

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040722\
 Data File : VW025378.D
 Acq On : 07 Apr 2022 10:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005370

Quant Time: Apr 07 14:38:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 07 01:24:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	200285	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	187574	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	93609	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	67293	3.597	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.000%	
7) Chloroethane-d5	1.568	69	76816	4.892	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.800%	
11) 1,1-Dichloroethene-d2	2.111	63	153132	3.779	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.600%	
20) 2-Butanone-d5	3.879	46	113987	61.166	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.340%	
24) Chloroform-d	4.346	84	125698	5.148	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.000%	
26) 1,2-Dichloroethane-d4	5.031	65	55105	5.106	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	5.047	84	231238	4.873	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
36) 1,2-Dichloropropane-d6	6.066	67	68223	5.130	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.600%	
41) Toluene-d8	7.313	98	216123	4.965	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
43) trans-1,3-Dichloroprop...	7.619	79	22514	5.189	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	103.800%	
46) 2-Hexanone-d5	8.085	63	94398	60.243	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	120.480%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48208	5.436	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	78516	5.222	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	93683	4.683	ug/L	100
3) Chloromethane	1.243	50	95706	4.056	ug/L	99
5) Vinyl chloride	1.310	62	108013	4.099	ug/L	95
6) Bromomethane	1.523	94	75111	4.801	ug/L	100
8) Chloroethane	1.584	64	85455	5.167	ug/L	97
9) Trichlorofluoromethane	1.754	101	165236	4.638	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	94997	4.489	ug/L	98
12) 1,1-Dichloroethene	2.117	96	87944	4.361	ug/L	95
13) Acetone	2.172	43	80305	56.472	ug/L	79
14) Carbon disulfide	2.294	76	193525	4.633	ug/L	99
15) Methyl Acetate	2.433	43	17036	5.262	ug/L #	89
16) Methylene chloride	2.506	84	74395	4.699	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	138592	5.433	ug/L	100
18) trans-1,2-Dichloroethene	2.761	96	74110	5.120	ug/L	98
19) 1,1-Dichloroethane	3.188	63	127648	5.283	ug/L	98
21) 2-Butanone	3.963	43	107747	55.065	ug/L	84
22) cis-1,2-Dichloroethene	3.908	96	78032	5.307	ug/L	97
23) Bromochloromethane	4.246	128	33017	5.383	ug/L	95
25) Chloroform	4.371	83	138225	5.156	ug/L	98

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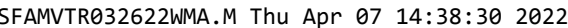
Instrument :
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 ClientSampleId :
 VSTD005370

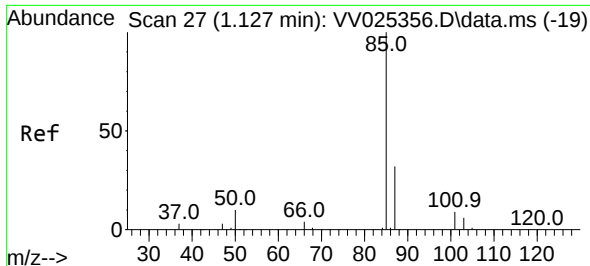
Quant Time: Apr 07 14:38:15 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 07 01:24:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	70067	5.061	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	122503	5.401	ug/L	100
30) Cyclohexane	4.674	56	105554	5.204	ug/L	99
31) Carbon tetrachloride	4.825	117	104252	5.310	ug/L	100
33) Benzene	5.095	78	299582	5.445	ug/L	100
34) Trichloroethene	5.912	95	81701	5.408	ug/L	98
35) Methylcyclohexane	6.127	83	124290	5.250	ug/L	99
37) 1,2-Dichloropropane	6.169	63	70001	5.485	ug/L	99
38) Bromodichloromethane	6.506	83	89397	5.529	ug/L	95
39) cis-1,3-Dichloropropene	7.024	75	91322	5.518	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	283422	55.619	ug/L	98
42) Toluene	7.384	91	325840	5.548	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	71924	5.529	ug/L	95
45) 1,1,2-Trichloroethane	7.837	97	47652	5.453	ug/L	99
47) Tetrachloroethene	7.973	164	63107	5.665	ug/L	96
48) 2-Hexanone	8.136	43	203675	55.884	ug/L	98
49) Dibromochloromethane	8.243	129	54802	5.828	ug/L	98
50) 1,2-Dibromoethane	8.349	107	42544	5.226	ug/L #	95
51) Chlorobenzene	8.879	112	209561	5.525	ug/L	100
52) Ethylbenzene	9.008	91	348550	5.595	ug/L	99
53) m,p-Xylene	9.136	106	138101	5.700	ug/L	99
54) o-Xylene	9.542	106	134631	5.813	ug/L	99
55) Styrene	9.558	104	221203	5.808	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	48636	5.339	ug/L	97
59) Bromoform	9.731	173	24546	6.415	ug/L #	98
60) Isopropylbenzene	9.927	105	361366	5.821	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	37116	5.240	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	158732	5.702	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	289816	5.835	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	163129	5.610	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	160875	5.525	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	143934	5.625	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6237	4.918	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	121857	5.810	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	95001	6.003	ug/L	99
71) Naphthalene	13.500	128	140188	5.684	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	81840	6.002	ug/L	97

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

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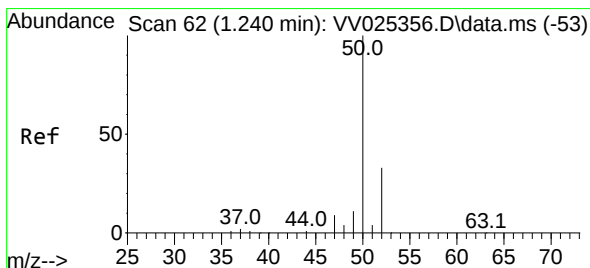
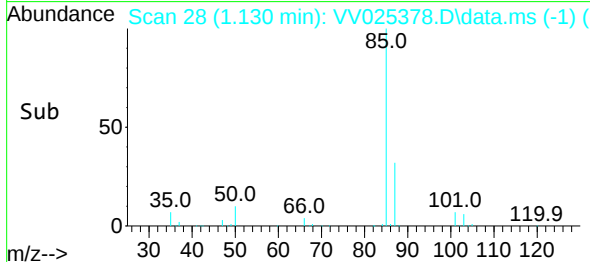
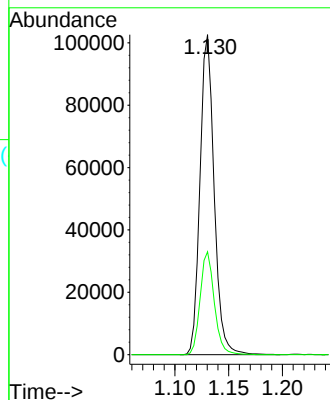
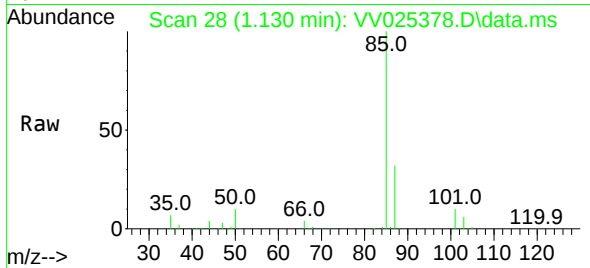




#2
 Dichlorodifluoromethane
 Concen: 4.683 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV025378.D
 Acq: 07 Apr 2022 10:45

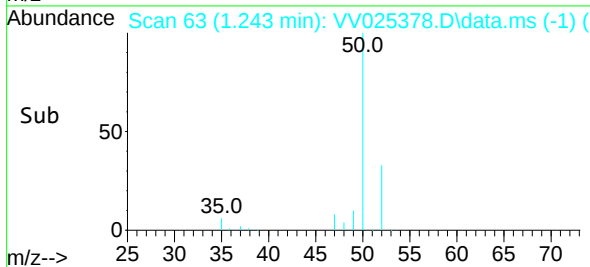
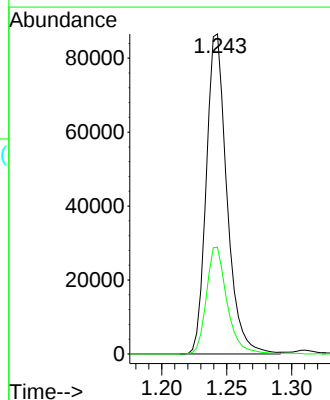
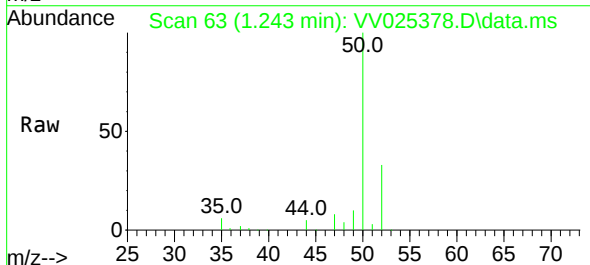
Instrument :
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 VSTD005370

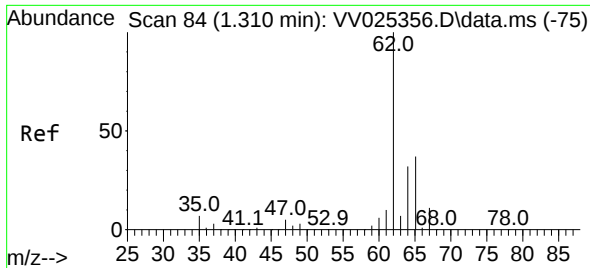
Tgt Ion: 85 Resp: 93683
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.6



#3
 Chloromethane
 Concen: 4.056 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV025378.D
 Acq: 07 Apr 2022 10:45

Tgt Ion: 50 Resp: 95706
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.9 42.5

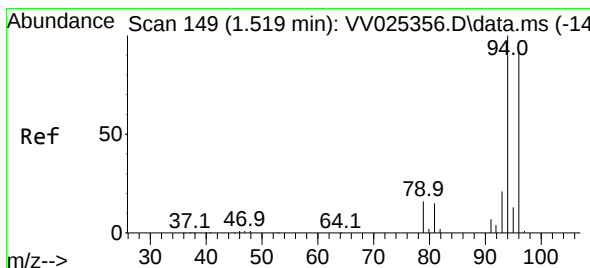
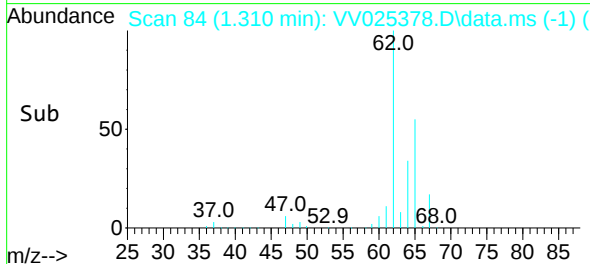
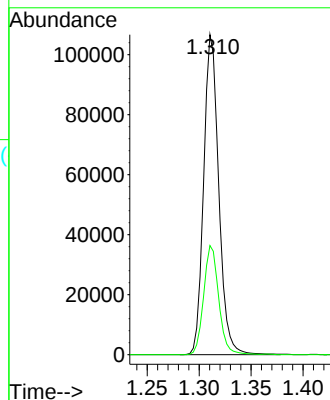
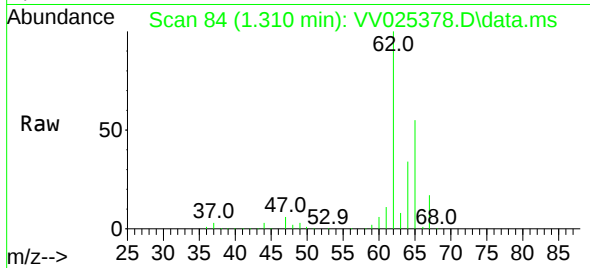




#5
 Vinyl chloride
 Concen: 4.099 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV025378.D
 Acq: 07 Apr 2022 10:45

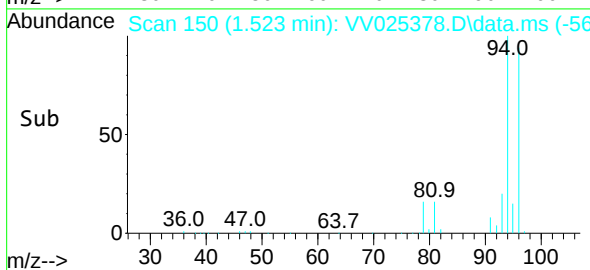
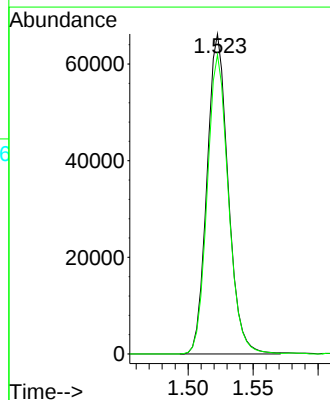
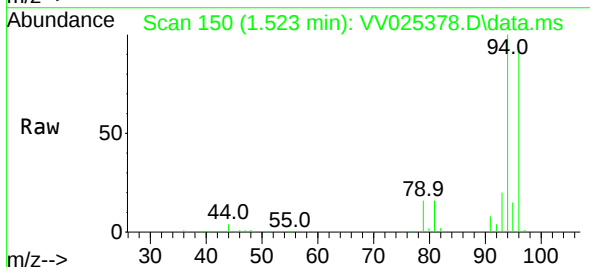
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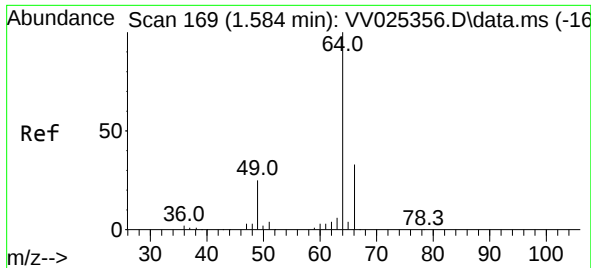
Tgt Ion: 62 Resp: 108013
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.0 40.8



#6
 Bromomethane
 Concen: 4.801 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV025378.D
 Acq: 07 Apr 2022 10:45

Tgt Ion: 94 Resp: 75111
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.5 121.7

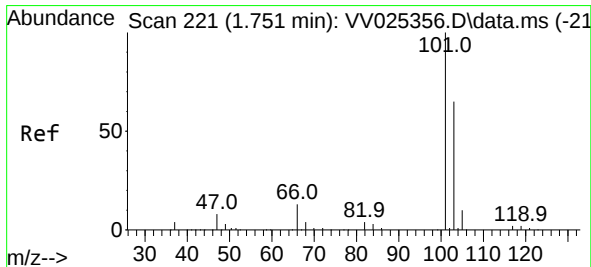
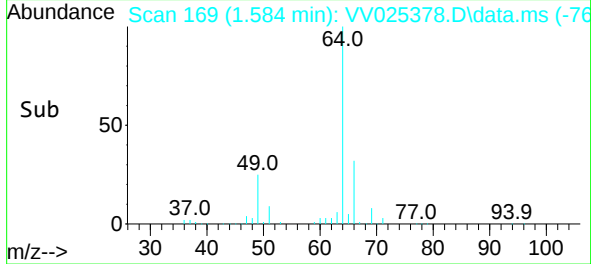
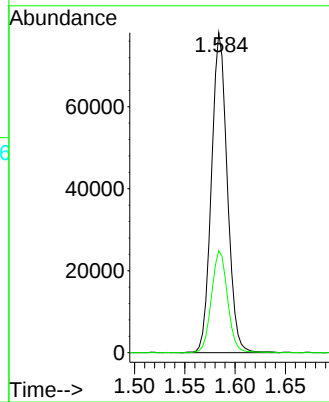
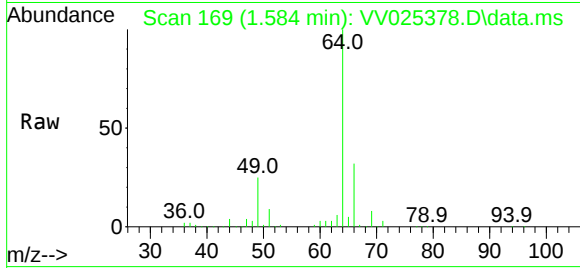




#8
Chloroethane
Concen: 5.167 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45

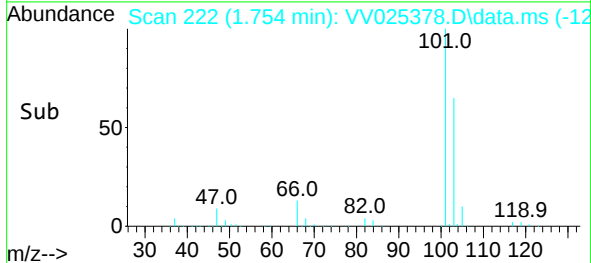
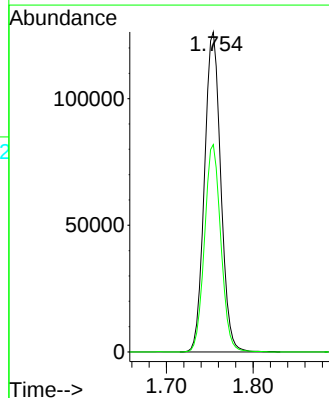
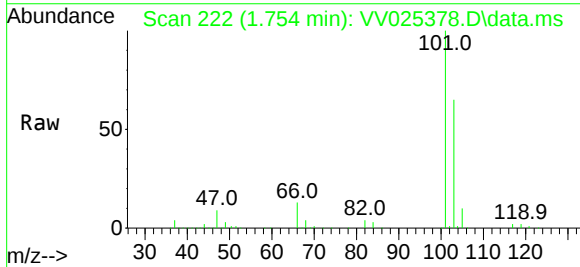
Instrument :
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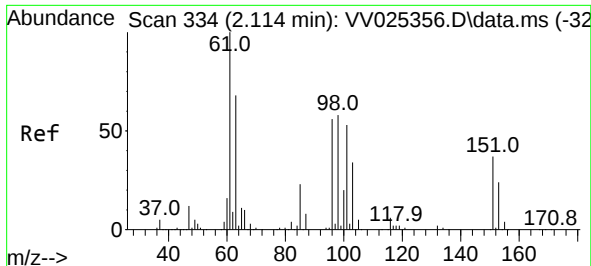
Tgt Ion: 64 Resp: 85455
Ion Ratio Lower Upper
64 100
66 31.9 23.5 43.7



#9
Trichlorofluoromethane
Concen: 4.638 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45

Tgt Ion:101 Resp: 165236
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.2

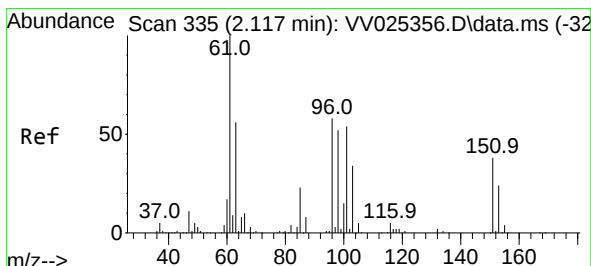
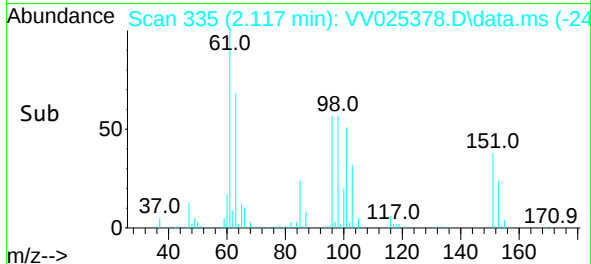
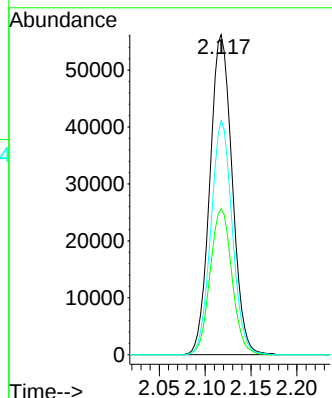
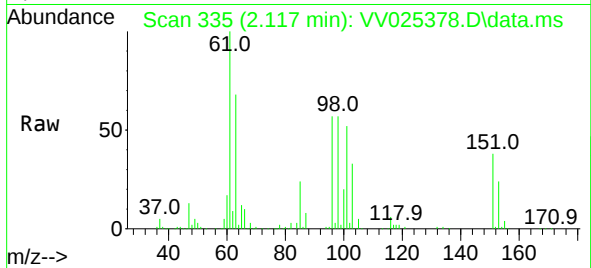




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.489 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV025378.D
 Acq: 07 Apr 2022 10:45

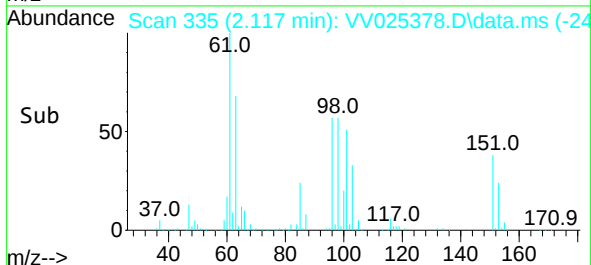
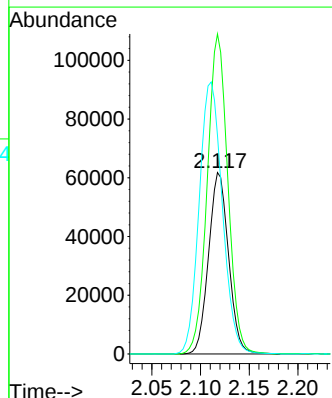
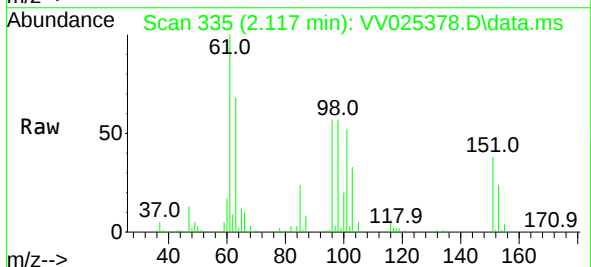
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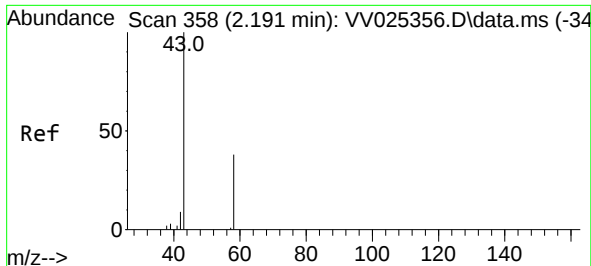
Tgt Ion:101 Resp: 94997
 Ion Ratio Lower Upper
 101 100
 85 44.6 36.0 54.0
 151 70.0 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 4.361 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV025378.D
 Acq: 07 Apr 2022 10:45

Tgt Ion: 96 Resp: 87944
 Ion Ratio Lower Upper
 96 100
 61 176.3 121.5 225.7
 63 120.4 77.9 144.7





#13

Acetone

Concen: 56.472 ug/L

RT: 2.172 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

Instrument :

MSVOA_V

ClientSampleId :

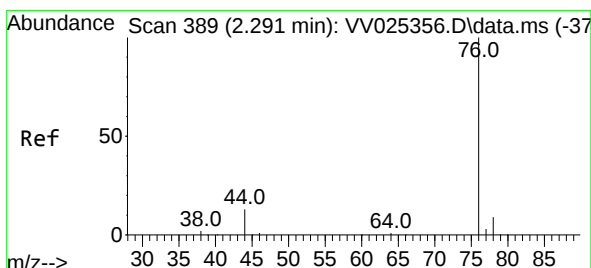
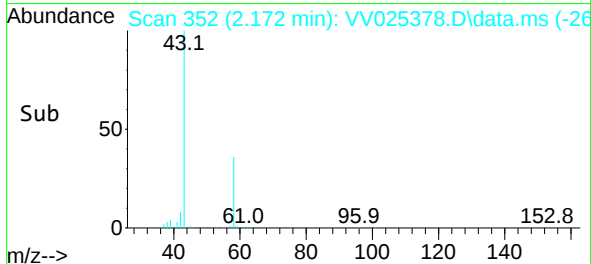
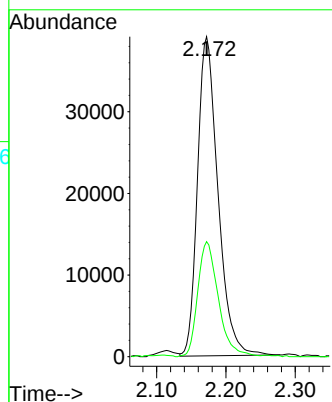
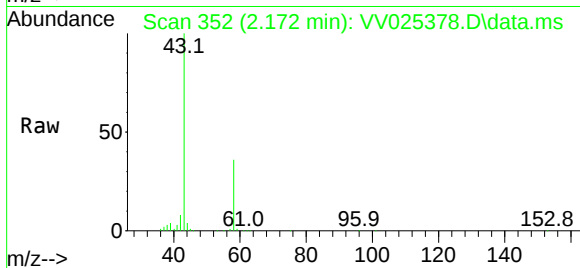
VSTD005370

Tgt Ion: 43 Resp: 80305

Ion Ratio Lower Upper

43 100

58 36.3 0.0 51.2



#14

Carbon disulfide

Concen: 4.633 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV025378.D

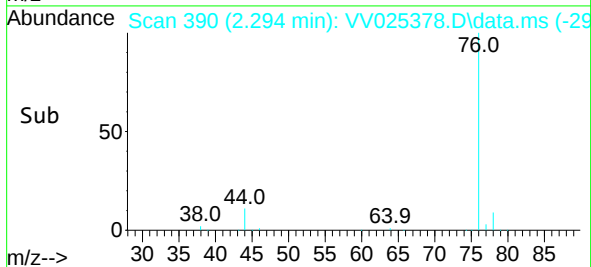
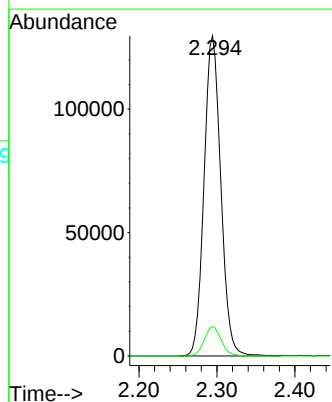
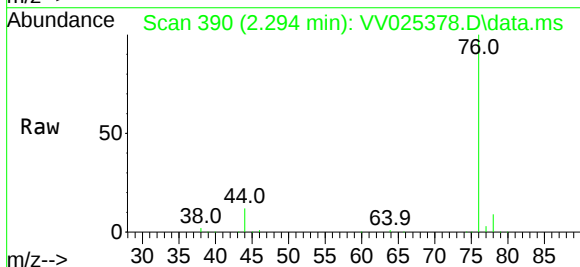
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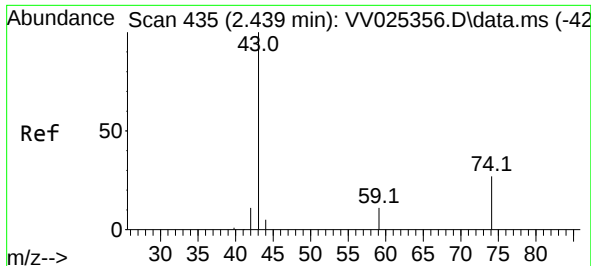
Tgt Ion: 76 Resp: 193525

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4

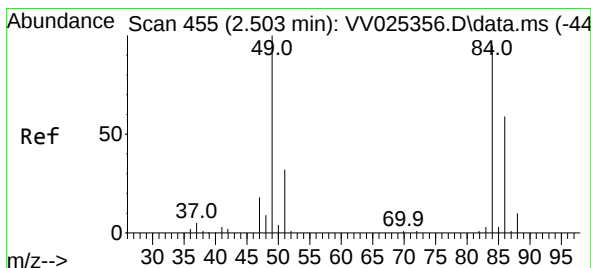
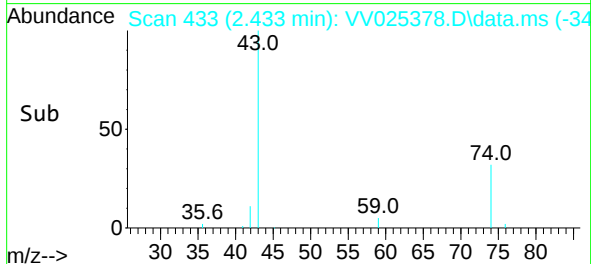
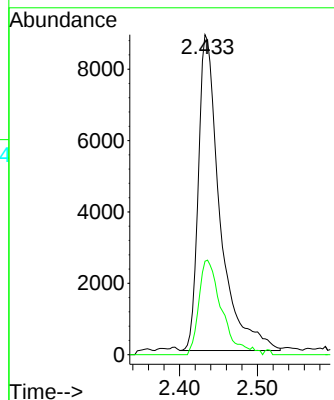
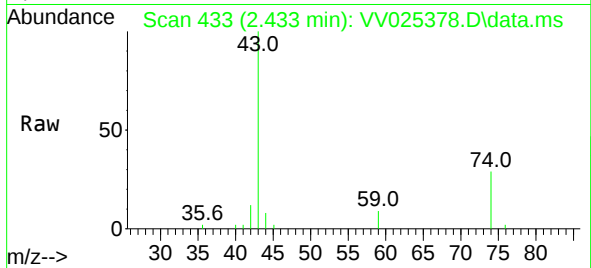




#15
Methyl Acetate
Concen: 5.262 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45

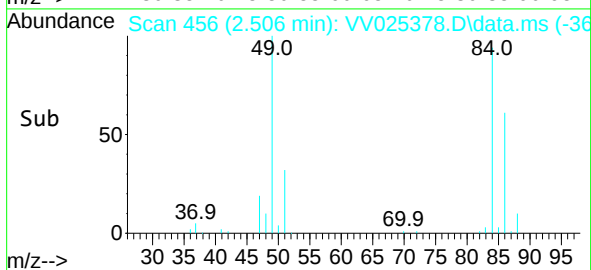
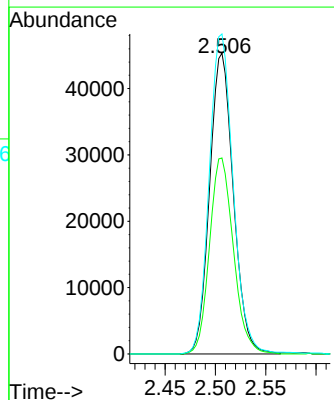
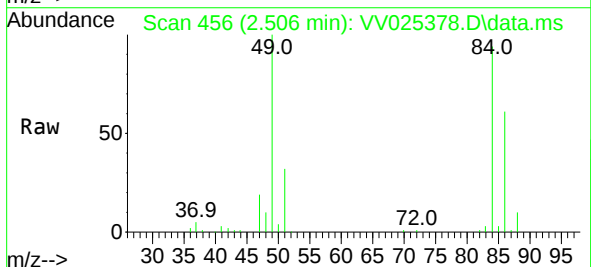
Instrument :
MSVOA_V
ClientSampleId :
VSTD005370

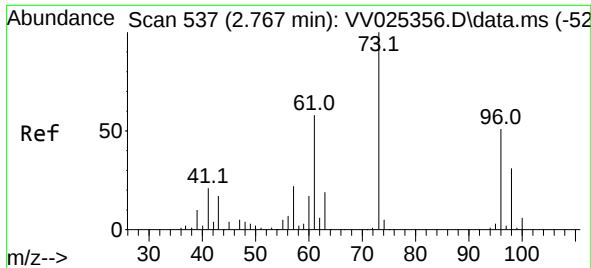
Tgt Ion: 43 Resp: 17036
Ion Ratio Lower Upper
43 100
74 31.7 20.9 31.3#



#16
Methylene chloride
Concen: 4.699 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45

Tgt Ion: 84 Resp: 74395
Ion Ratio Lower Upper
84 100
86 65.1 43.5 80.7
49 106.4 74.5 138.3

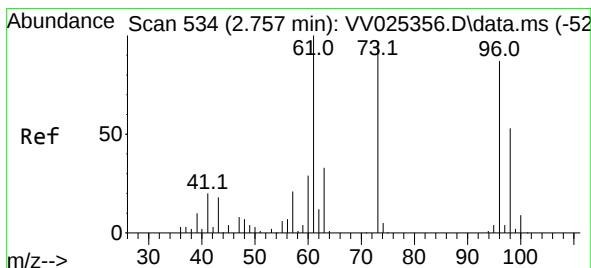
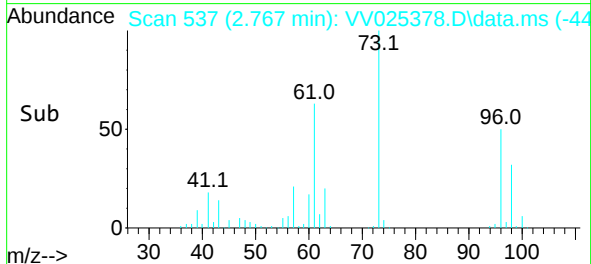
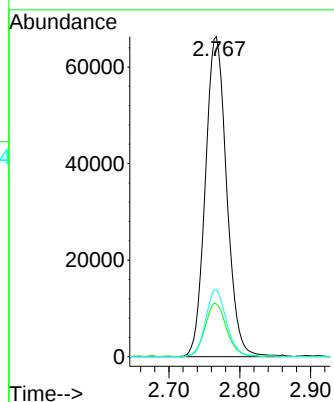
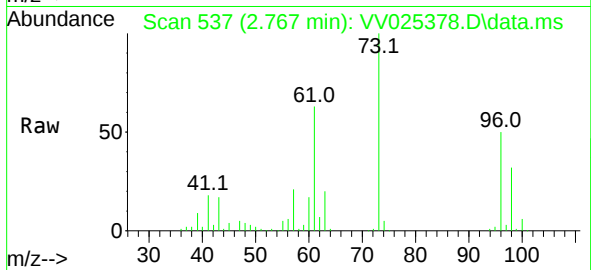




#17
Methyl tert-butyl Ether
Concen: 5.433 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45

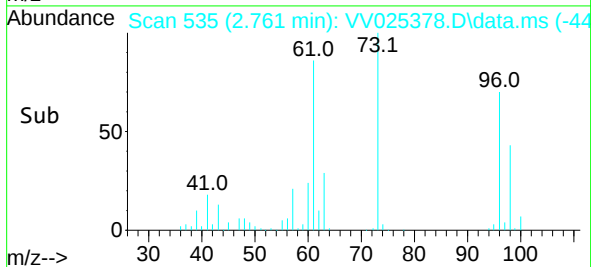
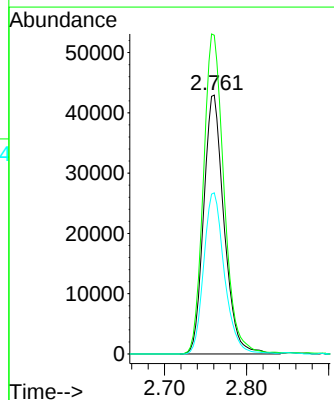
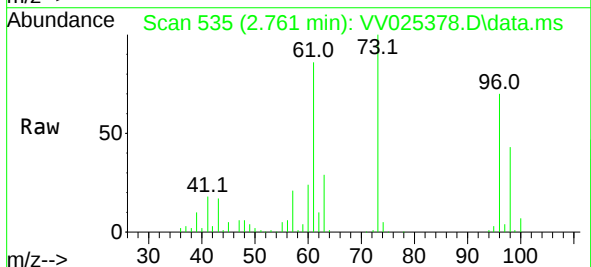
Instrument :
MSVOA_V
ClientSampleId :
VSTD005370

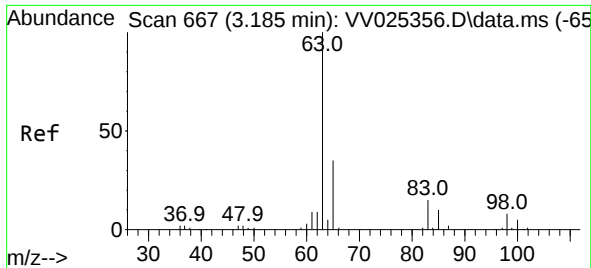
Tgt Ion: 73 Resp: 138592
Ion Ratio Lower Upper
73 100
43 17.0 13.5 20.3
57 20.5 16.4 24.6



#18
trans-1,2-Dichloroethene
Concen: 5.120 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45

Tgt Ion: 96 Resp: 74110
Ion Ratio Lower Upper
96 100
61 123.1 87.6 162.8
98 62.2 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.283 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD005370

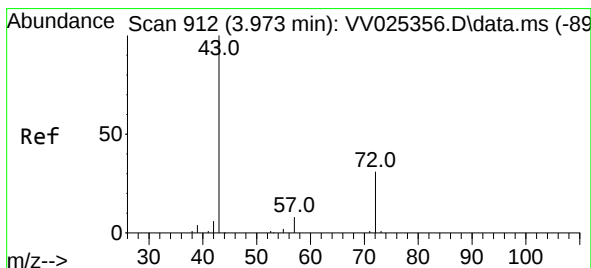
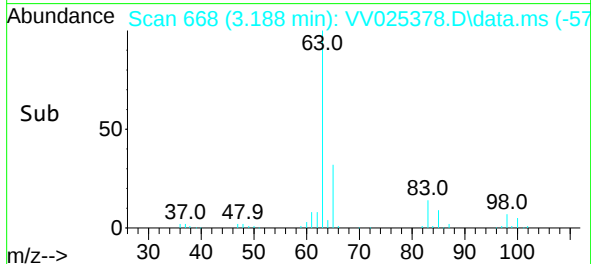
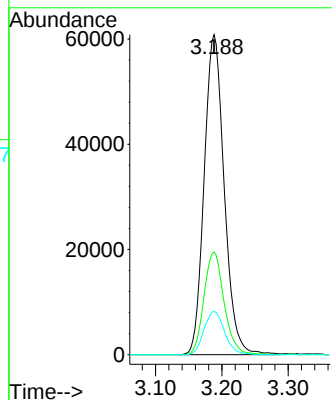
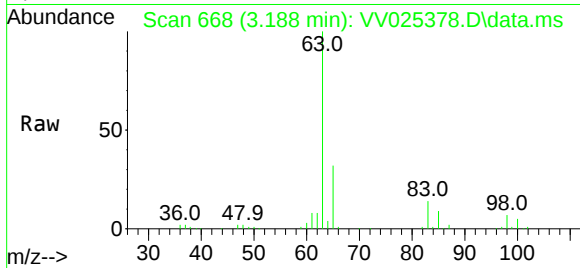
Tgt Ion: 63 Resp: 127648

Ion Ratio Lower Upper

63 100

65 32.1 22.0 40.8

83 13.6 10.2 19.0



#21

2-Butanone

Concen: 55.065 ug/L

RT: 3.963 min Scan# 909

Delta R.T. -0.010 min

Lab File: VV025378.D

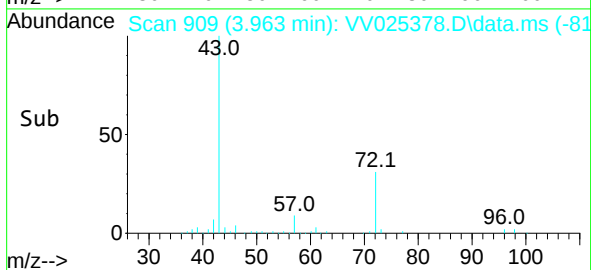
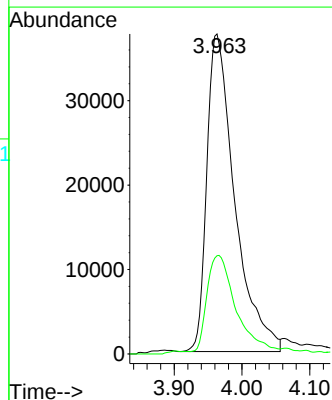
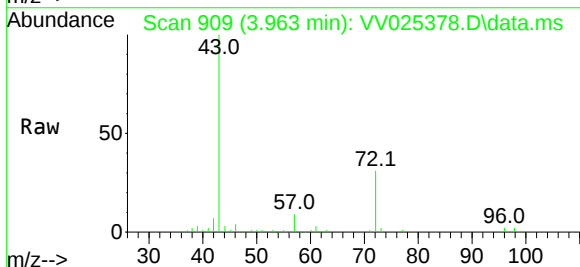
Acq: 07 Apr 2022 10:45

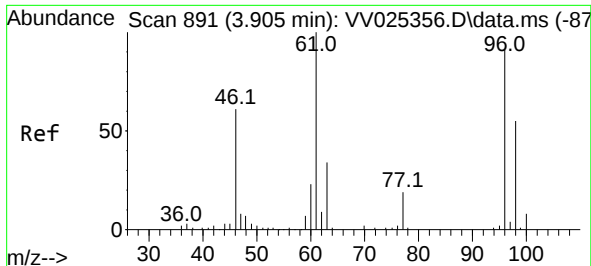
Tgt Ion: 43 Resp: 107747

Ion Ratio Lower Upper

43 100

72 31.2 11.8 35.4

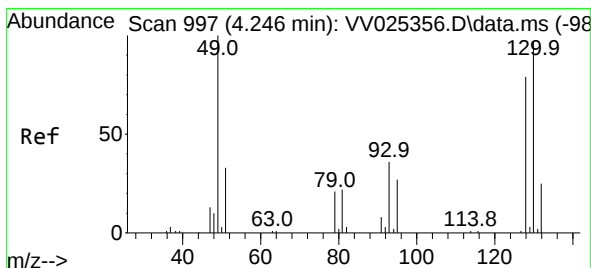
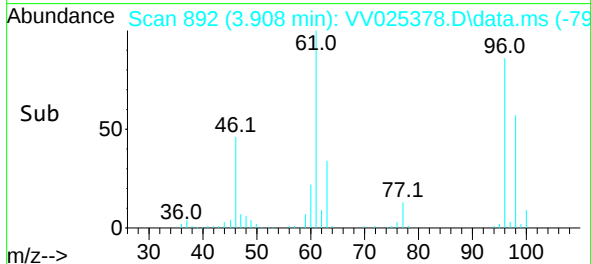
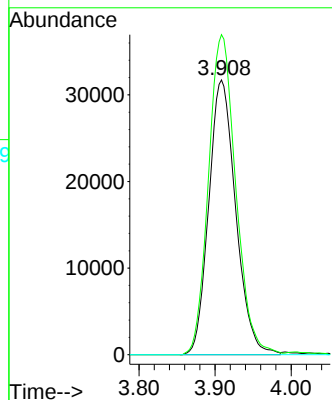
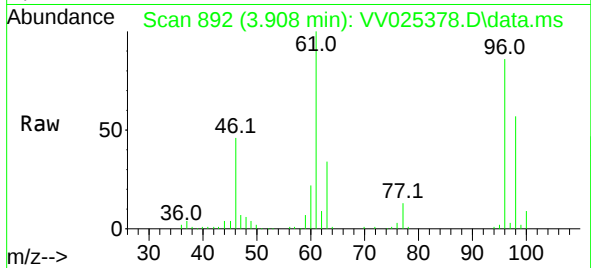




#22
 cis-1,2-Dichloroethene
 Concen: 5.307 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV025378.D
 Acq: 07 Apr 2022 10:45

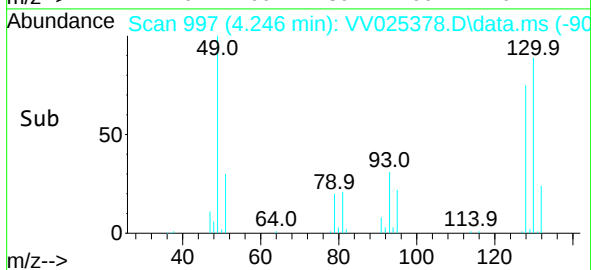
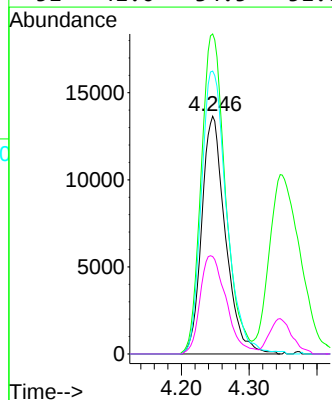
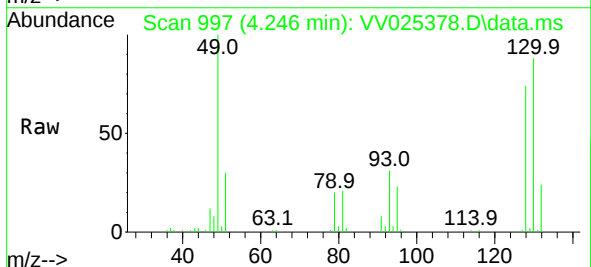
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005370

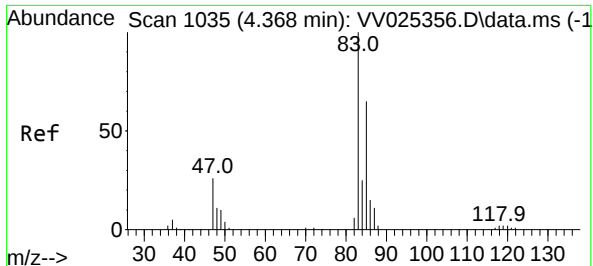
Tgt Ion: 96 Resp: 78032
 Ion Ratio Lower Upper
 96 100
 61 116.5 84.1 156.1
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.383 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VV025378.D
 Acq: 07 Apr 2022 10:45

Tgt Ion: 128 Resp: 33017
 Ion Ratio Lower Upper
 128 100
 49 134.6 101.4 188.4
 130 119.0 85.0 158.0
 51 41.0 34.5 51.7

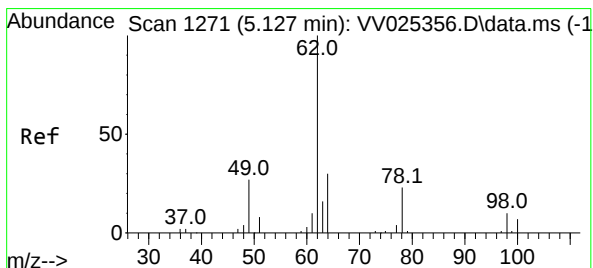
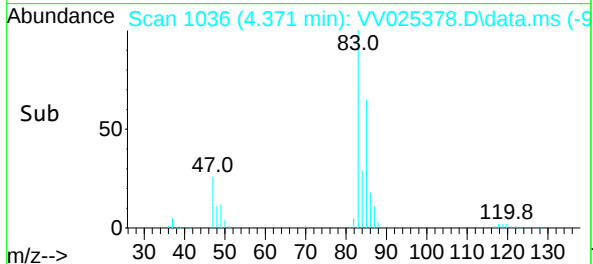
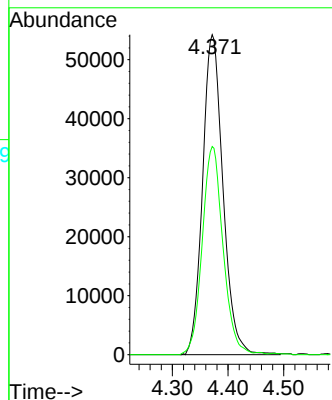
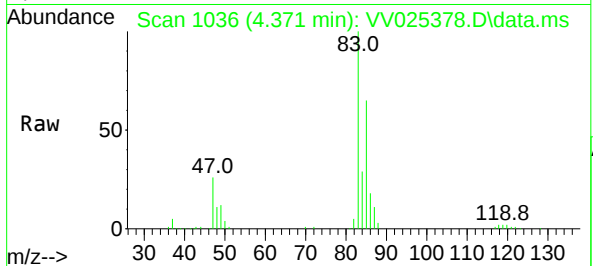




#25
Chloroform
Concen: 5.156 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45

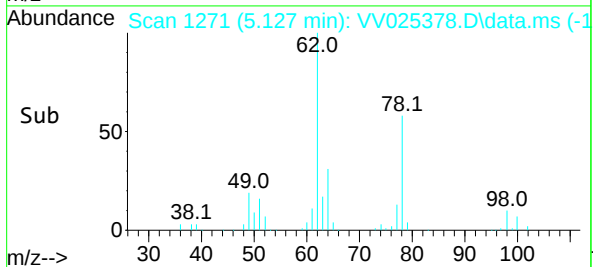
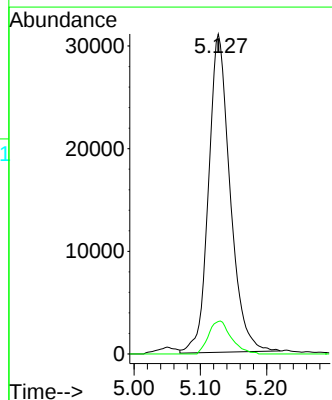
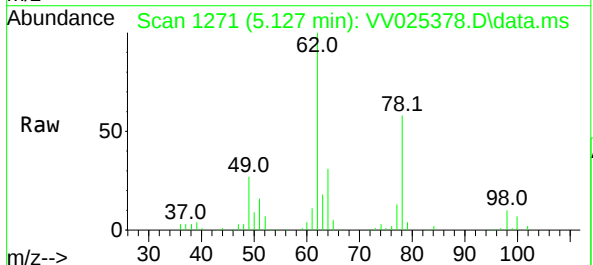
Instrument :
MSVOA_V
ClientSampleId :
VSTD005370

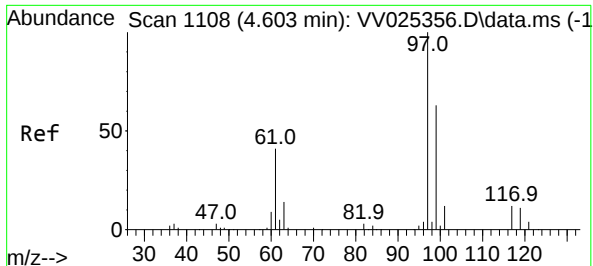
Tgt Ion: 83 Resp: 138225
Ion Ratio Lower Upper
83 100
85 65.0 44.7 82.9



#27
1,2-Dichloroethane
Concen: 5.061 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45

Tgt Ion: 62 Resp: 70067
Ion Ratio Lower Upper
62 100
98 10.1 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.401 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD005370

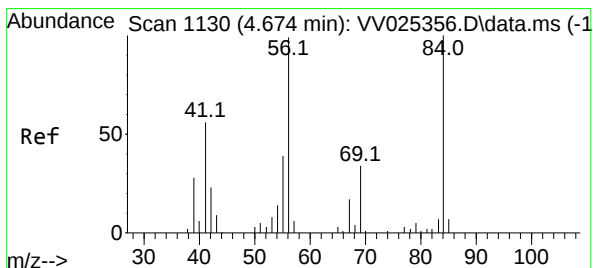
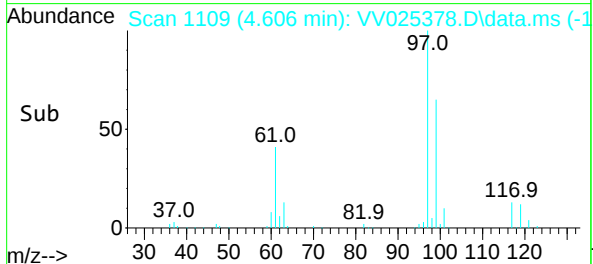
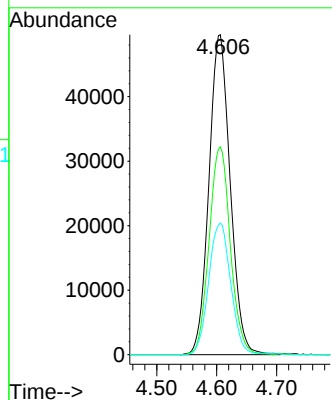
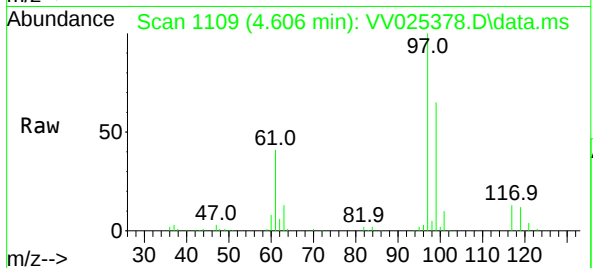
Tgt Ion: 97 Resp: 122503

Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 42.5 34.2 51.2



#30

Cyclohexane

Concen: 5.204 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

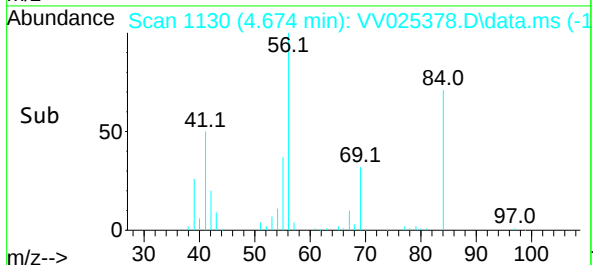
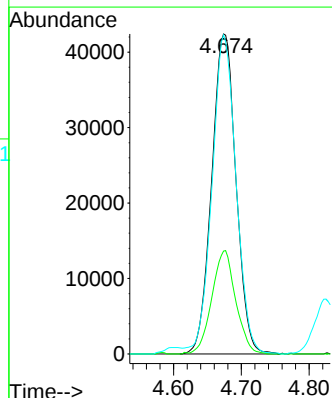
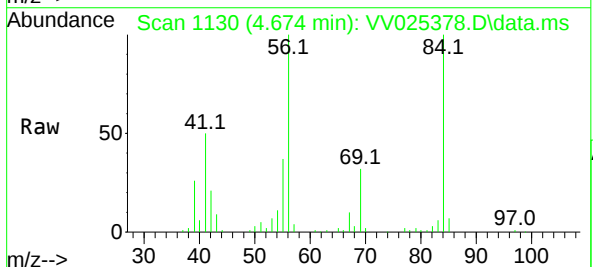
Tgt Ion: 56 Resp: 105554

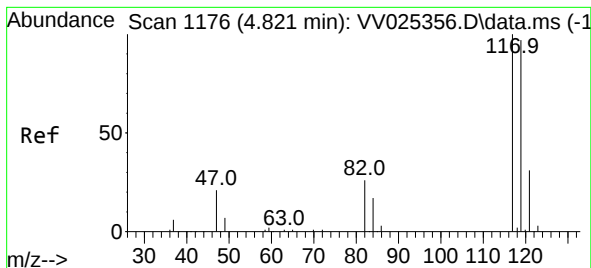
Ion Ratio Lower Upper

56 100

69 31.8 25.3 37.9

84 98.7 78.4 117.6





#31

Carbon tetrachloride

Concen: 5.310 ug/L

RT: 4.825 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

Instrument :

MSVOA_V

ClientSampleId :

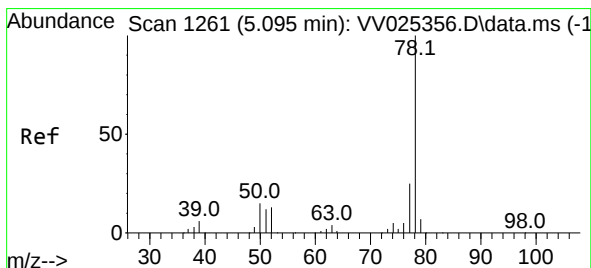
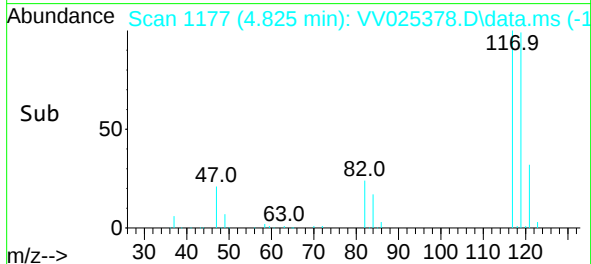
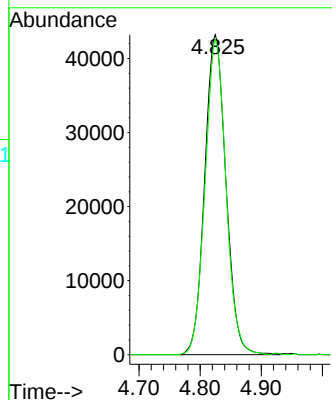
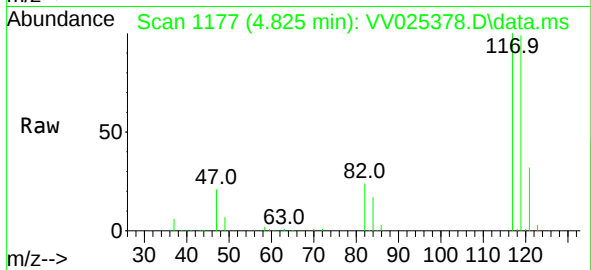
VSTD005370

Tgt Ion:117 Resp: 104252

Ion Ratio Lower Upper

117 100

119 96.8 77.8 116.6



#33

Benzene

Concen: 5.445 ug/L

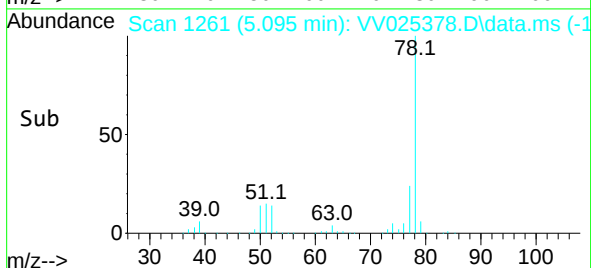
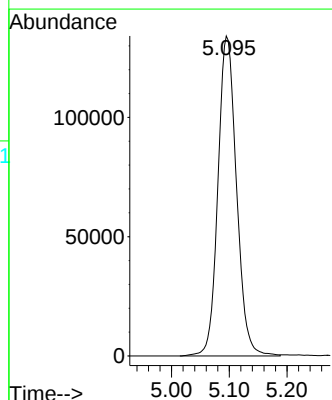
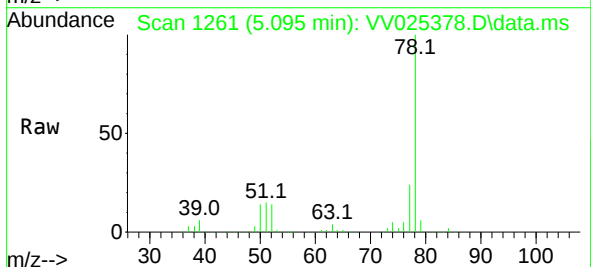
RT: 5.095 min Scan# 1261

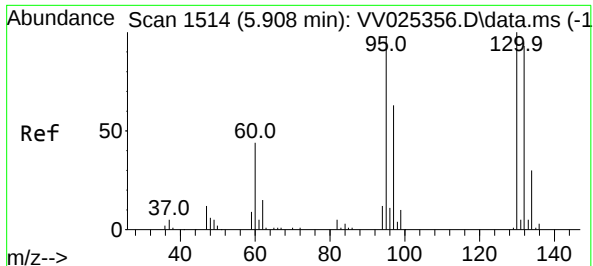
Delta R.T. 0.000 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

Tgt Ion: 78 Resp: 299582

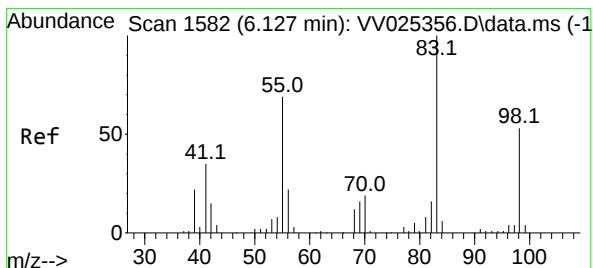
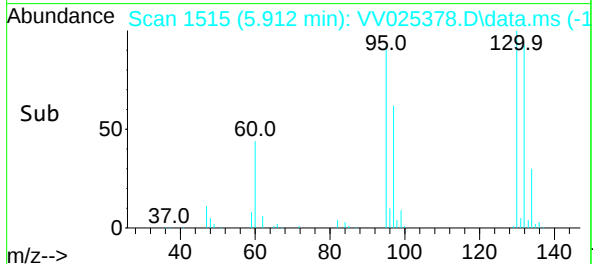
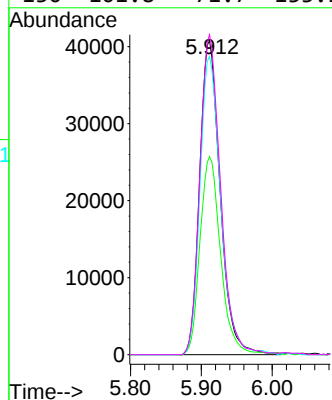
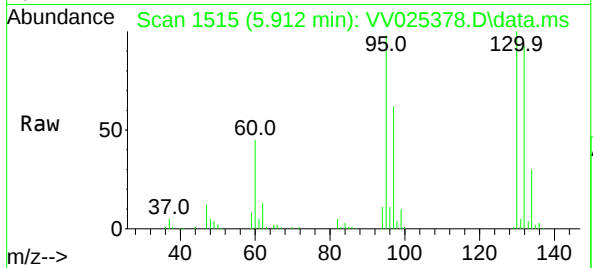




#34
Trichloroethene
Concen: 5.408 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45

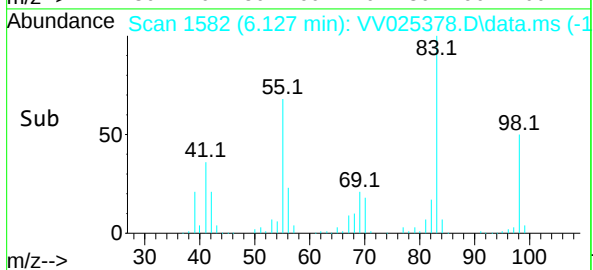
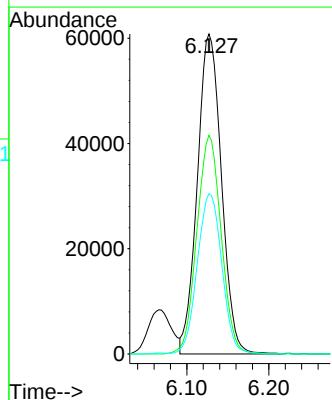
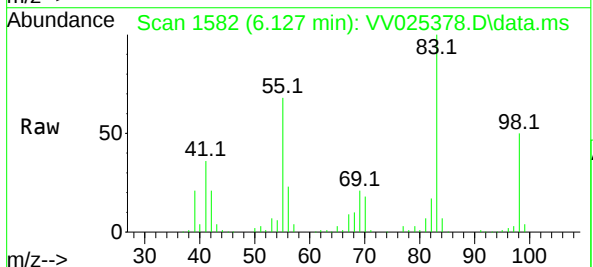
Instrument :
MSVOA_V
ClientSampleId :
VSTD005370

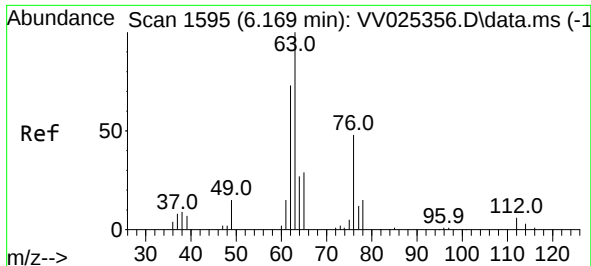
Tgt Ion: 95 Resp: 81701
Ion Ratio Lower Upper
95 100
97 63.0 46.3 85.9
132 94.8 65.2 121.2
130 101.8 71.7 133.1



#35
Methylcyclohexane
Concen: 5.250 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45

Tgt Ion: 83 Resp: 124290
Ion Ratio Lower Upper
83 100
55 68.8 54.6 81.8
98 51.0 39.8 59.6





#37

1,2-Dichloropropane

Concen: 5.485 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

Instrument :

MSVOA_V

ClientSampleId :

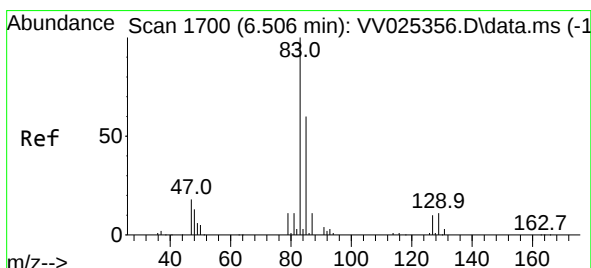
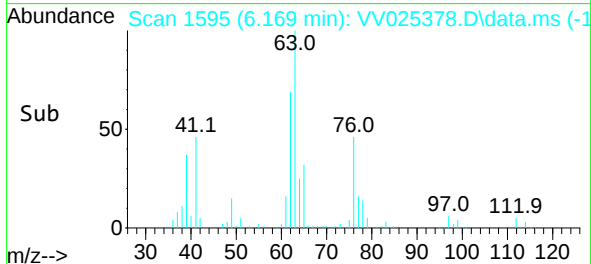
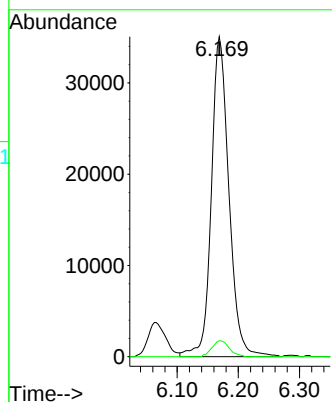
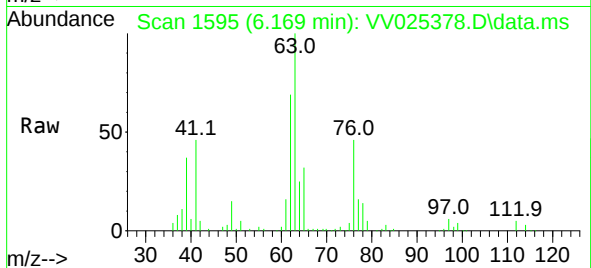
VSTD005370

Tgt Ion: 63 Resp: 70001

Ion Ratio Lower Upper

63 100

112 4.9 4.2 6.2



#38

Bromodichloromethane

Concen: 5.529 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

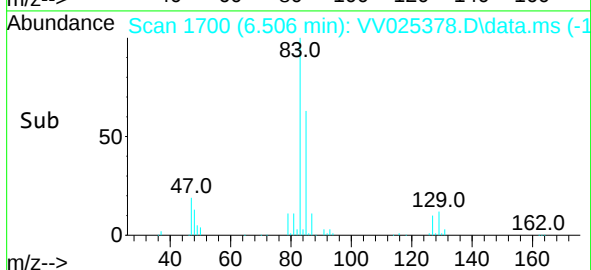
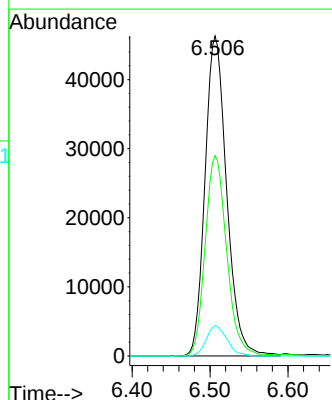
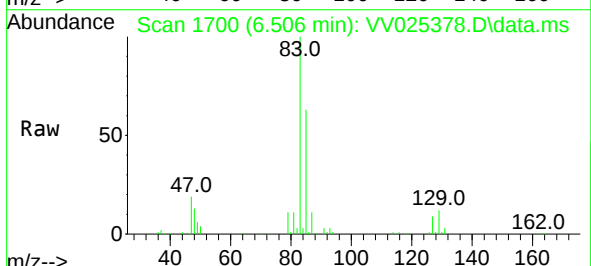
Tgt Ion: 83 Resp: 89397

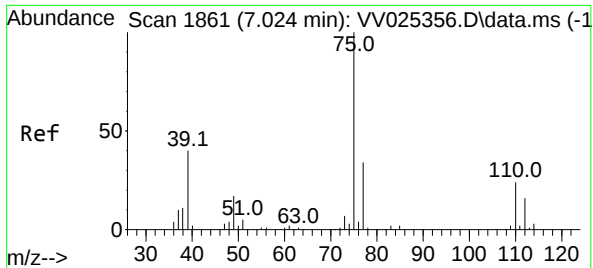
Ion Ratio Lower Upper

83 100

85 62.6 47.2 87.6

127 9.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.518 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

Instrument :

MSVOA_V

ClientSampleId :

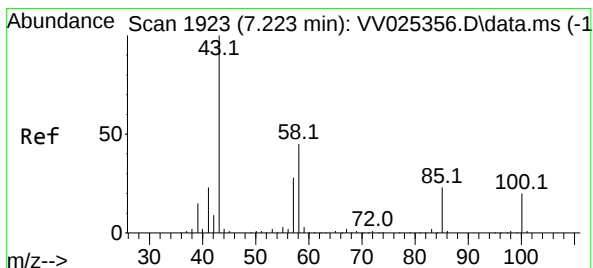
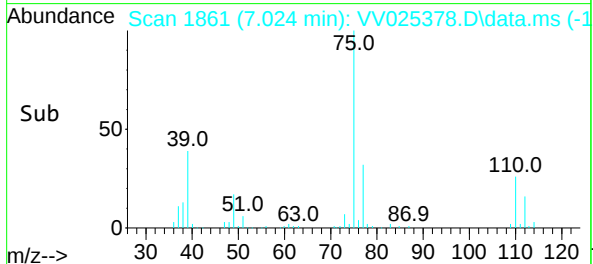
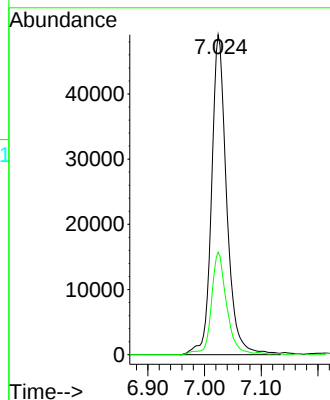
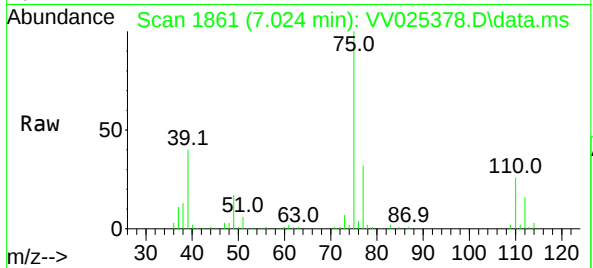
VSTD005370

Tgt Ion: 75 Resp: 91322

Ion Ratio Lower Upper

75 100

77 32.0 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 55.619 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

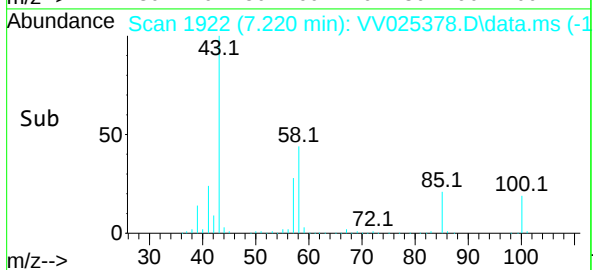
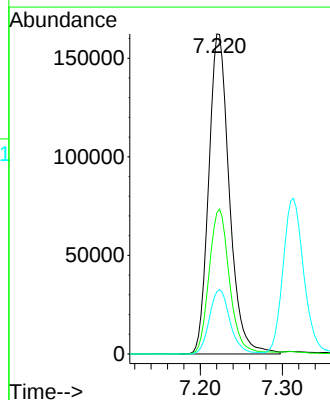
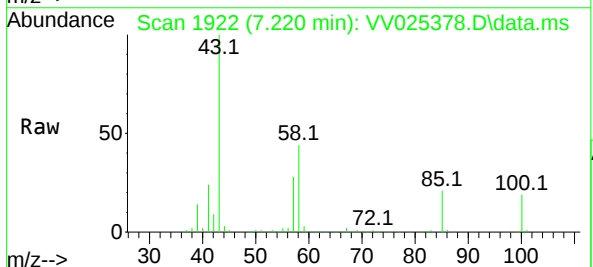
Tgt Ion: 43 Resp: 283422

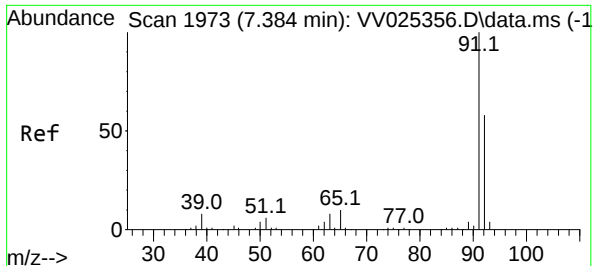
Ion Ratio Lower Upper

43 100

58 45.0 35.1 52.7

100 20.1 15.5 23.3





#42

Toluene

Concen: 5.548 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

Instrument :

MSVOA_V

ClientSampleId :

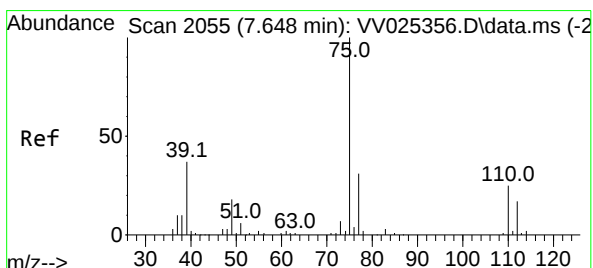
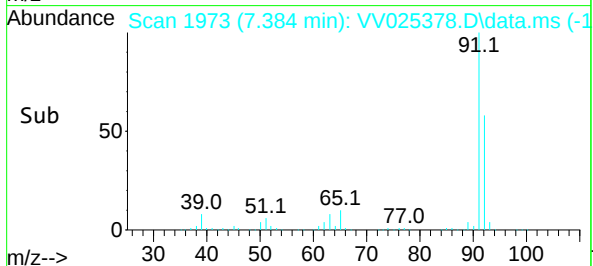
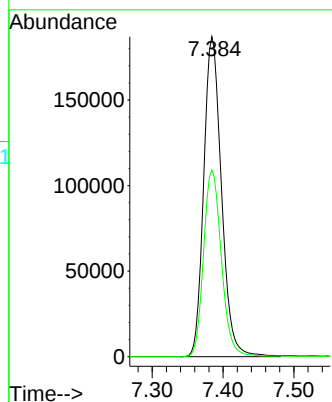
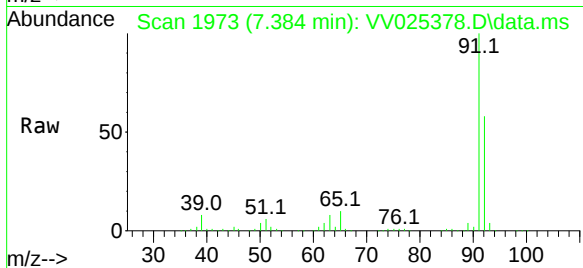
VSTD005370

Tgt Ion: 91 Resp: 325840

Ion Ratio Lower Upper

91 100

92 58.3 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.529 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV025378.D

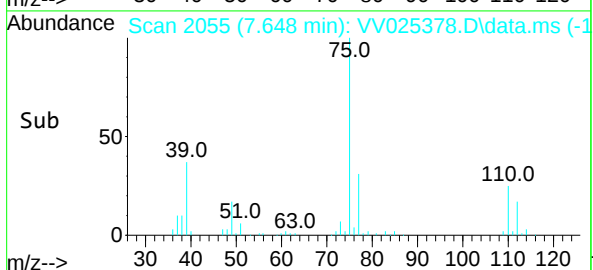
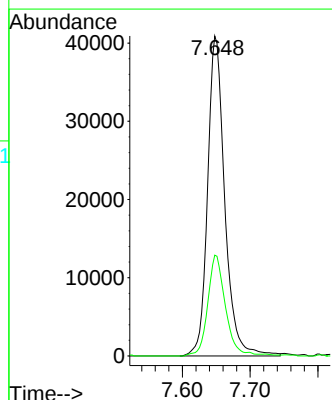
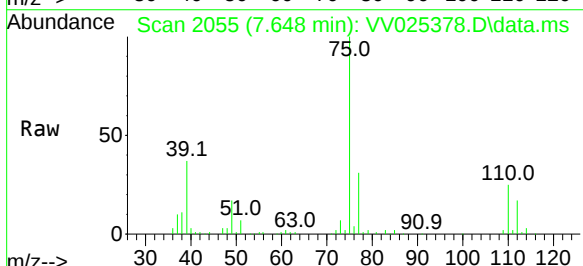
Acq: 07 Apr 2022 10:45

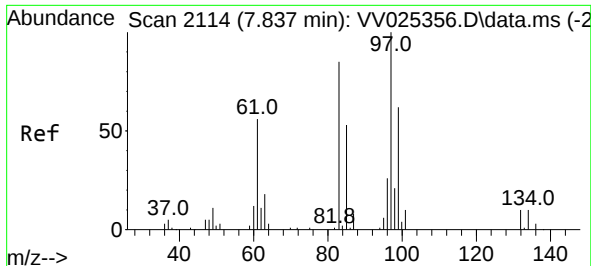
Tgt Ion: 75 Resp: 71924

Ion Ratio Lower Upper

75 100

77 31.5 24.2 45.0





#45

1,1,2-Trichloroethane

Concen: 5.453 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD005370

Tgt Ion: 97 Resp: 47652

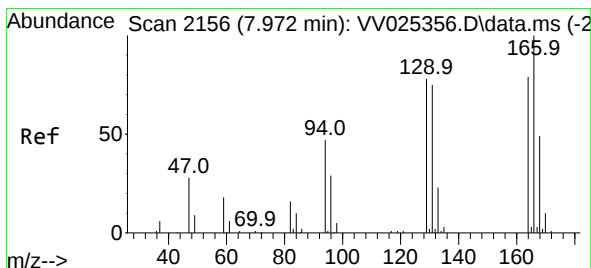
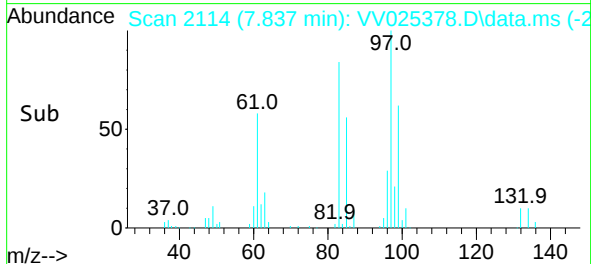
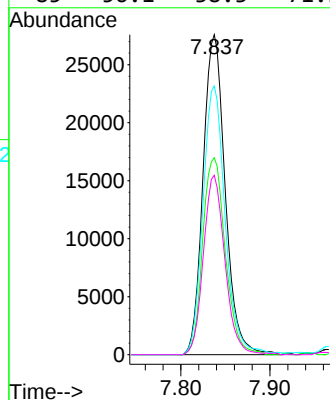
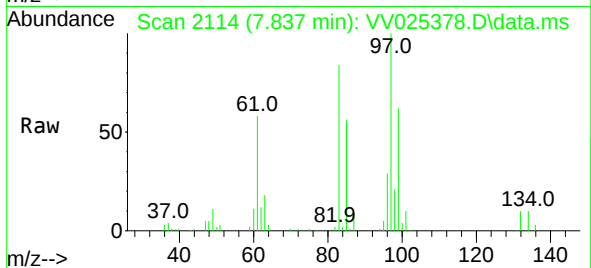
Ion Ratio Lower Upper

97 100

99 61.6 43.3 80.5

83 84.0 58.0 107.6

85 56.1 38.3 71.1



#47

Tetrachloroethene

Concen: 5.665 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

Tgt Ion:164 Resp: 63107

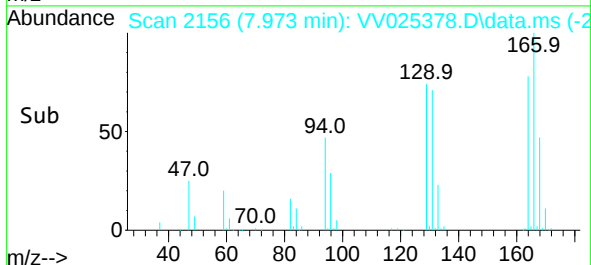
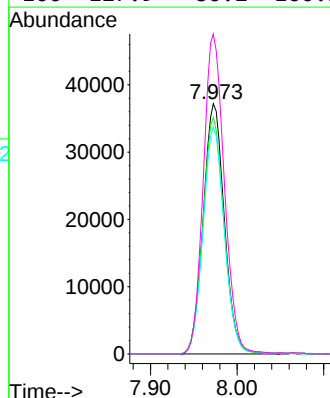
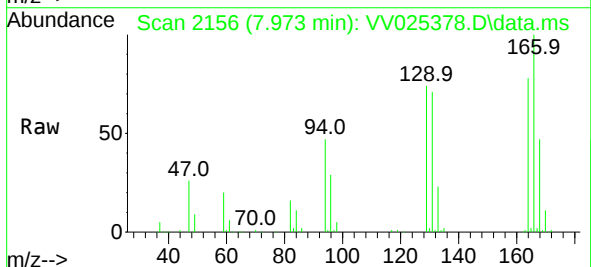
Ion Ratio Lower Upper

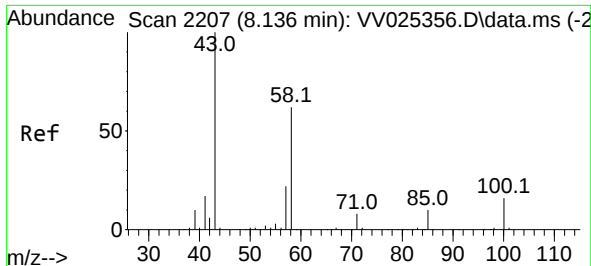
164 100

129 94.5 67.5 125.4

131 90.8 68.0 126.4

166 127.9 86.2 160.2

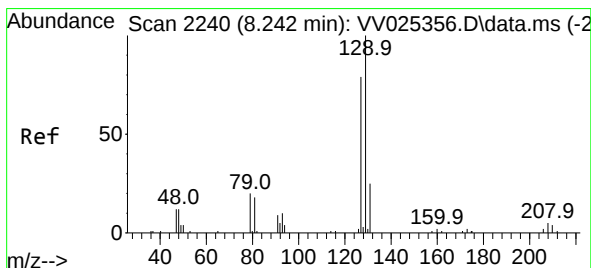
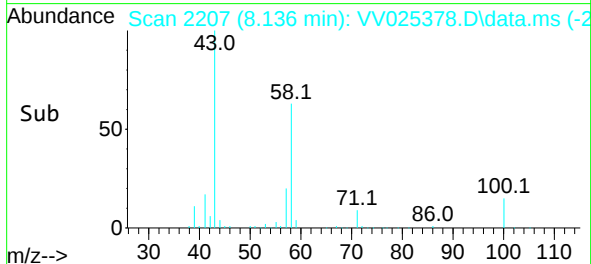
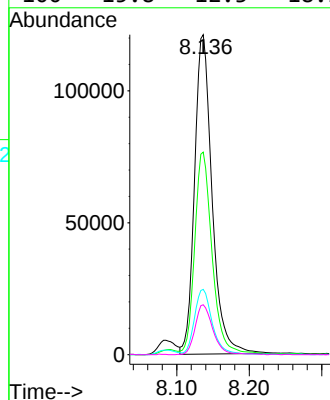
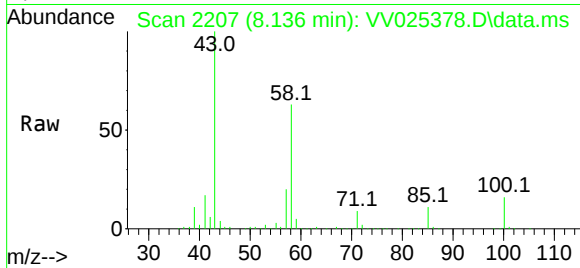




#48
2-Hexanone
Concen: 55.884 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45

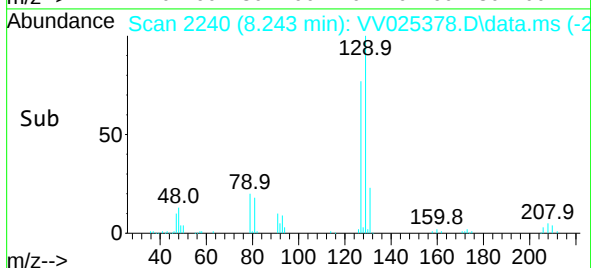
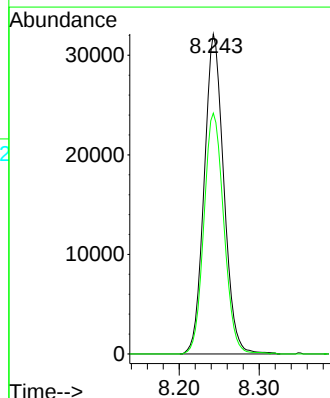
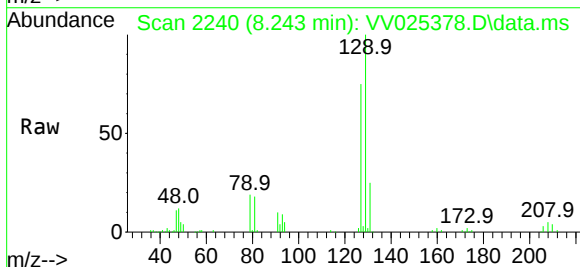
Instrument :
MSVOA_V
ClientSampleId :
VSTD005370

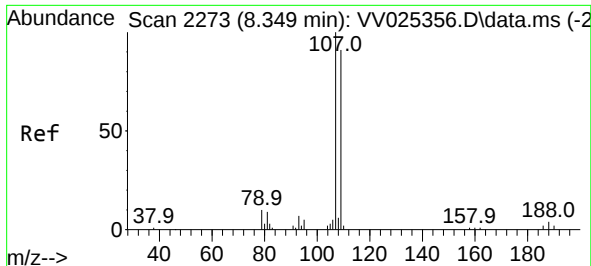
Tgt Ion: 43 Resp: 203675
Ion Ratio Lower Upper
43 100
58 62.7 48.5 72.7
57 20.5 16.9 25.3
100 15.8 12.3 18.5



#49
Dibromochloromethane
Concen: 5.828 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45

Tgt Ion: 129 Resp: 54802
Ion Ratio Lower Upper
129 100
127 75.3 54.1 100.5





#50

1,2-Dibromoethane

Concen: 5.226 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

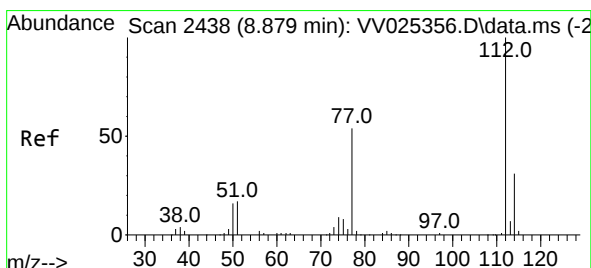
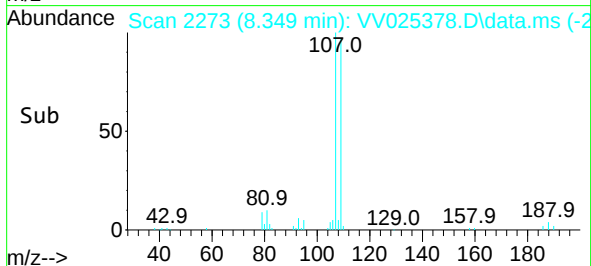
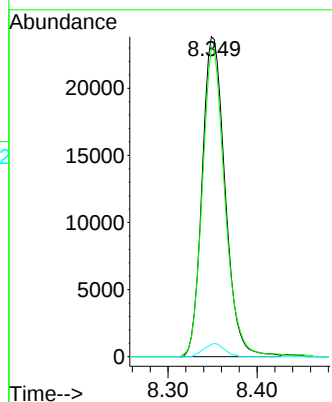
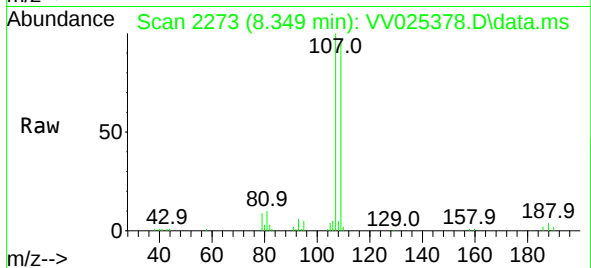
Instrument :

MSVOA_V

ClientSampleId :

VSTD005370

Tgt Ion:107	Resp:	42544
Ion	Ratio	Lower Upper
107	100	
109	96.8	64.7 120.1
188	3.8	2.2 3.4#



#51

Chlorobenzene

Concen: 5.525 ug/L

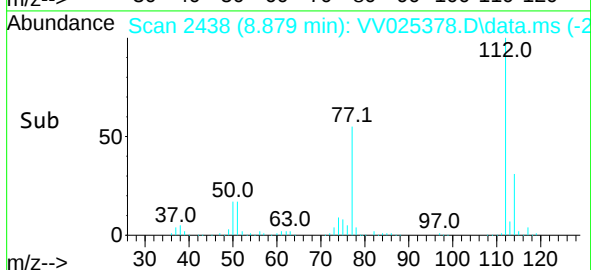
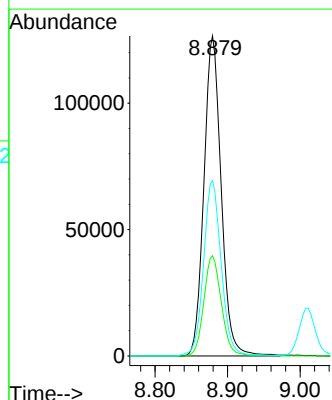
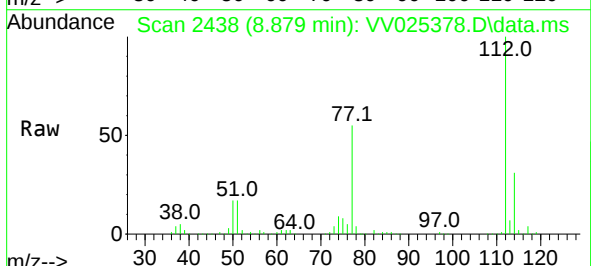
RT: 8.879 min Scan# 2438

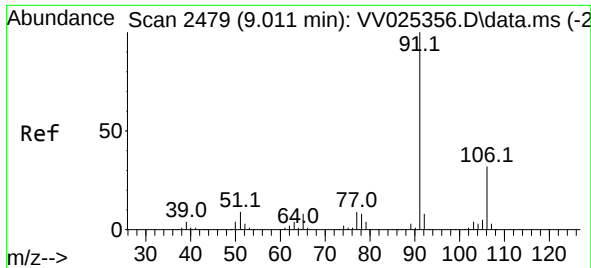
Delta R.T. 0.000 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

Tgt Ion:112	Resp:	209561
Ion	Ratio	Lower Upper
112	100	
114	31.3	21.9 40.7
77	54.8	44.2 66.4

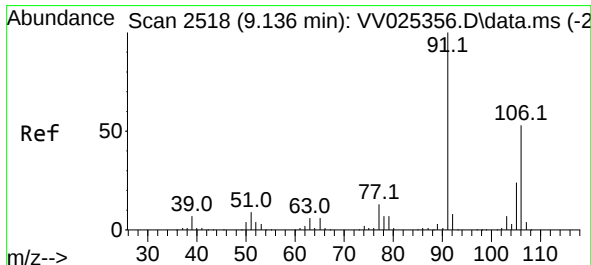
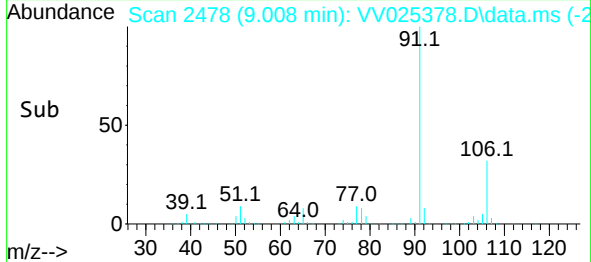
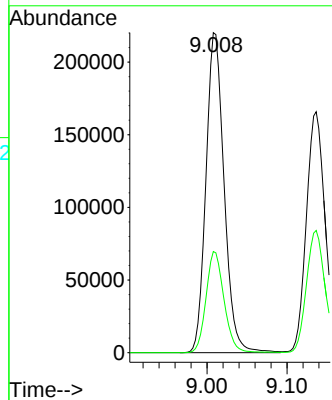
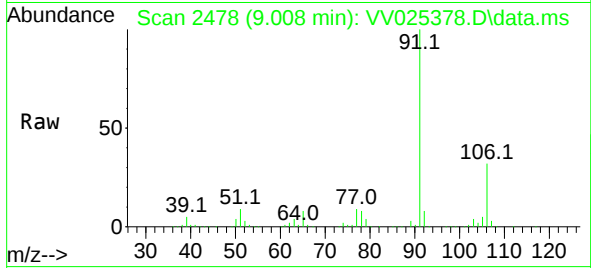




#52
Ethylbenzene
Concen: 5.595 ug/L
RT: 9.008 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45

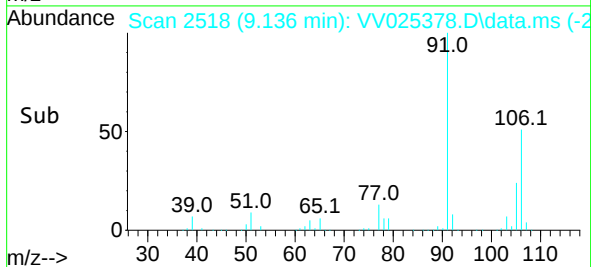
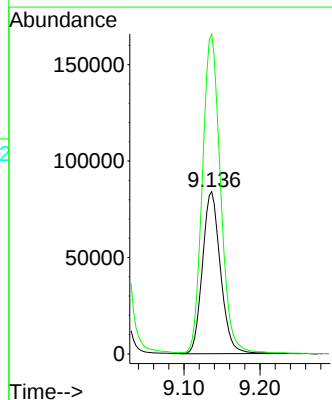
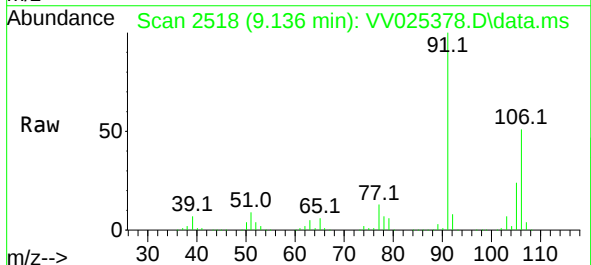
Instrument :
MSVOA_V
ClientSampleId :
VSTD005370

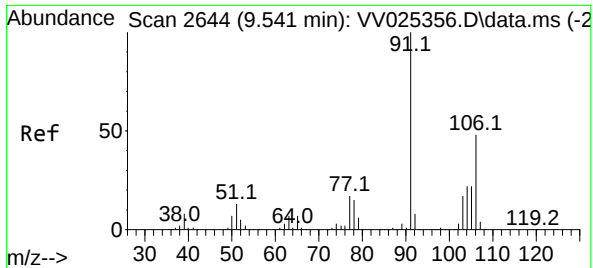
Tgt Ion: 91 Resp: 348550
Ion Ratio Lower Upper
91 100
106 31.6 21.7 40.3



#53
m,p-Xylene
Concen: 5.700 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45

Tgt Ion: 106 Resp: 138101
Ion Ratio Lower Upper
106 100
91 197.2 136.8 254.0

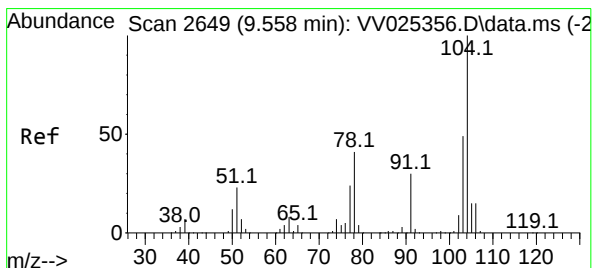
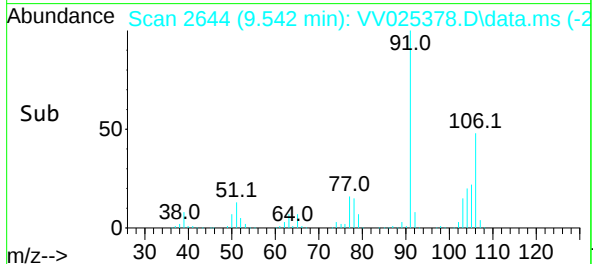
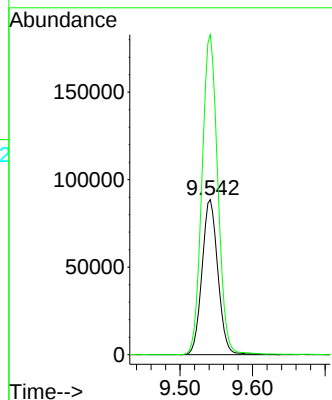
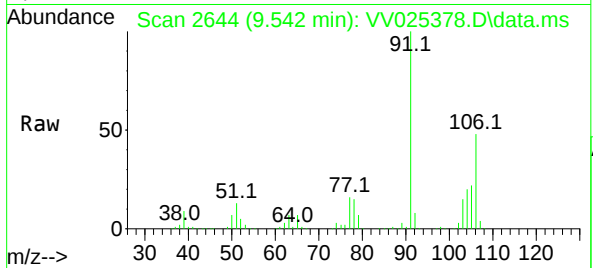




#54
o-Xylene
Concen: 5.813 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45

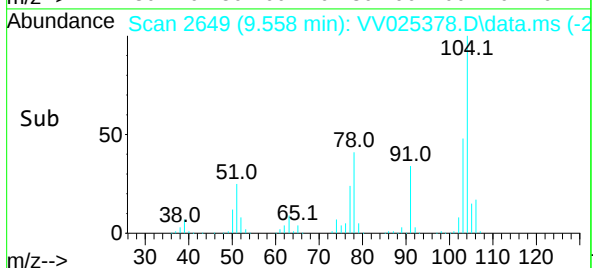
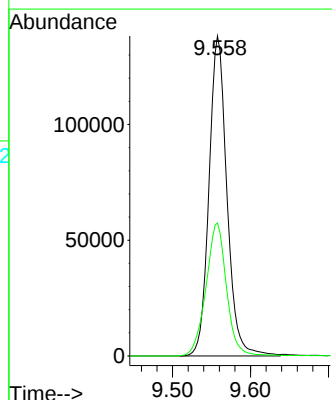
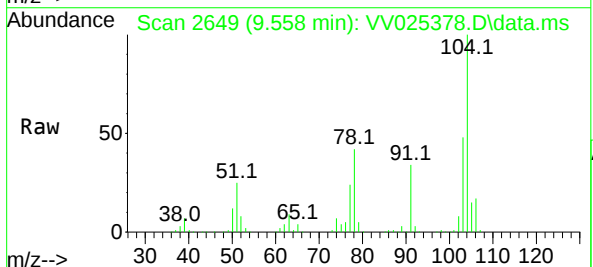
Instrument :
MSVOA_V
ClientSampleId :
VSTD005370

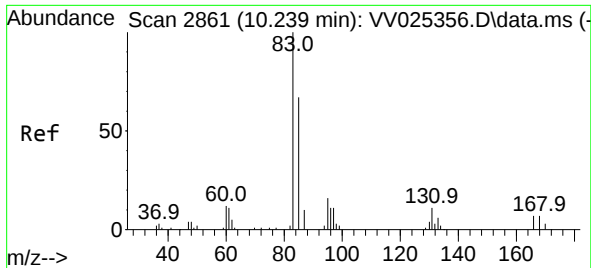
Tgt Ion:106 Resp: 134631
Ion Ratio Lower Upper
106 100
91 206.3 143.0 265.6



#55
Styrene
Concen: 5.808 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45

Tgt Ion:104 Resp: 221203
Ion Ratio Lower Upper
104 100
78 41.6 30.1 55.9

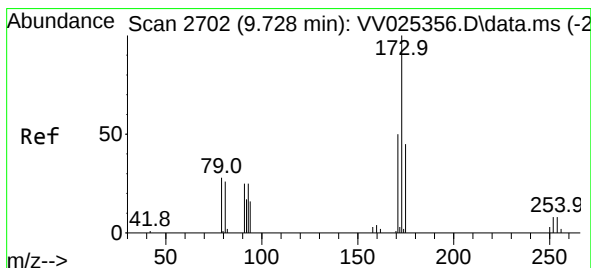
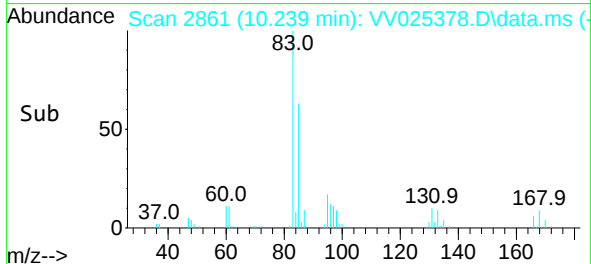
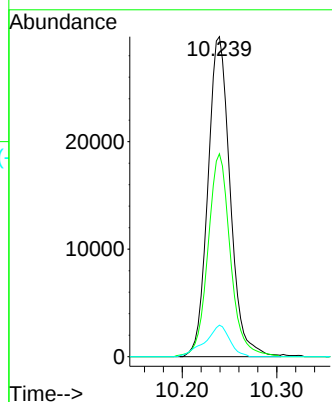
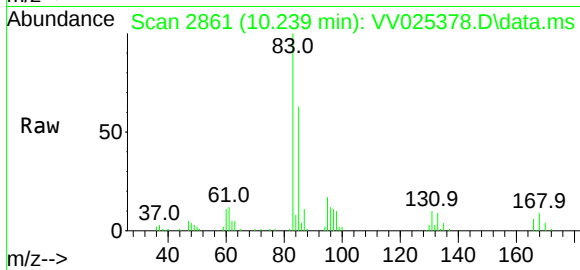




#57
1,1,2,2-Tetrachloroethane
Concen: 5.339 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45

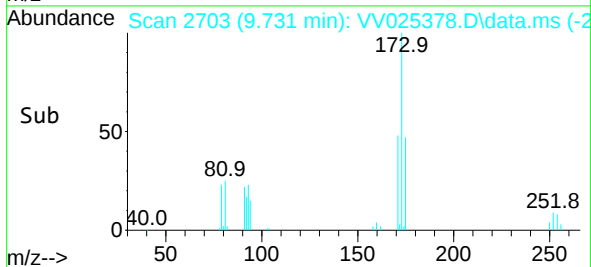
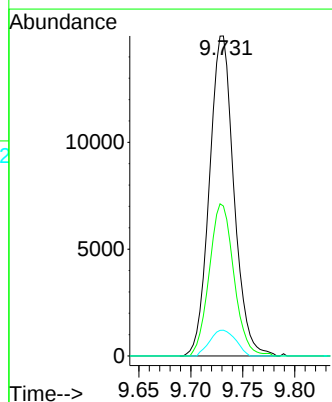
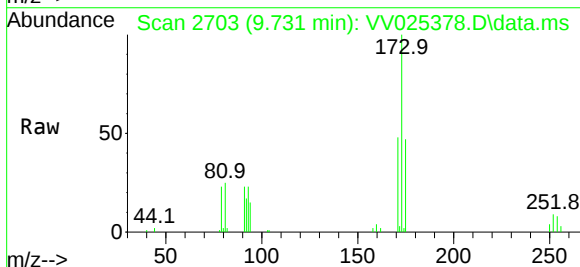
Instrument :
MSVOA_V
ClientSampleId :
VSTD005370

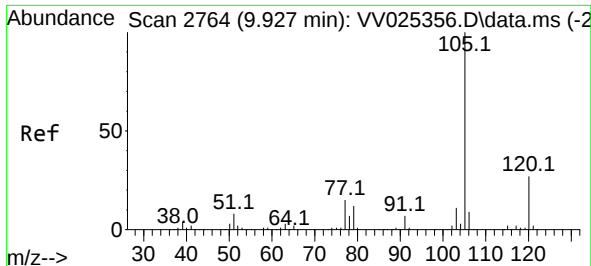
Tgt Ion: 83 Resp: 48636
Ion Ratio Lower Upper
83 100
85 63.4 46.2 85.8
131 9.8 8.1 12.1



#59
Bromoform
Concen: 6.415 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45

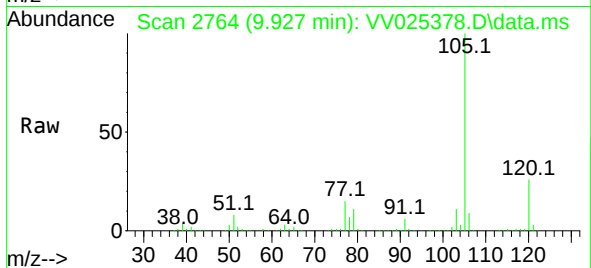
Tgt Ion: 173 Resp: 24546
Ion Ratio Lower Upper
173 100
175 47.9 39.4 59.0
254 8.5 5.6 8.4



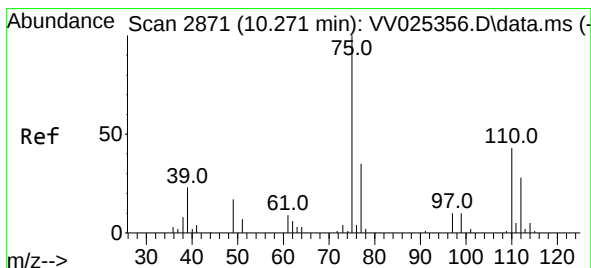
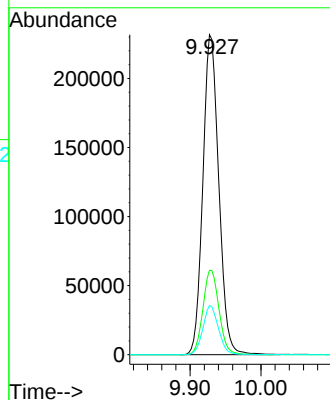
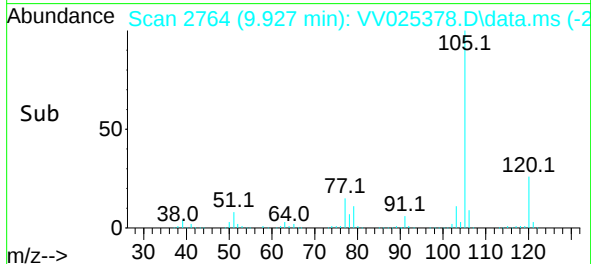


#60
Isopropylbenzene
Concen: 5.821 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45

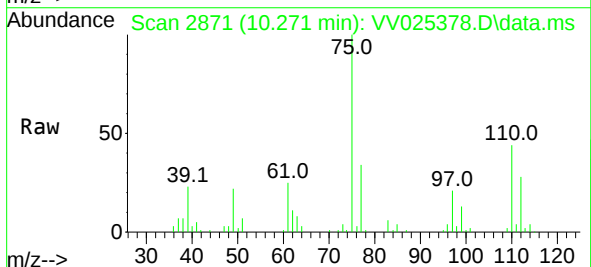
Instrument :
MSVOA_V
ClientSampleId :
VSTD005370



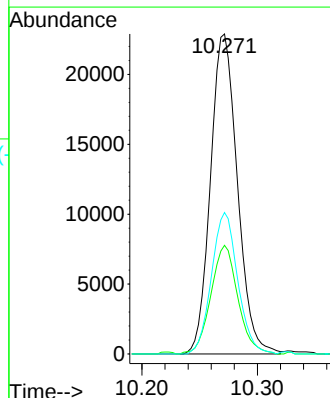
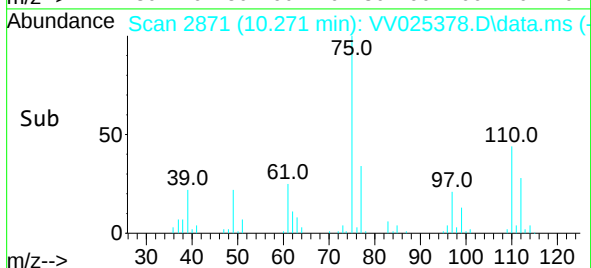
Tgt Ion:105 Resp: 361366
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 15.0 12.6 18.8

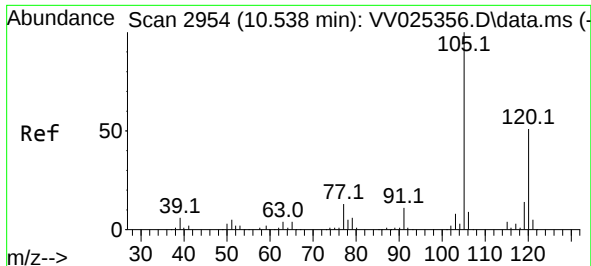


#61
1,2,3-Trichloropropane
Concen: 5.240 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45



Tgt Ion: 75 Resp: 37116
Ion Ratio Lower Upper
75 100
77 34.0 25.8 38.6
110 43.1 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 5.702 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

Instrument :

MSVOA_V

ClientSampleId :

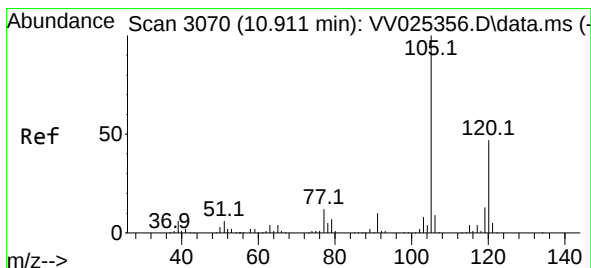
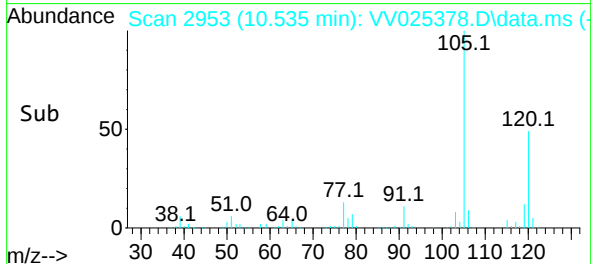
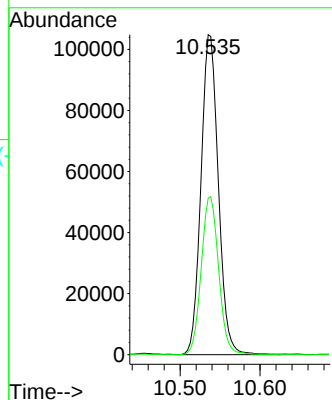
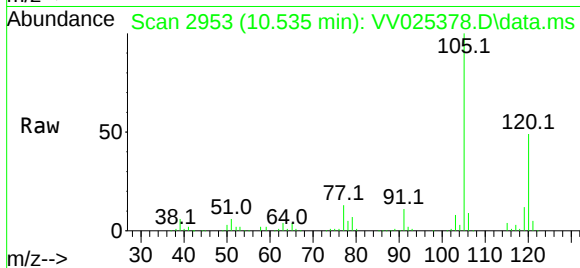
VSTD005370

Tgt Ion:105 Resp: 158732

Ion Ratio Lower Upper

105 100

120 49.6 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.835 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV025378.D

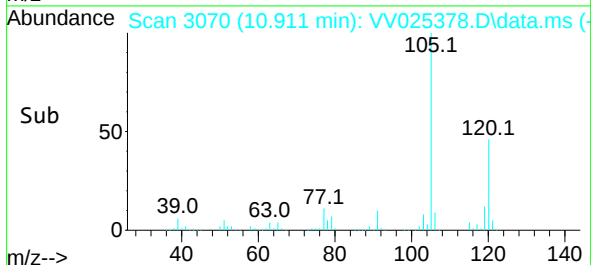
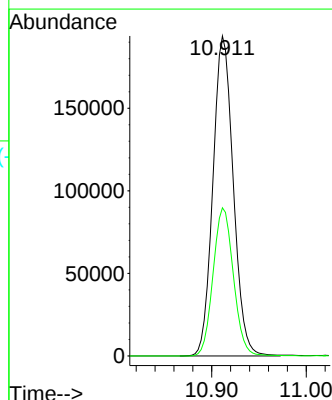
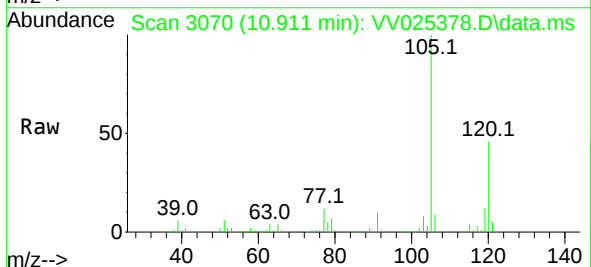
Acq: 07 Apr 2022 10:45

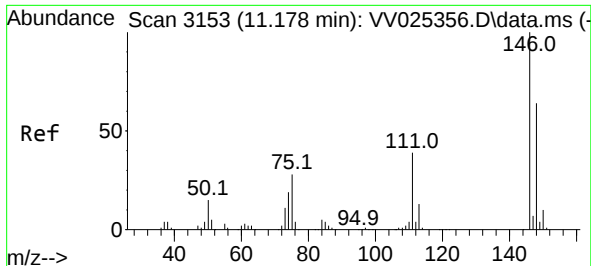
Tgt Ion:105 Resp: 289816

Ion Ratio Lower Upper

105 100

120 46.2 36.5 54.7

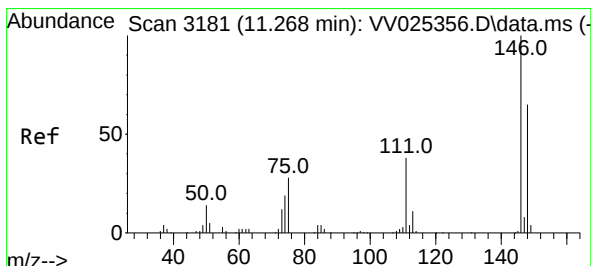
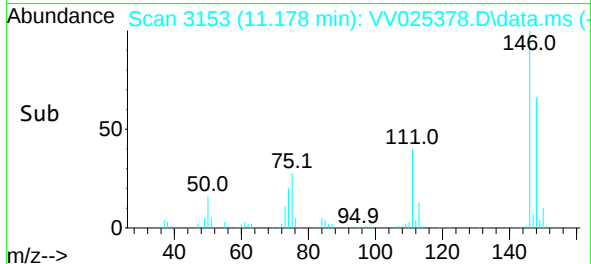
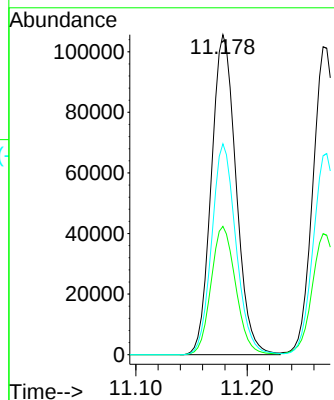
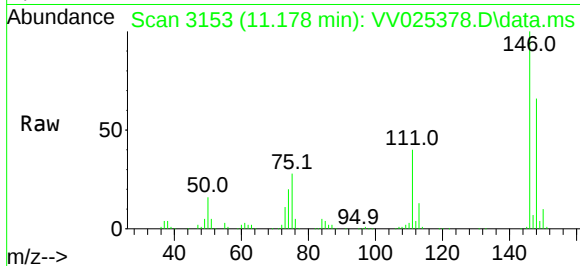




#64
1,3-Dichlorobenzene
Concen: 5.610 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45

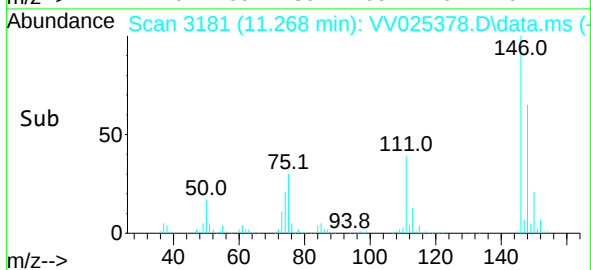
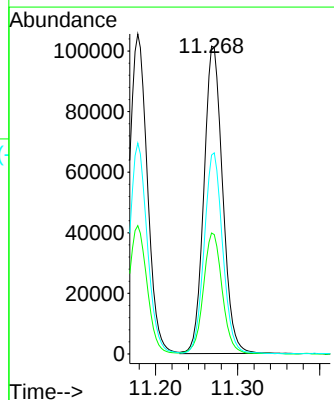
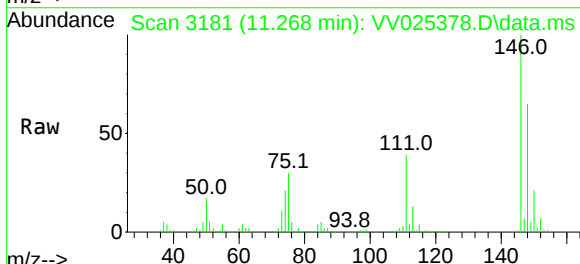
Instrument :
MSVOA_V
ClientSampleId :
VSTD005370

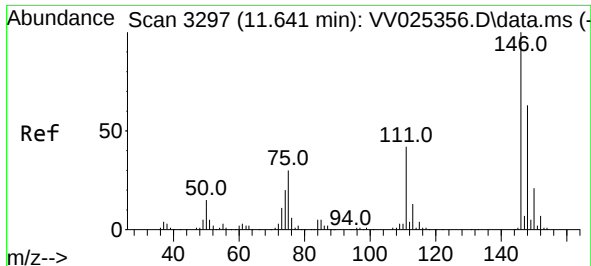
Tgt Ion:146 Resp: 163129
Ion Ratio Lower Upper
146 100
111 40.1 29.0 53.8
148 65.9 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.525 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV025378.D
Acq: 07 Apr 2022 10:45

Tgt Ion:146 Resp: 160875
Ion Ratio Lower Upper
146 100
111 39.3 27.9 51.9
148 64.6 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 5.625 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD005370

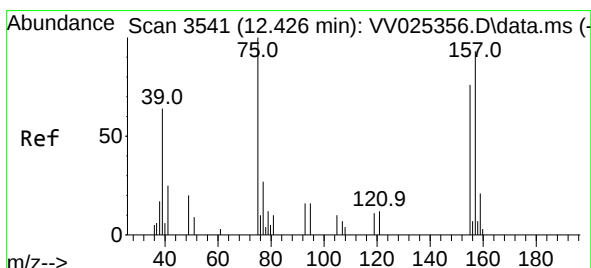
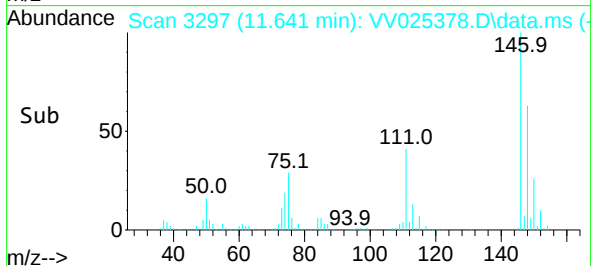
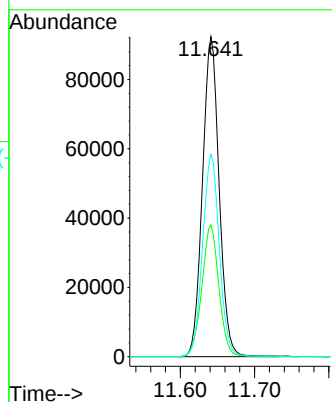
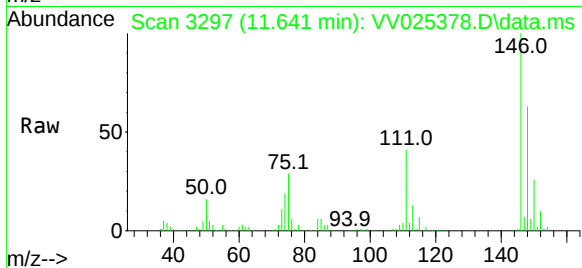
Tgt Ion:146 Resp: 143934

Ion Ratio Lower Upper

146 100

111 41.1 33.0 49.6

148 63.3 49.3 73.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.918 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

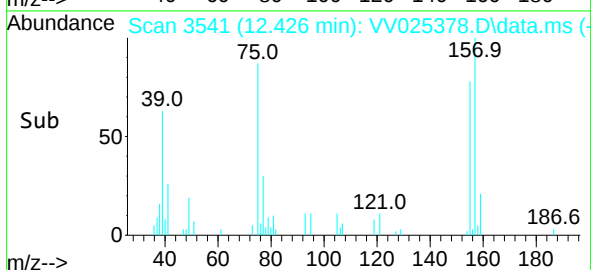
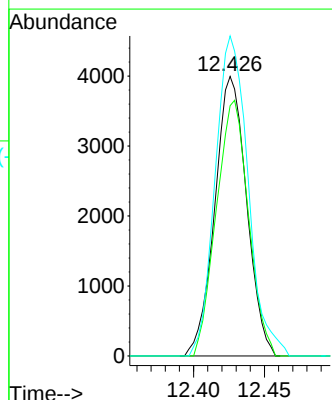
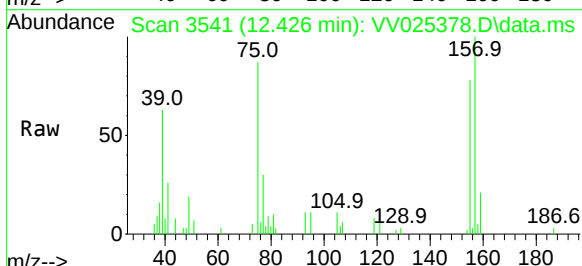
Tgt Ion: 75 Resp: 6237

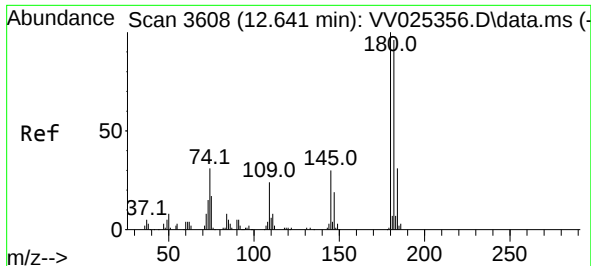
Ion Ratio Lower Upper

75 100

155 89.5 80.0 120.0

157 114.5 94.5 141.7





#69

1,3,5-Trichlorobenzene

Concen: 5.810 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.003 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD005370

Tgt Ion:180 Resp: 121857

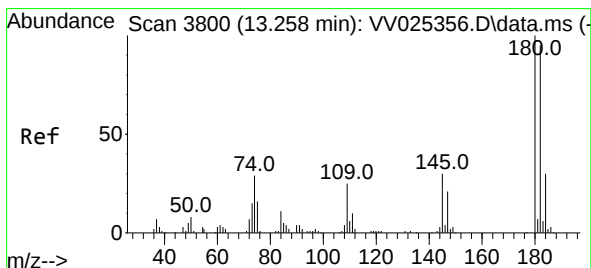
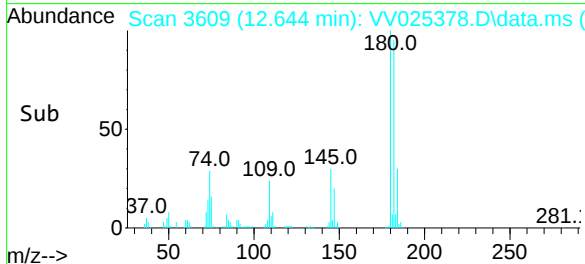
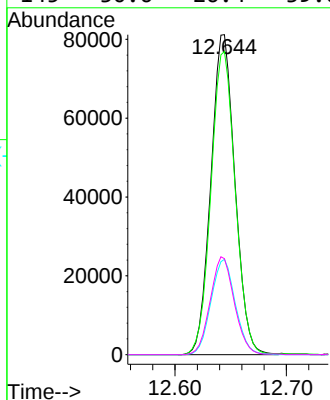
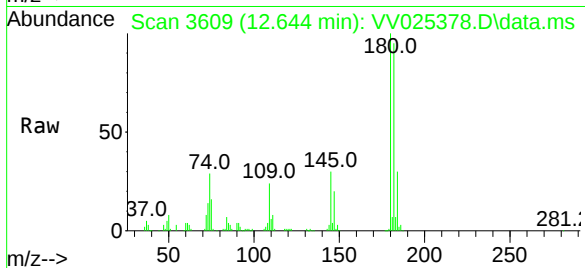
Ion Ratio Lower Upper

180 100

182 95.5 77.1 115.7

184 30.1 23.6 35.4

145 30.6 26.4 39.6



#70

1,2,4-trichlorobenzene

Concen: 6.003 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

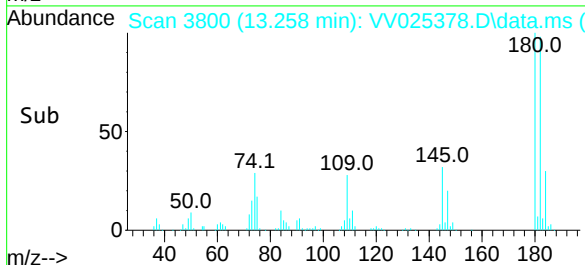
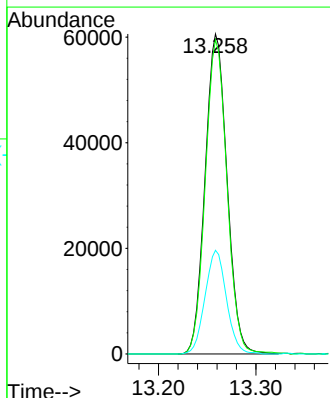
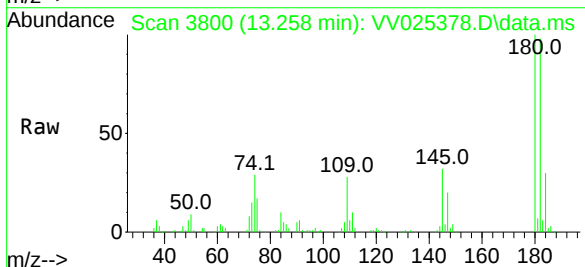
Tgt Ion:180 Resp: 95001

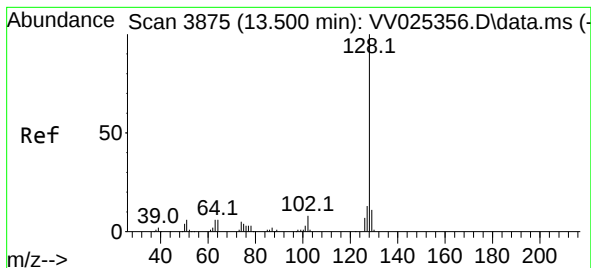
Ion Ratio Lower Upper

180 100

182 96.6 77.5 116.3

145 31.5 26.2 39.4





#71

Naphthalene

Concen: 5.684 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD005370

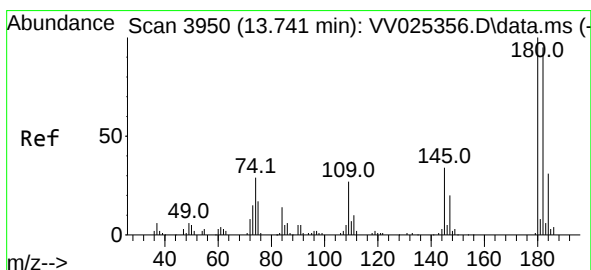
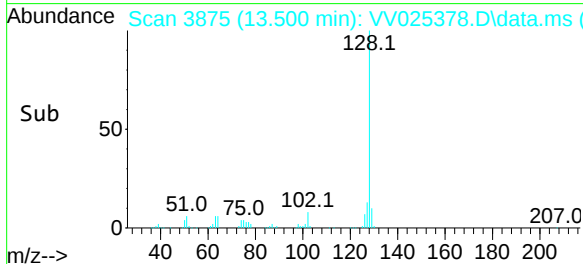
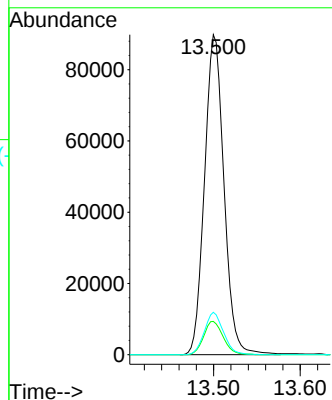
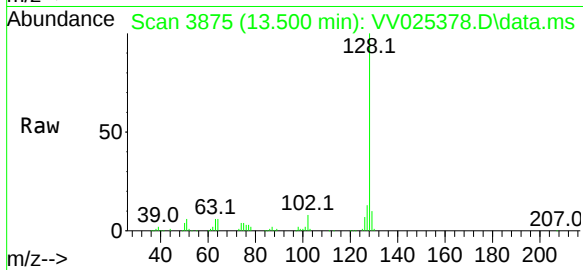
Tgt Ion:128 Resp: 140188

Ion Ratio Lower Upper

128 100

129 10.4 8.8 13.2

127 13.1 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 6.002 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV025378.D

Acq: 07 Apr 2022 10:45

Tgt Ion:180 Resp: 81840

Ion Ratio Lower Upper

180 100

182 92.5 75.8 113.6

145 32.3 28.6 42.8

