
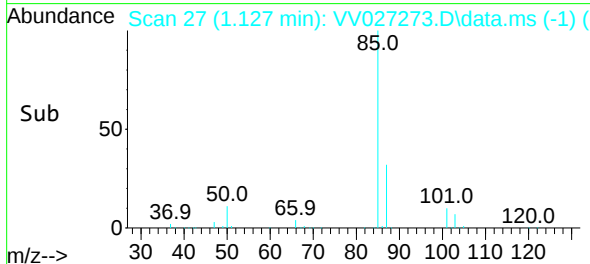
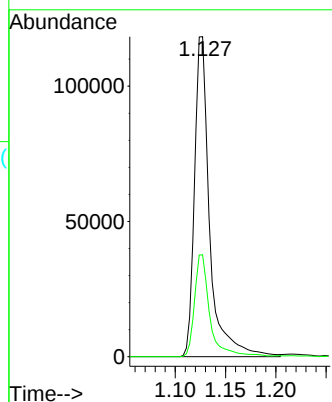
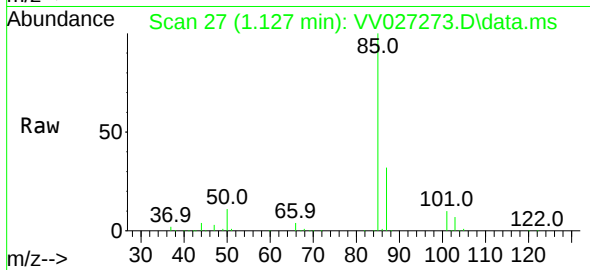




#2
 Dichlorodifluoromethane
 Concen: 42962.961 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV027273.D
 Acq: 10 Aug 2022 21:39

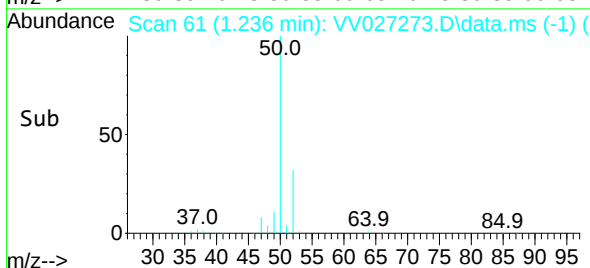
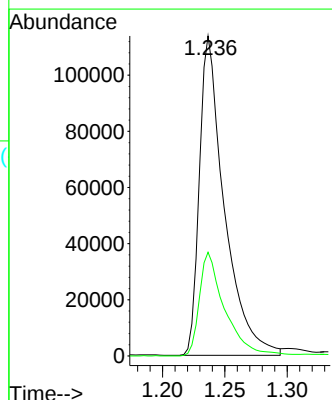
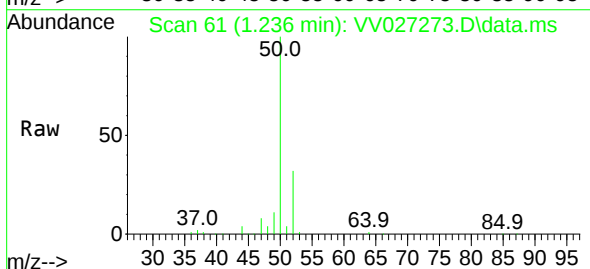
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050335

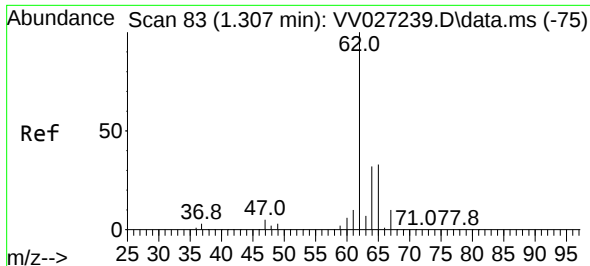
Tgt Ion: 85 Resp: 124213
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.1 39.1



#3
 Chloromethane
 Concen: 47966.449 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV027273.D
 Acq: 10 Aug 2022 21:39

Tgt Ion: 50 Resp: 158428
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.5 43.7

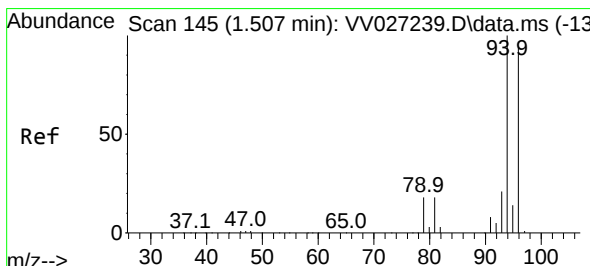
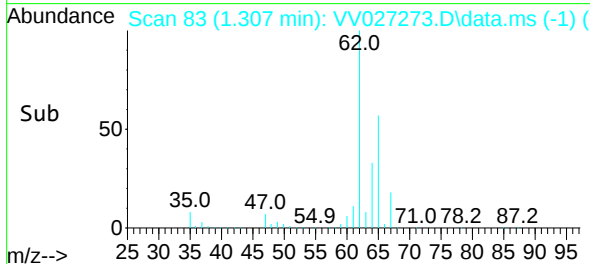
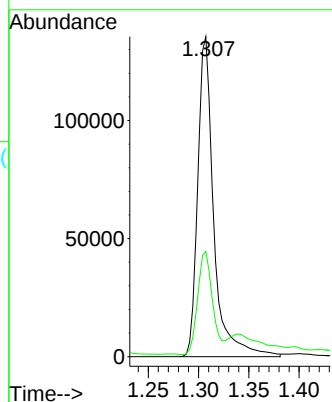
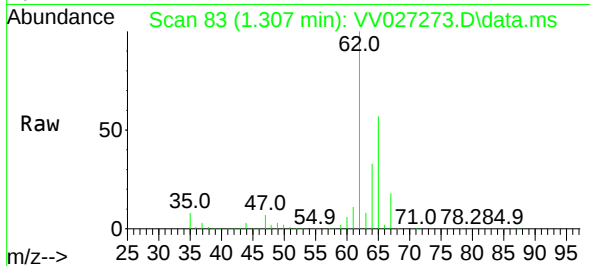




#5
 Vinyl chloride
 Concen: 45631.966 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV027273.D
 Acq: 10 Aug 2022 21:39

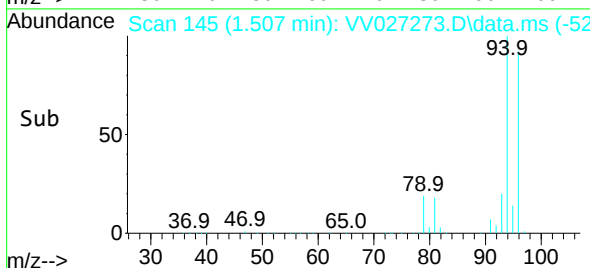
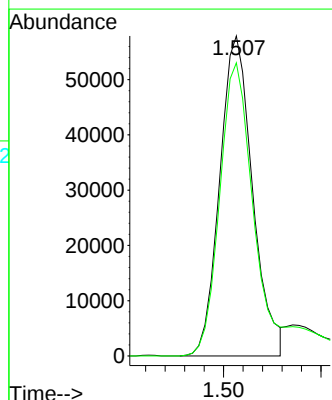
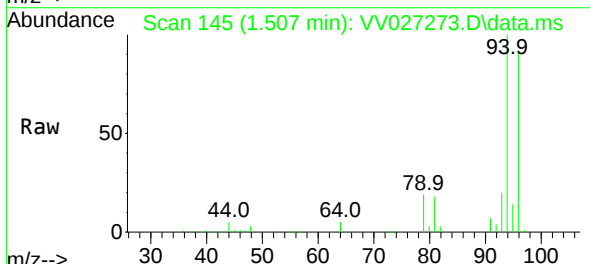
Instrument :
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 ClientSampleId :
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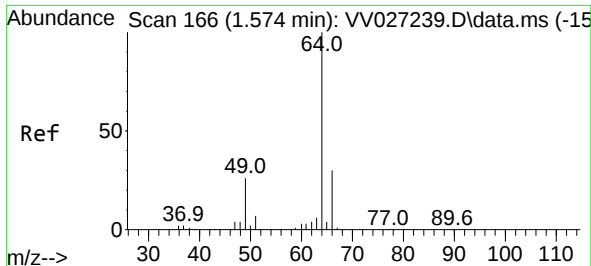
Tgt Ion: 62 Resp: 150143
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.2



#6
 Bromomethane
 Concen: 43749.384 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VV027273.D
 Acq: 10 Aug 2022 21:39

Tgt Ion: 94 Resp: 67860
 Ion Ratio Lower Upper
 94 100
 96 91.6 66.1 122.8

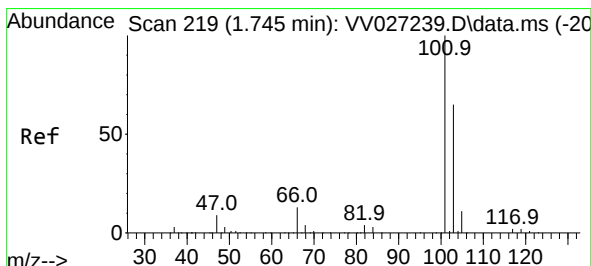
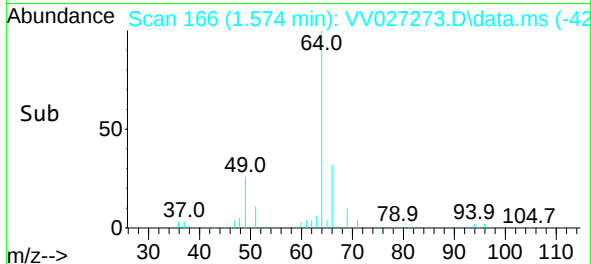
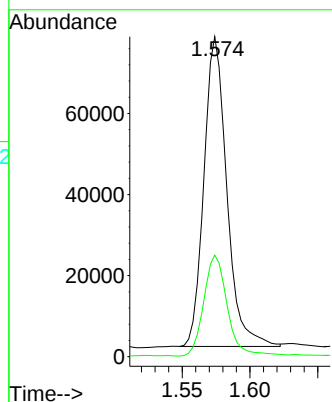
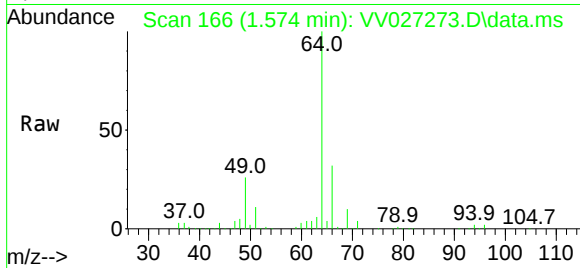




#8
Chloroethane
Concen: 49057.693 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.000 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

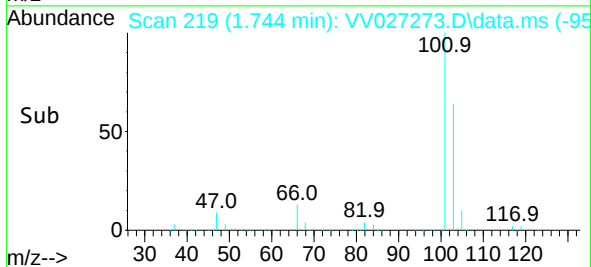
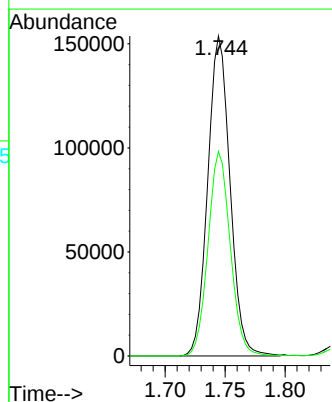
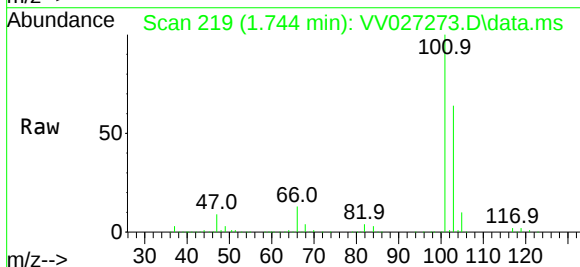
Instrument :
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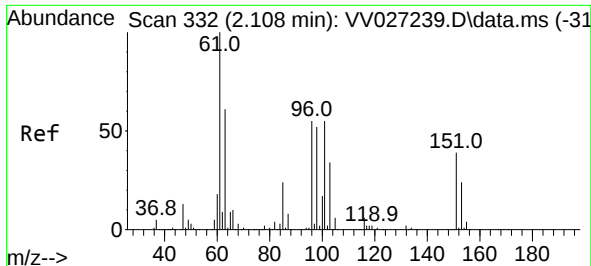
Tgt Ion: 64 Resp: 89924
Ion Ratio Lower Upper
64 100
66 31.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 47111.045 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.000 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

Tgt Ion: 101 Resp: 198892
Ion Ratio Lower Upper
101 100
103 63.8 52.4 78.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 43577.985 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV027273.D

Acq: 10 Aug 2022 21:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD050335

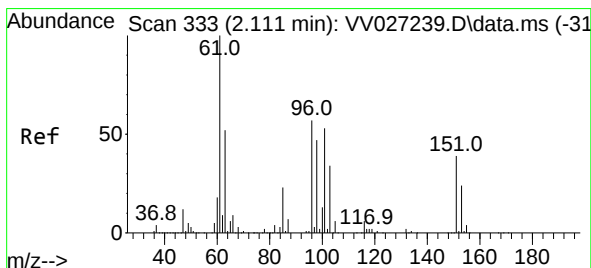
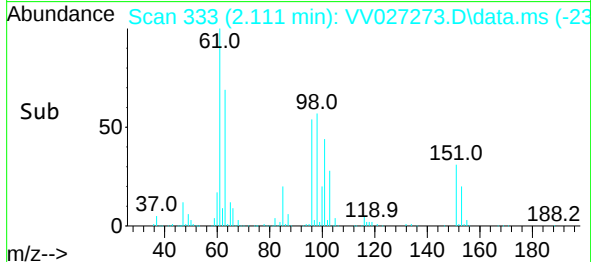
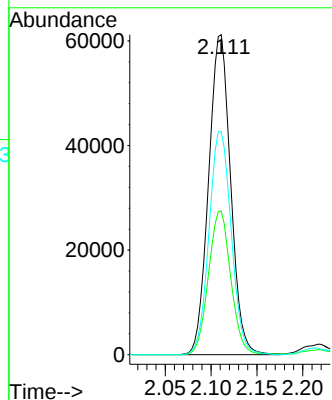
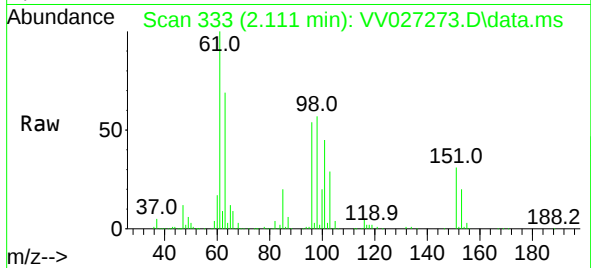
Tgt Ion:101 Resp: 102016

Ion Ratio Lower Upper

101 100

85 45.5 34.1 51.1

151 70.7 57.8 86.8



#12

1,1-Dichloroethene

Concen: 47056.539 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV027273.D

Acq: 10 Aug 2022 21:39

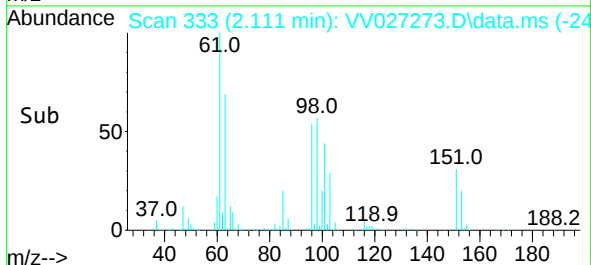
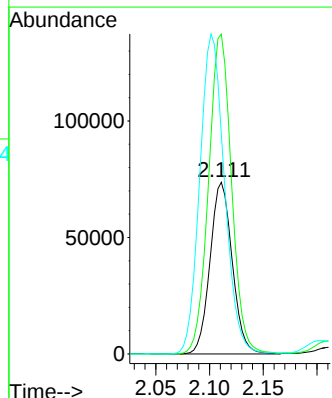
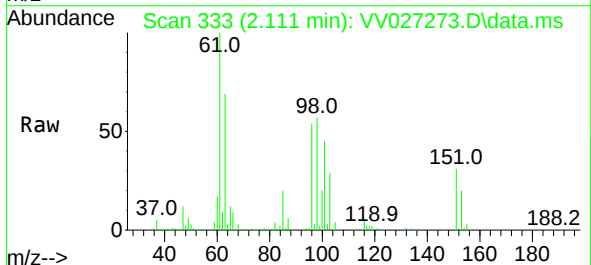
Tgt Ion: 96 Resp: 105968

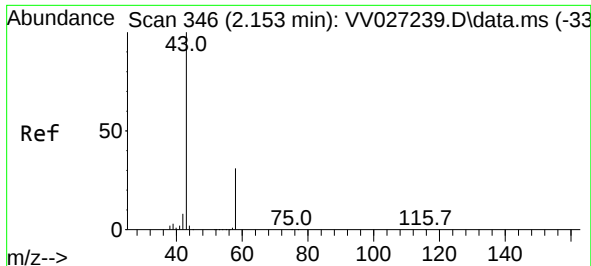
Ion Ratio Lower Upper

96 100

61 186.3 114.3 212.3

63 128.0 93.4 173.4





#13

Acetone

Concen: 100125.941 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.003 min

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Acq: 10 Aug 2022 21:39

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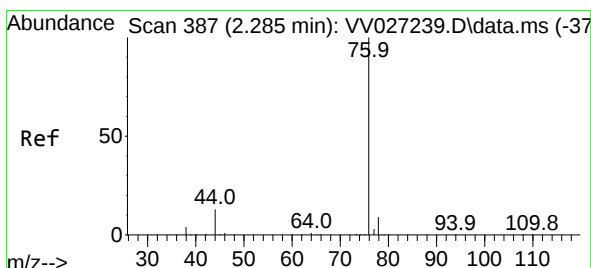
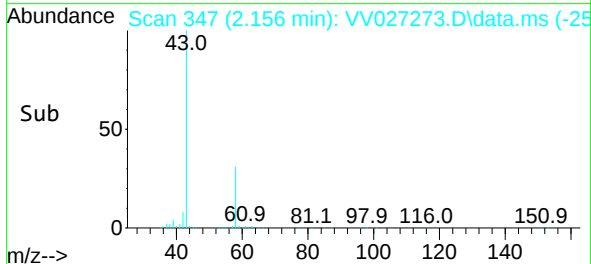
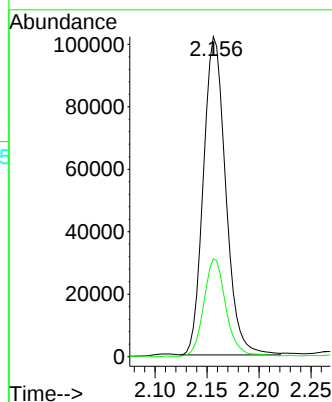
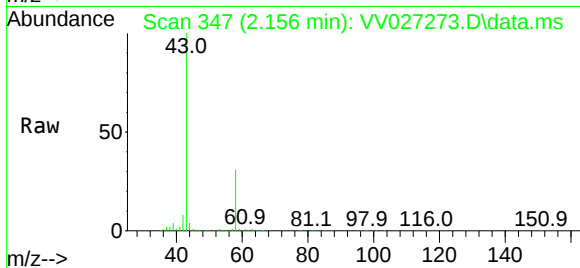
VSTD050335

Tgt Ion: 43 Resp: 152274

Ion Ratio Lower Upper

43 100

58 30.5 0.0 49.6



#14

Carbon disulfide

Concen: 46355.736 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.000 min

Lab File: VV027273.D

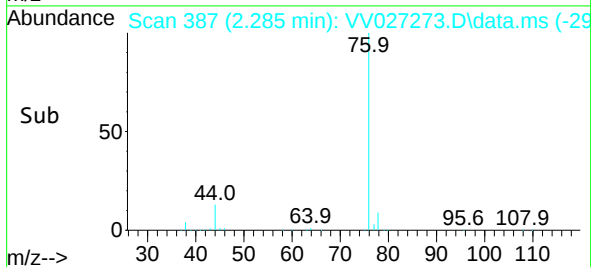
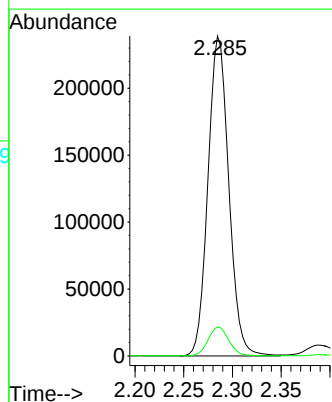
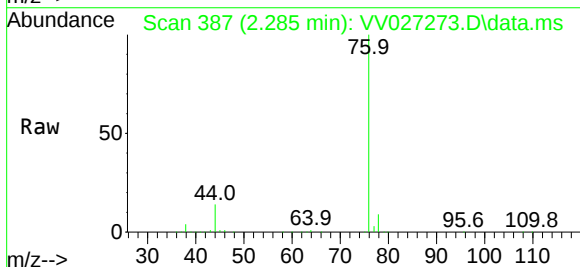
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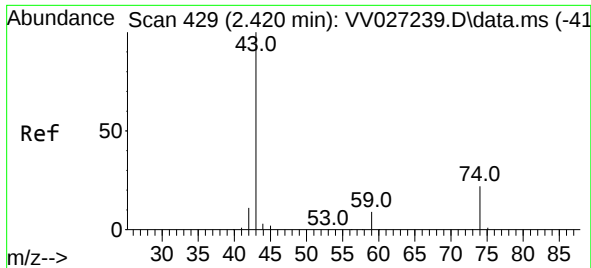
Tgt Ion: 76 Resp: 355284

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

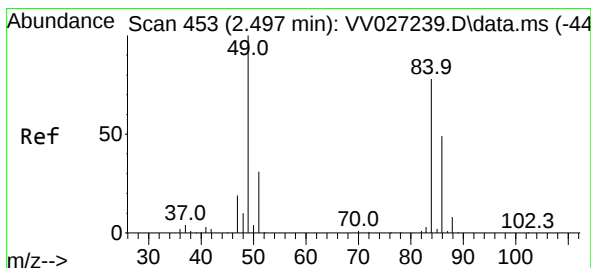
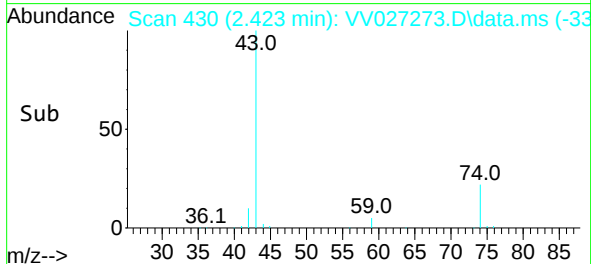
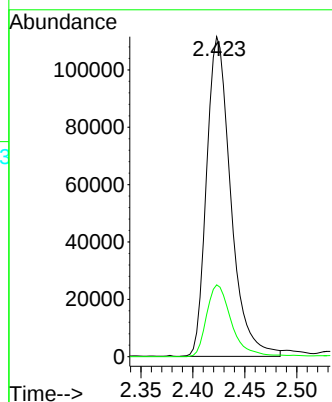
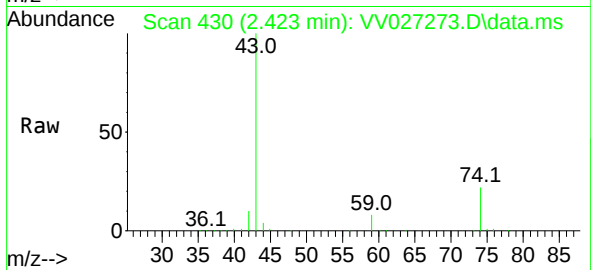




#15
Methyl Acetate
Concen: 52266.831 ug/L
RT: 2.423 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

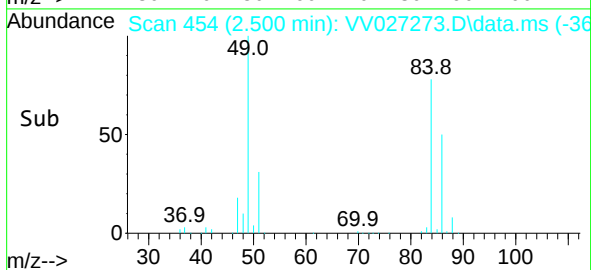
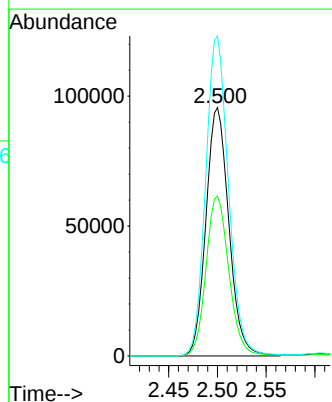
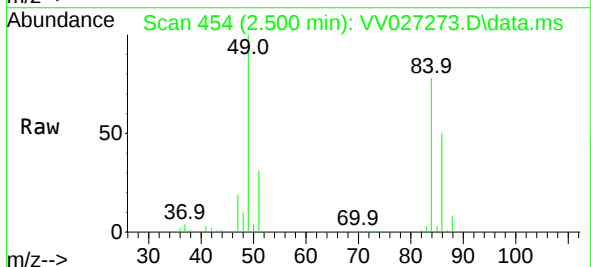
Instrument :
MSVOA_V
ClientSampleId :
VSTD050335

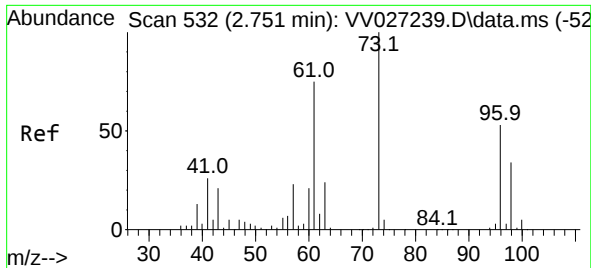
Tgt Ion: 43 Resp: 180795
Ion Ratio Lower Upper
43 100
74 22.9 25.5 38.3#



#16
Methylene chloride
Concen: 52006.751 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

Tgt Ion: 84 Resp: 156439
Ion Ratio Lower Upper
84 100
86 64.3 45.0 83.6
49 128.8 74.1 137.7

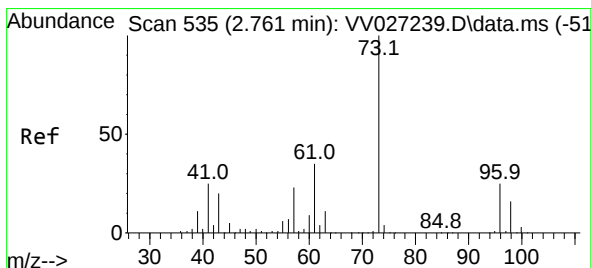
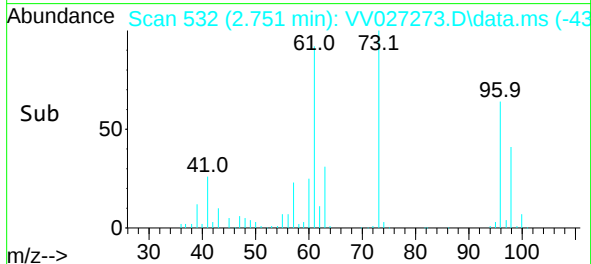
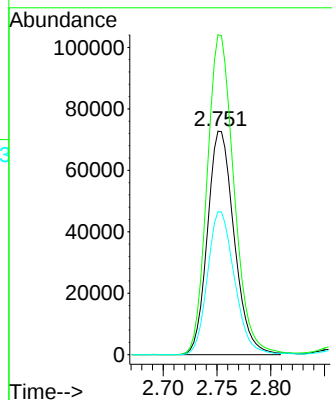
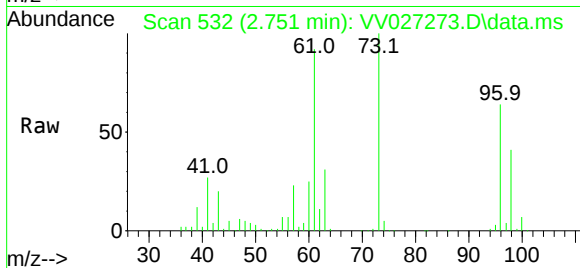




#17
trans-1,2-Dichloroethene
Concen: 50481.933 ug/L
RT: 2.751 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

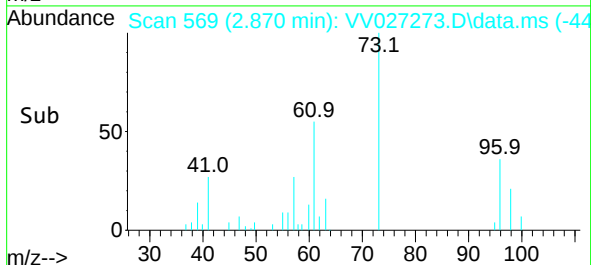
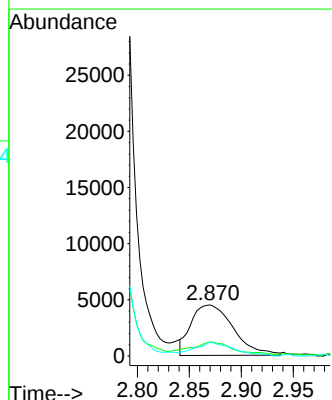
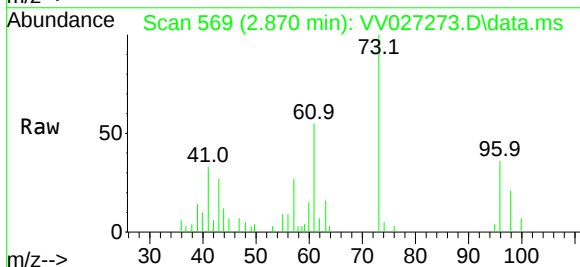
Instrument :
MSVOA_V
ClientSampleId :
VSTD050335

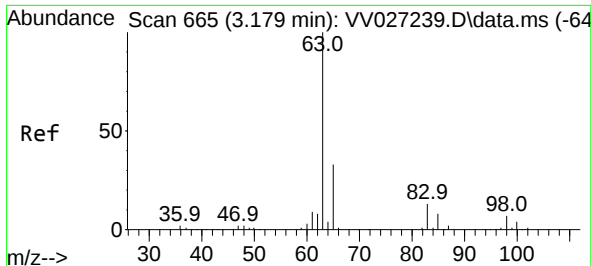
Tgt Ion: 96 Resp: 125802
Ion Ratio Lower Upper
96 100
61 143.2 89.2 165.6
98 64.0 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 1712.181 ug/L
RT: 2.870 min Scan# 569
Delta R.T. 0.109 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

Tgt Ion: 73 Resp: 12690
Ion Ratio Lower Upper
73 100
43 18.1 12.6 18.8
57 25.2 17.3 25.9





#19

1,1-Dichloroethane

Concen: 52310.473 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027273.D

Acq: 10 Aug 2022 21:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD050335

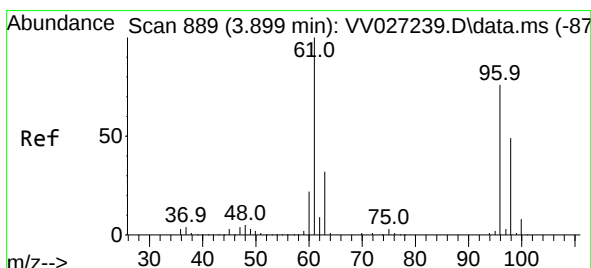
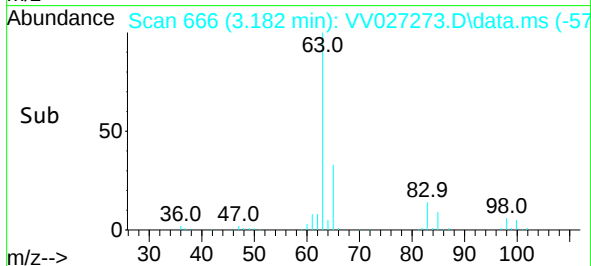
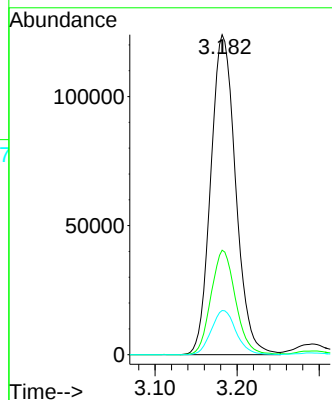
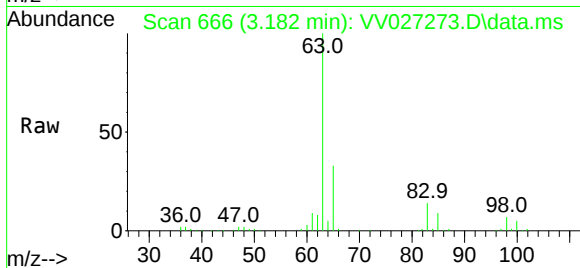
Tgt Ion: 63 Resp: 261691

Ion Ratio Lower Upper

63 100

65 32.7 22.7 42.3

83 13.8 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 54645.610 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV027273.D

Acq: 10 Aug 2022 21:39

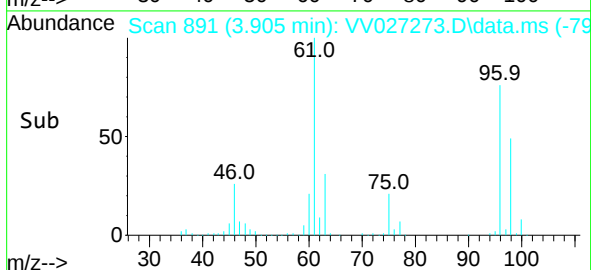
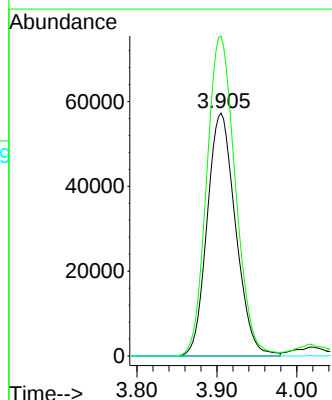
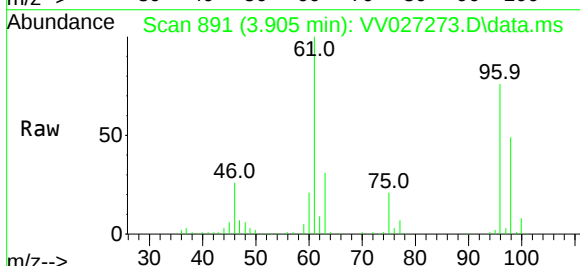
Tgt Ion: 96 Resp: 141464

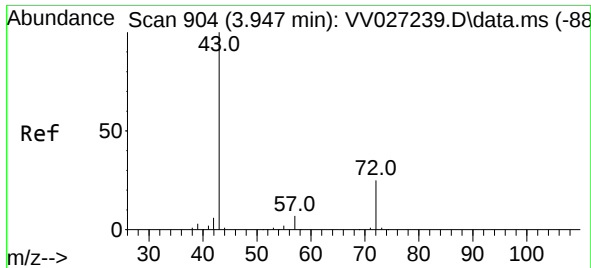
Ion Ratio Lower Upper

96 100

61 131.7 81.8 151.8

68 0.0 0.0 0.0

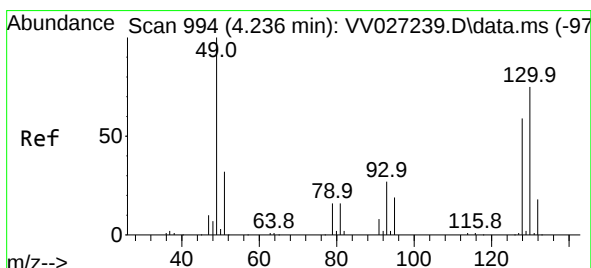
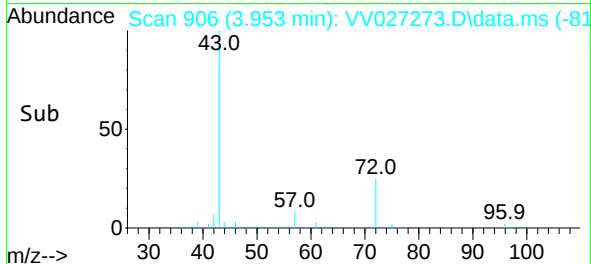
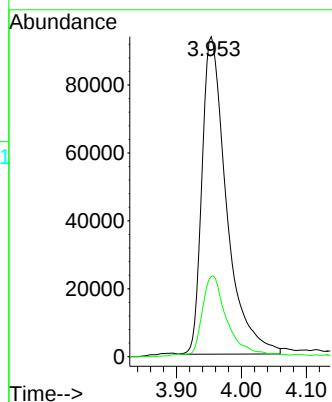
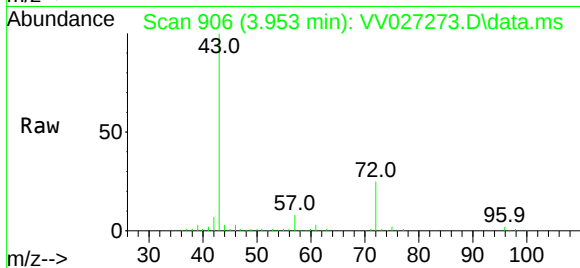




#22
2-Butanone
Concen: 117963.333 ug/L
RT: 3.953 min Scan# 904
Delta R.T. 0.006 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

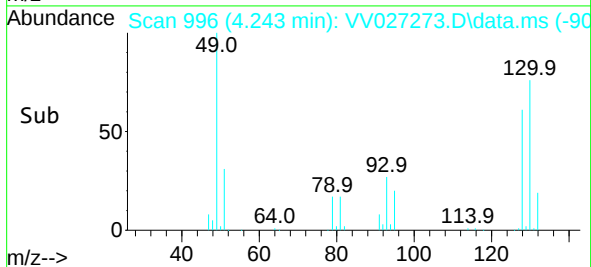
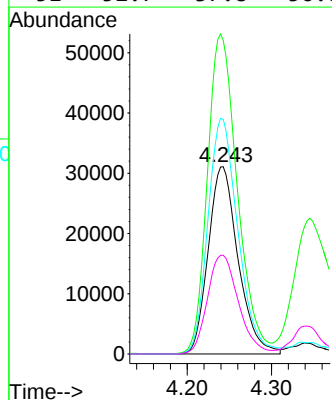
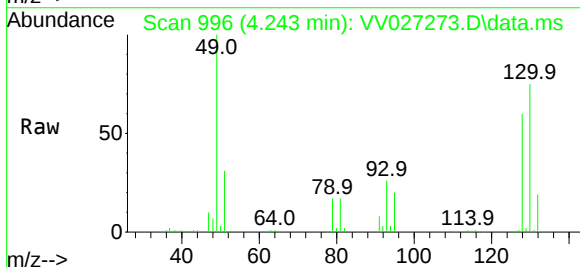
Instrument :
MSVOA_V
ClientSampleId :
VSTD050335

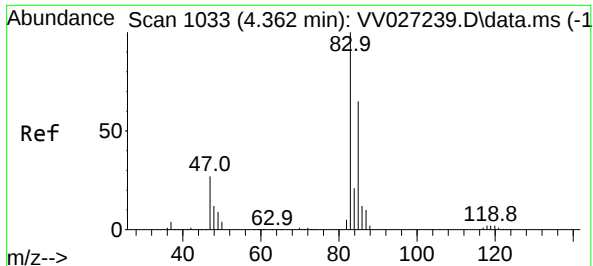
Tgt Ion: 43 Resp: 245954
Ion Ratio Lower Upper
43 100
72 24.1 11.9 35.7



#23
Bromochloromethane
Concen: 52997.374 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.006 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

Tgt Ion: 128 Resp: 76614
Ion Ratio Lower Upper
128 100
49 167.6 98.7 183.3
130 125.4 89.5 166.1
51 52.7 37.8 56.8





#25

Chloroform

Concen: 53073.744 ug/L

RT: 4.368 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VV027273.D

Acq: 10 Aug 2022 21:39

Instrument :

MSVOA_V

ClientSampleId :

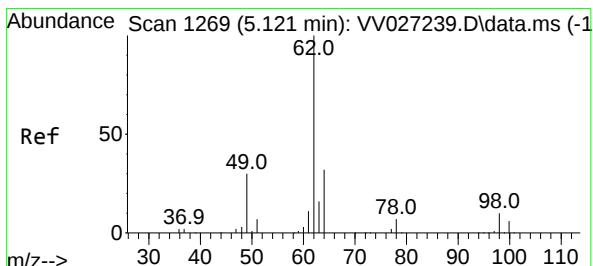
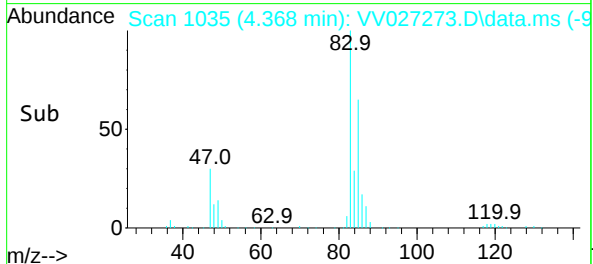
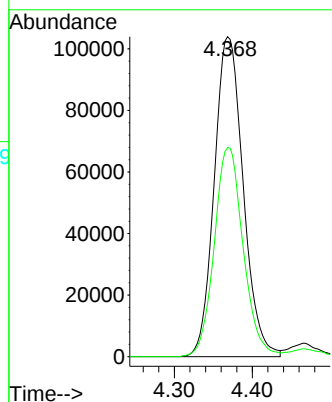
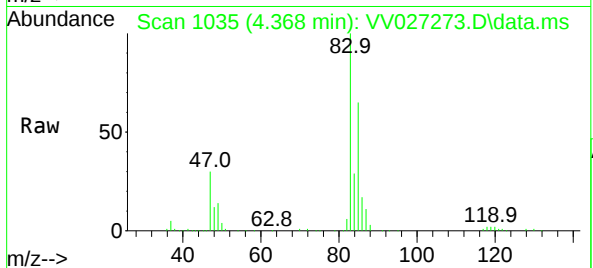
VSTD050335

Tgt Ion: 83 Resp: 268324

Ion Ratio Lower Upper

83 100

85 65.3 45.4 84.4



#27

1,2-Dichloroethane

Concen: 52064.646 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.003 min

Lab File: VV027273.D

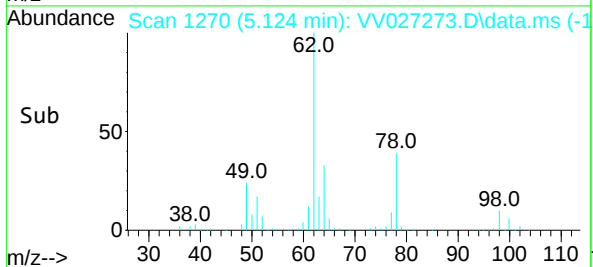
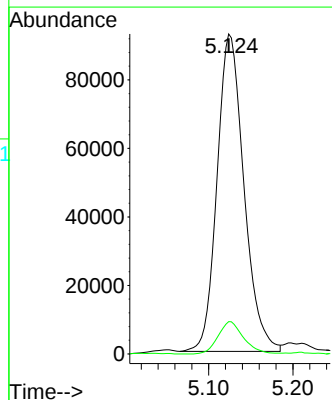
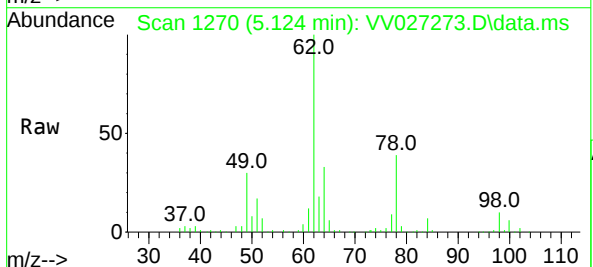
Acq: 10 Aug 2022 21:39

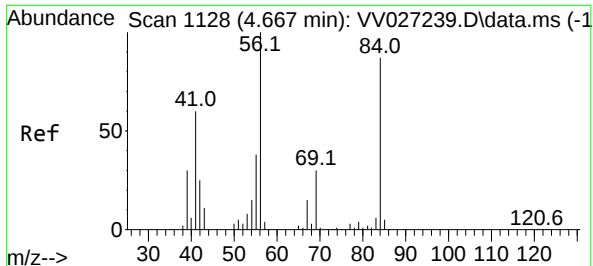
Tgt Ion: 62 Resp: 205004

Ion Ratio Lower Upper

62 100

98 10.1 9.0 13.6





#29

Cyclohexane

Concen: 44.079 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV027273.D

Acq: 10 Aug 2022 21:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD050335

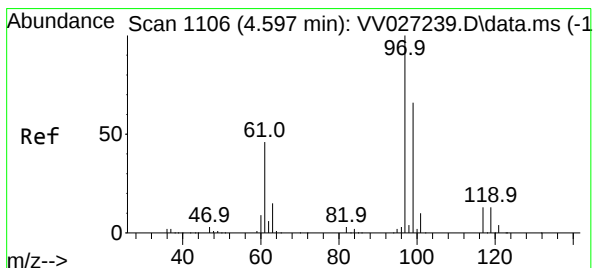
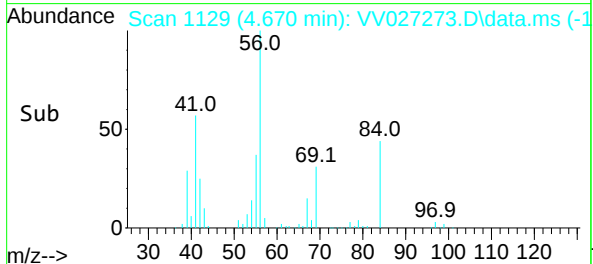
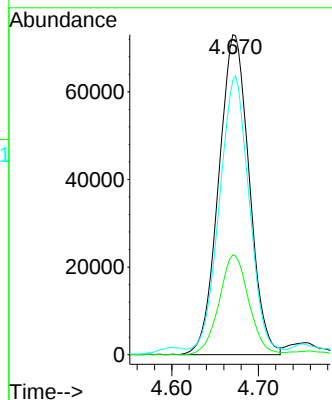
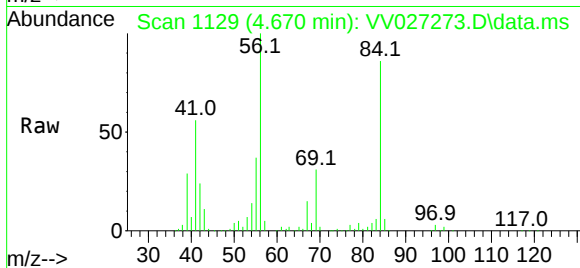
Tgt Ion: 56 Resp: 178834

Ion Ratio Lower Upper

56 100

69 30.4 25.9 38.9

84 85.8 75.3 112.9



#30

1,1,1-Trichloroethane

Concen: 48.217 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV027273.D

Acq: 10 Aug 2022 21:39

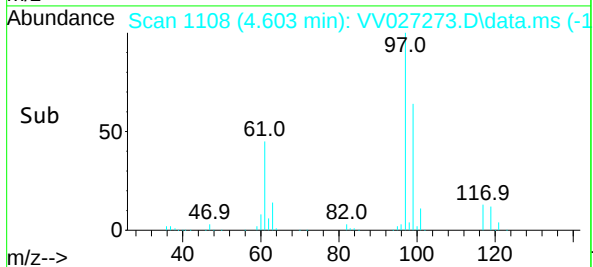
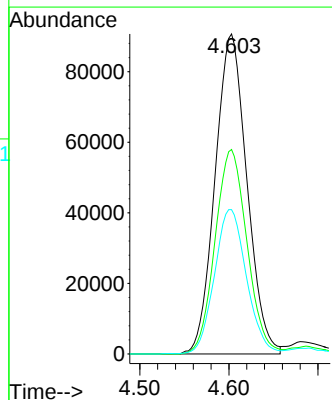
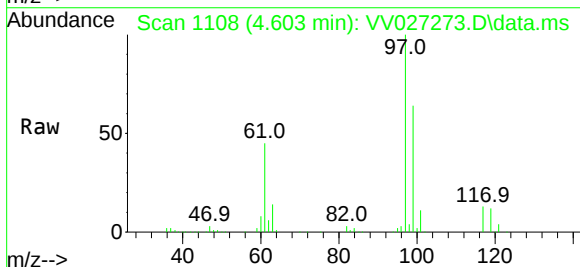
Tgt Ion: 97 Resp: 225138

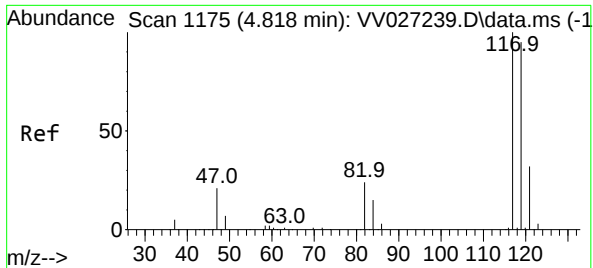
Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.2

61 45.1 32.1 48.1

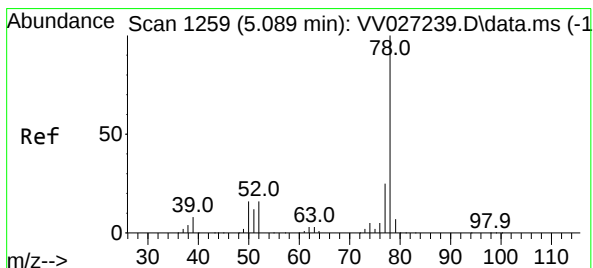
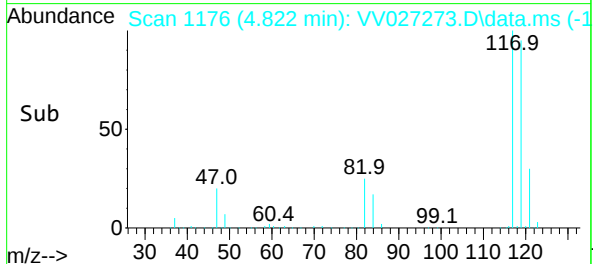
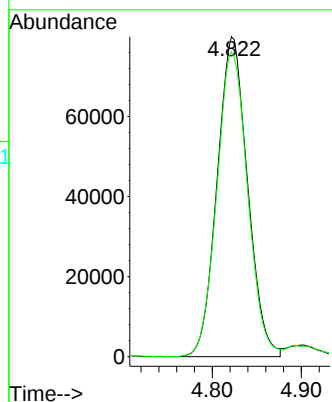
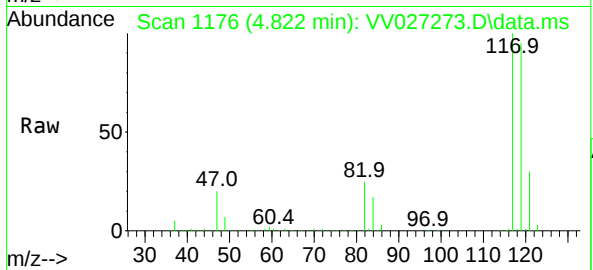




#31
Carbon tetrachloride
Concen: 46.830 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

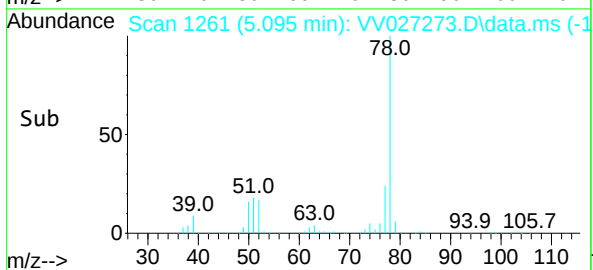
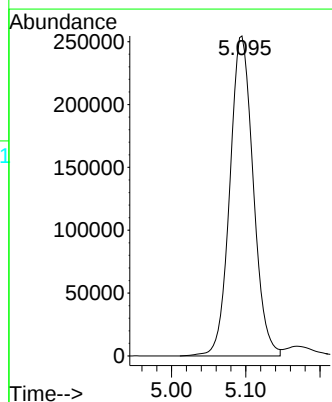
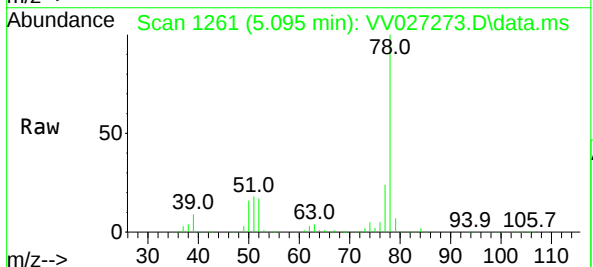
Instrument :
MSVOA_V
ClientSampleId :
VSTD050335

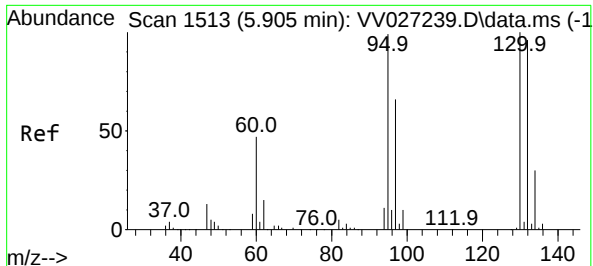
Tgt Ion:117 Resp: 189842
Ion Ratio Lower Upper
117 100
119 96.5 77.0 115.6



#33
Benzene
Concen: 49.189 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

Tgt Ion: 78 Resp: 556853

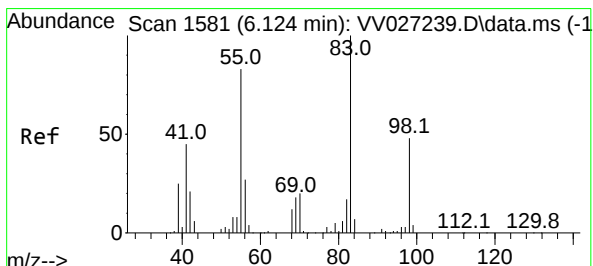
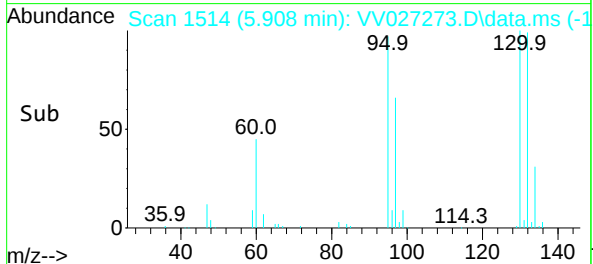
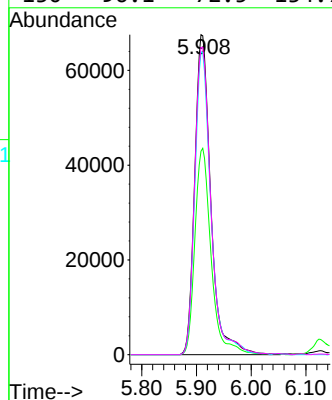
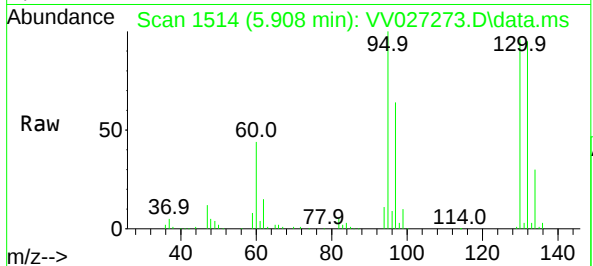




#34
Trichloroethene
Concen: 47.860 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

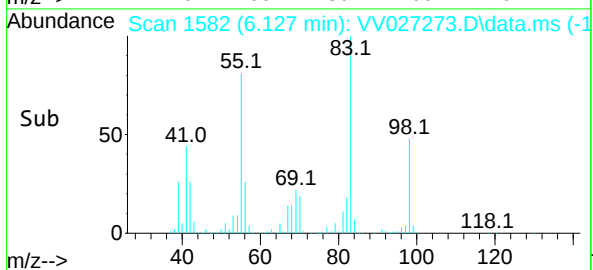
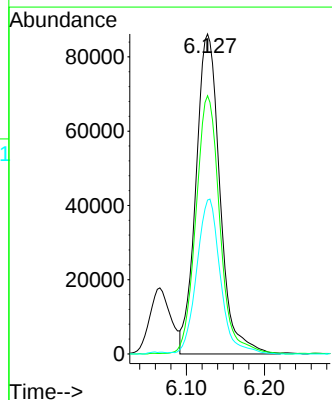
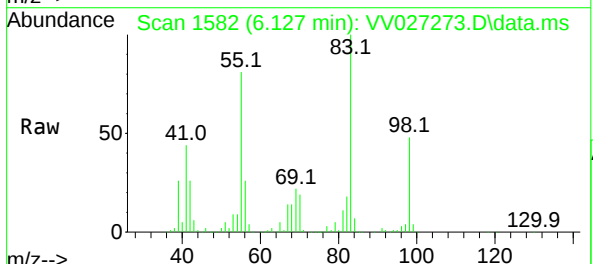
Instrument :
MSVOA_V
ClientSampleId :
VSTD050335

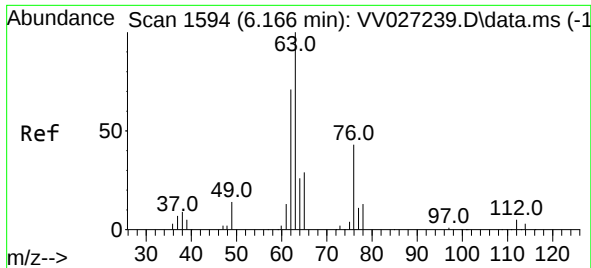
Tgt Ion: 95 Resp: 138728
Ion Ratio Lower Upper
95 100
97 63.6 45.9 85.3
132 94.6 69.8 129.6
130 96.1 72.5 134.7



#35
Methylcyclohexane
Concen: 43.298 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

Tgt Ion: 83 Resp: 184550
Ion Ratio Lower Upper
83 100
55 80.4 55.5 83.3
98 47.7 39.0 58.4





#37

1,2-Dichloropropane

Concen: 50.512 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027273.D

Acq: 10 Aug 2022 21:39

Instrument :

MSVOA_V

ClientSampleId :

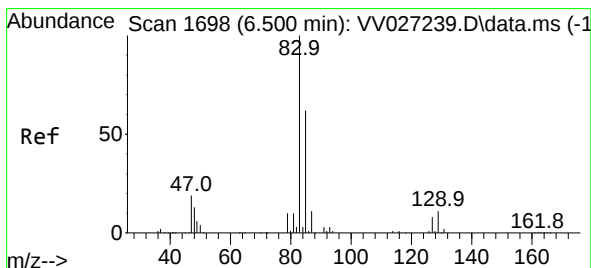
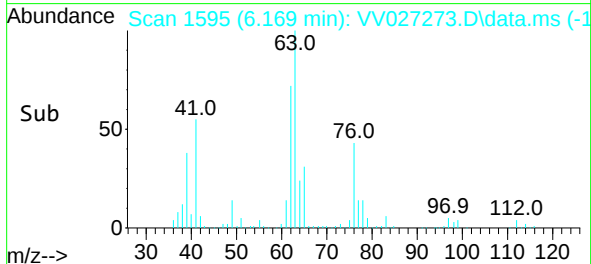
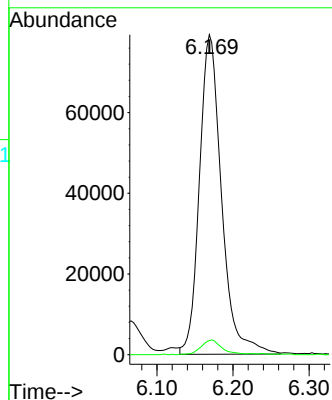
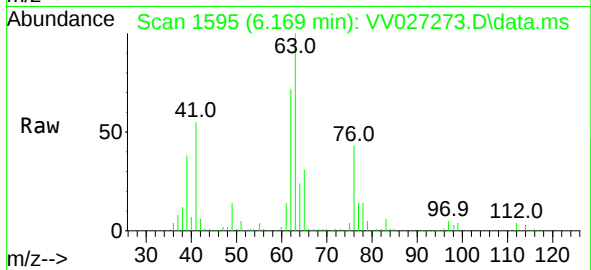
VSTD050335

Tgt Ion: 63 Resp: 160197

Ion Ratio Lower Upper

63 100

112 4.4 3.7 5.5



#38

Bromodichloromethane

Concen: 49.149 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.006 min

Lab File: VV027273.D

Acq: 10 Aug 2022 21:39

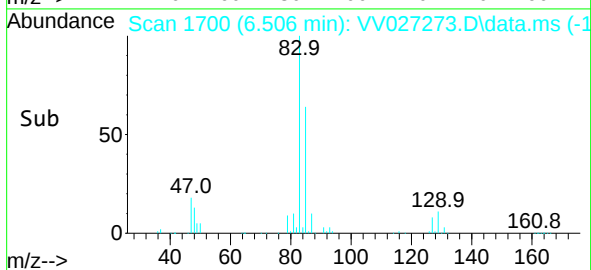
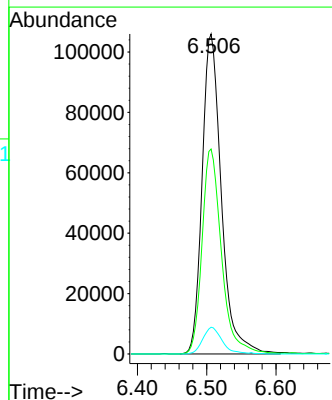
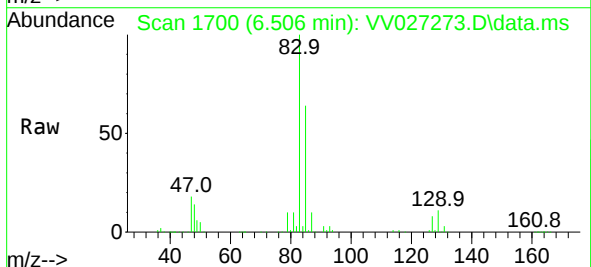
Tgt Ion: 83 Resp: 204240

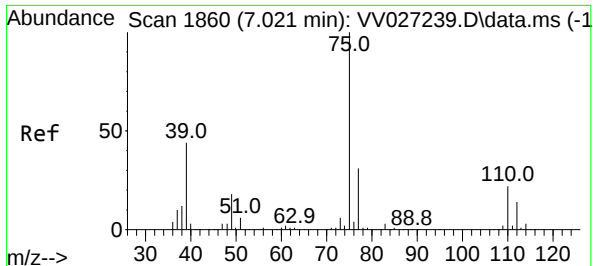
Ion Ratio Lower Upper

83 100

85 64.0 45.5 84.5

127 8.3 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 49.857 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV027273.D

Acq: 10 Aug 2022 21:39

Instrument :

MSVOA_V

ClientSampleId :

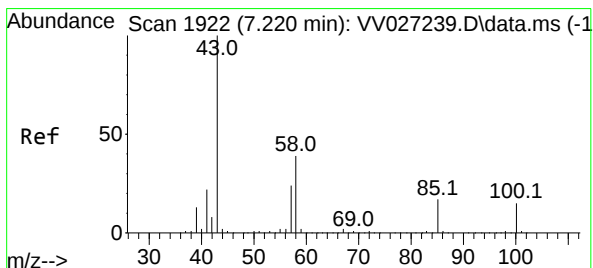
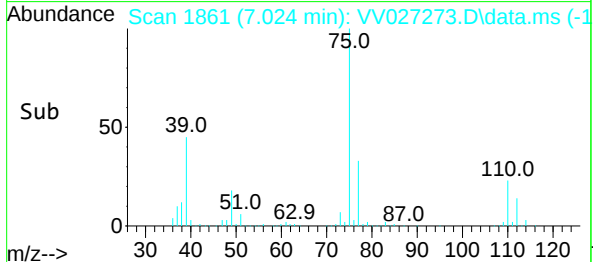
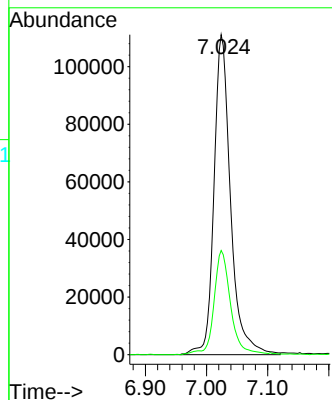
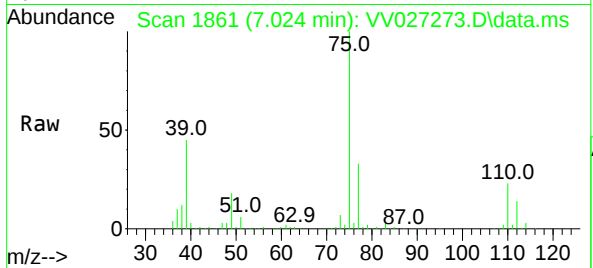
VSTD050335

Tgt Ion: 75 Resp: 209446

Ion Ratio Lower Upper

75 100

77 32.5 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 108.829 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV027273.D

Acq: 10 Aug 2022 21:39

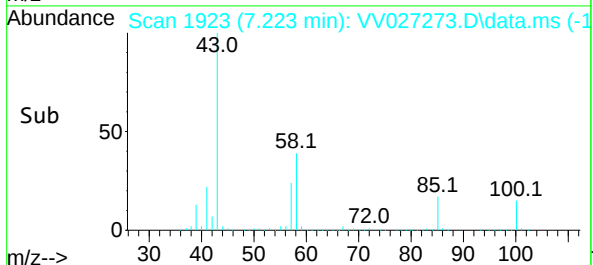
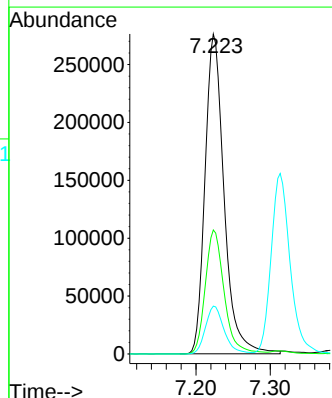
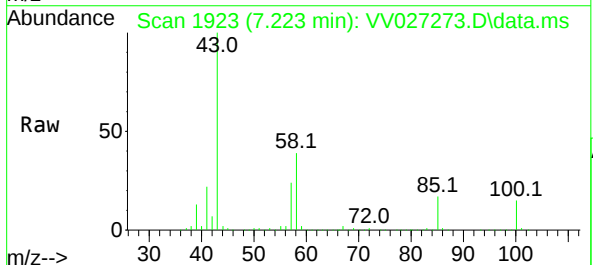
Tgt Ion: 43 Resp: 492387

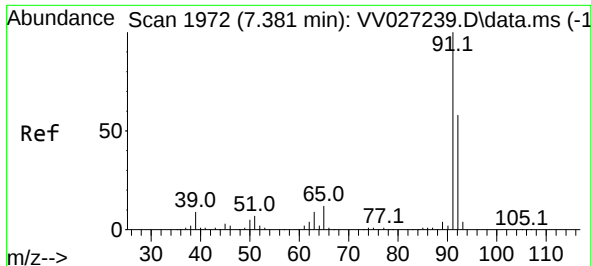
Ion Ratio Lower Upper

43 100

58 38.4 35.3 52.9

100 14.7 15.7 23.5

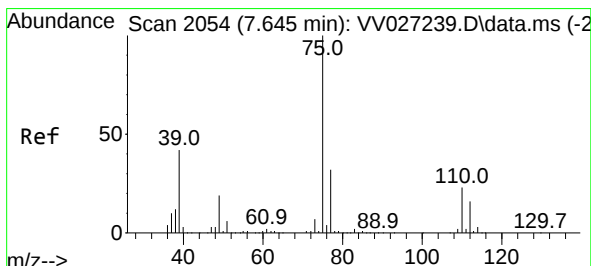
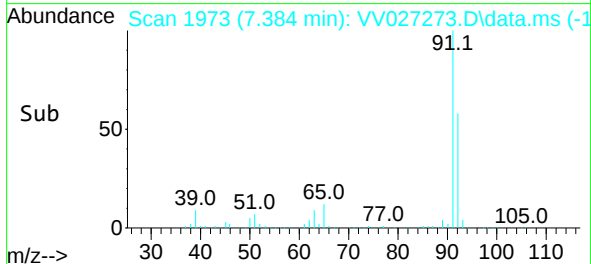
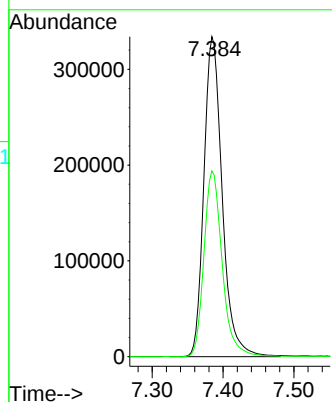
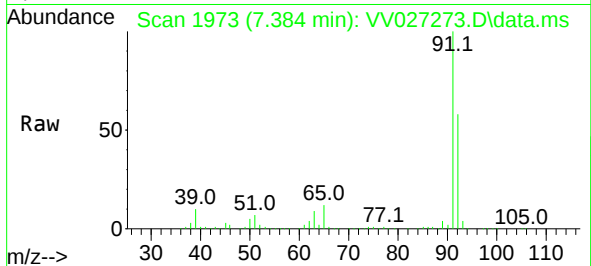




#42
Toluene
Concen: 52.158 ug/L
RT: 7.384 min Scan# 1972
Delta R.T. 0.003 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

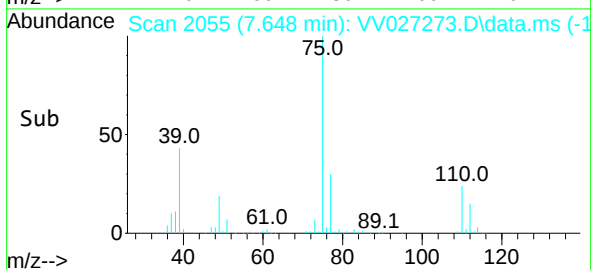
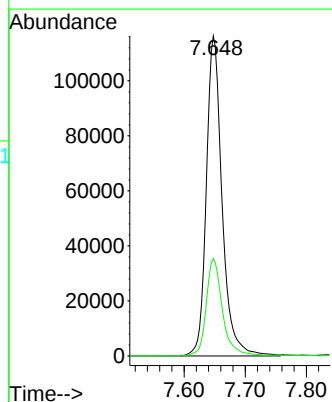
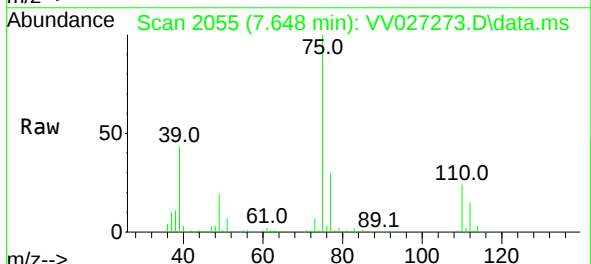
Instrument :
MSVOA_V
ClientSampleId :
VSTD050335

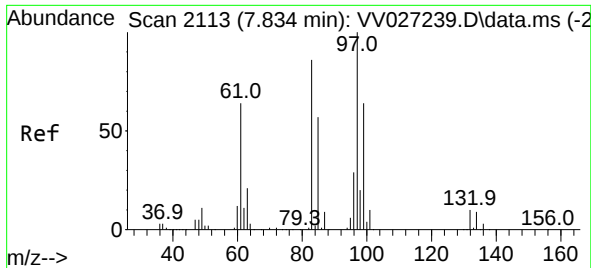
Tgt Ion: 91 Resp: 600345
Ion Ratio Lower Upper
91 100
92 58.1 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 50.449 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

Tgt Ion: 75 Resp: 208271
Ion Ratio Lower Upper
75 100
77 30.4 22.0 41.0



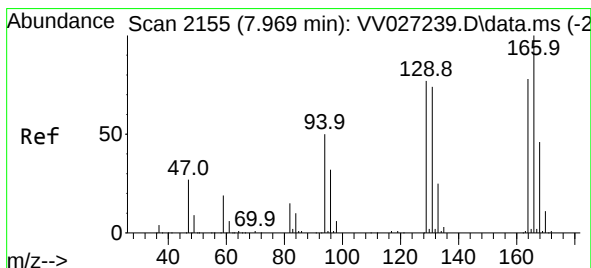
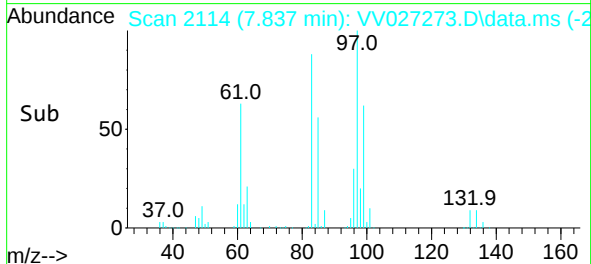
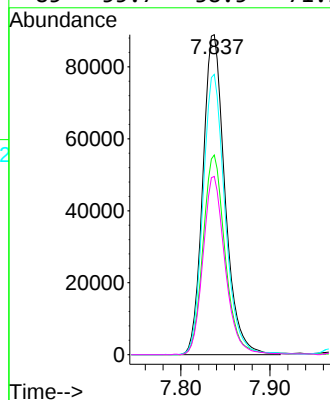
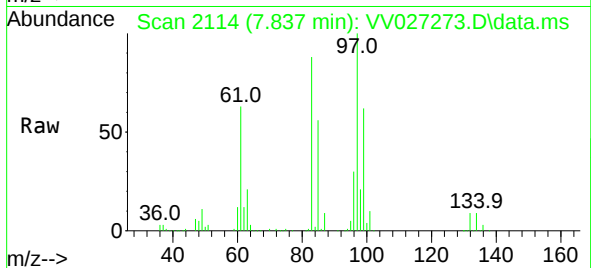


#45
1,1,2-Trichloroethane
Concen: 50.213 ug/L
RT: 7.837 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD050335

Tgt Ion: 97 Resp: 153485

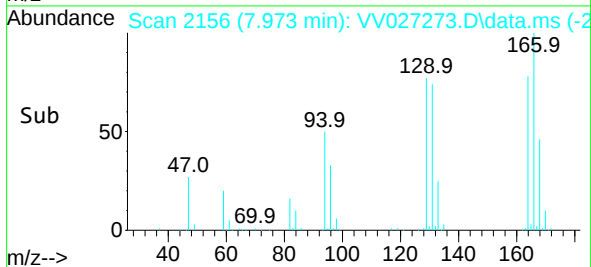
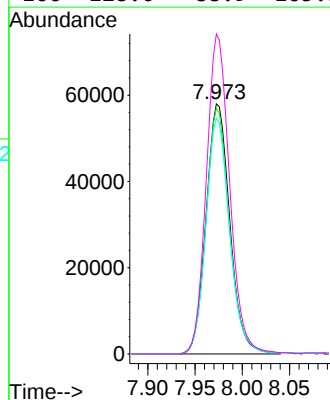
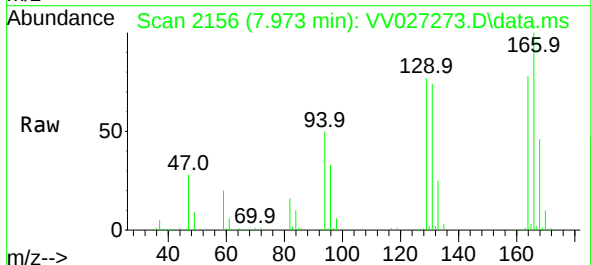
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.2	80.2
83	87.6	58.0	107.6
85	55.7	38.5	71.5

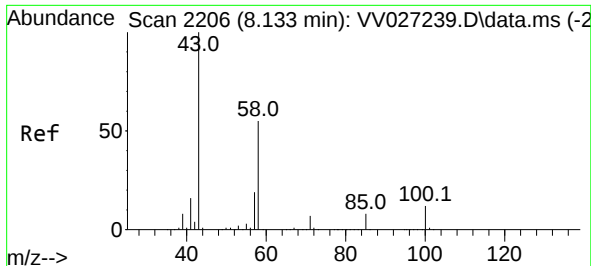


#46
Tetrachloroethene
Concen: 47.783 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

Tgt Ion: 164 Resp: 101375

Ion	Ratio	Lower	Upper
164	100		
129	98.2	67.5	125.4
131	94.4	64.3	119.3
166	128.0	88.9	165.1

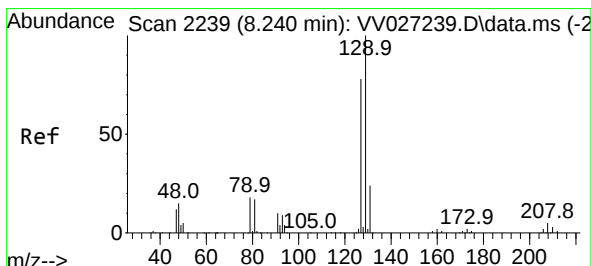
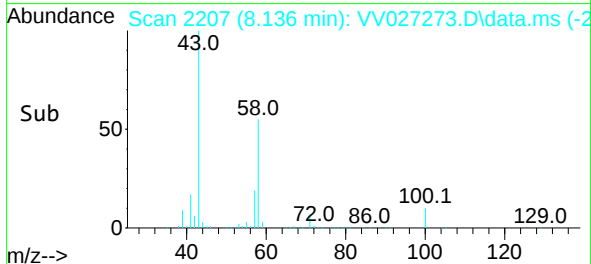
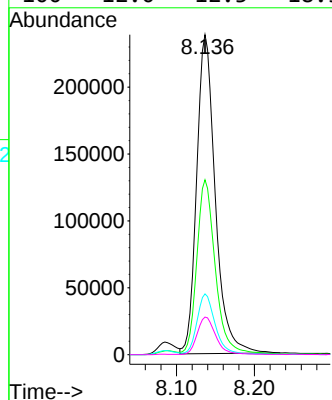
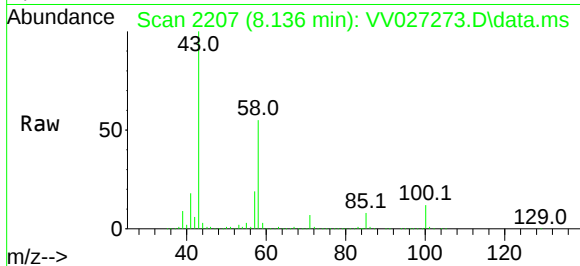




#48
2-Hexanone
Concen: 110.122 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

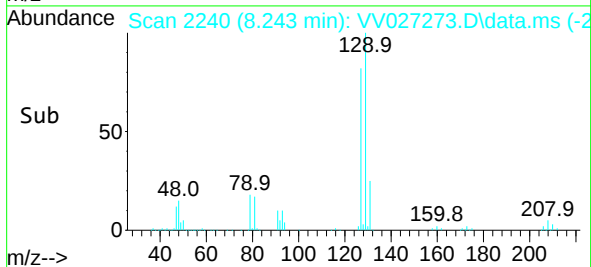
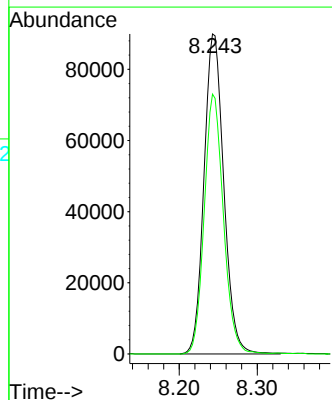
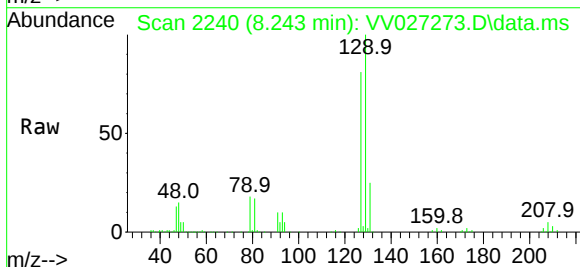
Instrument :
MSVOA_V
ClientSampleId :
VSTD050335

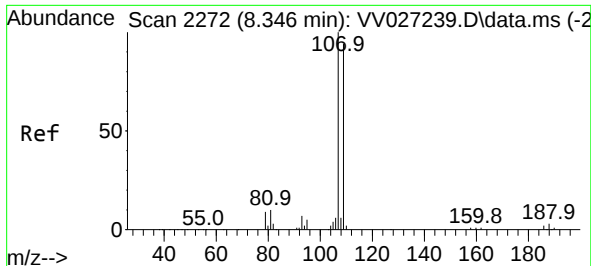
Tgt Ion: 43 Resp: 396813
Ion Ratio Lower Upper
43 100
58 54.3 50.8 76.2
57 18.0 17.1 25.7
100 12.0 12.3 18.5#



#49
Dibromochloromethane
Concen: 49.109 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

Tgt Ion: 129 Resp: 158679
Ion Ratio Lower Upper
129 100
127 81.2 53.3 98.9



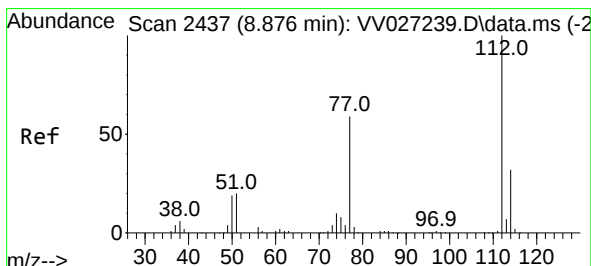
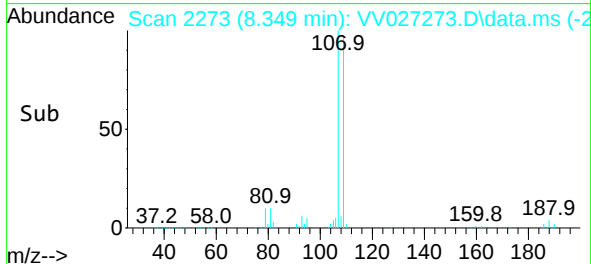
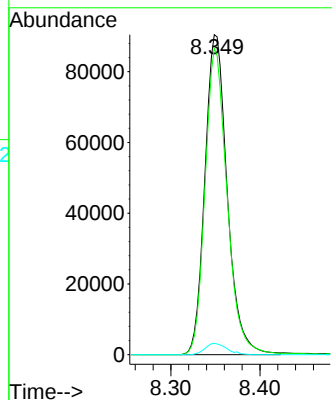
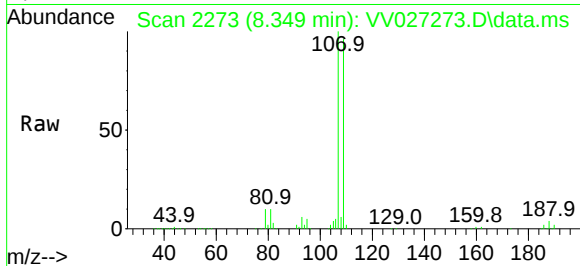


#50
 1,2-Dibromoethane
 Concen: 50.135 ug/L
 RT: 8.349 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV027273.D
 Acq: 10 Aug 2022 21:39

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050335

Tgt Ion:107 Resp: 157685

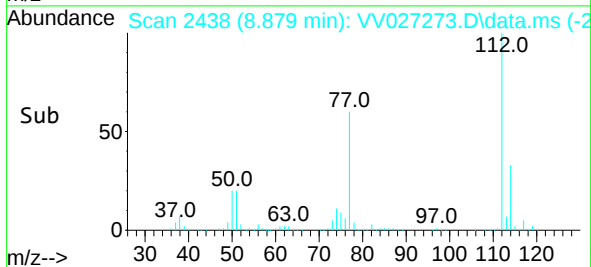
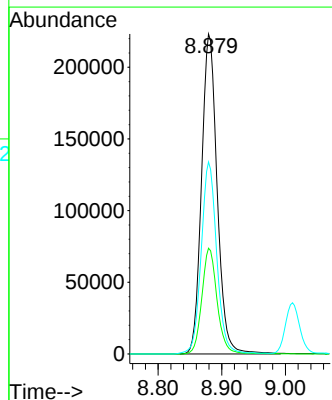
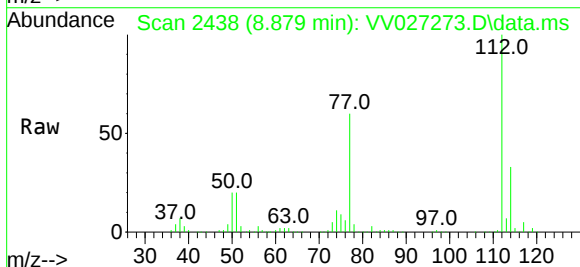
Ion	Ratio	Lower	Upper
107	100		
109	95.7	65.7	121.9
188	3.6	2.7	4.1

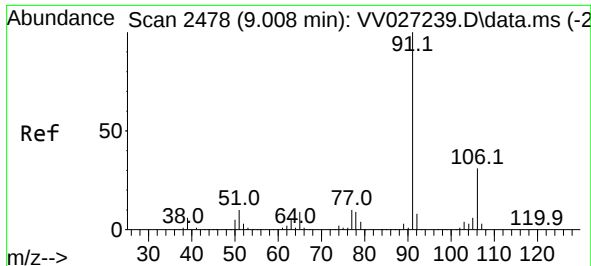


#51
 Chlorobenzene
 Concen: 49.344 ug/L
 RT: 8.879 min Scan# 2438
 Delta R.T. 0.003 min
 Lab File: VV027273.D
 Acq: 10 Aug 2022 21:39

Tgt Ion:112 Resp: 380955

Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.8	42.4
77	60.0	44.2	66.2





#52

Ethylbenzene

Concen: 51.488 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV027273.D

Acq: 10 Aug 2022 21:39

Instrument :

MSVOA_V

ClientSampleId :

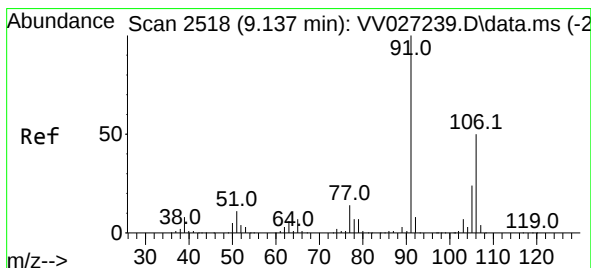
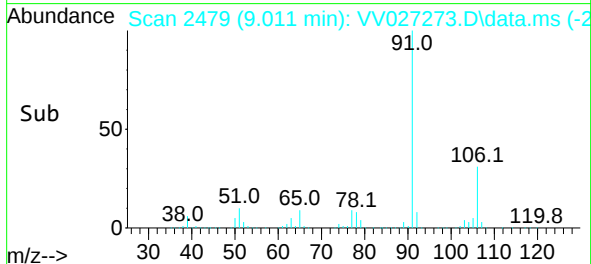
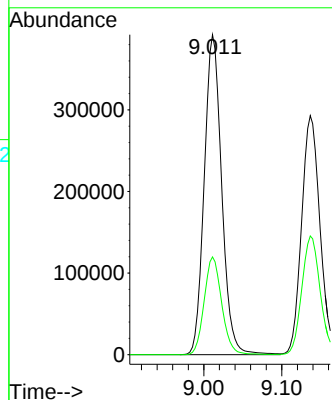
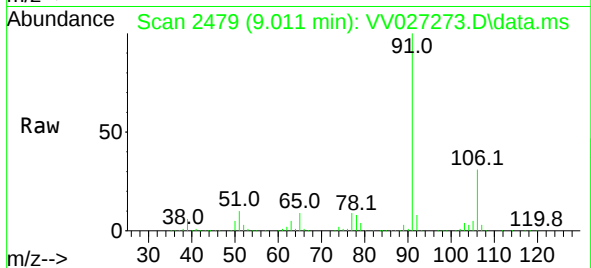
VSTD050335

Tgt Ion: 91 Resp: 611509

Ion Ratio Lower Upper

91 100

106 30.6 21.8 40.6



#53

m,p-Xylene

Concen: 53.142 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV027273.D

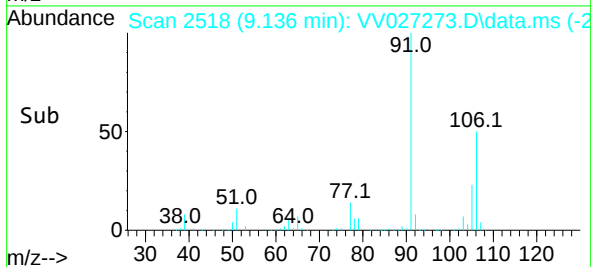
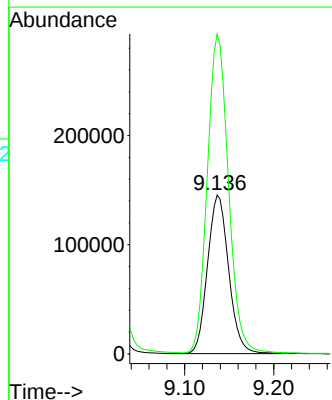
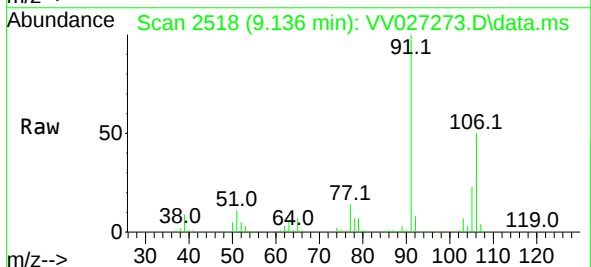
Acq: 10 Aug 2022 21:39

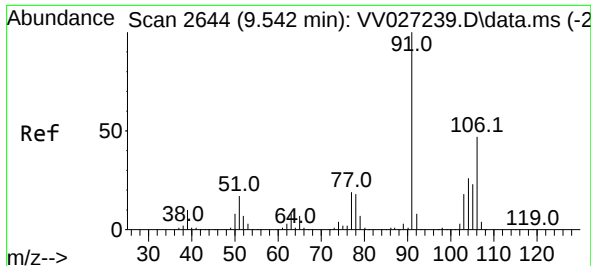
Tgt Ion: 106 Resp: 238533

Ion Ratio Lower Upper

106 100

91 201.4 137.5 255.3

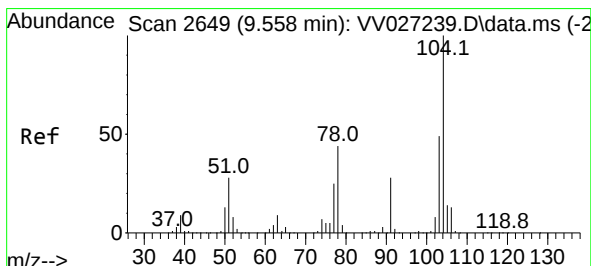
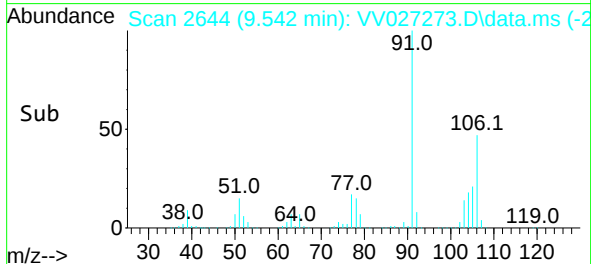
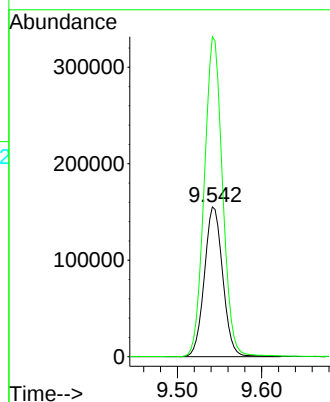
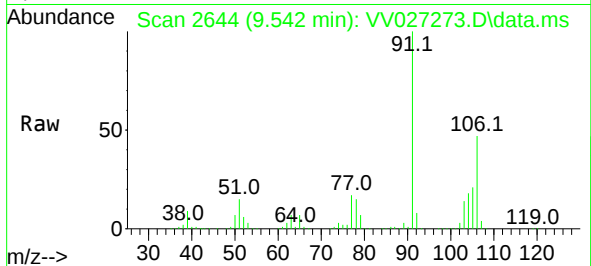




#54
o-Xylene
Concen: 53.985 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

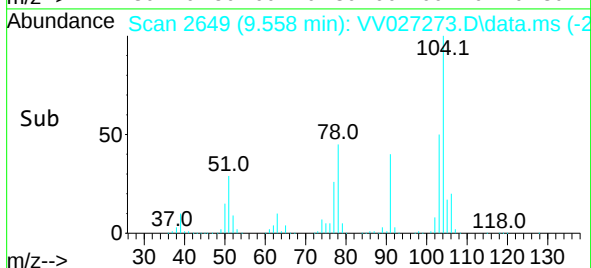
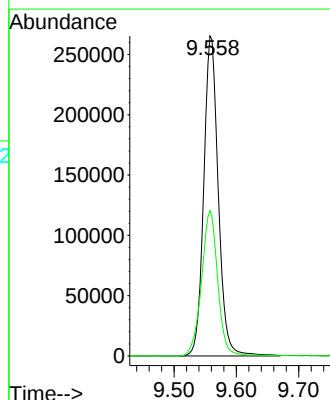
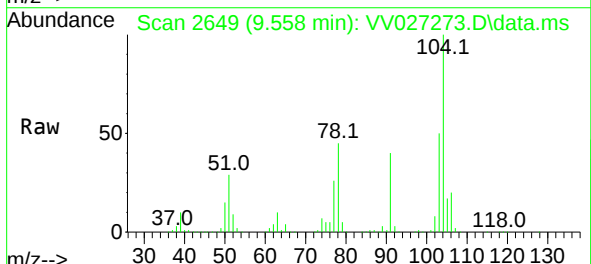
Instrument : MSVOA_V
ClientSampleId : VSTD050335

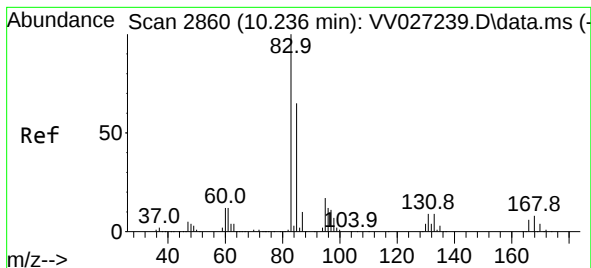
Tgt Ion:106 Resp: 236075
Ion Ratio Lower Upper
106 100
91 213.6 146.6 272.2



#55
Styrene
Concen: 55.912 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

Tgt Ion:104 Resp: 430713
Ion Ratio Lower Upper
104 100
78 45.4 29.6 55.0

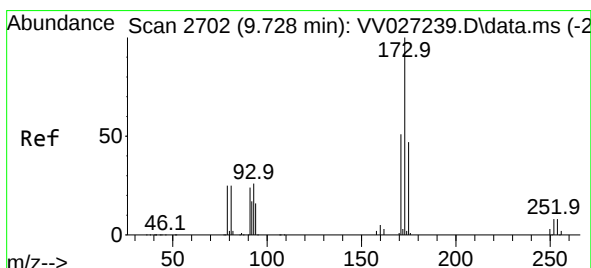
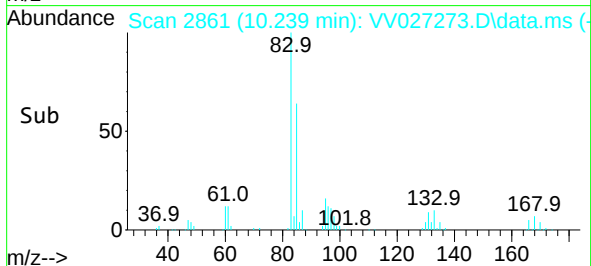
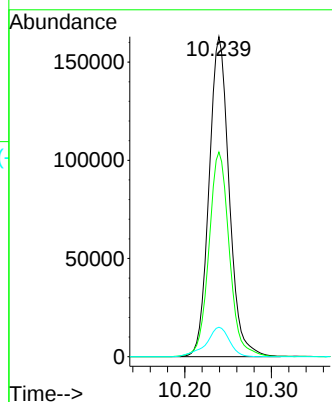
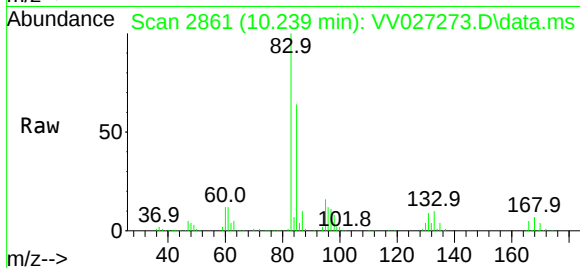




#57
 1,1,2,2-Tetrachloroethane
 Concen: 51.389 ug/L
 RT: 10.239 min Scan# 2860
 Delta R.T. 0.003 min
 Lab File: VV027273.D
 Acq: 10 Aug 2022 21:39

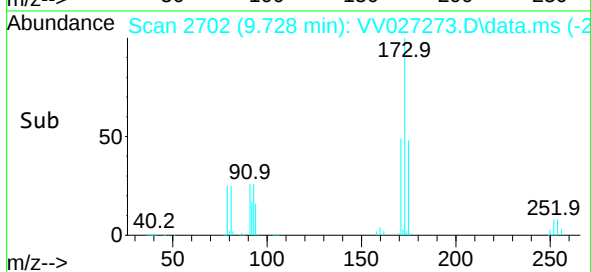
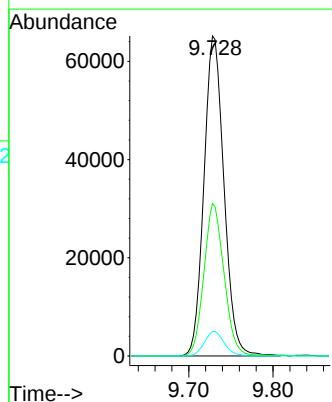
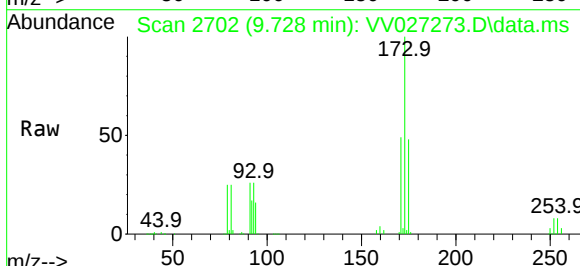
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050335

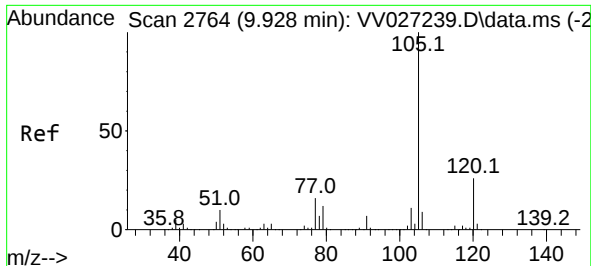
Tgt Ion: 83 Resp: 263151
 Ion Ratio Lower Upper
 83 100
 85 64.0 45.2 84.0
 131 9.2 8.1 12.1



#59
 Bromoform
 Concen: 47.465 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV027273.D
 Acq: 10 Aug 2022 21:39

Tgt Ion: 173 Resp: 107950
 Ion Ratio Lower Upper
 173 100
 175 47.7 39.0 58.4
 254 7.6 6.9 10.3

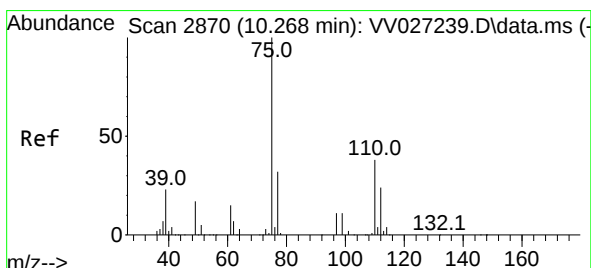
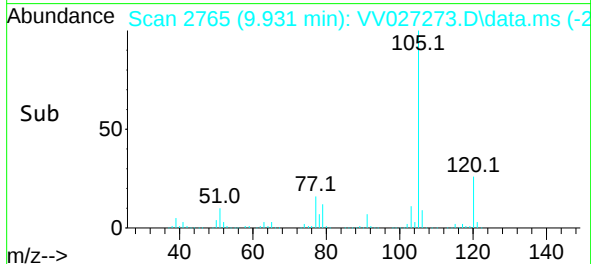
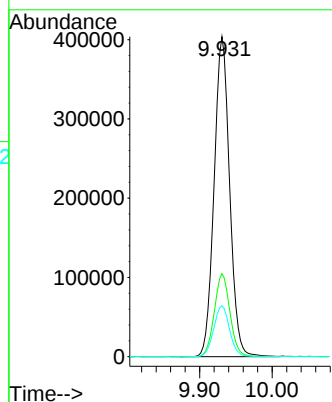
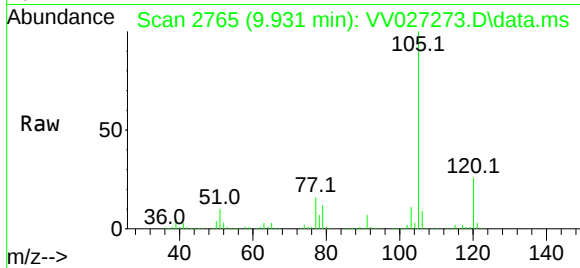




#60
Isopropylbenzene
Concen: 49.740 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

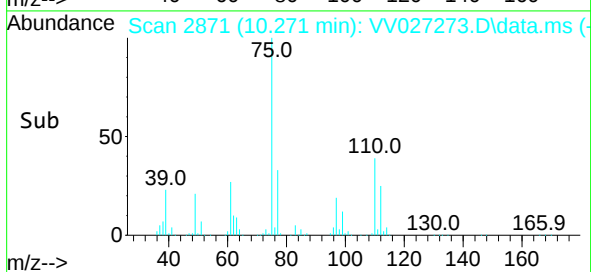
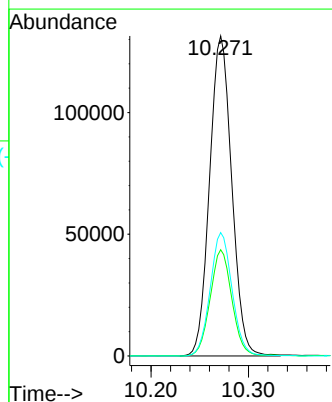
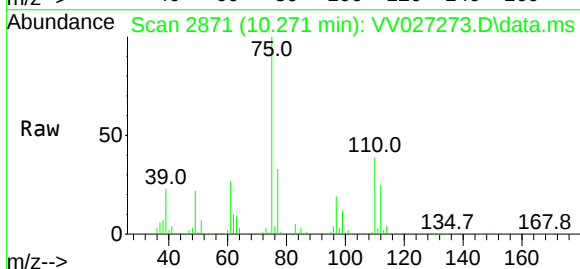
Instrument :
MSVOA_V
ClientSampleId :
VSTD050335

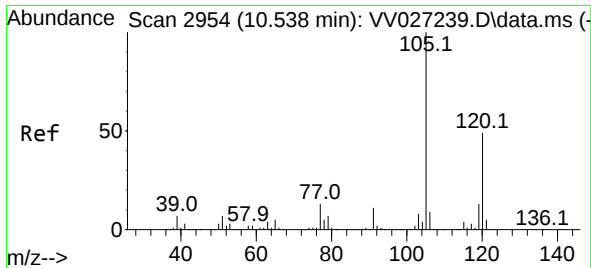
Tgt Ion:105 Resp: 600034
Ion Ratio Lower Upper
105 100
120 26.2 21.4 32.0
77 16.2 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 47.236 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV027273.D
Acq: 10 Aug 2022 21:39

Tgt Ion: 75 Resp: 207585
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 38.2 32.7 49.1

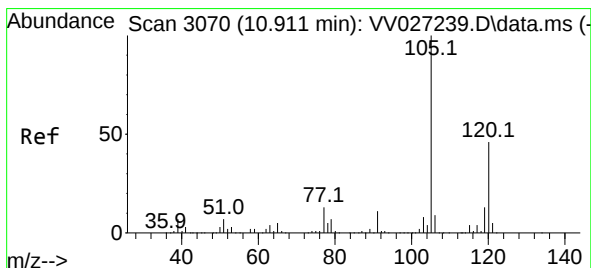
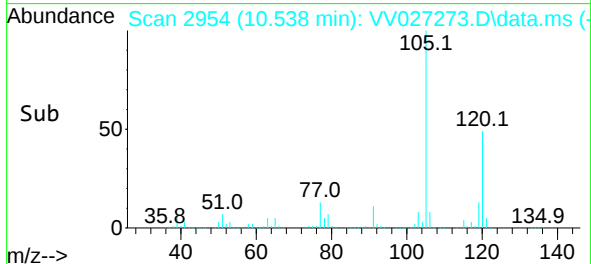
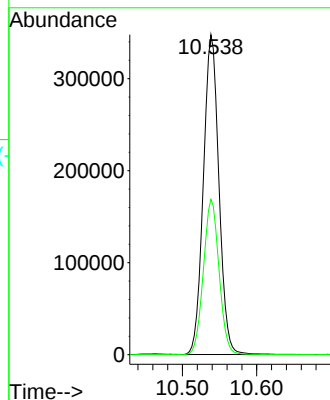
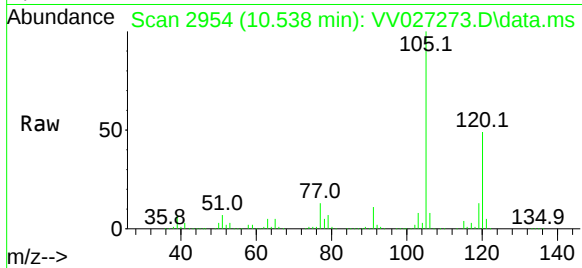




#62
 1,3,5-Trimethylbenzene
 Concen: 50.649 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV027273.D
 Acq: 10 Aug 2022 21:39

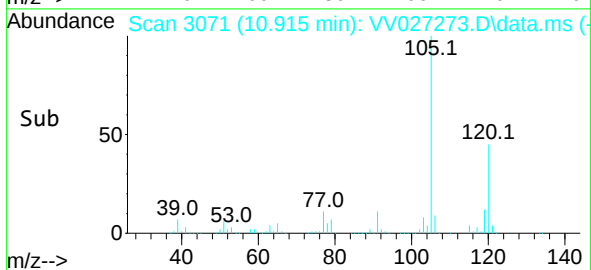
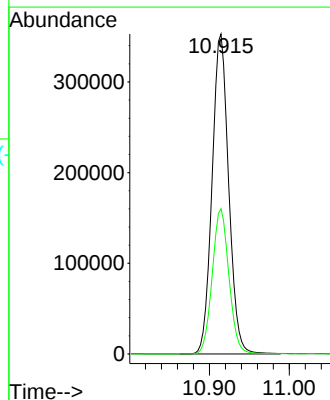
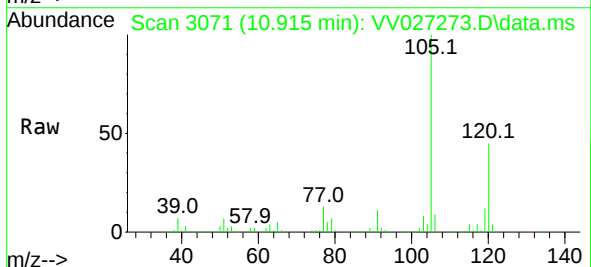
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050335

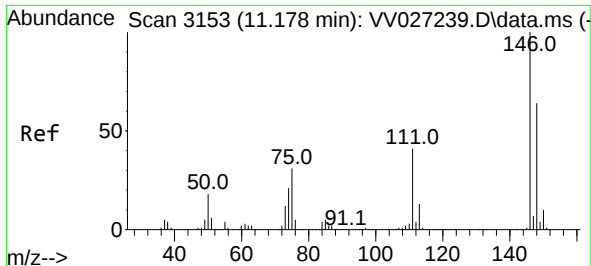
Tgt Ion:105 Resp: 504582
 Ion Ratio Lower Upper
 105 100
 120 48.9 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 52.228 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV027273.D
 Acq: 10 Aug 2022 21:39

Tgt Ion:105 Resp: 509720
 Ion Ratio Lower Upper
 105 100
 120 45.6 37.0 55.6

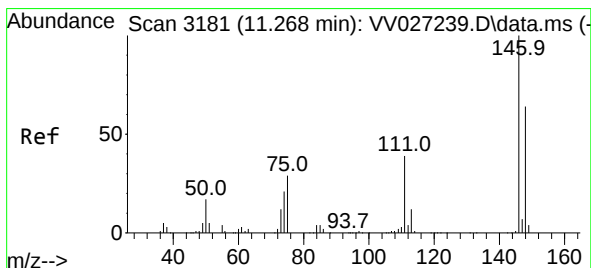
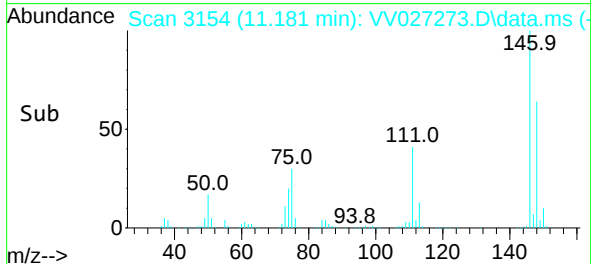
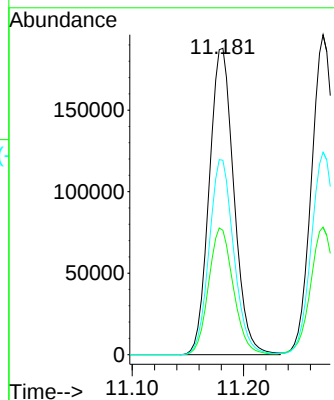
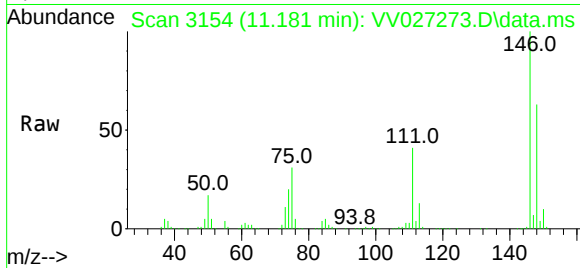




#64
 1,3-Dichlorobenzene
 Concen: 49.675 ug/L
 RT: 11.181 min Scan# 3154
 Delta R.T. 0.003 min
 Lab File: VV027273.D
 Acq: 10 Aug 2022 21:39

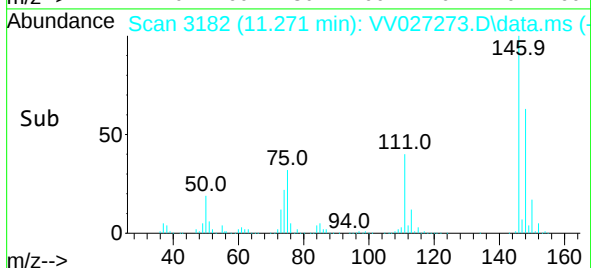
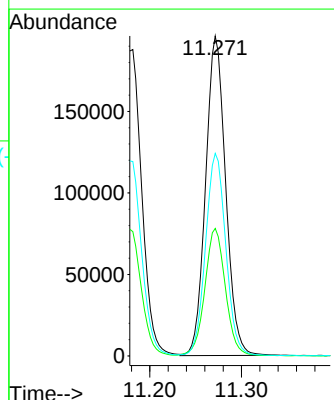
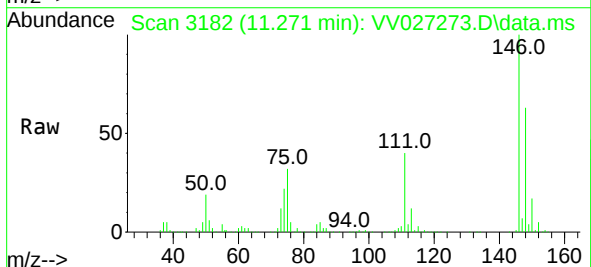
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050335

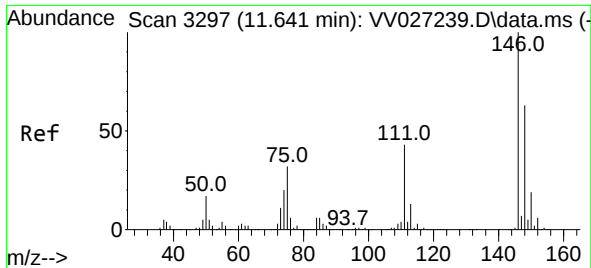
Tgt Ion:146 Resp: 290436
 Ion Ratio Lower Upper
 146 100
 111 40.6 28.4 52.8
 148 63.5 44.7 82.9



#65
 1,4-Dichlorobenzene
 Concen: 48.327 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. 0.003 min
 Lab File: VV027273.D
 Acq: 10 Aug 2022 21:39

Tgt Ion:146 Resp: 297366
 Ion Ratio Lower Upper
 146 100
 111 39.9 27.4 51.0
 148 63.3 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 49.603 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV027273.D

Acq: 10 Aug 2022 21:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD050335

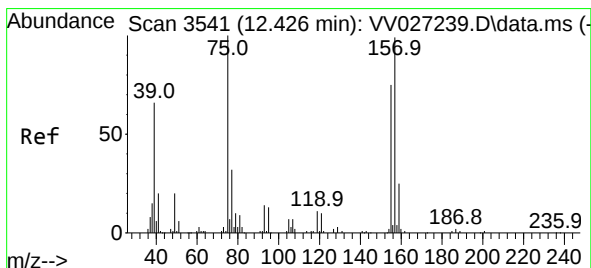
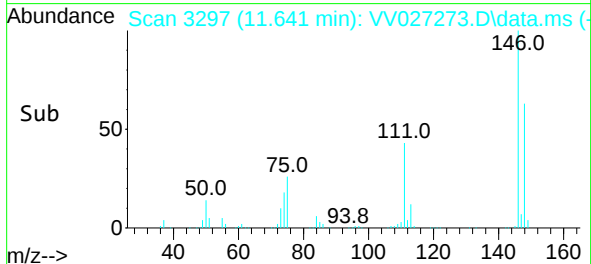
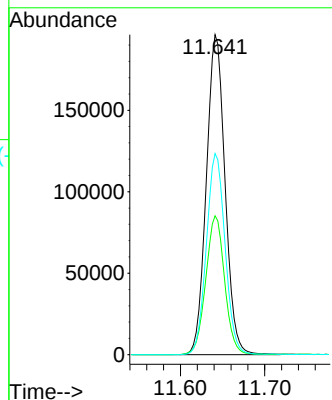
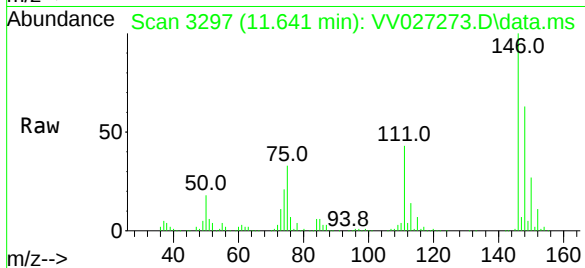
Tgt Ion:146 Resp: 303870

Ion Ratio Lower Upper

146 100

111 43.4 34.0 51.0

148 62.9 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 47.913 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV027273.D

Acq: 10 Aug 2022 21:39

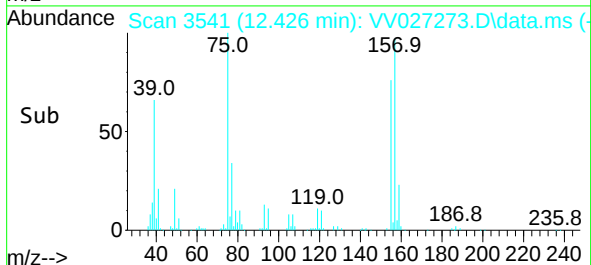
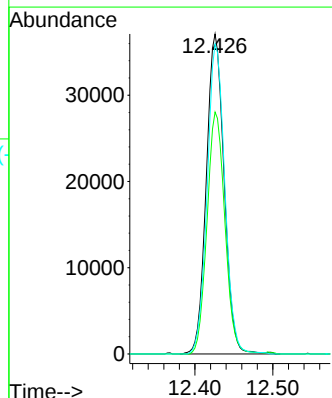
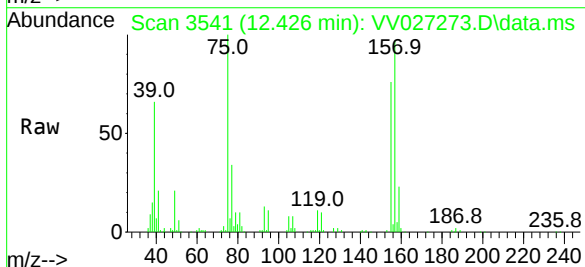
Tgt Ion: 75 Resp: 59073

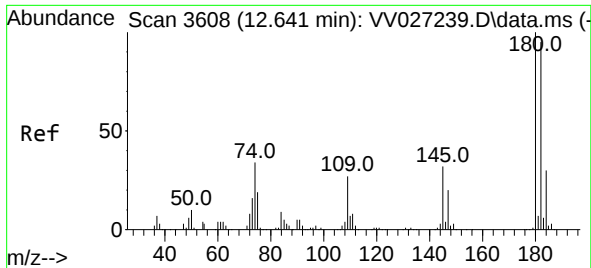
Ion Ratio Lower Upper

75 100

155 75.6 69.1 103.7

157 96.9 87.8 131.8

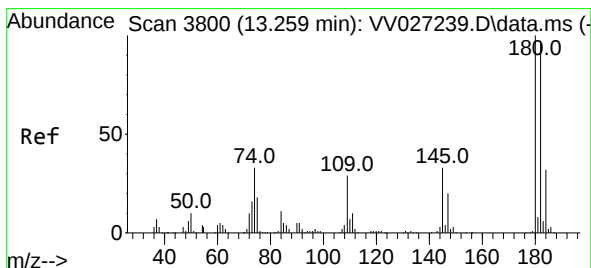
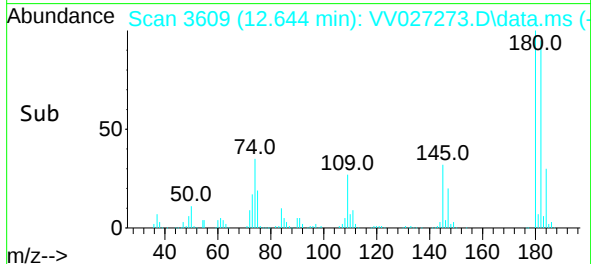
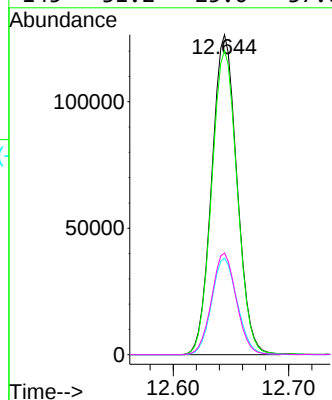
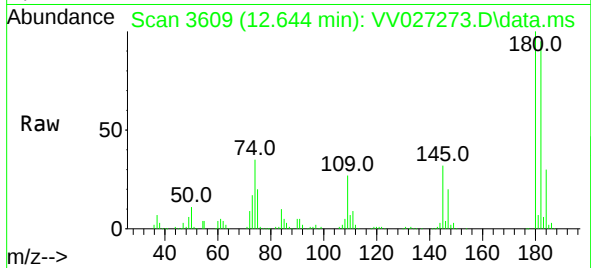




#69
 1,3,5-Trichlorobenzene
 Concen: 48.910 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV027273.D
 Acq: 10 Aug 2022 21:39

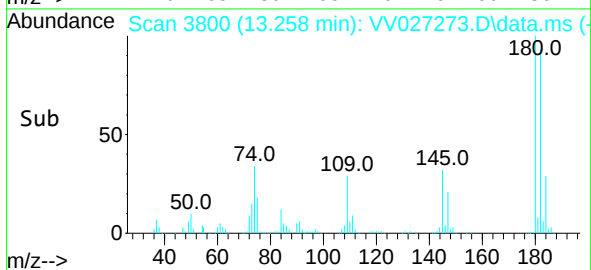
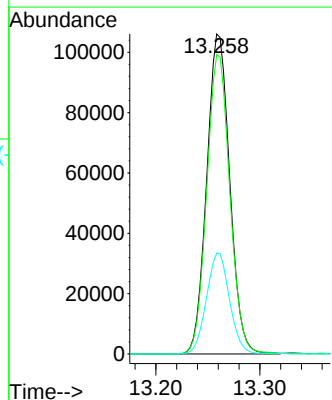
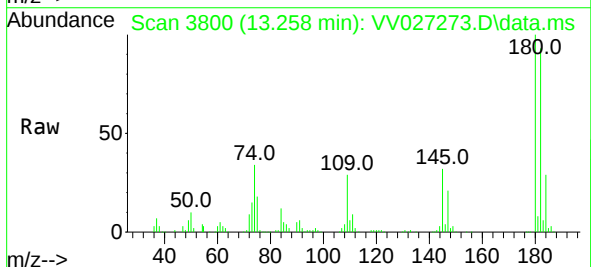
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050335

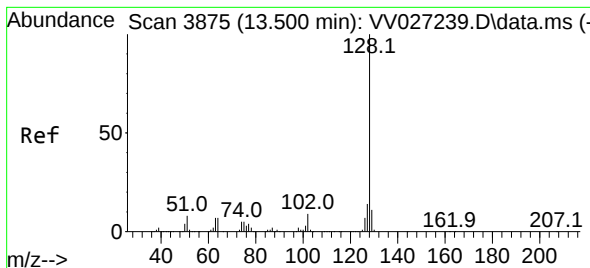
Tgt Ion:180 Resp: 192068
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.2 114.4
 184 30.4 24.8 37.2
 145 31.2 25.0 37.6



#70
 1,2,4-trichlorobenzene
 Concen: 50.002 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV027273.D
 Acq: 10 Aug 2022 21:39

Tgt Ion:180 Resp: 163084
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.9 113.9
 145 31.6 24.7 37.1





#71

Naphthalene

Concen: 51.829 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV027273.D

Acq: 10 Aug 2022 21:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD050335

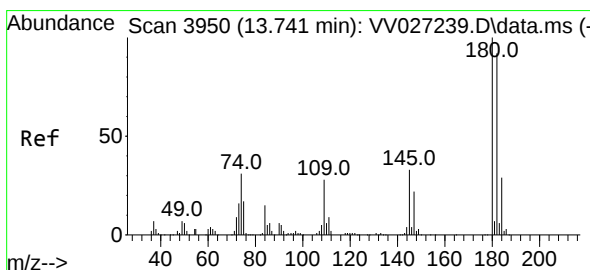
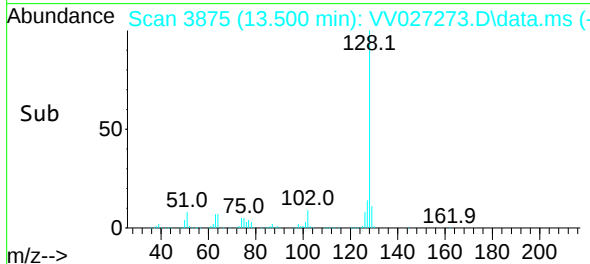
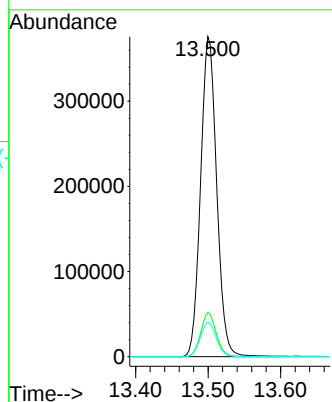
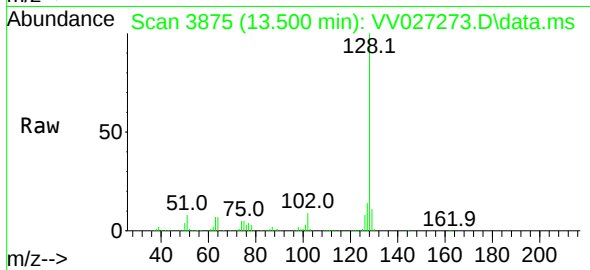
Tgt Ion:128 Resp: 578836

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 52.041 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV027273.D

Acq: 10 Aug 2022 21:39

Tgt Ion:180 Resp: 188135

Ion Ratio Lower Upper

180 100

182 92.8 76.3 114.5

145 33.6 27.4 41.0

