

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041822\
 Data File : VW025602.D
 Acq On : 18 Apr 2022 12:15
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005382

Quant Time: Apr 19 05:03:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 16 04:36:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	207872	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	207228	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	112828	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	84239	4.359	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.200%	
7) Chloroethane-d5	1.571	69	76522	3.722	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.400%	
11) 1,1-Dichloroethene-d2	2.111	63	174379	4.504	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.000%	
20) 2-Butanone-d5	3.892	46	109875	46.739	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.480%	
24) Chloroform-d	4.346	84	131463	4.502	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
26) 1,2-Dichloroethane-d4	5.031	65	58962	4.686	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
32) Benzene-d6	5.047	84	265459	4.427	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
36) 1,2-Dichloropropane-d6	6.066	67	75040	4.488	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.800%	
41) Toluene-d8	7.310	98	251253	4.516	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
43) trans-1,3-Dichloroprop...	7.619	79	25459	4.530	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.600%	
46) 2-Hexanone-d5	8.085	63	87014	44.111	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.220%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43765	4.143	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	79956	4.227	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	84.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	75328	4.011	ug/L	99
3) Chloromethane	1.246	50	97992	4.803	ug/L	98
5) Vinyl chloride	1.314	62	104523	4.533	ug/L	98
6) Bromomethane	1.526	94	66805	4.018	ug/L	96
8) Chloroethane	1.590	64	75938	4.267	ug/L	99
9) Trichlorofluoromethane	1.757	101	150410	4.644	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	83892	4.611	ug/L	98
12) 1,1-Dichloroethene	2.121	96	81111	4.499	ug/L	91
13) Acetone	2.185	43	83186	52.135	ug/L	95
14) Carbon disulfide	2.298	76	177252	4.107	ug/L	99
15) Methyl Acetate	2.439	43	19184	5.410	ug/L #	88
16) Methylene chloride	2.507	84	72664	4.157	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	131379	4.709	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	68334	4.523	ug/L	97
19) 1,1-Dichloroethane	3.192	63	127005	4.963	ug/L	98
21) 2-Butanone	3.976	43	112891	51.203	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	75156	4.725	ug/L	96
23) Bromochloromethane	4.249	128	30486	4.617	ug/L	97
25) Chloroform	4.375	83	136107	5.039	ug/L	98

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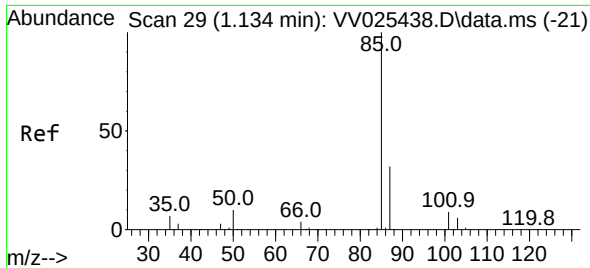
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	72302	5.073	ug/L	95
29) 1,1,1-Trichloroethane	4.606	97	115590	4.729	ug/L	99
30) Cyclohexane	4.674	56	90357	4.066	ug/L	98
31) Carbon tetrachloride	4.828	117	95453	4.618	ug/L	99
33) Benzene	5.098	78	289980	4.737	ug/L	100
34) Trichloroethene	5.912	95	74331	4.573	ug/L	99
35) Methylcyclohexane	6.127	83	105924	4.084	ug/L	97
37) 1,2-Dichloropropane	6.169	63	69963	4.940	ug/L	100
38) Bromodichloromethane	6.506	83	89276	5.078	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	90576	4.880	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	303872	53.590	ug/L	97
42) Toluene	7.384	91	316783	4.757	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	72732	5.044	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	45815	4.831	ug/L	99
47) Tetrachloroethene	7.973	164	55508	4.362	ug/L	96
48) 2-Hexanone	8.137	43	215756	54.599	ug/L	97
49) Dibromochloromethane	8.243	129	53663	5.154	ug/L	98
50) 1,2-Dibromoethane	8.349	107	41639	4.674	ug/L	100
51) Chlorobenzene	8.879	112	198769	4.675	ug/L	98
52) Ethylbenzene	9.008	91	321388	4.525	ug/L	99
53) m,p-Xylene	9.133	106	126662	4.691	ug/L	97
54) o-Xylene	9.542	106	122287	4.663	ug/L	97
55) Styrene	9.558	104	210007	4.924	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.236	83	44908	4.739	ug/L	98
59) Bromoform	9.728	173	23327	5.009	ug/L	98
60) Isopropylbenzene	9.928	105	321978	4.610	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	35697	4.804	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	139180	4.469	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	262965	4.687	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	151019	4.632	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	154205	4.660	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	131673	4.561	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6713	5.225	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	111257	4.486	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	82791	4.330	ug/L	99
71) Naphthalene	13.500	128	122448	4.365	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	70027	4.423	ug/L	98

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

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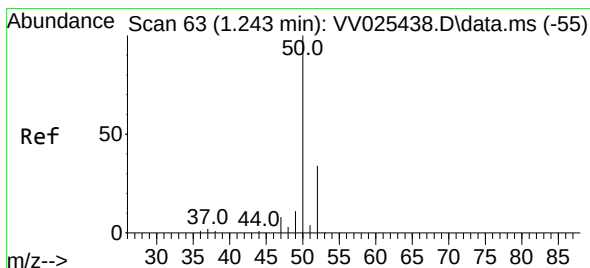
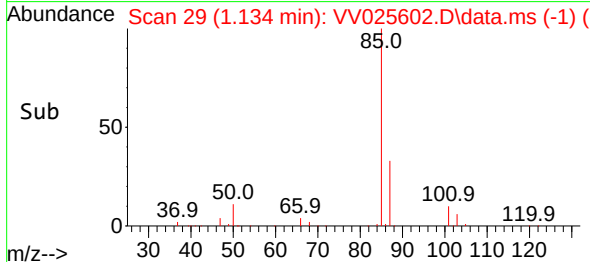
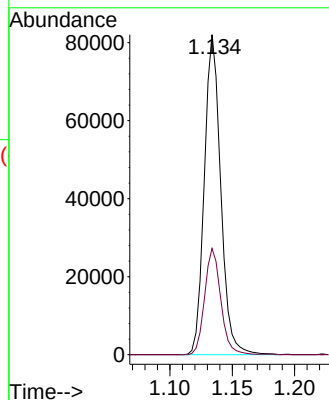
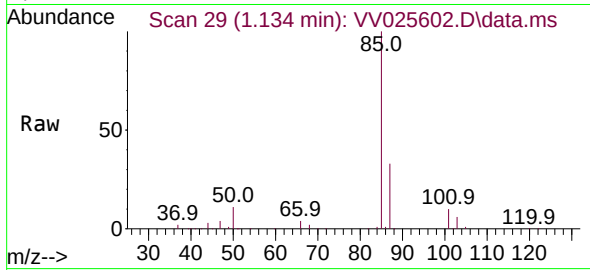




#2
 Dichlorodifluoromethane
 Concen: 4.011 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VV025602.D
 Acq: 18 Apr 2022 12:15

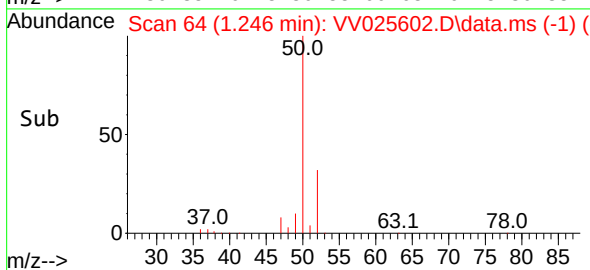
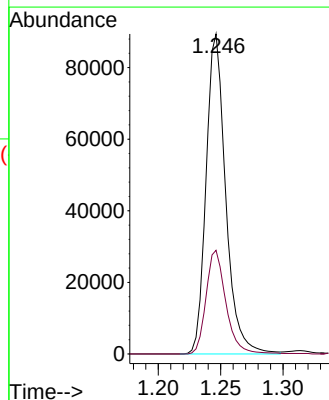
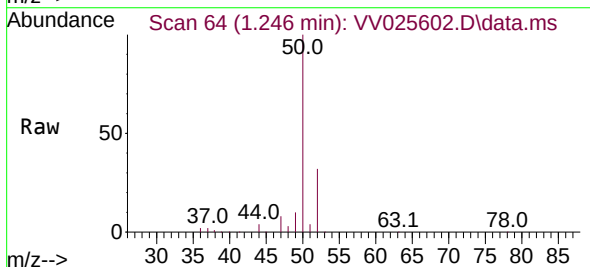
Instrument : MSVOA_V
 ClientSampleId : VSTD005382

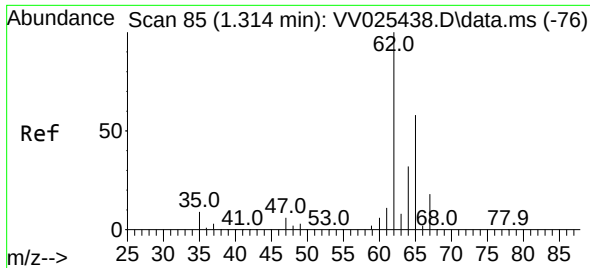
Tgt Ion: 85 Resp: 75328
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.6 38.4



#3
 Chloromethane
 Concen: 4.803 ug/L
 RT: 1.246 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: VV025602.D
 Acq: 18 Apr 2022 12:15

Tgt Ion: 50 Resp: 97992
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.7 43.9

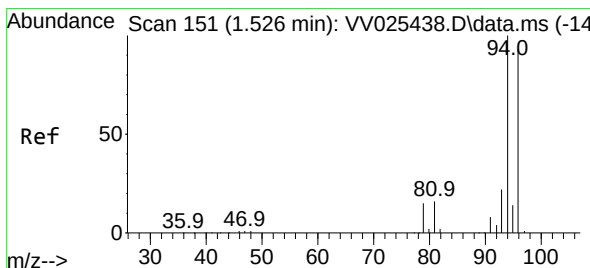
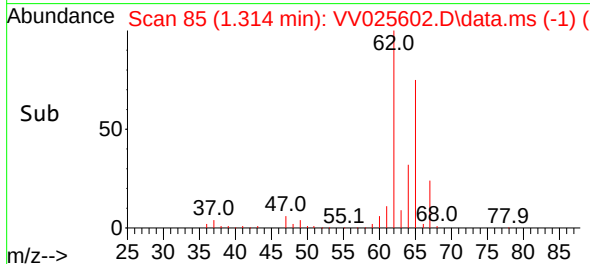
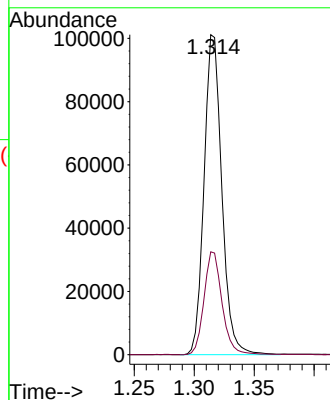
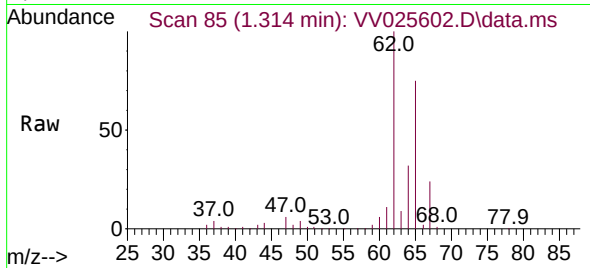




#5
 Vinyl chloride
 Concen: 4.533 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.003 min
 Lab File: VV025602.D
 Acq: 18 Apr 2022 12:15

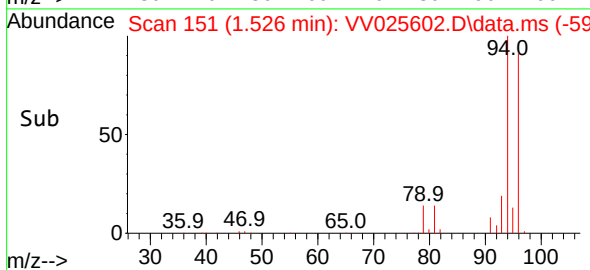
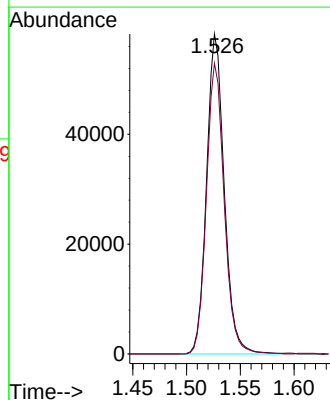
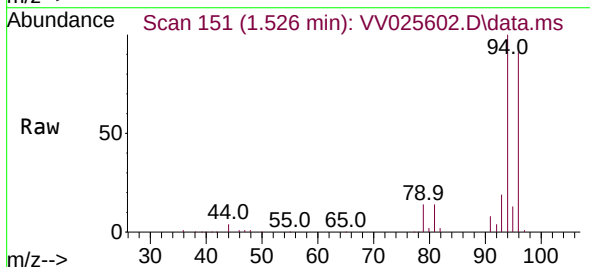
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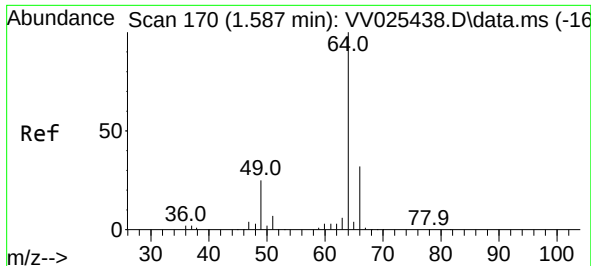
Tgt Ion: 62 Resp: 104523
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.2 43.2



#6
 Bromomethane
 Concen: 4.018 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.003 min
 Lab File: VV025602.D
 Acq: 18 Apr 2022 12:15

Tgt Ion: 94 Resp: 66805
 Ion Ratio Lower Upper
 94 100
 96 90.8 66.1 122.7

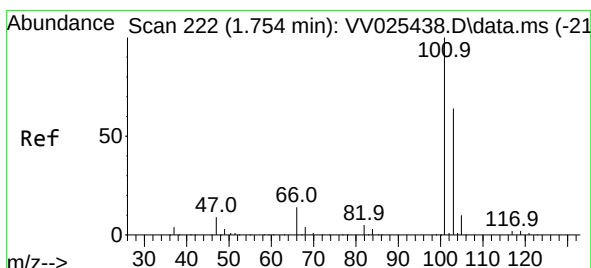
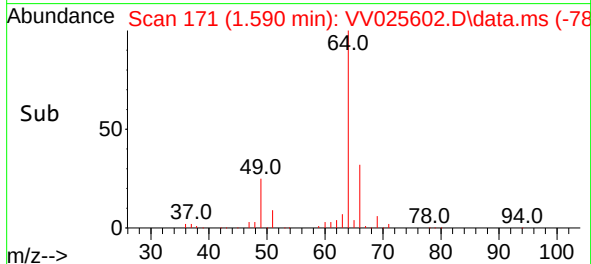
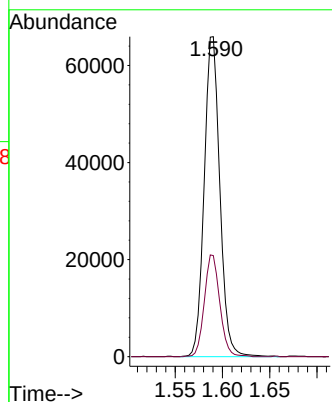
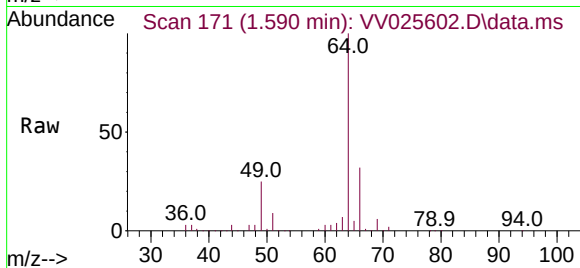




#8
Chloroethane
Concen: 4.267 ug/L
RT: 1.590 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

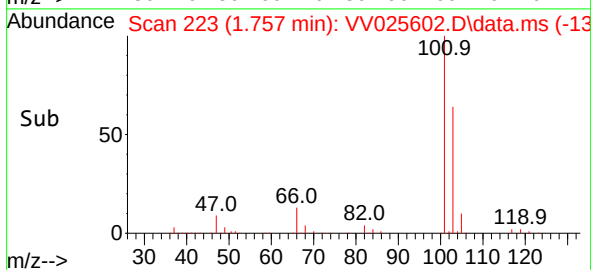
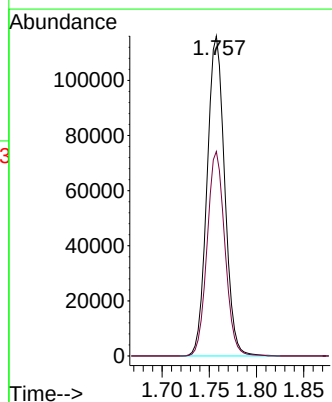
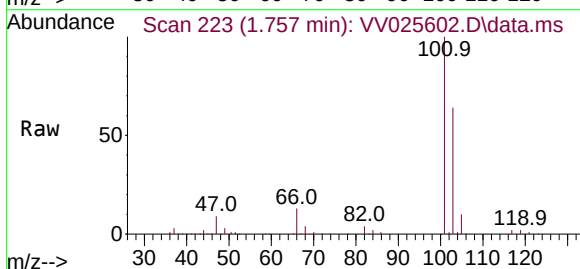
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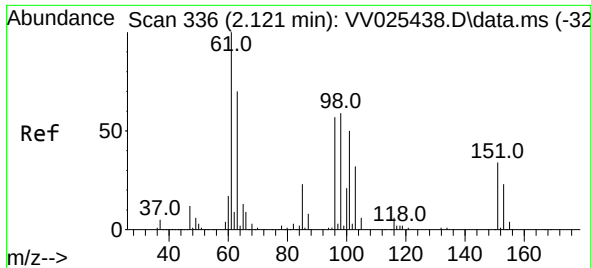
Tgt Ion: 64 Resp: 75938
Ion Ratio Lower Upper
64 100
66 31.6 21.8 40.6



#9
Trichlorofluoromethane
Concen: 4.644 ug/L
RT: 1.757 min Scan# 223
Delta R.T. -0.003 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

Tgt Ion: 101 Resp: 150410
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9

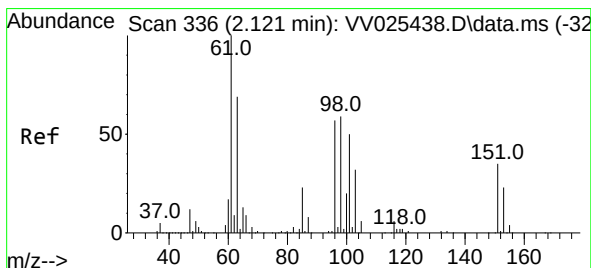
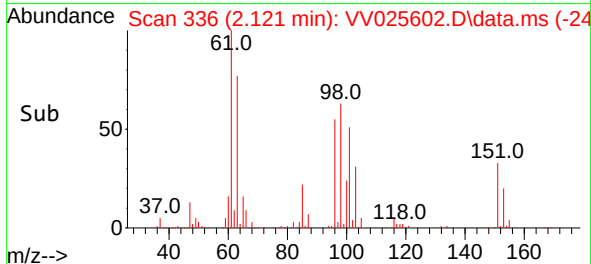
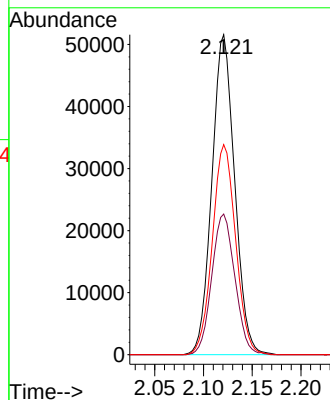
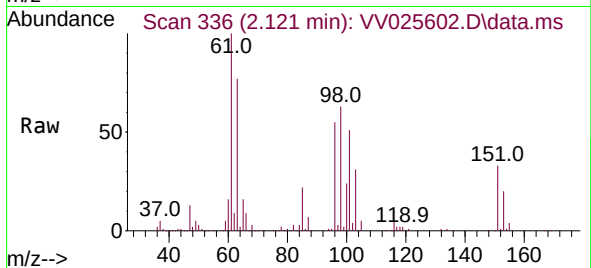




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.611 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.003 min
 Lab File: VV025602.D
 Acq: 18 Apr 2022 12:15

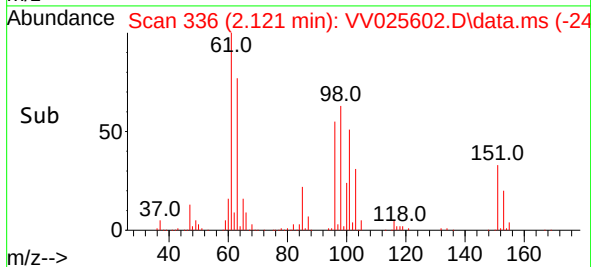
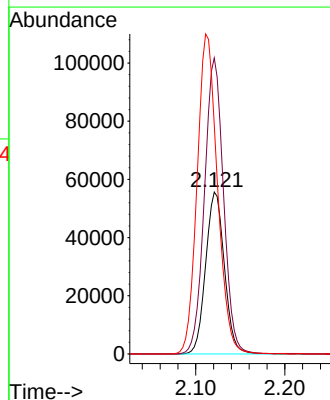
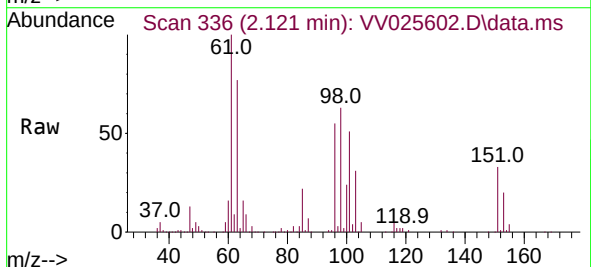
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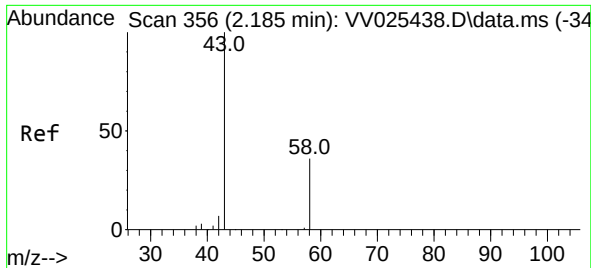
Tgt Ion:101 Resp: 83892
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.9 53.9
 151 67.1 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.499 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.003 min
 Lab File: VV025602.D
 Acq: 18 Apr 2022 12:15

Tgt Ion: 96 Resp: 81111
 Ion Ratio Lower Upper
 96 100
 61 182.8 125.2 232.4
 63 141.3 114.4 212.4





#13

Acetone

Concen: 52.135 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV025602.D

Acq: 18 Apr 2022 12:15

Instrument :

MSVOA_V

ClientSampleId :

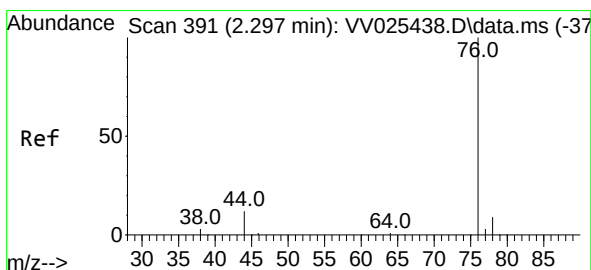
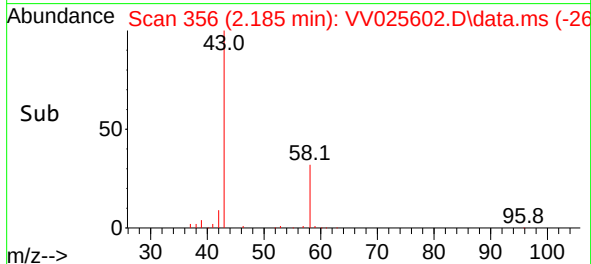
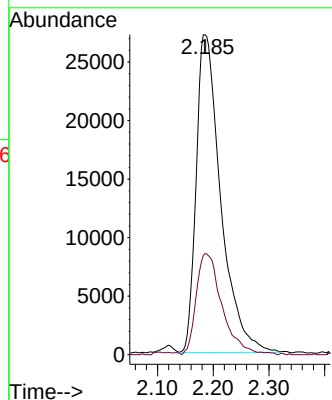
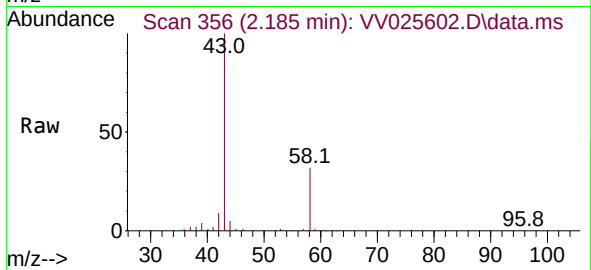
VSTD005382

Tgt Ion: 43 Resp: 83186

Ion Ratio Lower Upper

43 100

58 33.2 0.0 72.2



#14

Carbon disulfide

Concen: 4.107 ug/L

RT: 2.298 min Scan# 391

Delta R.T. -0.003 min

Lab File: VV025602.D

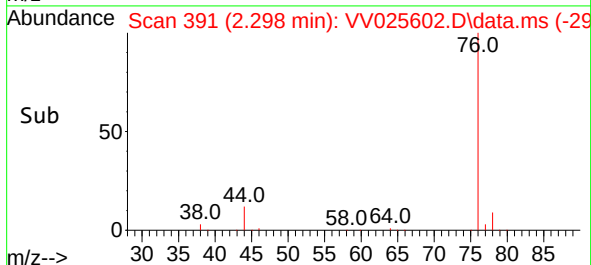
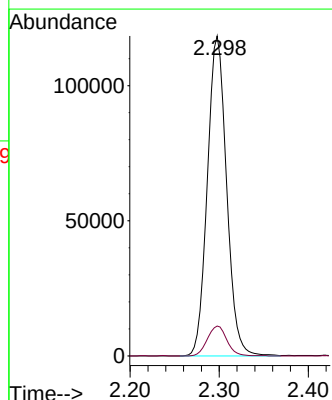
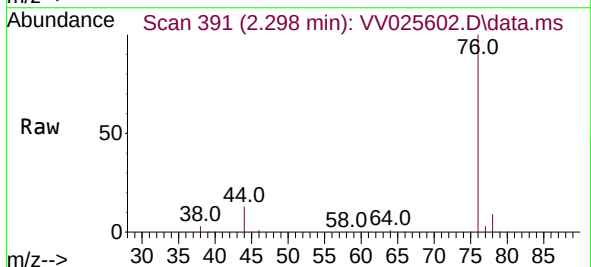
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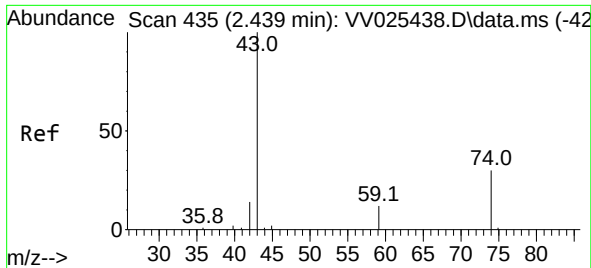
Tgt Ion: 76 Resp: 177252

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

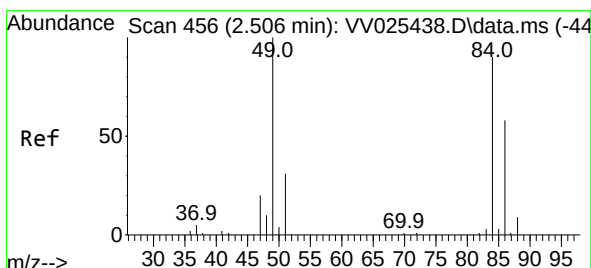
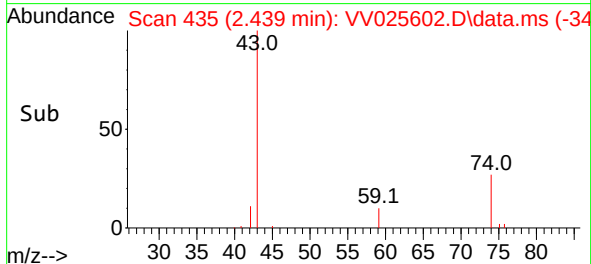
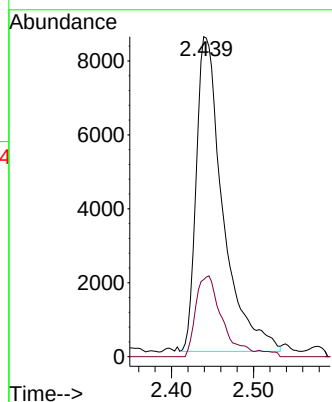
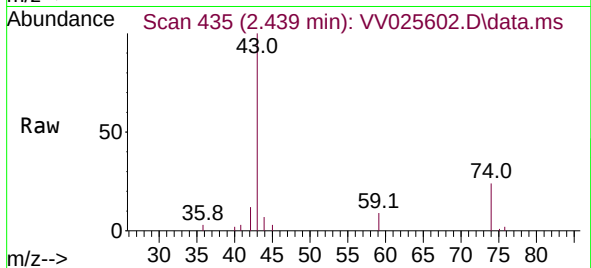




#15
Methyl Acetate
Concen: 5.410 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.009 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

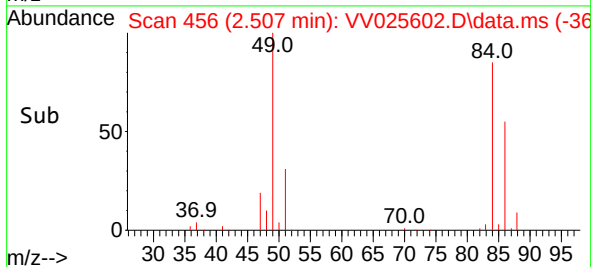
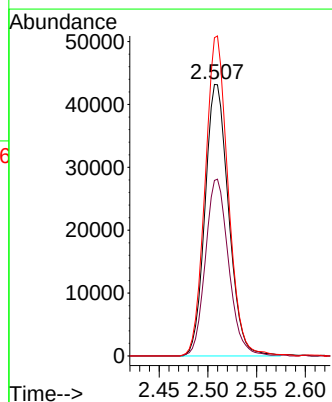
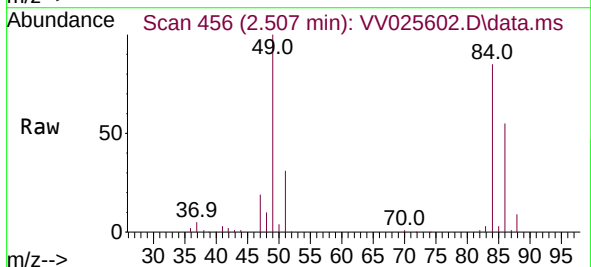
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

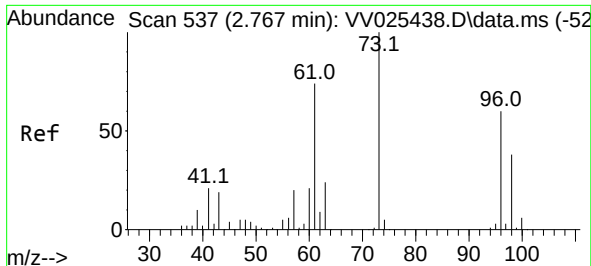
Tgt Ion: 43 Resp: 19184
Ion Ratio Lower Upper
43 100
74 25.1 25.2 37.8#



#16
Methylene chloride
Concen: 4.157 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.006 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

Tgt Ion: 84 Resp: 72664
Ion Ratio Lower Upper
84 100
86 64.6 45.9 85.3
49 117.2 76.6 142.3

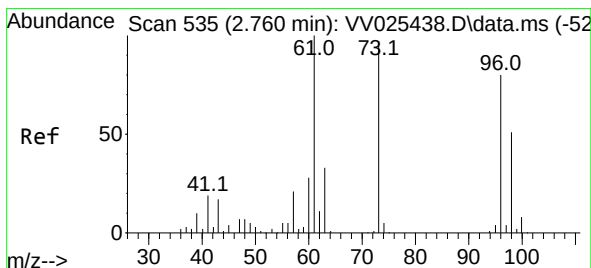
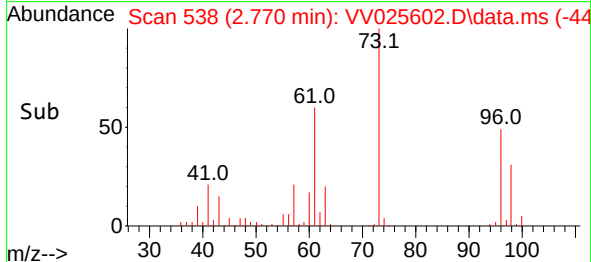
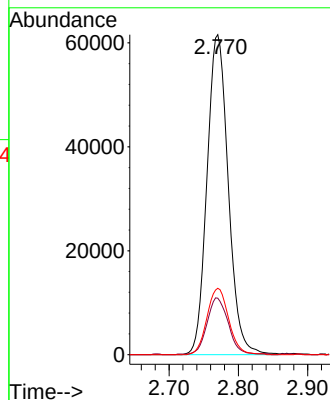
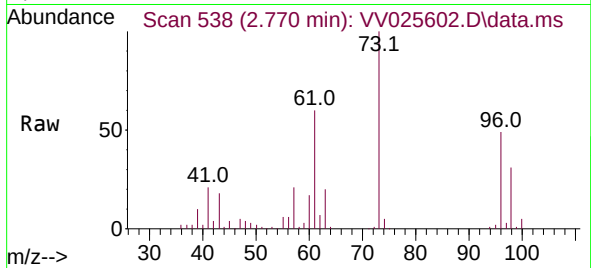




#17
Methyl tert-butyl Ether
Concen: 4.709 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

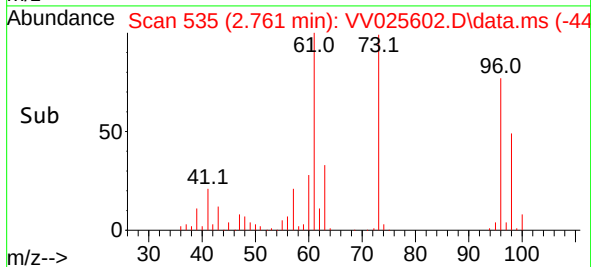
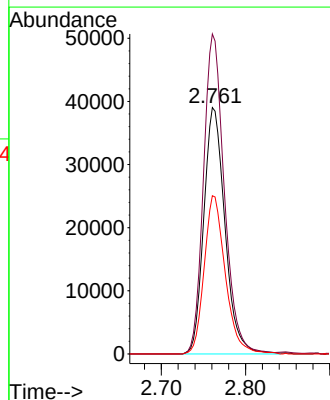
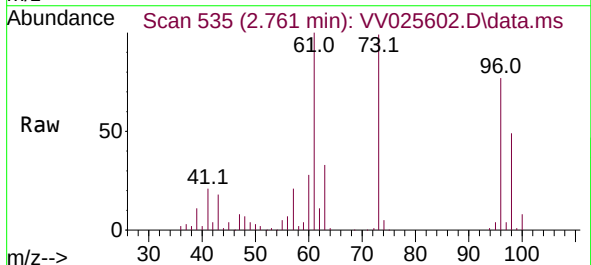
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

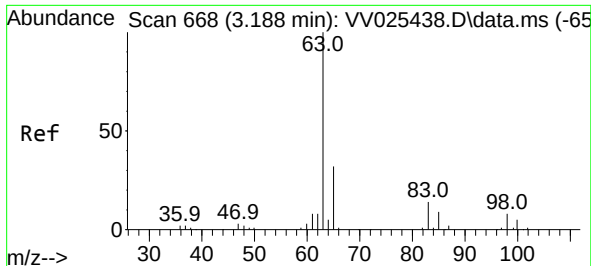
Tgt Ion: 73 Resp: 131379
Ion Ratio Lower Upper
73 100
43 17.3 14.2 21.4
57 21.2 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 4.523 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.006 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

Tgt Ion: 96 Resp: 68334
Ion Ratio Lower Upper
96 100
61 129.8 92.1 171.1
98 64.2 47.5 88.1





#19

1,1-Dichloroethane

Concen: 4.963 ug/L

RT: 3.192 min Scan# 61

Delta R.T. -0.006 min

Lab File: VV025602.D

Acq: 18 Apr 2022 12:15

Instrument :

MSVOA_V

ClientSampleId :

VSTD005382

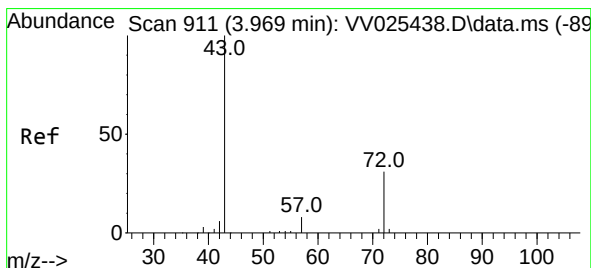
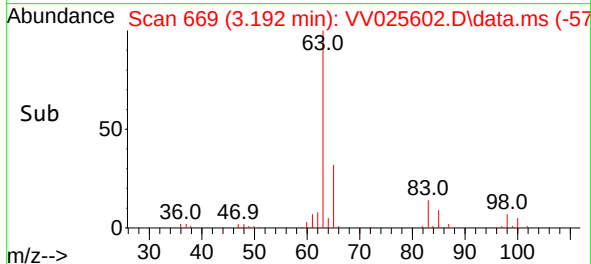
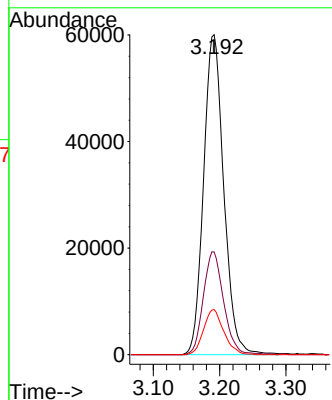
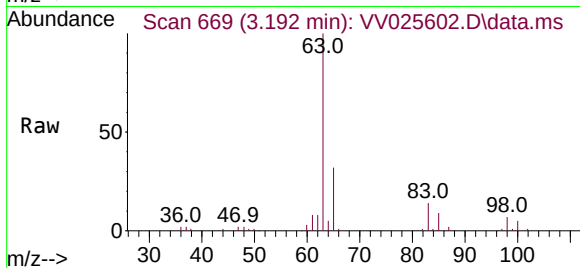
Tgt Ion: 63 Resp: 127005

Ion Ratio Lower Upper

63 100

65 32.1 23.2 43.0

83 14.1 9.0 16.8



#21

2-Butanone

Concen: 51.203 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.006 min

Lab File: VV025602.D

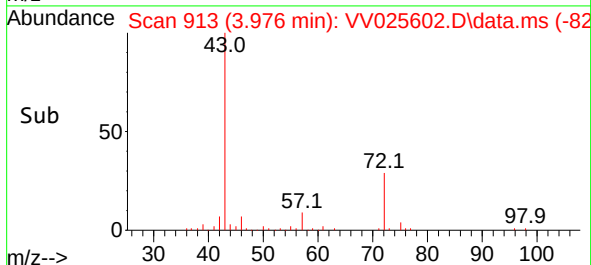
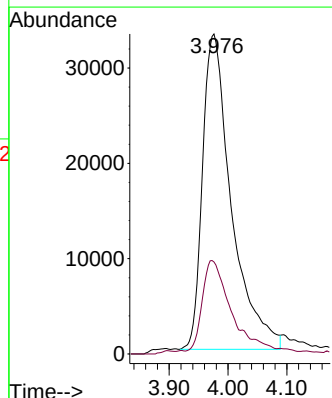
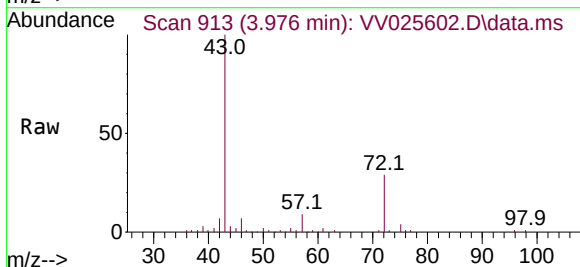
Acq: 18 Apr 2022 12:15

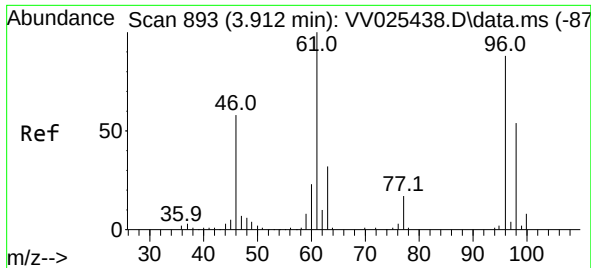
Tgt Ion: 43 Resp: 112891

Ion Ratio Lower Upper

43 100

72 28.5 15.2 45.6

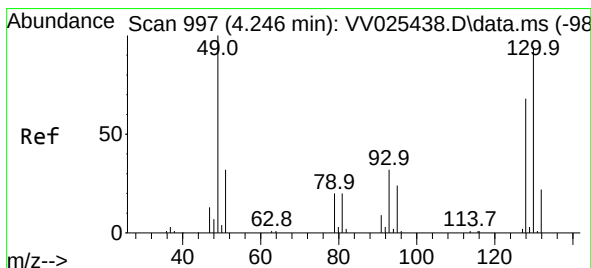
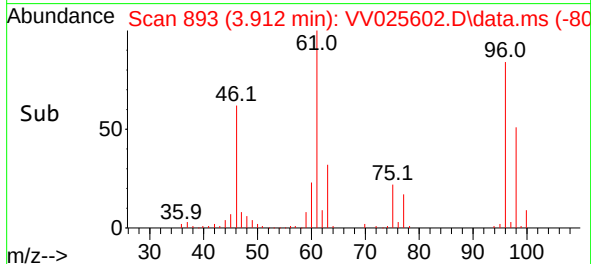
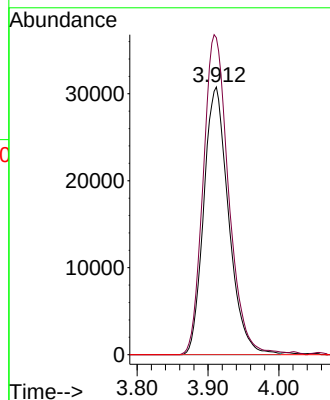
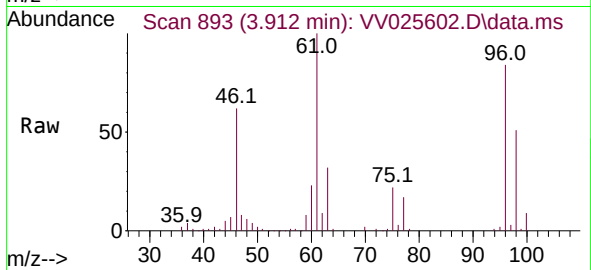




#22
 cis-1,2-Dichloroethene
 Concen: 4.725 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. -0.006 min
 Lab File: VV025602.D
 Acq: 18 Apr 2022 12:15

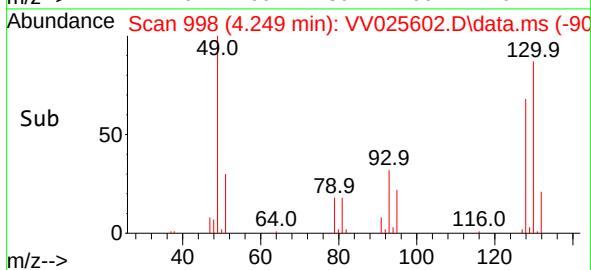
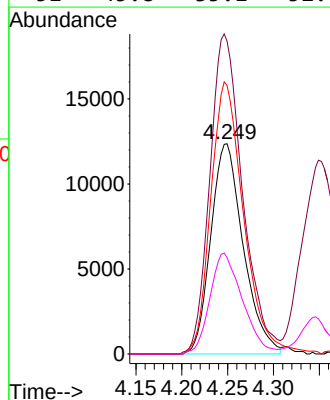
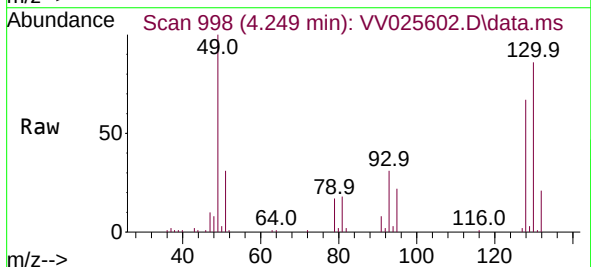
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005382

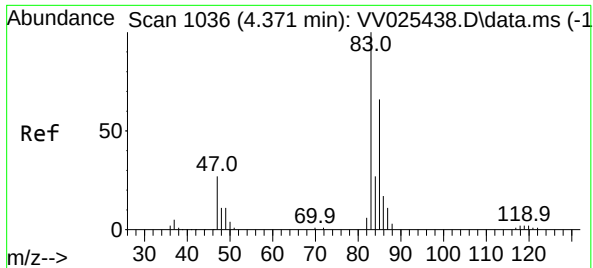
Tgt Ion: 96 Resp: 75156
 Ion Ratio Lower Upper
 96 100
 61 118.4 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.617 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. -0.006 min
 Lab File: VV025602.D
 Acq: 18 Apr 2022 12:15

Tgt Ion: 128 Resp: 30486
 Ion Ratio Lower Upper
 128 100
 49 148.8 100.5 186.7
 130 127.7 87.8 163.0
 51 45.8 35.1 52.7

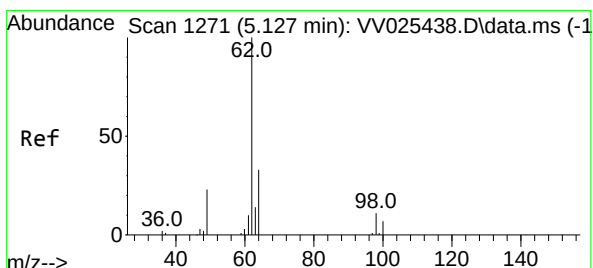
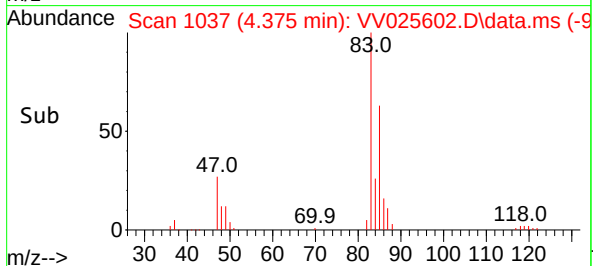
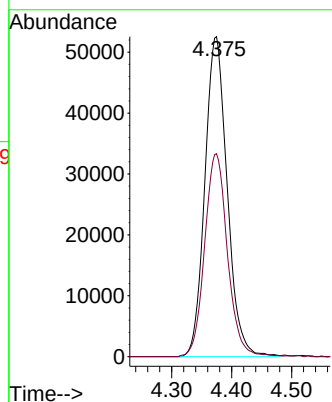
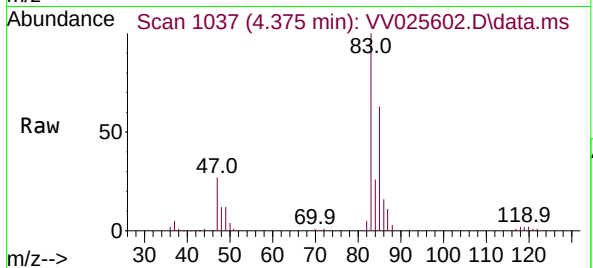




#25
Chloroform
Concen: 5.039 ug/L
RT: 4.375 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

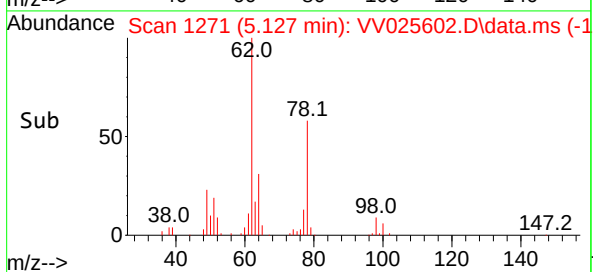
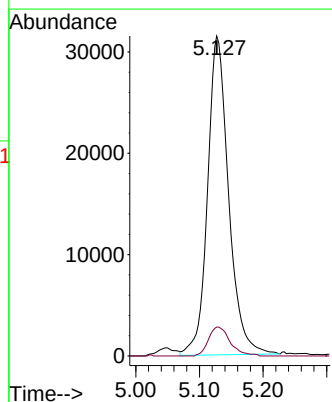
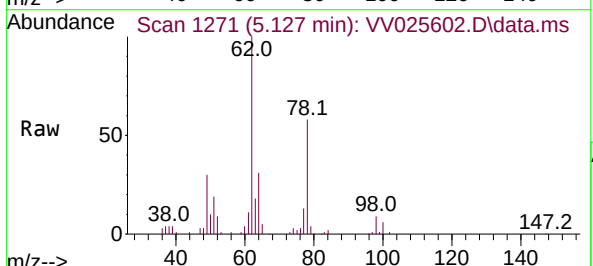
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

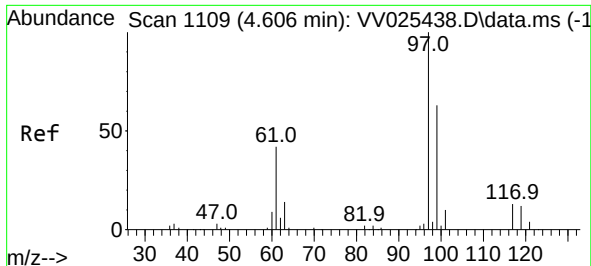
Tgt Ion: 83 Resp: 136107
Ion Ratio Lower Upper
83 100
85 63.4 43.5 80.7



#27
1,2-Dichloroethane
Concen: 5.073 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.009 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

Tgt Ion: 62 Resp: 72302
Ion Ratio Lower Upper
62 100
98 9.1 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 4.729 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VV025602.D

Acq: 18 Apr 2022 12:15

Instrument :

MSVOA_V

ClientSampleId :

VSTD005382

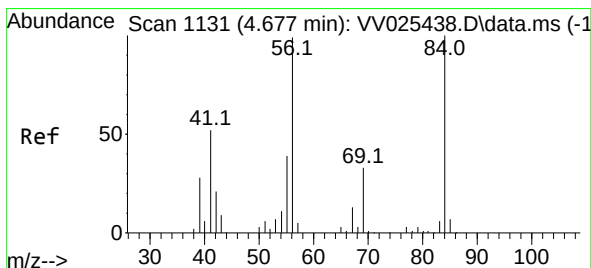
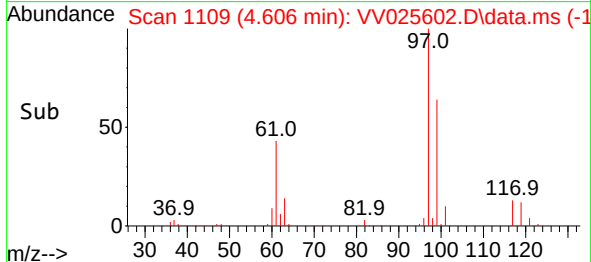
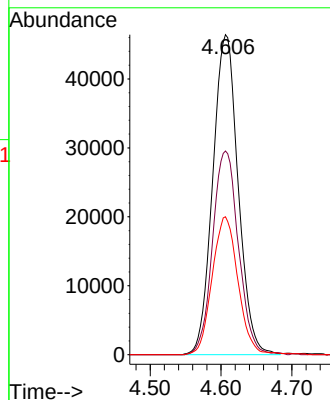
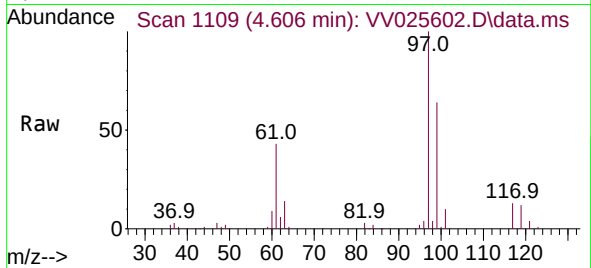
Tgt Ion: 97 Resp: 115590

Ion Ratio Lower Upper

97 100

99 64.7 51.5 77.3

61 43.8 34.3 51.5



#30

Cyclohexane

Concen: 4.066 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.009 min

Lab File: VV025602.D

Acq: 18 Apr 2022 12:15

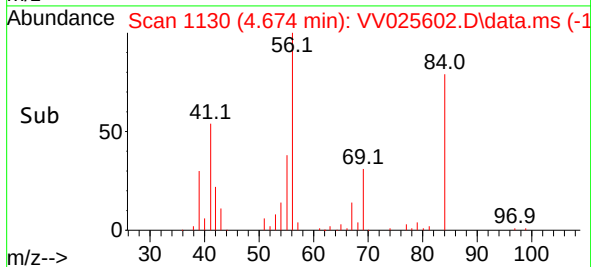
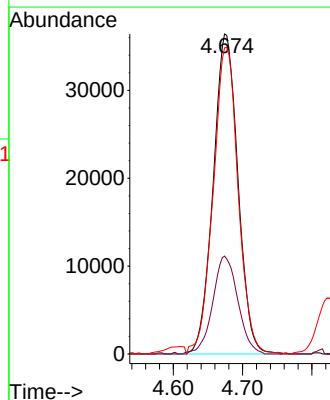
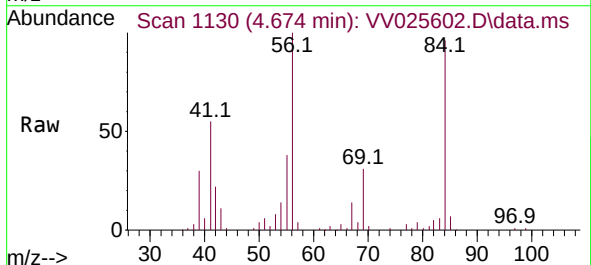
Tgt Ion: 56 Resp: 90357

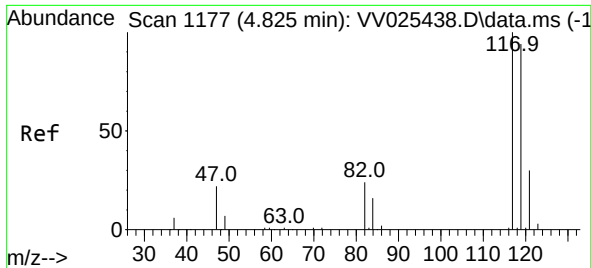
Ion Ratio Lower Upper

56 100

69 30.9 26.1 39.1

84 96.6 78.6 118.0

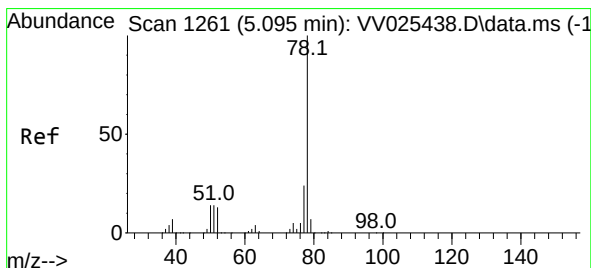
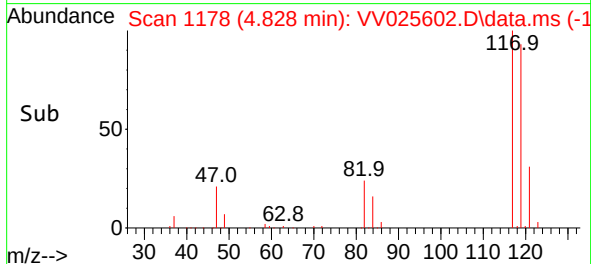
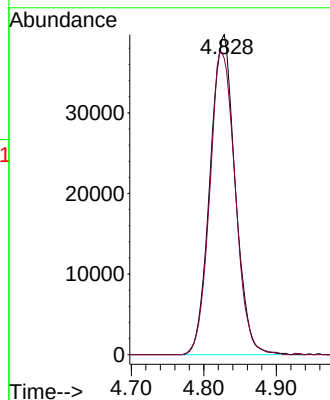
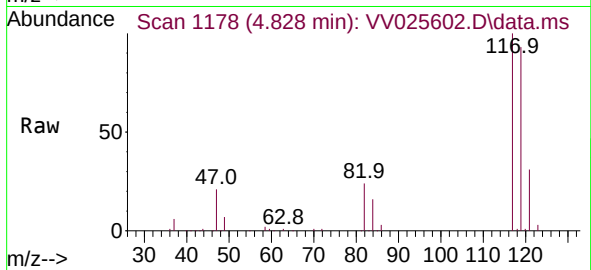




#31
Carbon tetrachloride
Concen: 4.618 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

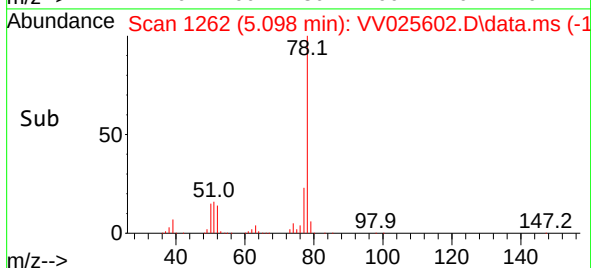
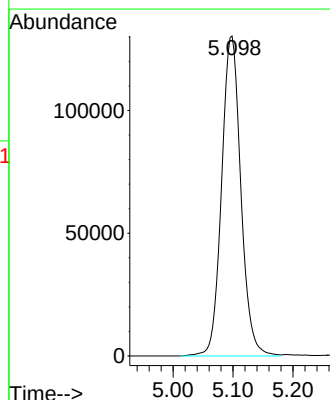
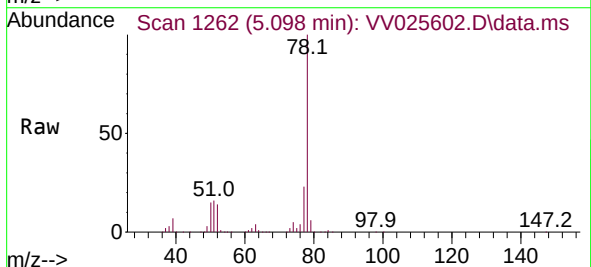
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

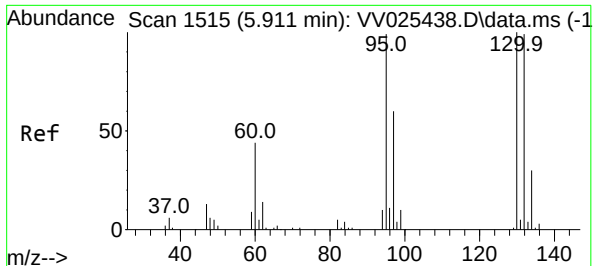
Tgt Ion:117 Resp: 95453
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8



#33
Benzene
Concen: 4.737 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.006 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

Tgt Ion: 78 Resp: 289980



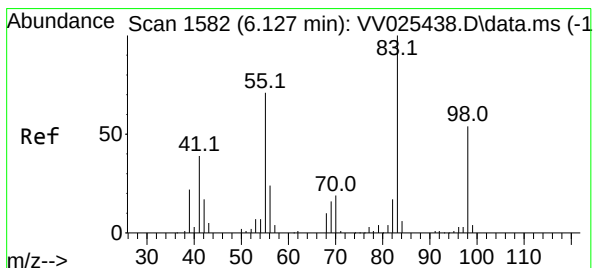
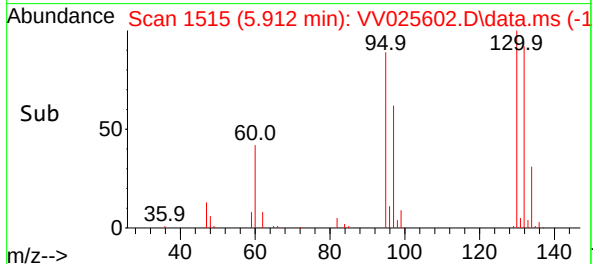
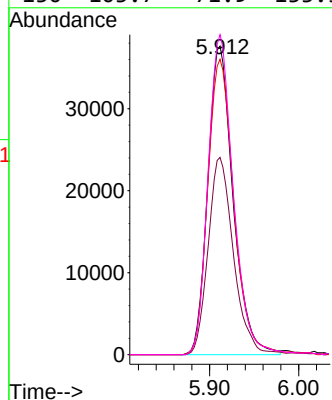
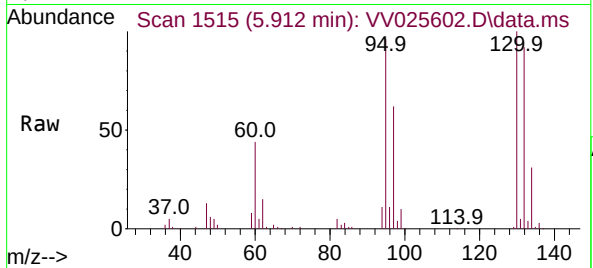


#34
Trichloroethene
Concen: 4.573 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

Tgt Ion: 95 Resp: 74331

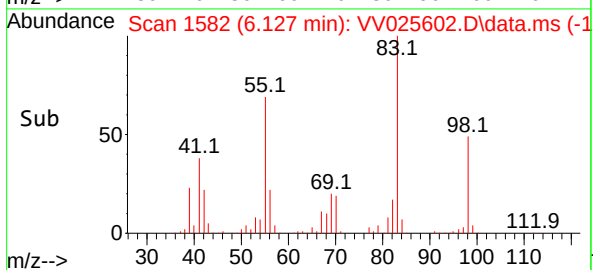
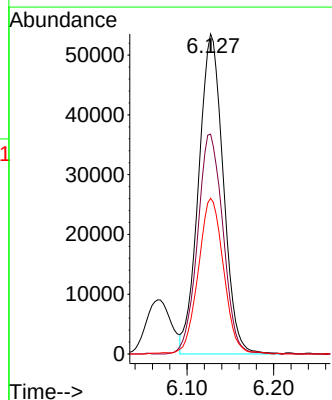
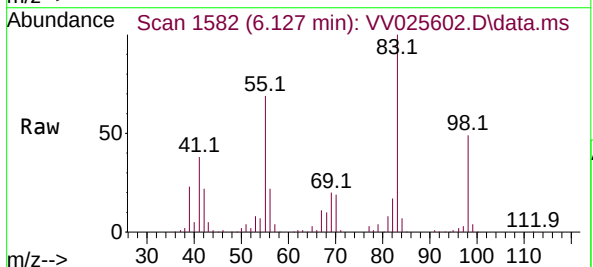
Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.8	85.2
132	95.7	68.0	126.4
130	103.7	71.9	133.5

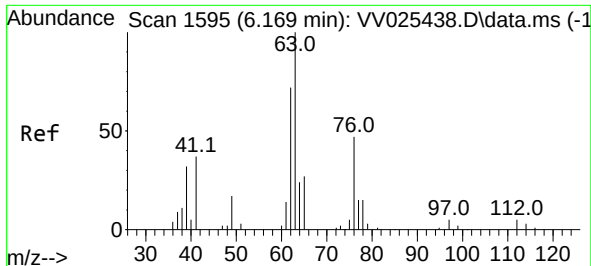


#35
Methylcyclohexane
Concen: 4.084 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.006 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

Tgt Ion: 83 Resp: 105924

Ion	Ratio	Lower	Upper
83	100		
55	70.9	53.7	80.5
98	49.9	39.6	59.4

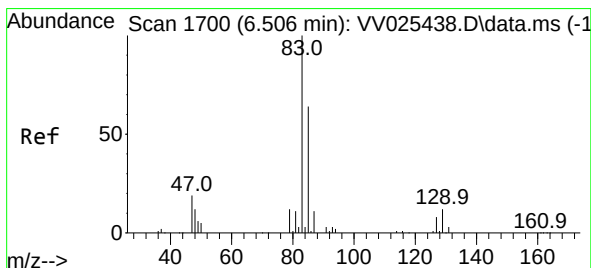
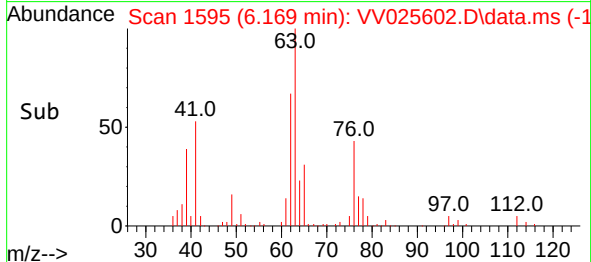
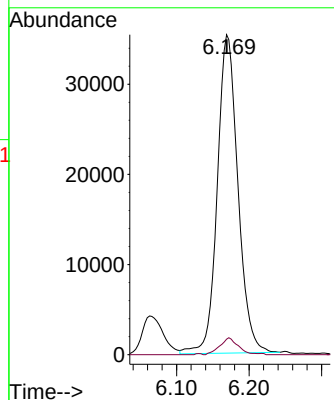
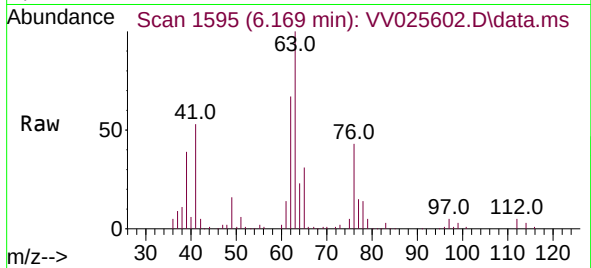




#37
1,2-Dichloropropane
Concen: 4.940 ug/L
RT: 6.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

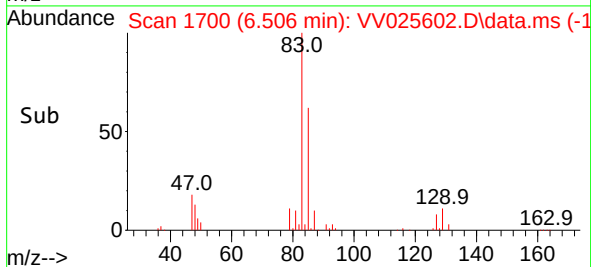
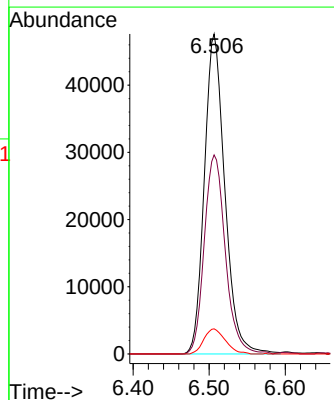
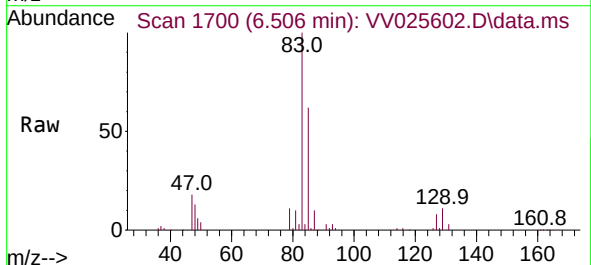
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

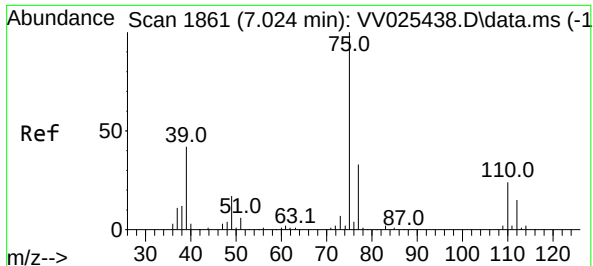
Tgt Ion: 63 Resp: 69963
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8



#38
Bromodichloromethane
Concen: 5.078 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

Tgt Ion: 83 Resp: 89276
Ion Ratio Lower Upper
83 100
85 62.2 44.4 82.4
127 7.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.880 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV025602.D

Acq: 18 Apr 2022 12:15

Instrument :

MSVOA_V

ClientSampleId :

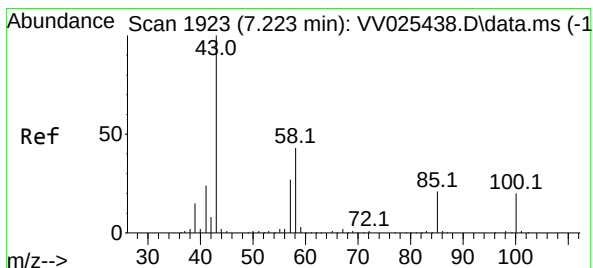
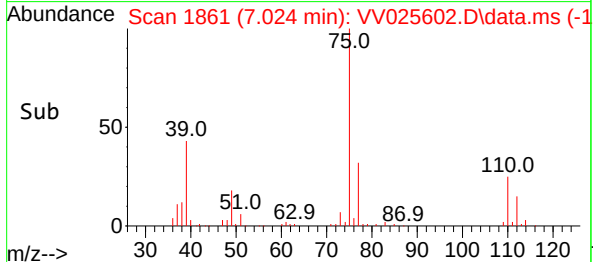
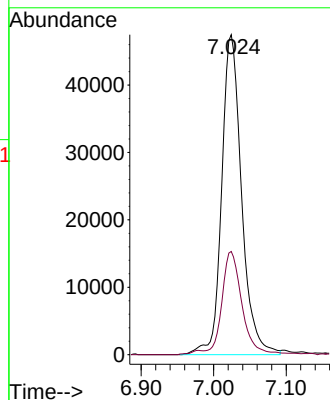
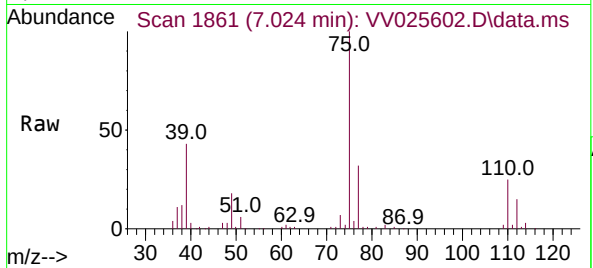
VSTD005382

Tgt Ion: 75 Resp: 90576

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 53.590 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.006 min

Lab File: VV025602.D

Acq: 18 Apr 2022 12:15

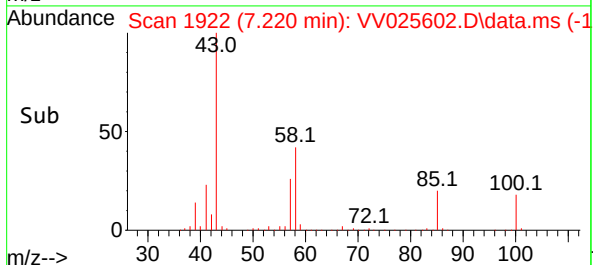
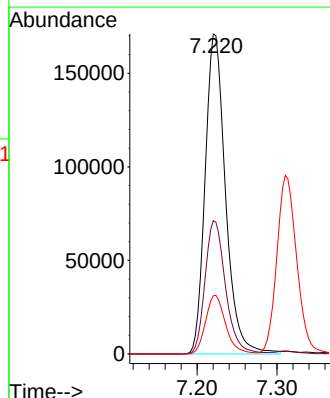
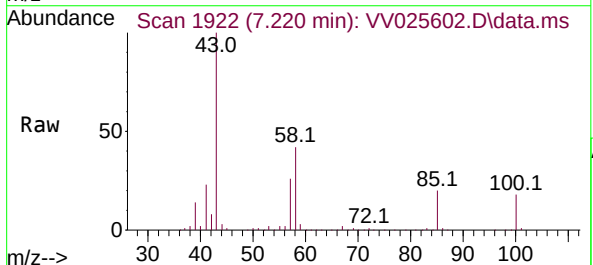
Tgt Ion: 43 Resp: 303872

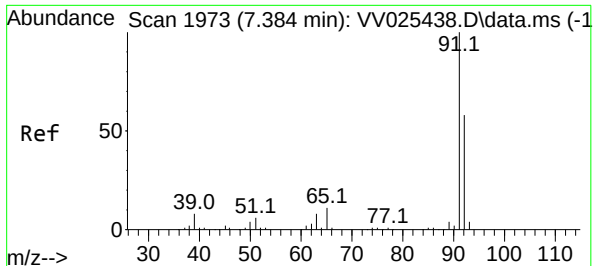
Ion Ratio Lower Upper

43 100

58 41.7 35.1 52.7

100 18.0 15.3 22.9

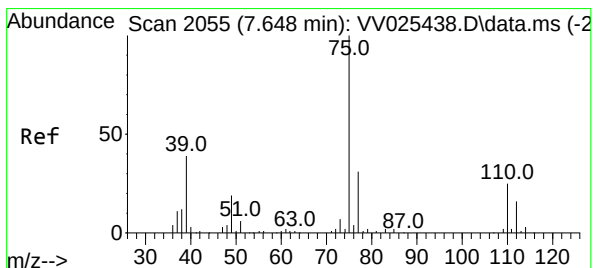
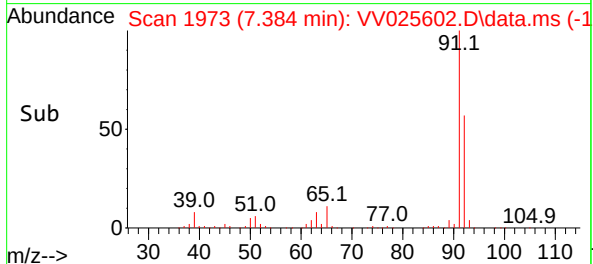
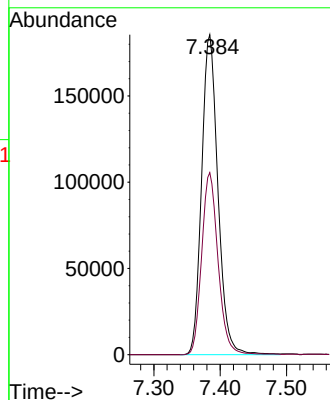
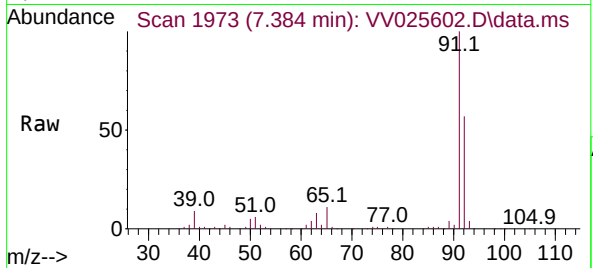




#42
Toluene
Concen: 4.757 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.003 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

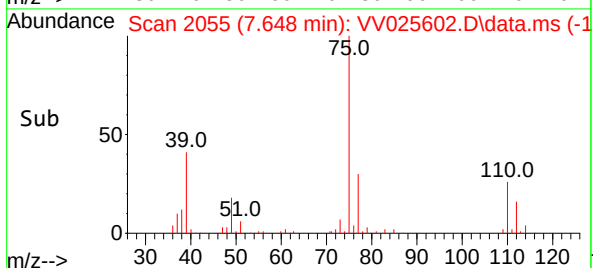
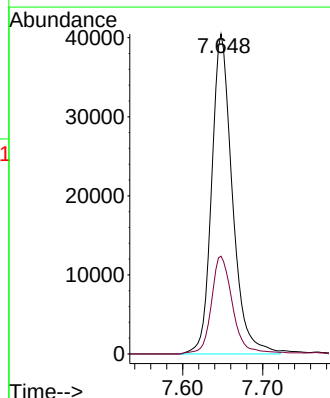
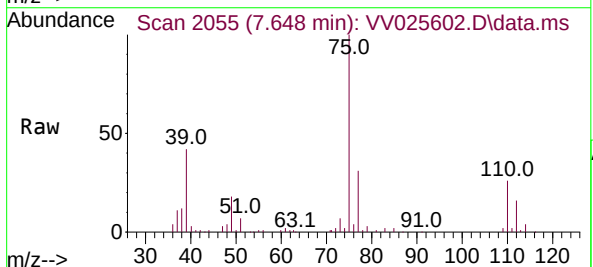
Instrument : MSVOA_V
ClientSampleId : VSTD005382

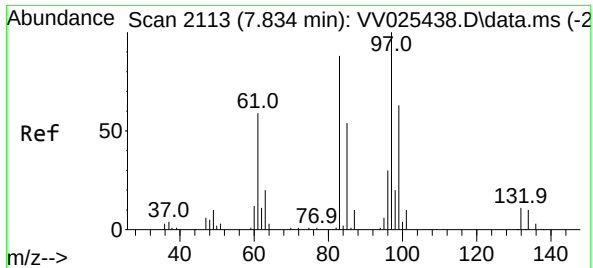
Tgt Ion: 91 Resp: 316783
Ion Ratio Lower Upper
91 100
92 56.9 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 5.044 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

Tgt Ion: 75 Resp: 72732
Ion Ratio Lower Upper
75 100
77 30.6 21.7 40.3

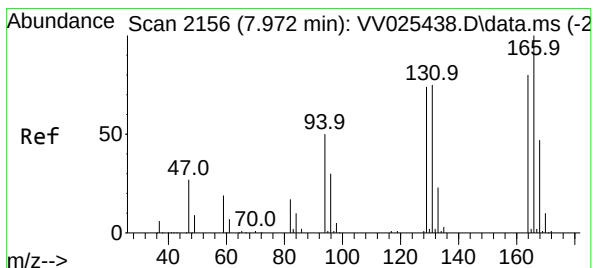
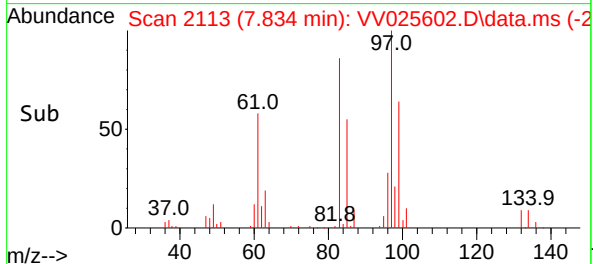
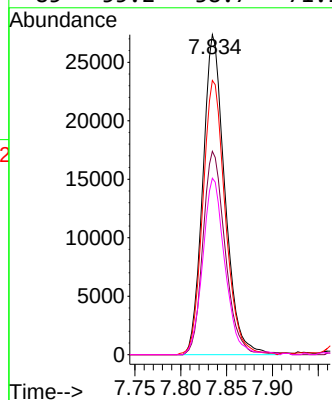
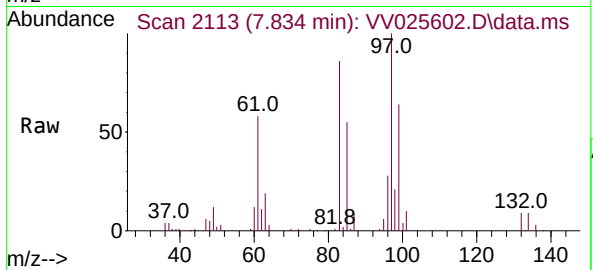




#45
1,1,2-Trichloroethane
Concen: 4.831 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.006 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

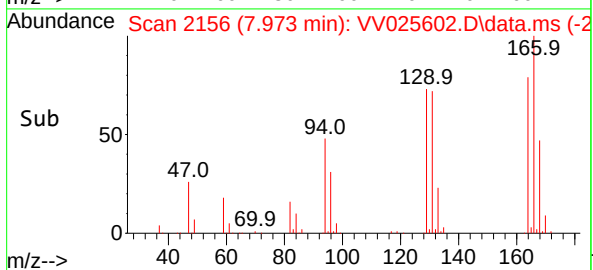
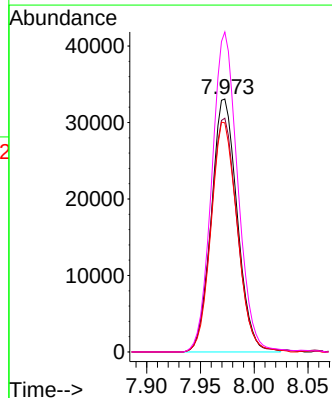
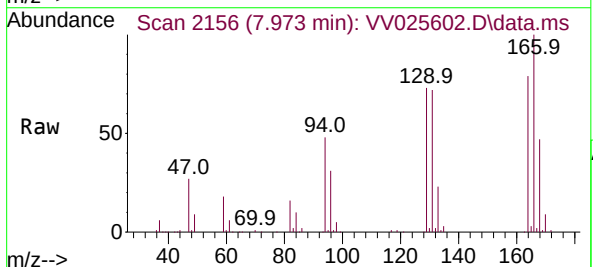
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

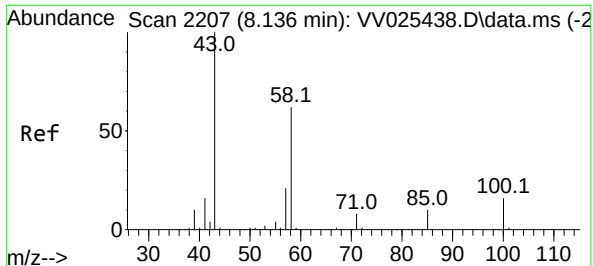
Tgt Ion:	97	Resp:	45815
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.8	81.4
83	85.7	60.3	112.1
85	55.2	38.7	71.9



#47
Tetrachloroethene
Concen: 4.362 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

Tgt Ion:	164	Resp:	55508
Ion	Ratio	Lower	Upper
164	100		
129	92.4	66.8	124.2
131	90.5	66.4	123.4
166	126.5	91.7	170.3



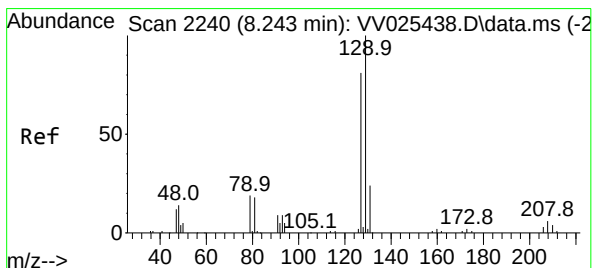
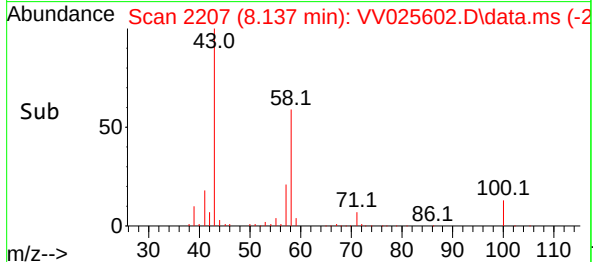
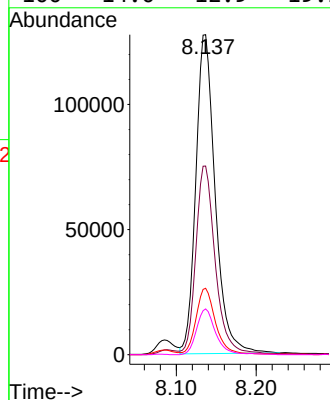
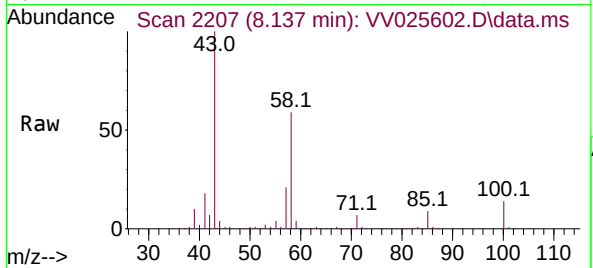


#48
2-Hexanone
Concen: 54.599 ug/L
RT: 8.137 min Scan# 215756
Delta R.T. -0.003 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

Tgt Ion: 43 Resp: 215756

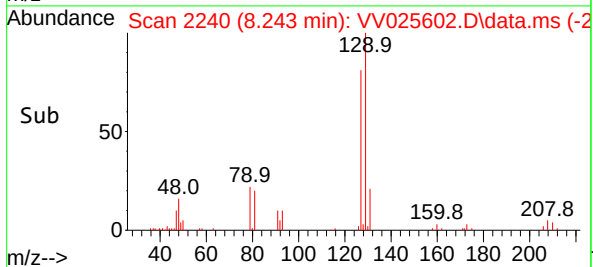
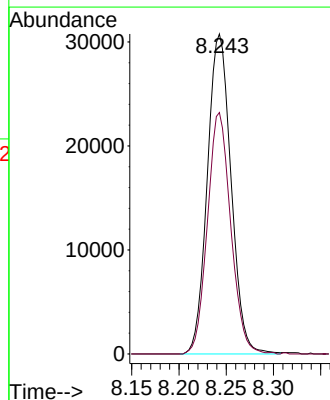
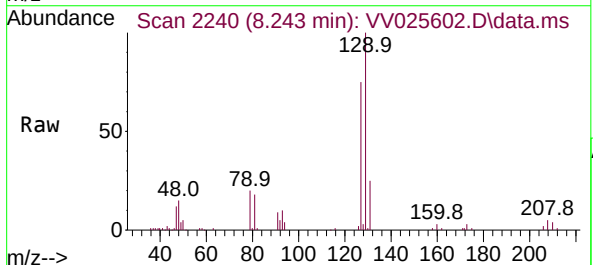
Ion	Ratio	Lower	Upper
43	100		
58	59.6	49.7	74.5
57	21.0	16.4	24.6
100	14.0	12.9	19.3

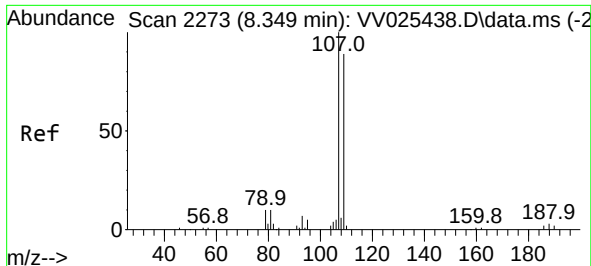


#49
Dibromochloromethane
Concen: 5.154 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

Tgt Ion: 129 Resp: 53663

Ion	Ratio	Lower	Upper
129	100		
127	75.4	53.8	100.0





#50

1,2-Dibromoethane

Concen: 4.674 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.006 min

Lab File: VV025602.D

Acq: 18 Apr 2022 12:15

Instrument :

MSVOA_V

ClientSampleId :

VSTD005382

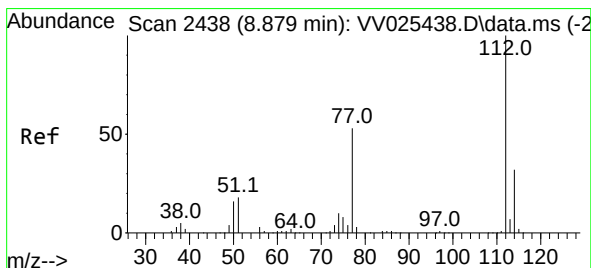
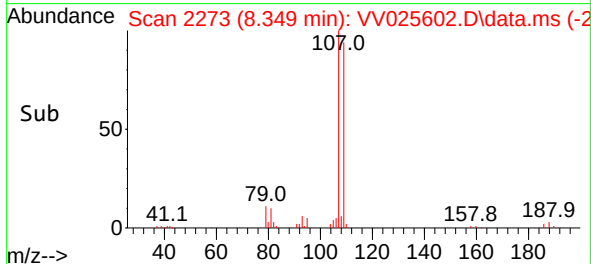
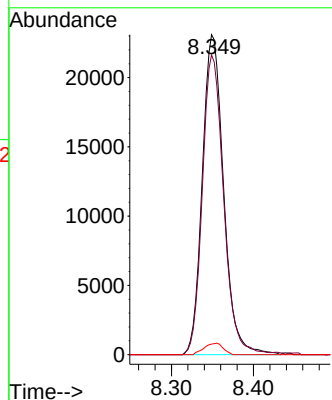
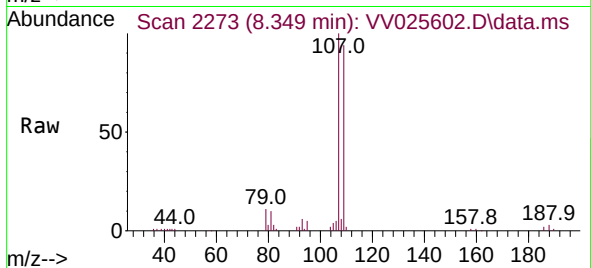
Tgt Ion:107 Resp: 41639

Ion Ratio Lower Upper

107 100

109 93.7 65.9 122.3

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 4.675 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.003 min

Lab File: VV025602.D

Acq: 18 Apr 2022 12:15

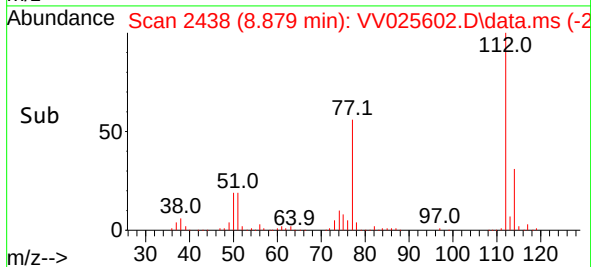
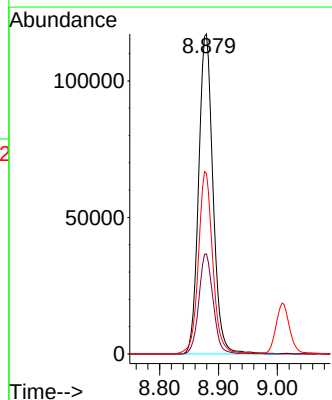
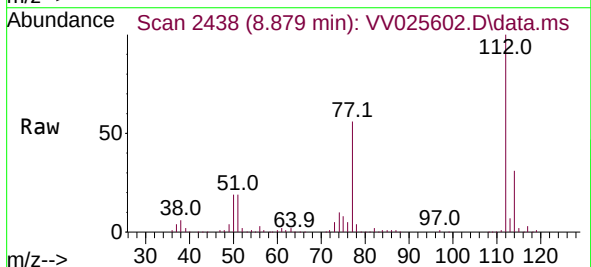
Tgt Ion:112 Resp: 198769

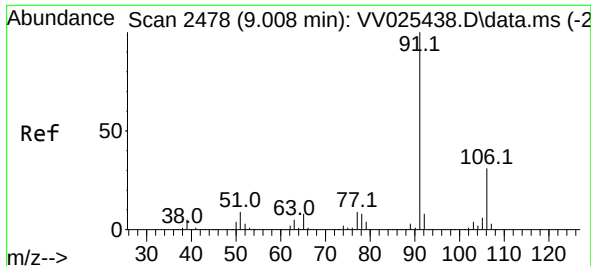
Ion Ratio Lower Upper

112 100

114 31.3 22.4 41.6

77 56.4 43.7 65.5

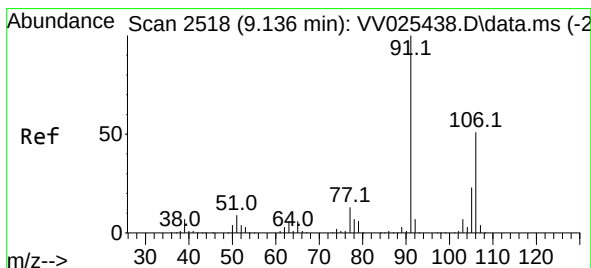
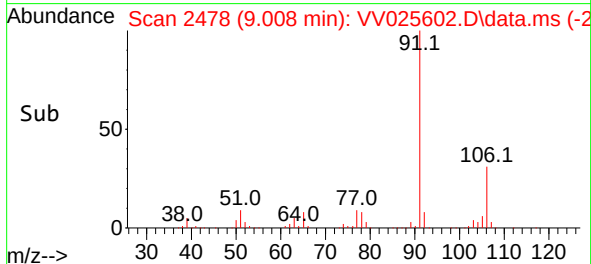
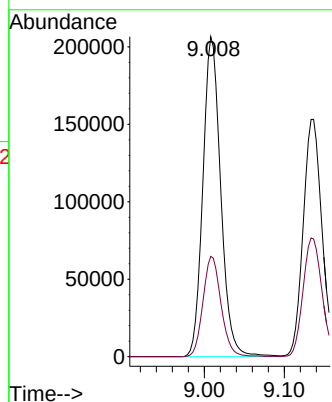
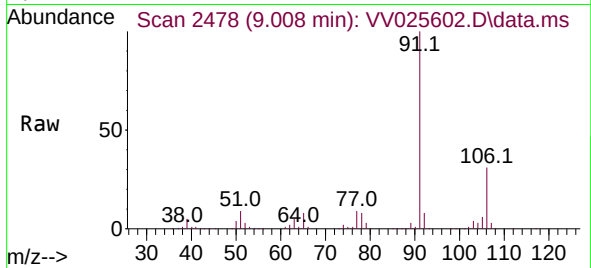




#52
Ethylbenzene
Concen: 4.525 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.003 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

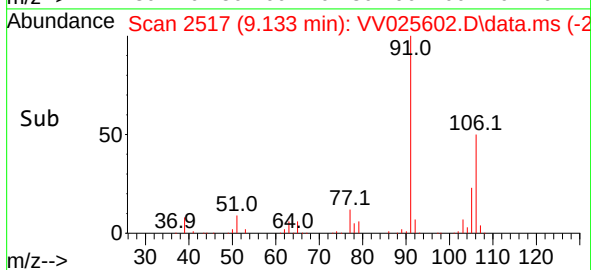
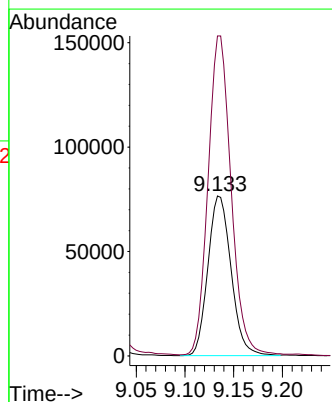
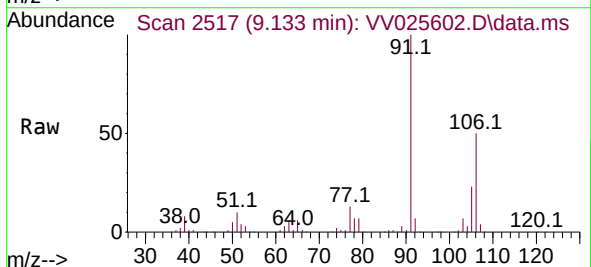
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

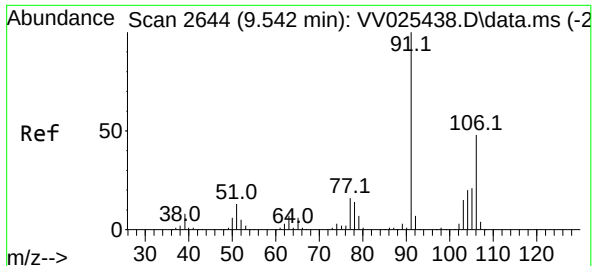
Tgt Ion: 91 Resp: 321388
Ion Ratio Lower Upper
91 100
106 31.3 22.3 41.3



#53
m,p-Xylene
Concen: 4.691 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.006 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

Tgt Ion: 106 Resp: 126662
Ion Ratio Lower Upper
106 100
91 200.0 136.4 253.4

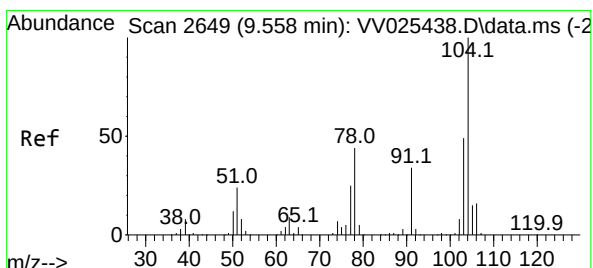
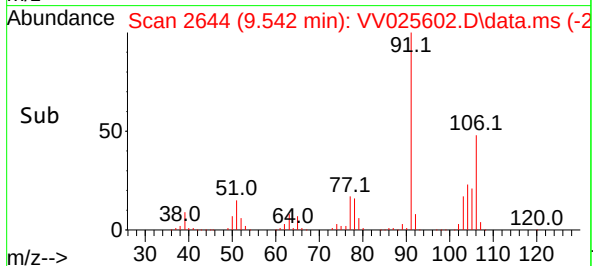
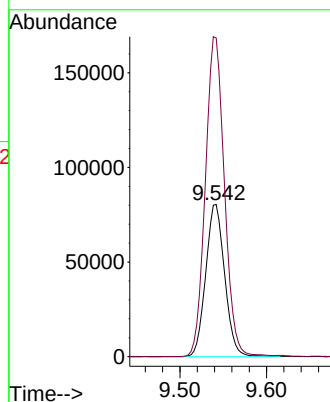
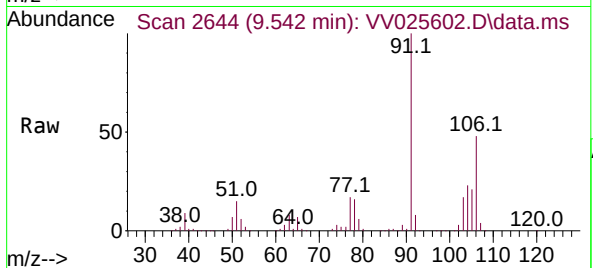




#54
o-Xylene
Concen: 4.663 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

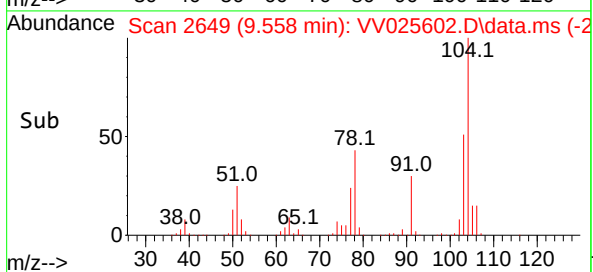
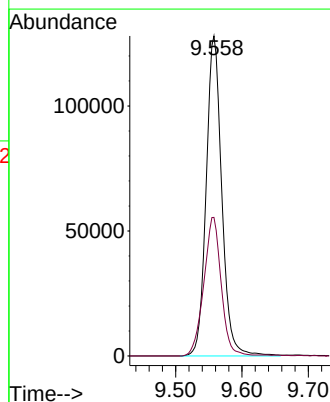
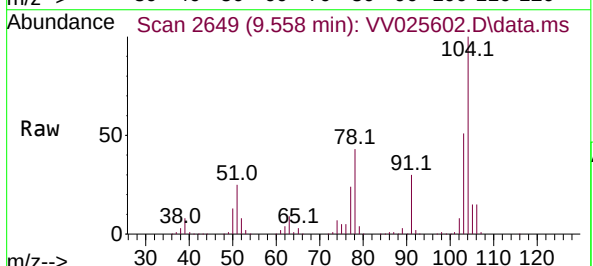
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

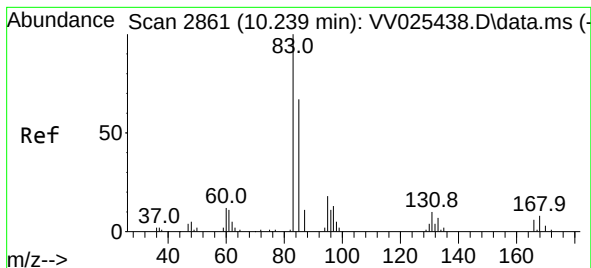
Tgt Ion:106 Resp: 122287
Ion Ratio Lower Upper
106 100
91 209.6 150.4 279.2



#55
Styrene
Concen: 4.924 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

Tgt Ion:104 Resp: 210007
Ion Ratio Lower Upper
104 100
78 43.3 28.3 52.7

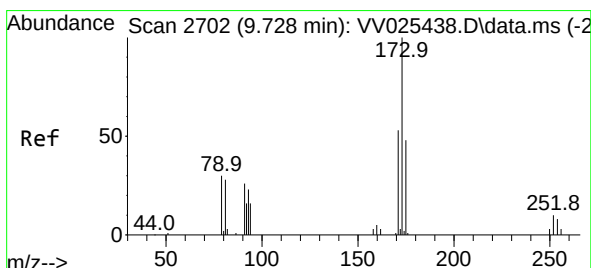
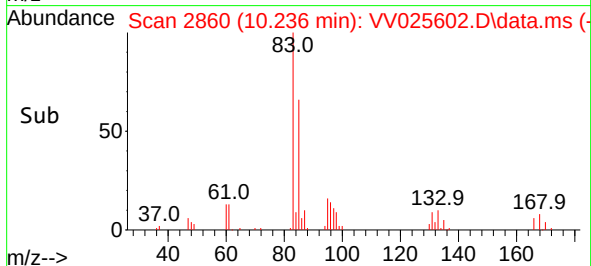
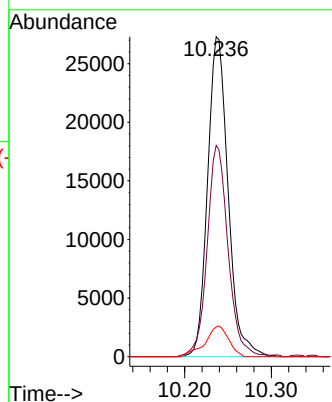
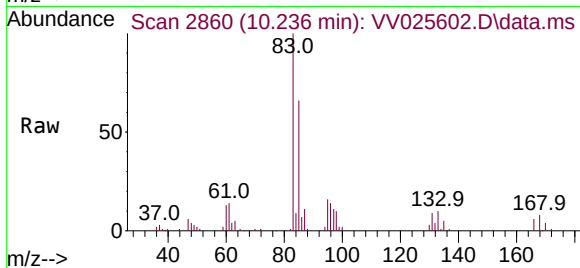




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.739 ug/L
 RT: 10.236 min Scan# 2860
 Delta R.T. -0.003 min
 Lab File: VV025602.D
 Acq: 18 Apr 2022 12:15

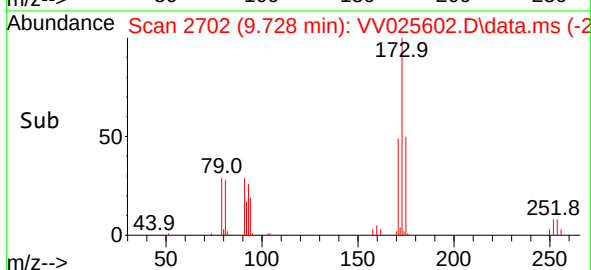
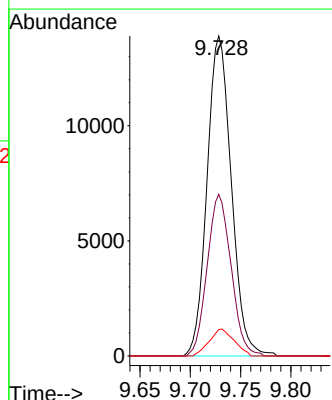
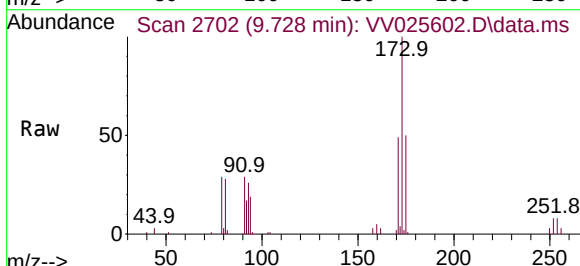
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005382

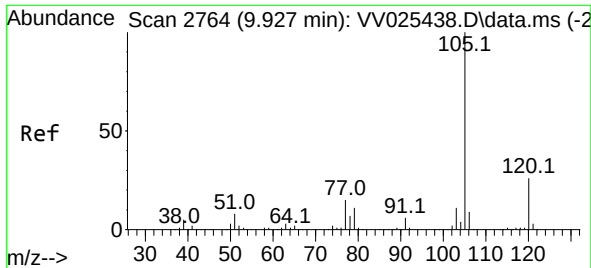
Tgt Ion:	83	Resp:	44908
Ion	Ratio	Lower	Upper
83	100		
85	66.0	45.1	83.9
131	9.3	7.9	11.9



#59
 Bromoform
 Concen: 5.009 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.003 min
 Lab File: VV025602.D
 Acq: 18 Apr 2022 12:15

Tgt Ion:	173	Resp:	23327
Ion	Ratio	Lower	Upper
173	100		
175	49.7	40.8	61.2
254	8.6	7.0	10.6

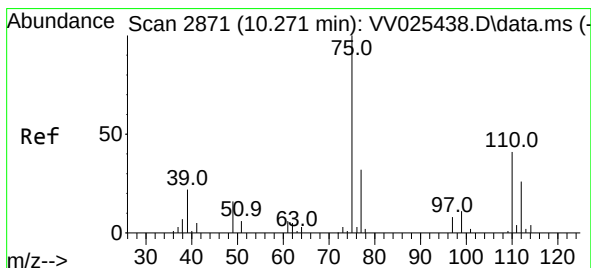
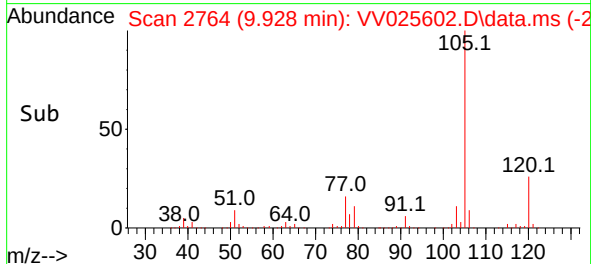
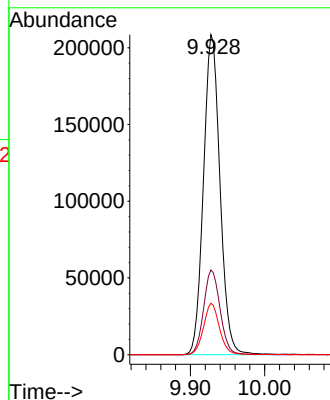
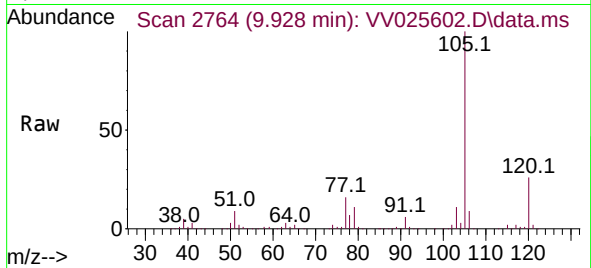




#60
Isopropylbenzene
Concen: 4.610 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. -0.003 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

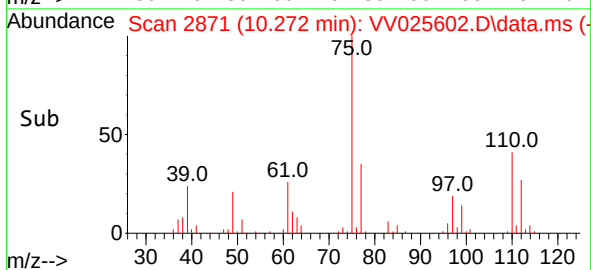
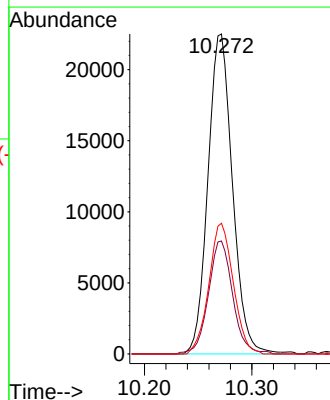
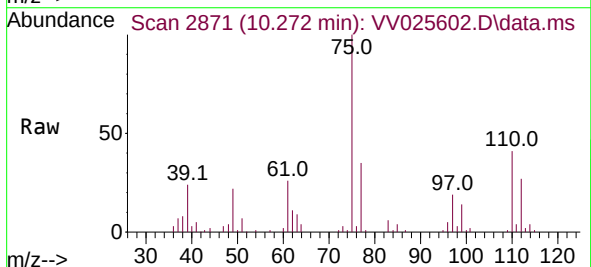
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

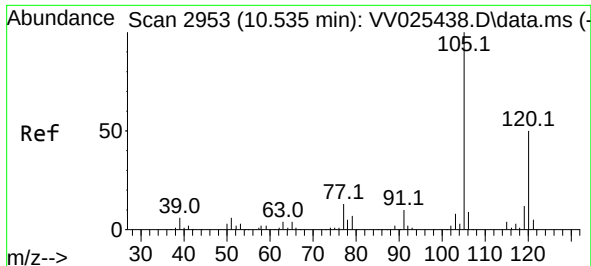
Tgt Ion:105 Resp: 321978
Ion Ratio Lower Upper
105 100
120 26.4 21.2 31.8
77 15.5 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.804 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

Tgt Ion: 75 Resp: 35697
Ion Ratio Lower Upper
75 100
77 34.9 25.6 38.4
110 40.6 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 4.469 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.003 min

Lab File: VV025602.D

Acq: 18 Apr 2022 12:15

Instrument :

MSVOA_V

ClientSampleId :

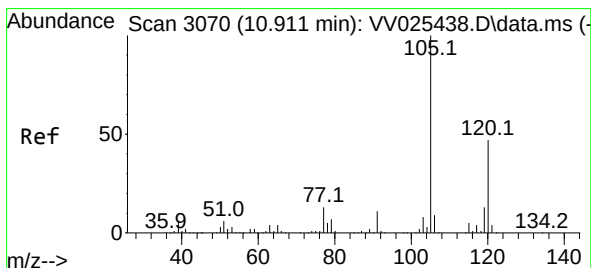
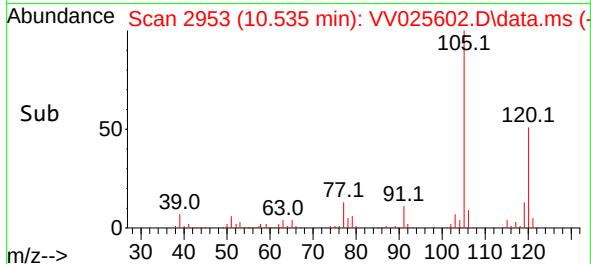
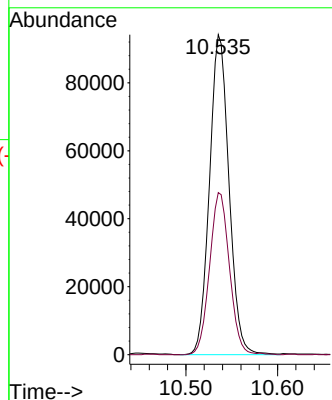
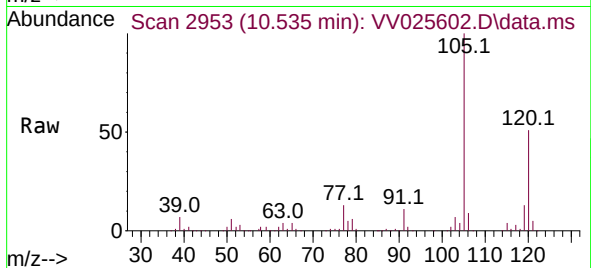
VSTD005382

Tgt Ion:105 Resp: 139180

Ion Ratio Lower Upper

105 100

120 51.6 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.687 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV025602.D

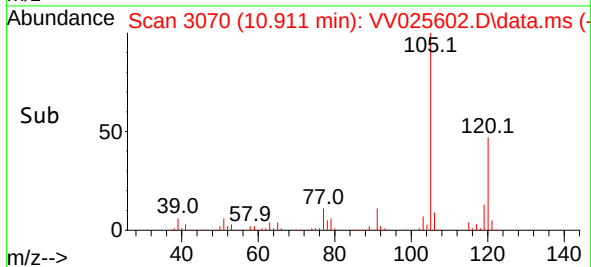
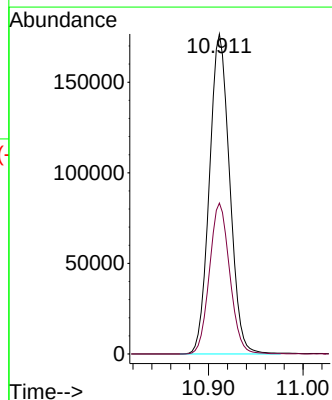
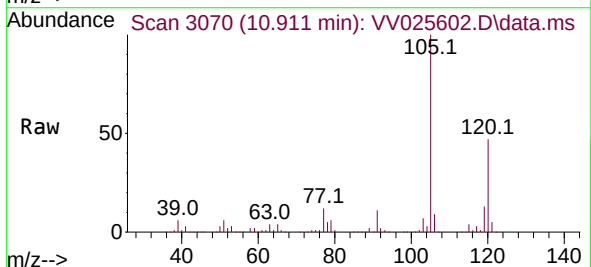
Acq: 18 Apr 2022 12:15

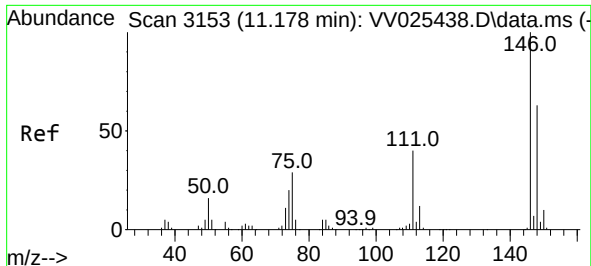
Tgt Ion:105 Resp: 262965

Ion Ratio Lower Upper

105 100

120 47.2 36.6 55.0

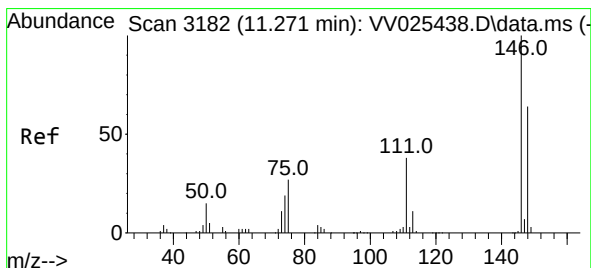
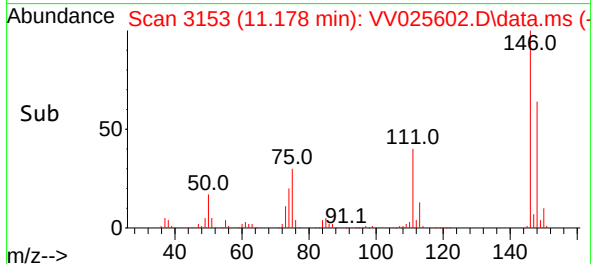
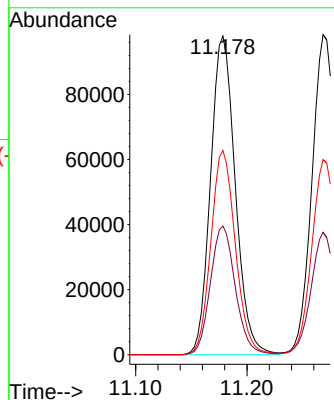
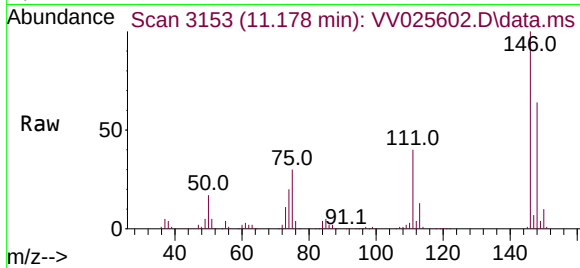




#64
 1,3-Dichlorobenzene
 Concen: 4.632 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.000 min
 Lab File: VV025602.D
 Acq: 18 Apr 2022 12:15

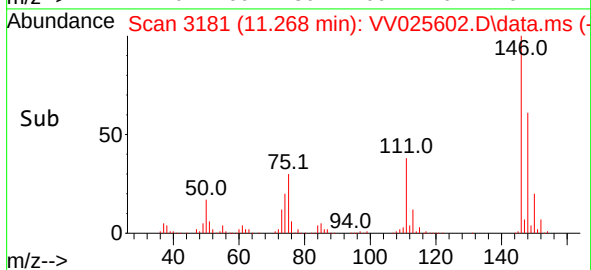
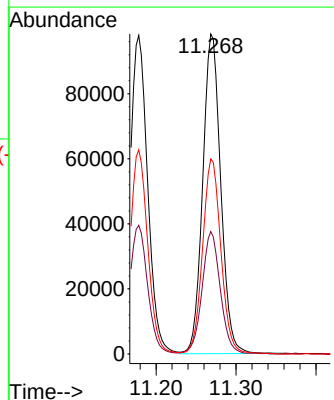
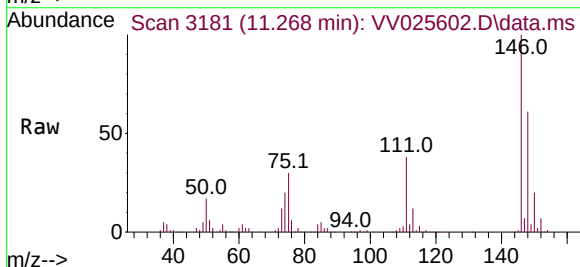
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005382

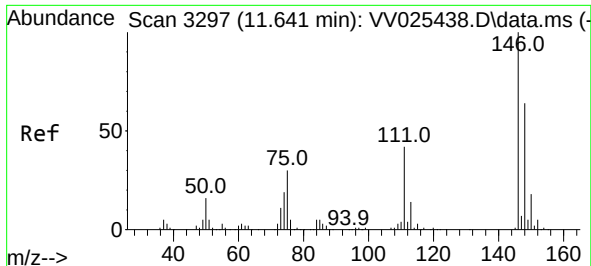
Tgt Ion:146 Resp: 151019
 Ion Ratio Lower Upper
 146 100
 111 40.4 27.4 50.8
 148 64.1 44.7 82.9



#65
 1,4-Dichlorobenzene
 Concen: 4.660 ug/L
 RT: 11.268 min Scan# 3181
 Delta R.T. -0.003 min
 Lab File: VV025602.D
 Acq: 18 Apr 2022 12:15

Tgt Ion:146 Resp: 154205
 Ion Ratio Lower Upper
 146 100
 111 38.3 26.7 49.7
 148 60.9 42.8 79.6

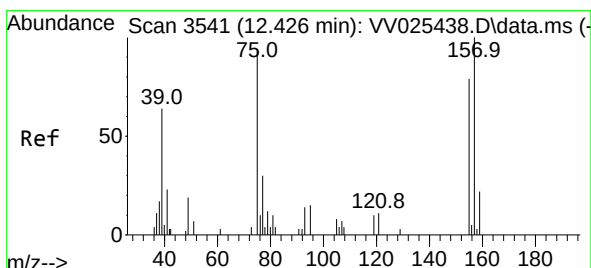
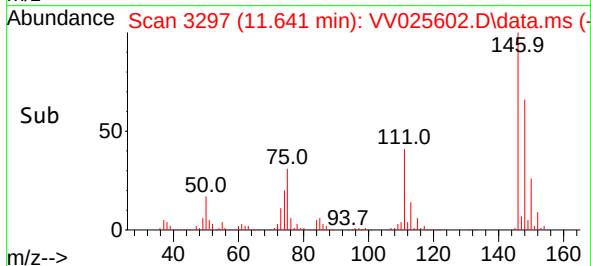
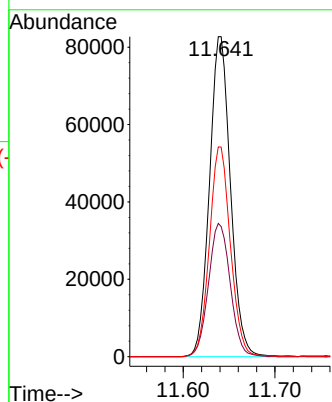
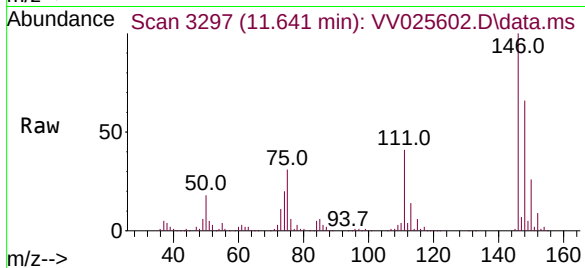




#67
1,2-Dichlorobenzene
Concen: 4.561 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

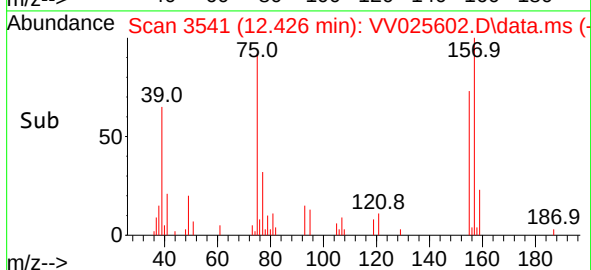
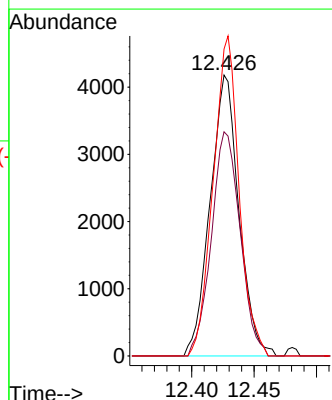
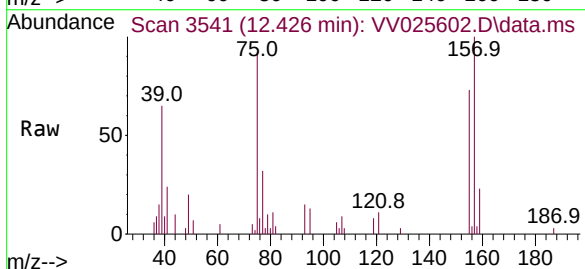
Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

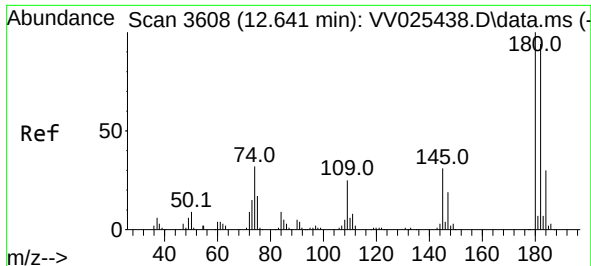
Tgt Ion:146 Resp: 131673
Ion Ratio Lower Upper
146 100
111 40.7 33.6 50.4
148 65.5 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.225 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

Tgt Ion: 75 Resp: 6713
Ion Ratio Lower Upper
75 100
155 79.8 65.8 98.8
157 109.2 86.6 130.0





#69

1,3,5-Trichlorobenzene

Concen: 4.486 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.003 min

Lab File: VV025602.D

Acq: 18 Apr 2022 12:15

Instrument :

MSVOA_V

ClientSampleId :

VSTD005382

Tgt Ion:180 Resp: 111257

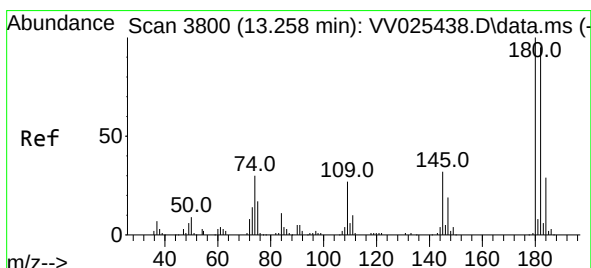
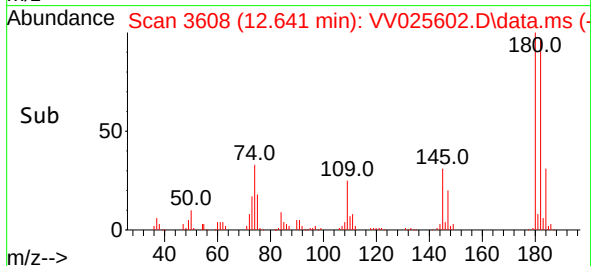
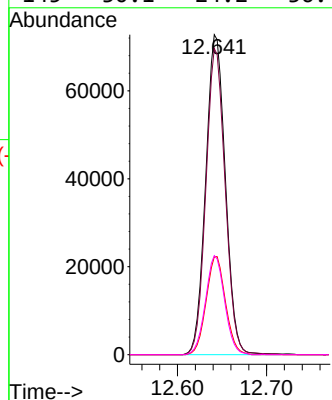
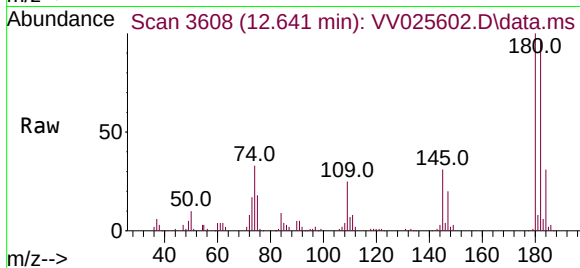
Ion Ratio Lower Upper

180 100

182 93.7 75.3 112.9

184 30.1 23.4 35.2

145 30.1 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 4.330 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV025602.D

Acq: 18 Apr 2022 12:15

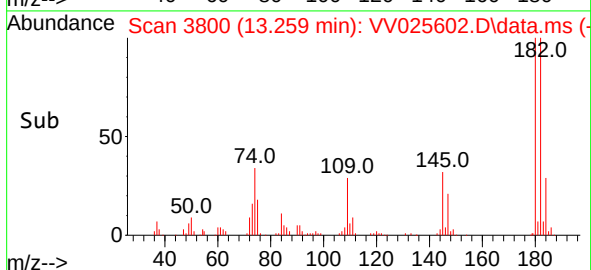
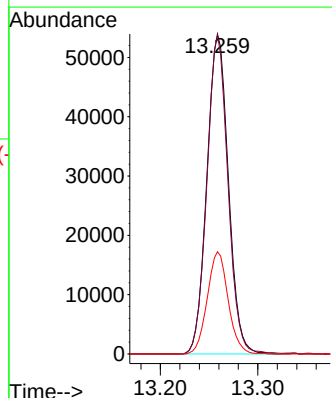
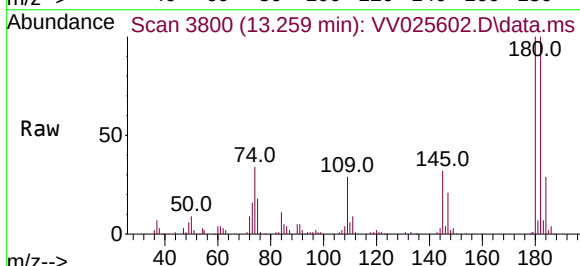
Tgt Ion:180 Resp: 82791

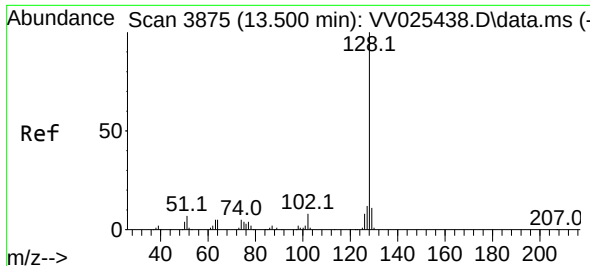
Ion Ratio Lower Upper

180 100

182 97.1 76.6 114.8

145 31.0 24.6 36.8

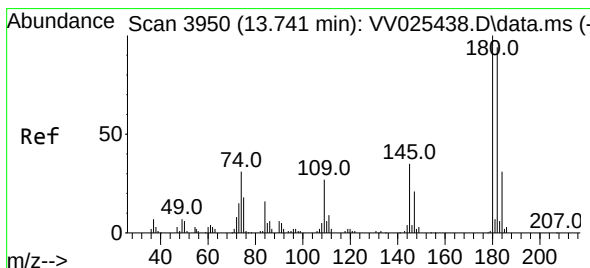
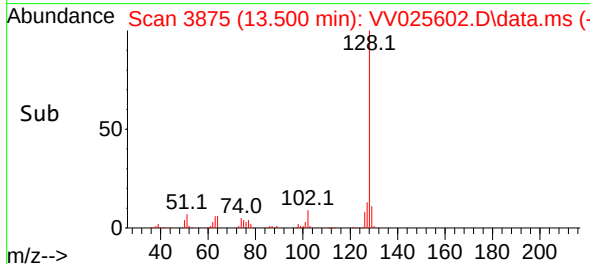
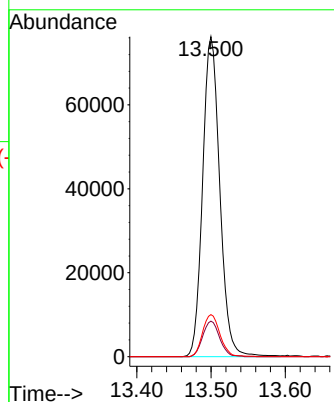
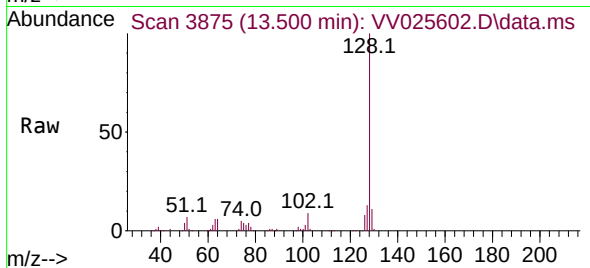




#71
Naphthalene
Concen: 4.365 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.003 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

Instrument :
MSVOA_V
ClientSampleId :
VSTD005382

Tgt Ion:128 Resp: 122448
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.423 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025602.D
Acq: 18 Apr 2022 12:15

Tgt Ion:180 Resp: 70027
Ion Ratio Lower Upper
180 100
182 95.2 77.7 116.5
145 33.2 27.4 41.2

