

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050922\
 Data File : VW025854.D
 Acq On : 09 May 2022 15:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005288

Quant Time: May 10 04:48:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 10 04:47:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	176683	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	176403	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	99967	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56785	2.932	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.600%
7) Chloroethane-d5	1.568	69	62131	3.647	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.111	63	134474	3.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	3.892	46	133800	50.484	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.960%
24) Chloroform-d	4.342	84	129965	4.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.027	65	58128	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.043	84	235418	4.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.063	67	73184	4.392	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.310	98	208402	4.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	7.619	79	22710	4.306	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.085	63	112528	54.744	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.480%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	53010	5.039	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	75004	4.277	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	91155	4.382	ug/L	100
3) Chloromethane	1.243	50	107578	4.442	ug/L	100
5) Vinyl chloride	1.310	62	111115	4.596	ug/L	100
6) Bromomethane	1.523	94	67382	5.119	ug/L	99
8) Chloroethane	1.584	64	74885	4.814	ug/L	99
9) Trichlorofluoromethane	1.754	101	152320	4.629	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	81735	4.606	ug/L	99
12) 1,1-Dichloroethene	2.117	96	81545	4.788	ug/L #	81
13) Acetone	2.182	43	96058	55.069	ug/L	94
14) Carbon disulfide	2.294	76	205599	4.669	ug/L	99
15) Methyl Acetate	2.436	43	21824	5.227	ug/L	91
16) Methylene chloride	2.503	84	79134	4.791	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	134464	5.194	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	70702	4.713	ug/L	97
19) 1,1-Dichloroethane	3.185	63	134752	5.037	ug/L	97
21) 2-Butanone	3.973	43	126672	54.273	ug/L	94
22) cis-1,2-Dichloroethene	3.905	96	77084	5.020	ug/L	94
23) Bromochloromethane	4.243	128	33179	5.284	ug/L #	89
25) Chloroform	4.368	83	143774	5.148	ug/L	94

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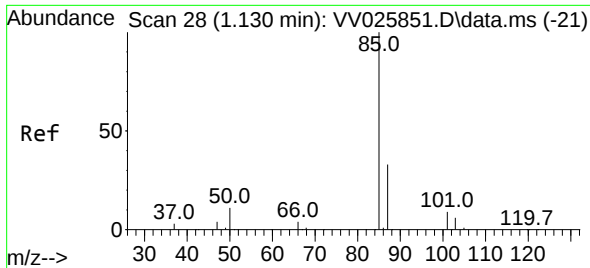
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	76553	5.056	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	122258	5.117	ug/L	98
30) Cyclohexane	4.670	56	97921	4.531	ug/L	97
31) Carbon tetrachloride	4.821	117	102806	5.040	ug/L	100
33) Benzene	5.092	78	304157	5.145	ug/L	100
34) Trichloroethene	5.908	95	74724	4.804	ug/L	97
35) Methylcyclohexane	6.127	83	111219	4.640	ug/L	95
37) 1,2-Dichloropropane	6.165	63	74215	5.167	ug/L	100
38) Bromodichloromethane	6.503	83	95172	5.345	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	92659	5.265	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	335081	56.150	ug/L	96
42) Toluene	7.381	91	322021	5.129	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	75110	5.352	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	48654	5.308	ug/L	98
47) Tetrachloroethene	7.969	164	56840	4.281	ug/L	97
48) 2-Hexanone	8.133	43	244094	58.000	ug/L	95
49) Dibromochloromethane	8.243	129	56092	5.547	ug/L	100
50) 1,2-Dibromoethane	8.349	107	43873	5.426	ug/L	99
51) Chlorobenzene	8.876	112	198708	4.975	ug/L	98
52) Ethylbenzene	9.008	91	317599	4.883	ug/L	99
53) m,p-Xylene	9.133	106	127014	4.970	ug/L	97
54) o-Xylene	9.542	106	121750	5.023	ug/L	96
55) Styrene	9.558	104	211626	5.286	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	51860	5.315	ug/L	98
59) Bromoform	9.728	173	26625	5.664	ug/L	97
60) Isopropylbenzene	9.927	105	317519	4.719	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	38806	4.850	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	129499	4.479	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	247878	4.691	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	152136	4.914	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	150211	4.752	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	134279	4.858	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	7298	4.889	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	107786	4.638	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	80044	4.614	ug/L	98
71) Naphthalene	13.500	128	112231	4.556	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	66762	4.722	ug/L	99

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

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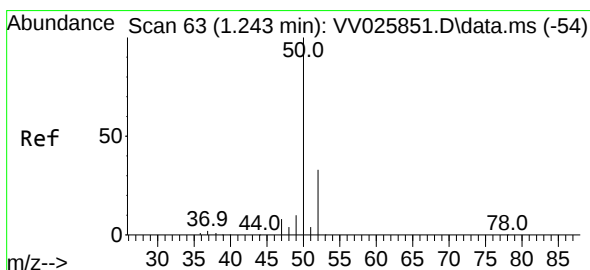
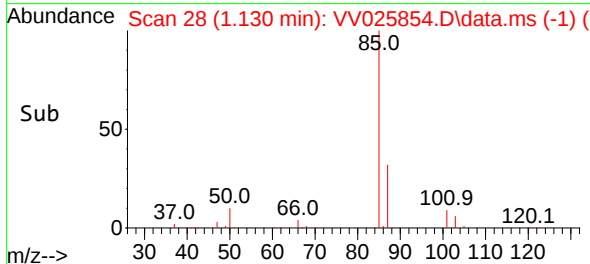
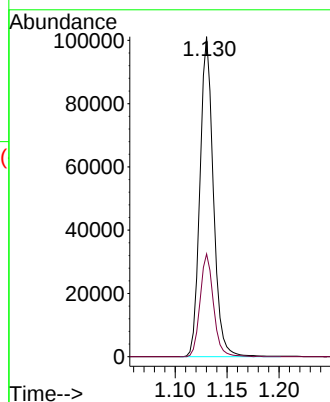
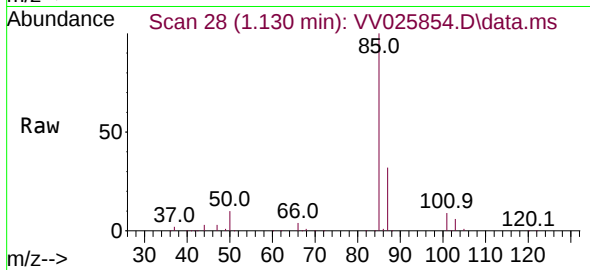




#2
 Dichlorodifluoromethane
 Concen: 4.382 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV025854.D
 Acq: 09 May 2022 15:05

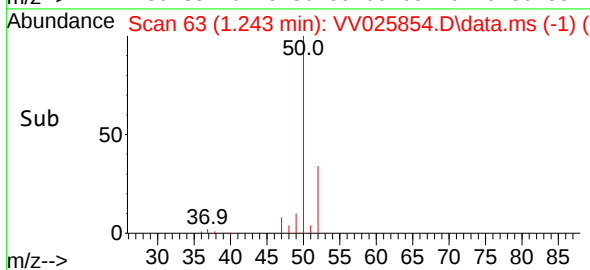
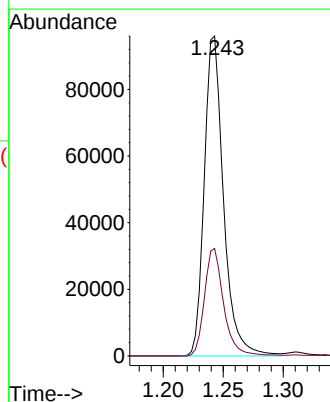
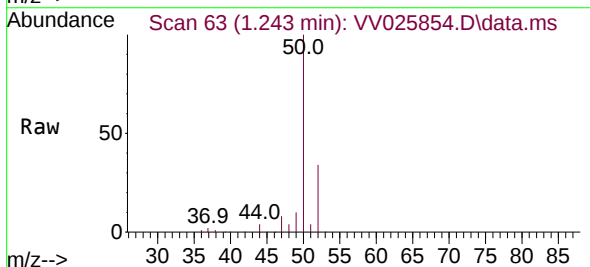
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005288

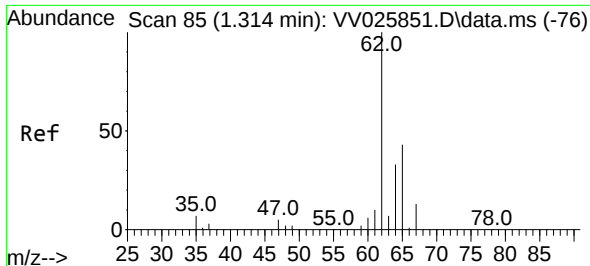
Tgt Ion: 85 Resp: 91155
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.6 38.4



#3
 Chloromethane
 Concen: 4.442 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025854.D
 Acq: 09 May 2022 15:05

Tgt Ion: 50 Resp: 107578
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.7 43.9

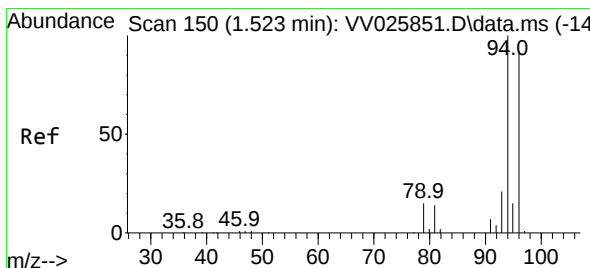
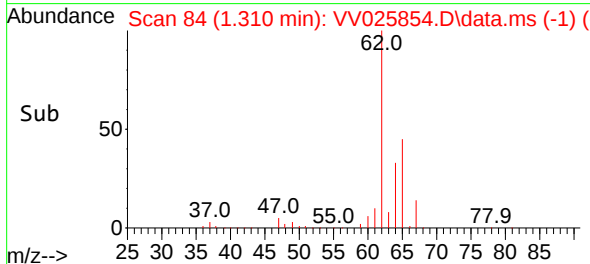
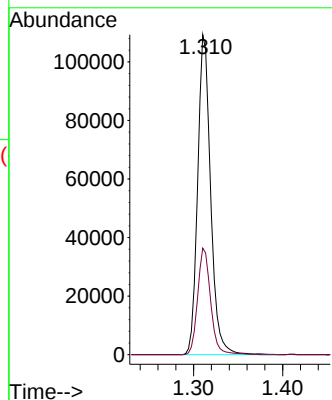
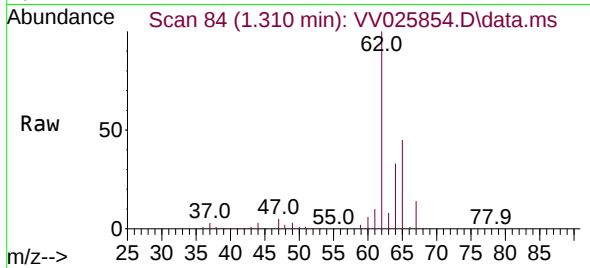




#5
 Vinyl chloride
 Concen: 4.596 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV025854.D
 Acq: 09 May 2022 15:05

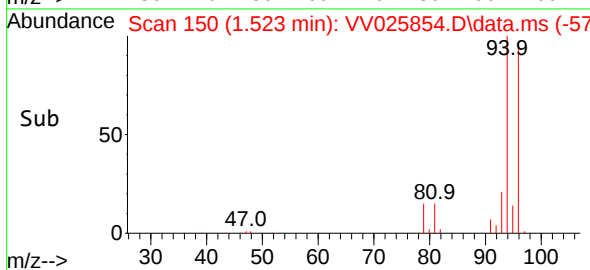
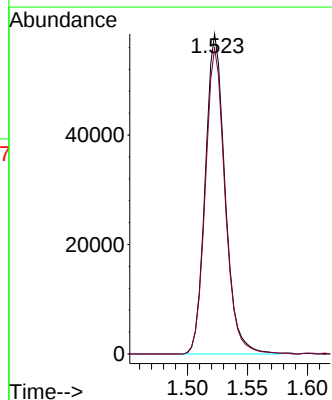
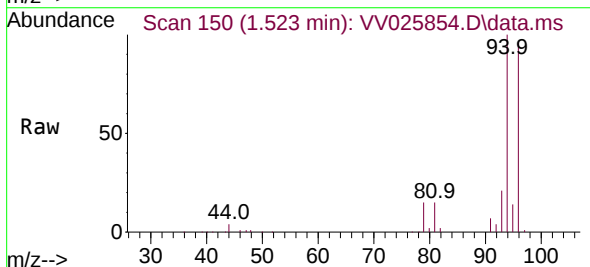
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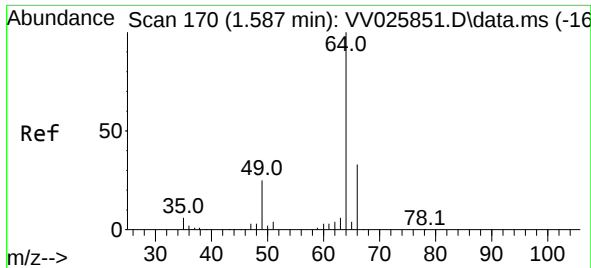
Tgt Ion: 62 Resp: 111115
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.2 43.2



#6
 Bromomethane
 Concen: 5.119 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV025854.D
 Acq: 09 May 2022 15:05

Tgt Ion: 94 Resp: 67382
 Ion Ratio Lower Upper
 94 100
 96 95.6 66.1 122.7

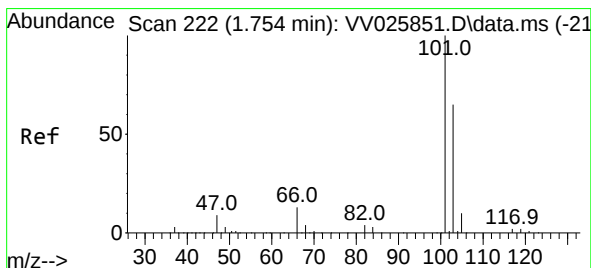
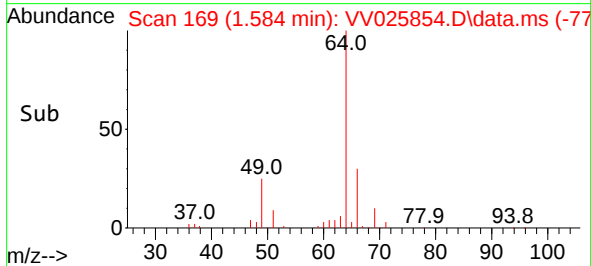
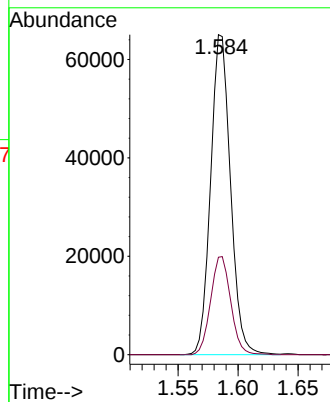
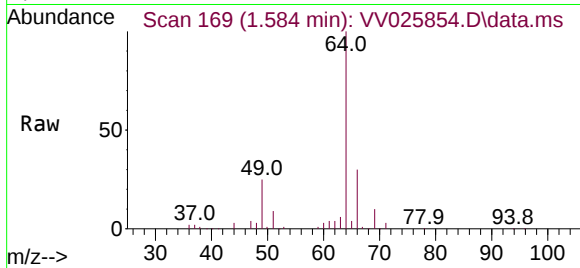




#8
Chloroethane
Concen: 4.814 ug/L
RT: 1.584 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

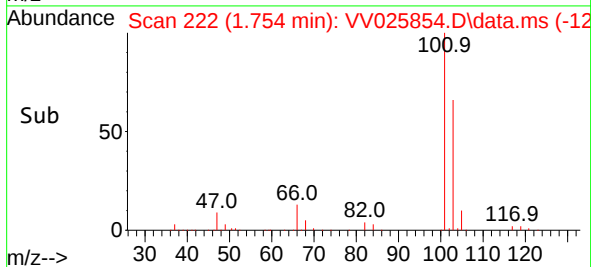
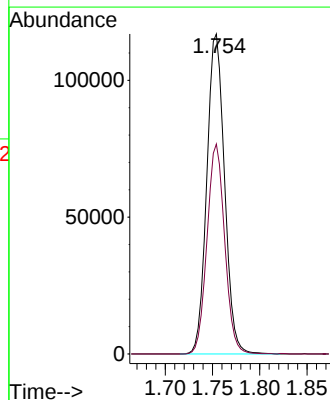
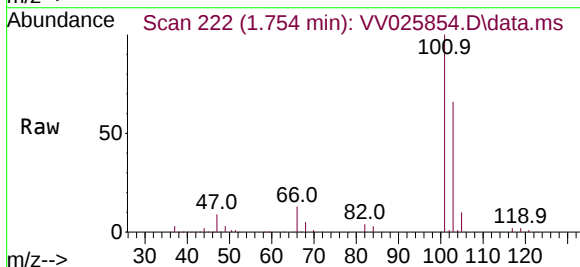
Instrument :
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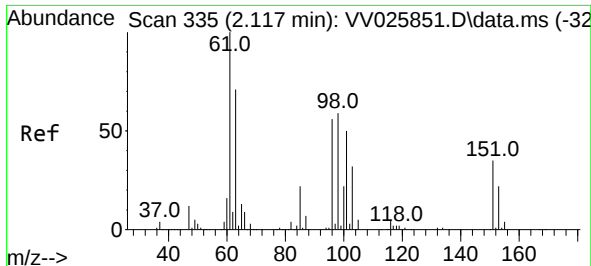
Tgt Ion: 64 Resp: 74885
Ion Ratio Lower Upper
64 100
66 30.4 21.8 40.6



#9
Trichlorofluoromethane
Concen: 4.629 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

Tgt Ion:101 Resp: 152320
Ion Ratio Lower Upper
101 100
103 65.4 51.9 77.9

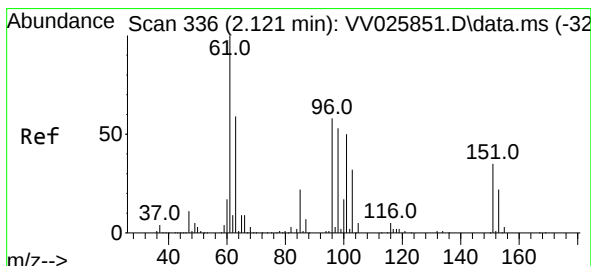
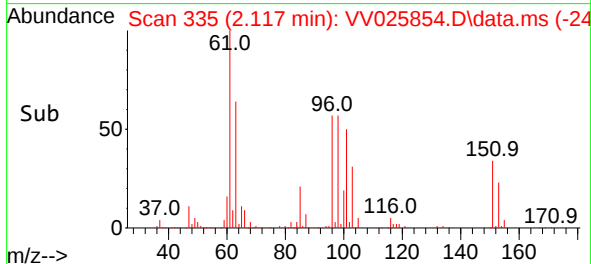
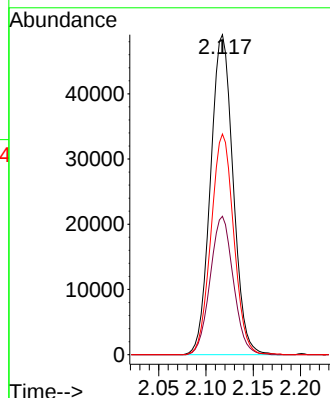
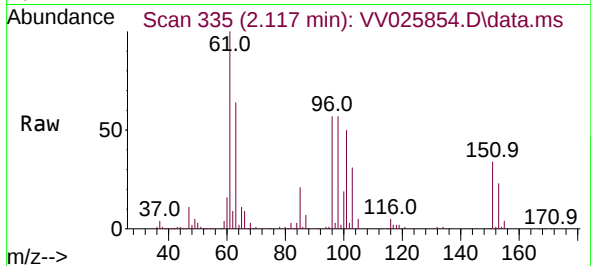




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.606 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV025854.D
 Acq: 09 May 2022 15:05

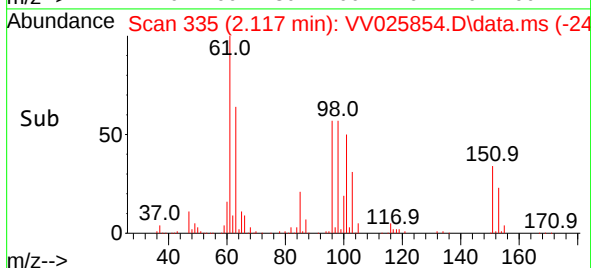
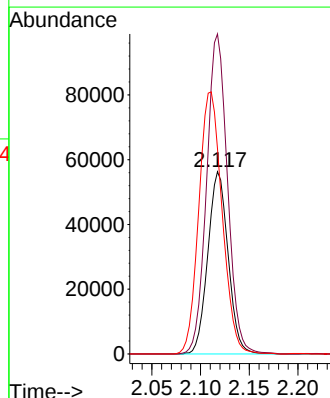
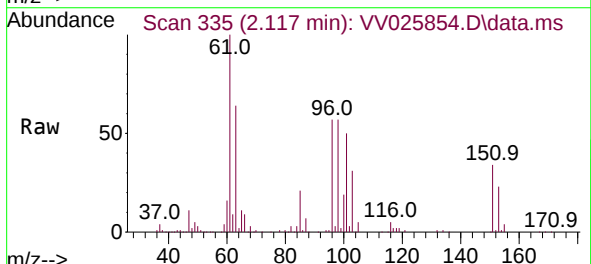
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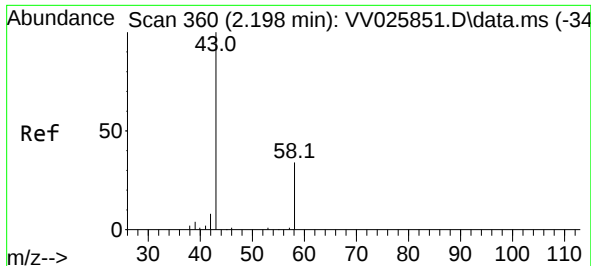
Tgt Ion:101 Resp: 81735
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.9 53.9
 151 69.3 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.788 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV025854.D
 Acq: 09 May 2022 15:05

Tgt Ion: 96 Resp: 81545
 Ion Ratio Lower Upper
 96 100
 61 175.6 125.2 232.4
 63 112.8 114.4 212.4#





#13

Acetone

Concen: 55.069 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.016 min

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Acq: 09 May 2022 15:05

Instrument :

MSVOA_V

ClientSampleId :

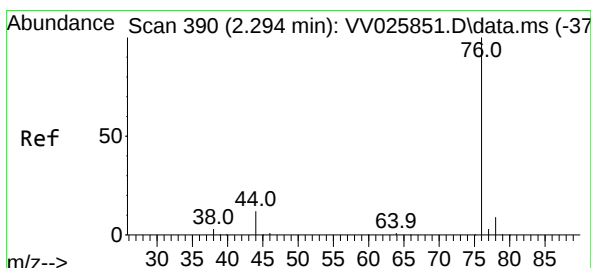
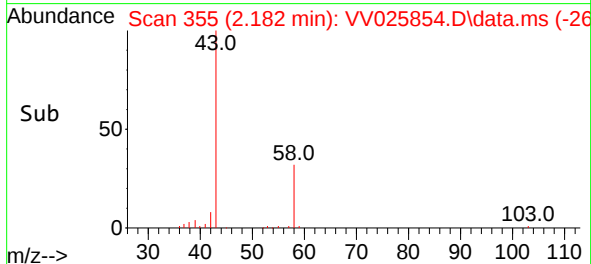
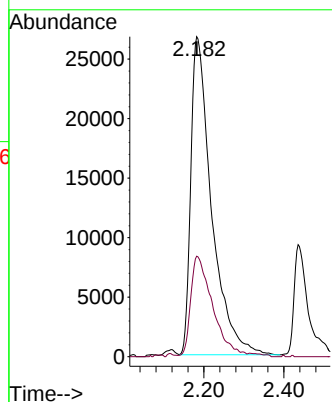
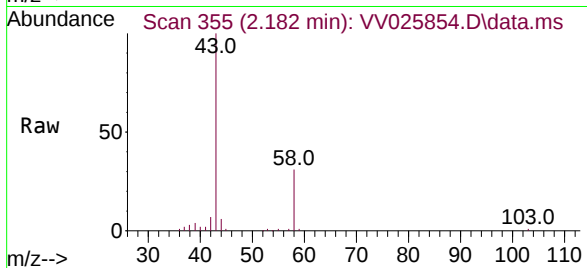
VSTD005288

Tgt Ion: 43 Resp: 96058

Ion Ratio Lower Upper

43 100

58 32.6 0.0 72.2



#14

Carbon disulfide

Concen: 4.669 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV025854.D

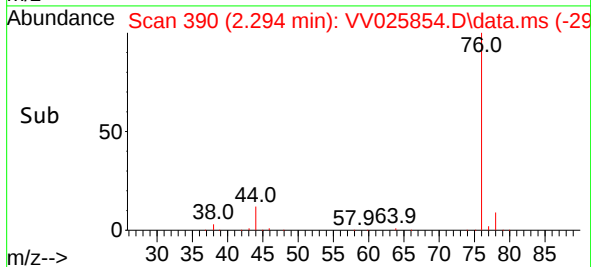
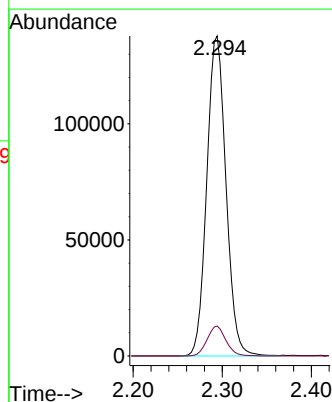
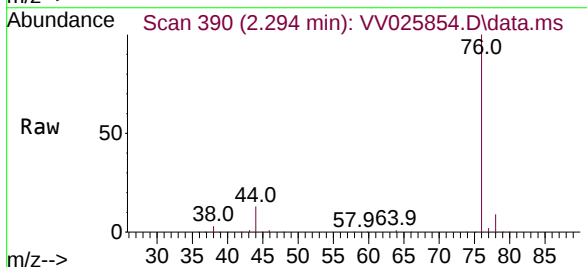
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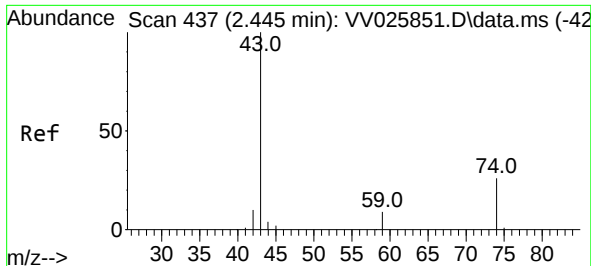
Tgt Ion: 76 Resp: 205599

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

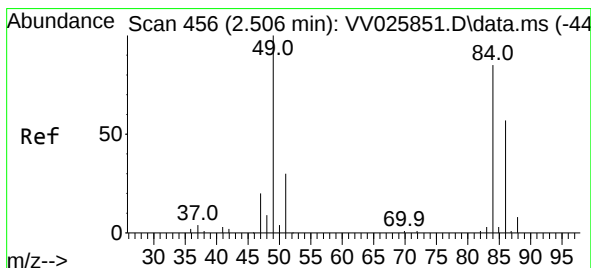
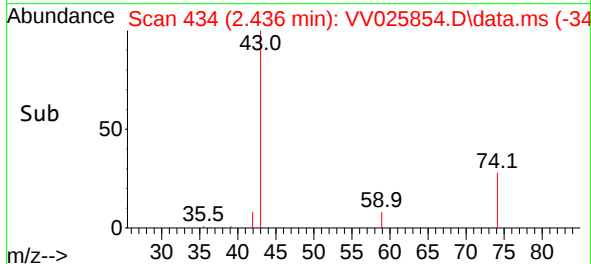
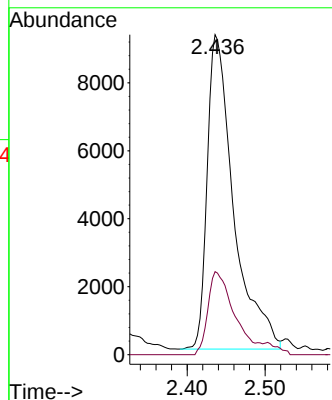
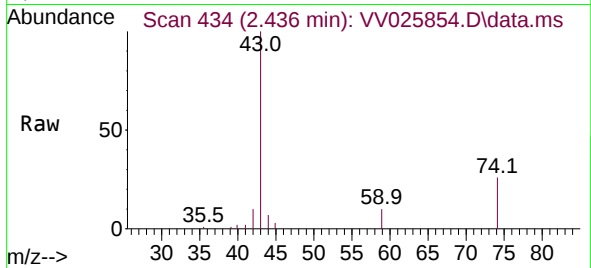




#15
Methyl Acetate
Concen: 5.227 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

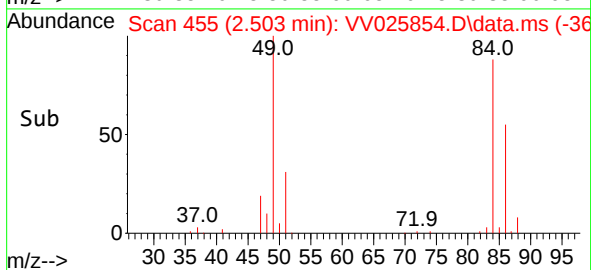
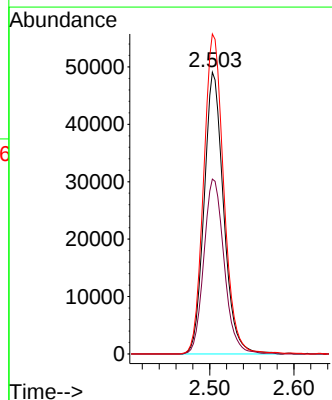
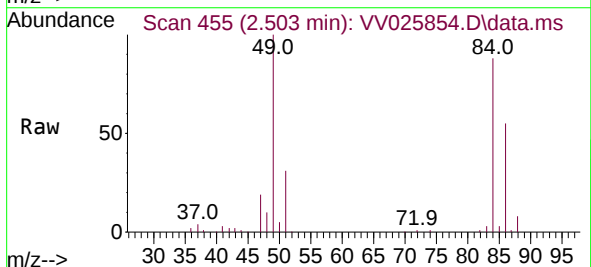
Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

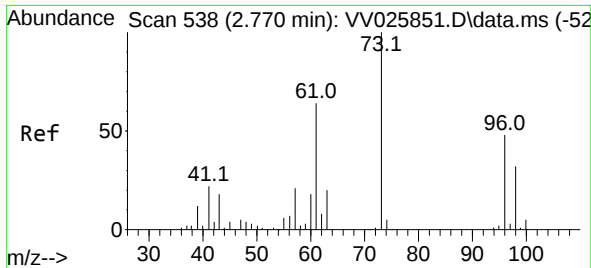
Tgt Ion: 43 Resp: 21824
Ion Ratio Lower Upper
43 100
74 26.5 25.2 37.8



#16
Methylene chloride
Concen: 4.791 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

Tgt Ion: 84 Resp: 79134
Ion Ratio Lower Upper
84 100
86 62.1 45.9 85.3
49 113.6 76.6 142.3

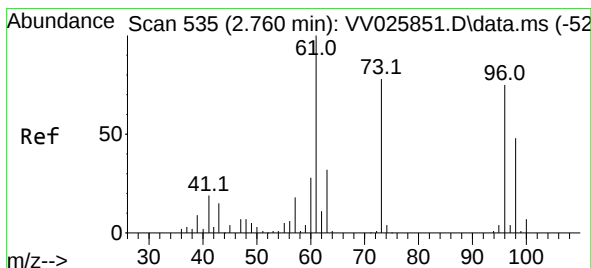
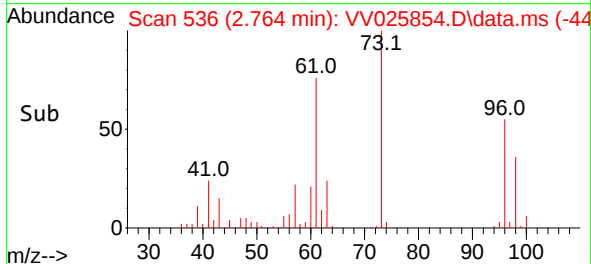
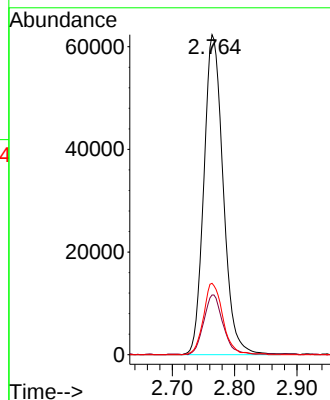
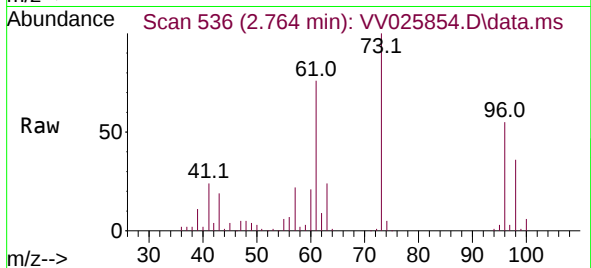




#17
Methyl tert-butyl Ether
Concen: 5.194 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

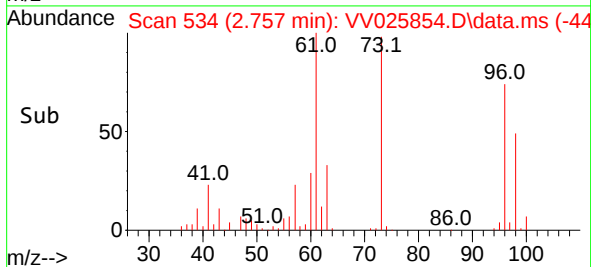
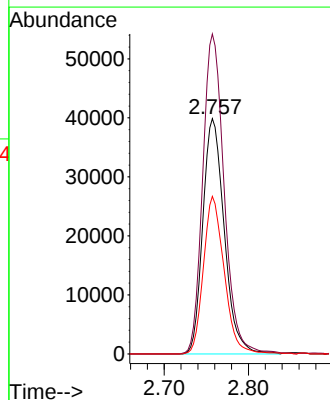
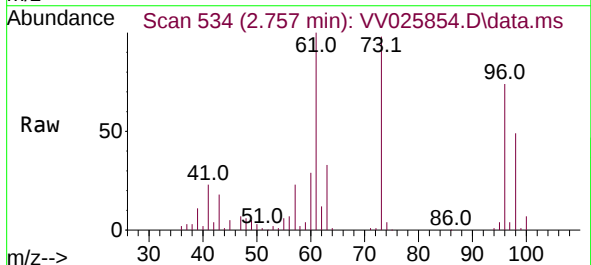
Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

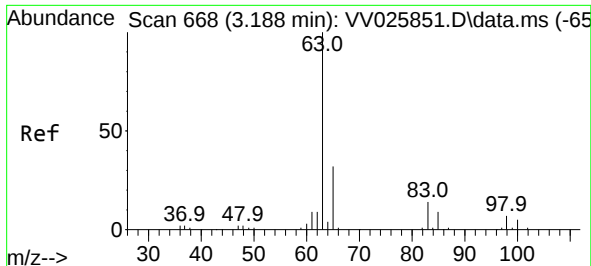
Tgt Ion: 73 Resp: 134464
Ion Ratio Lower Upper
73 100
43 18.7 14.2 21.4
57 22.3 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 4.713 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

Tgt Ion: 96 Resp: 70702
Ion Ratio Lower Upper
96 100
61 135.9 92.1 171.1
98 66.9 47.5 88.1

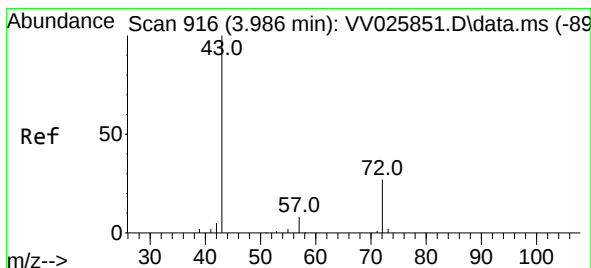
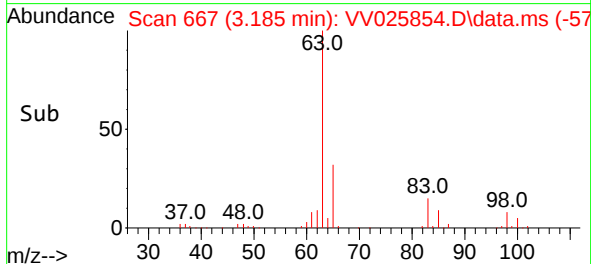
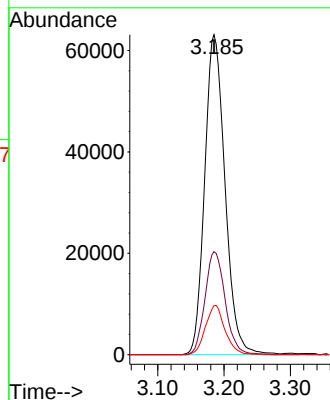
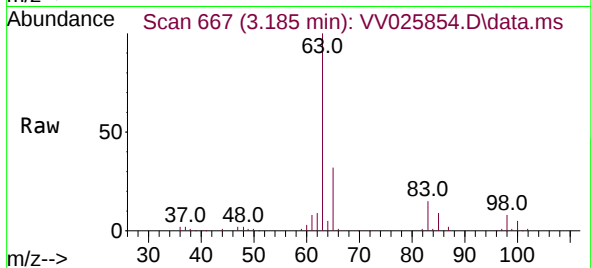




#19
1,1-Dichloroethane
Concen: 5.037 ug/L
RT: 3.185 min Scan# 668
Delta R.T. -0.003 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

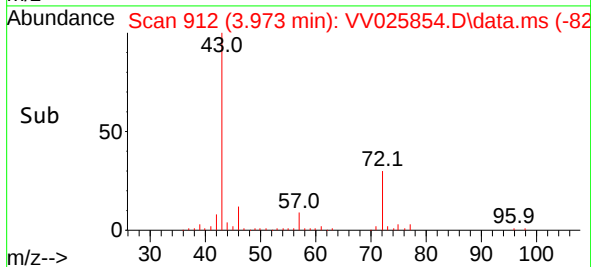
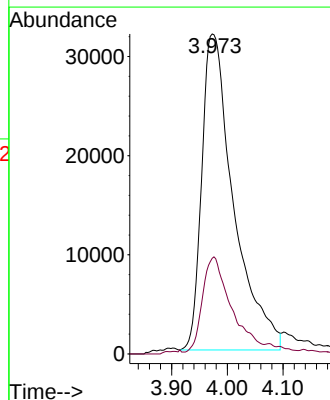
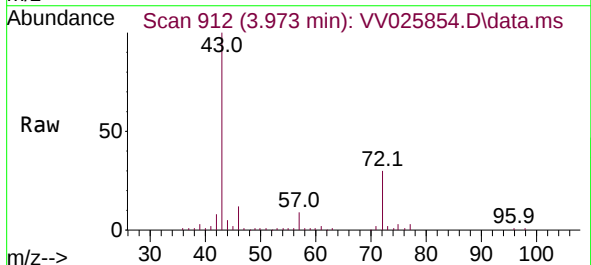
Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

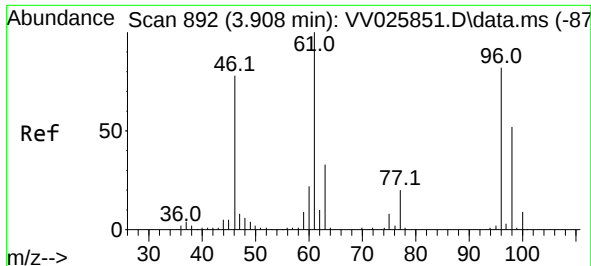
Tgt Ion: 63 Resp: 134752
Ion Ratio Lower Upper
63 100
65 32.2 23.2 43.0
83 15.3 9.0 16.8



#21
2-Butanone
Concen: 54.273 ug/L
RT: 3.973 min Scan# 912
Delta R.T. -0.013 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

Tgt Ion: 43 Resp: 126672
Ion Ratio Lower Upper
43 100
72 26.9 15.2 45.6





#22

cis-1,2-Dichloroethene

Concen: 5.020 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV025854.D

Acq: 09 May 2022 15:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005288

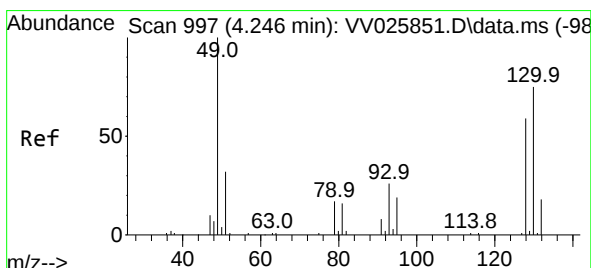
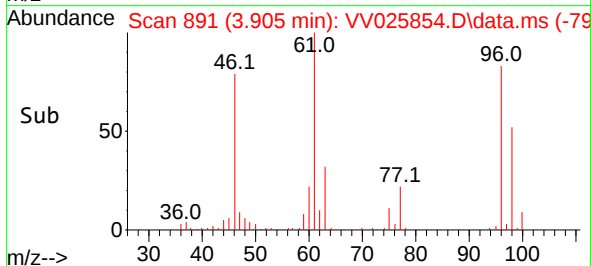
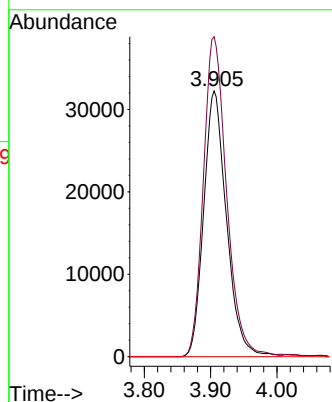
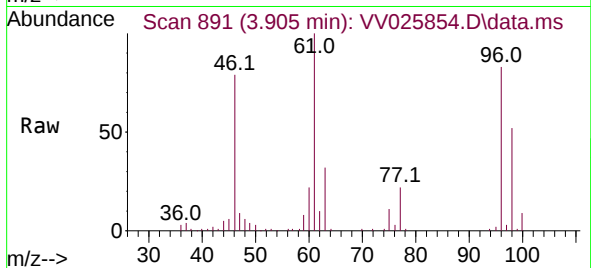
Tgt Ion: 96 Resp: 77084

Ion Ratio Lower Upper

96 100

61 120.4 80.0 148.6

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.284 ug/L

RT: 4.243 min Scan# 996

Delta R.T. -0.003 min

Lab File: VV025854.D

Acq: 09 May 2022 15:05

Tgt Ion:128 Resp: 33179

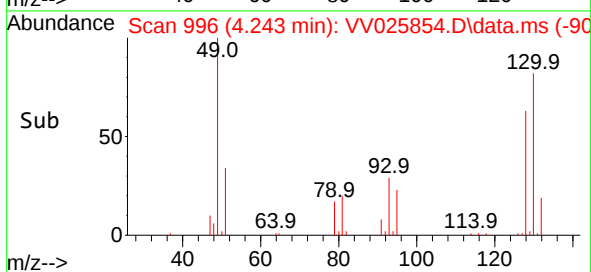
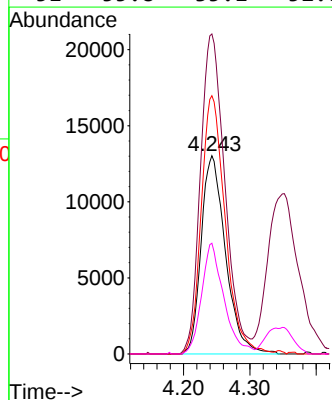
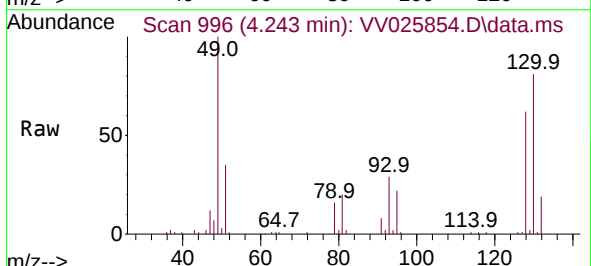
Ion Ratio Lower Upper

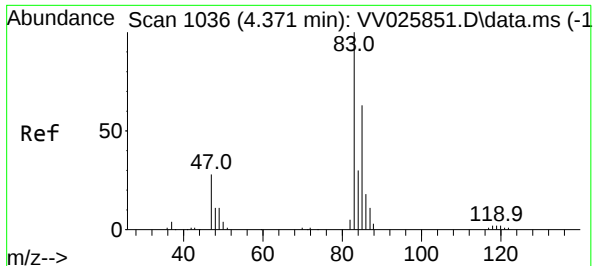
128 100

49 161.4 100.5 186.7

130 130.2 87.8 163.0

51 55.8 35.1 52.7#





#25

Chloroform

Concen: 5.148 ug/L

RT: 4.368 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV025854.D

Acq: 09 May 2022 15:05

Instrument :

MSVOA_V

ClientSampleId :

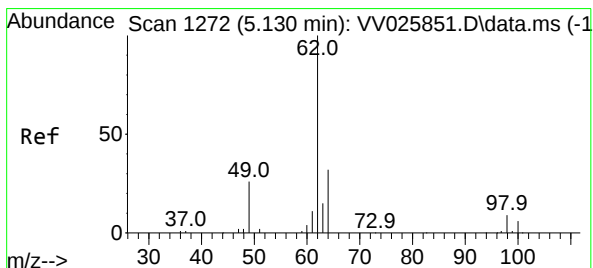
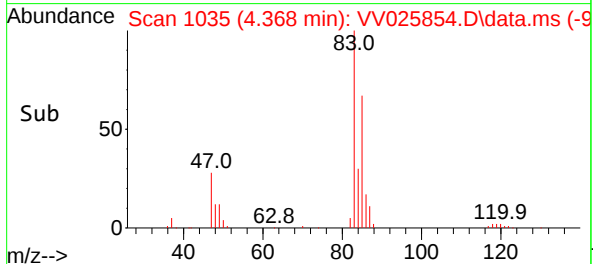
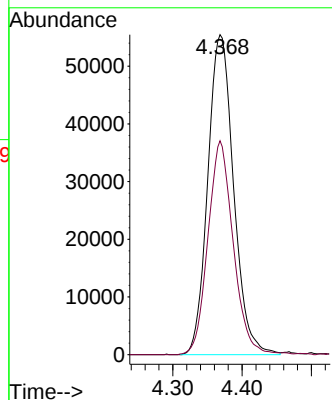
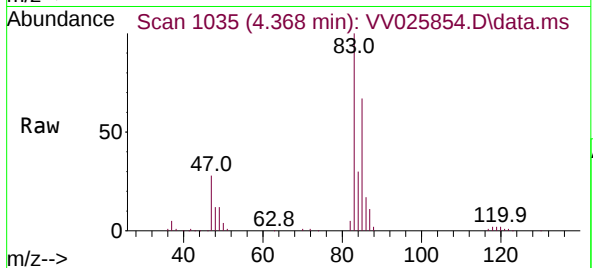
VSTD005288

Tgt Ion: 83 Resp: 143774

Ion Ratio Lower Upper

83 100

85 66.9 43.5 80.7



#27

1,2-Dichloroethane

Concen: 5.056 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.006 min

Lab File: VV025854.D

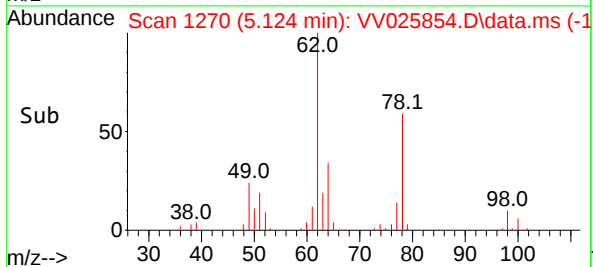
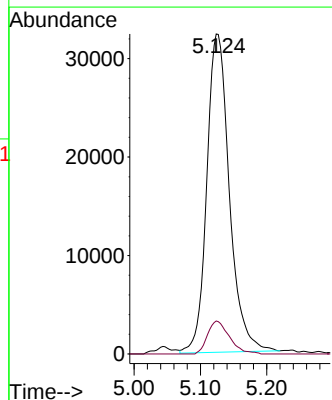
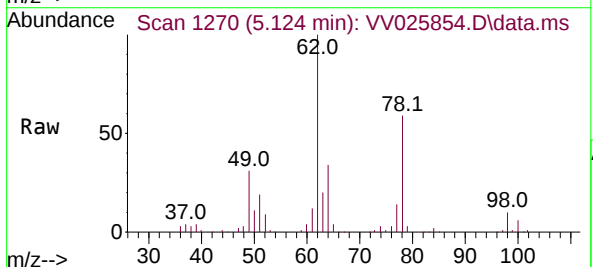
Acq: 09 May 2022 15:05

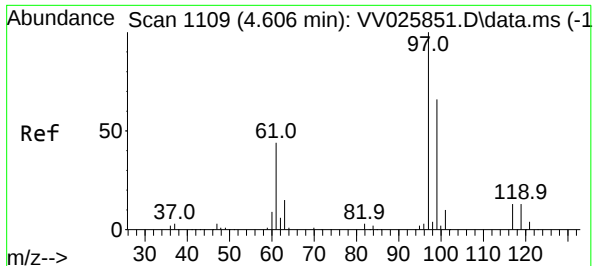
Tgt Ion: 62 Resp: 76553

Ion Ratio Lower Upper

62 100

98 10.3 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 5.117 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV025854.D

Acq: 09 May 2022 15:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005288

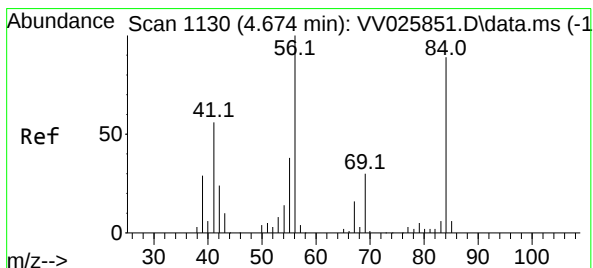
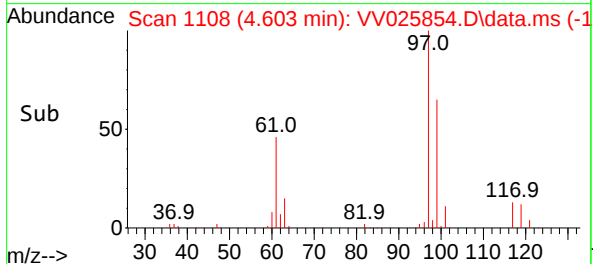
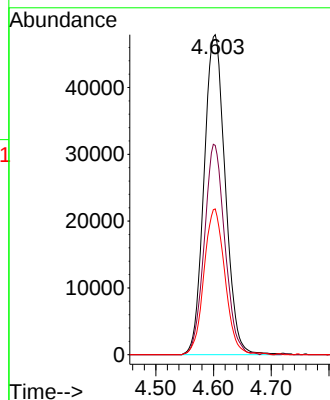
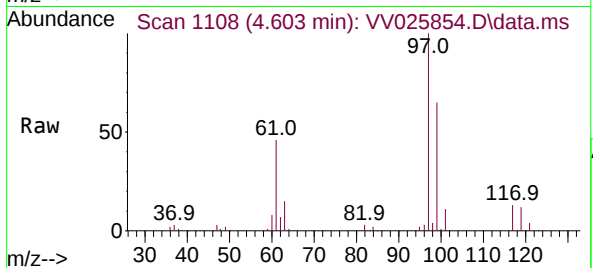
Tgt Ion: 97 Resp: 122258

Ion Ratio Lower Upper

97 100

99 63.8 51.5 77.3

61 44.8 34.3 51.5



#30

Cyclohexane

Concen: 4.531 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV025854.D

Acq: 09 May 2022 15:05

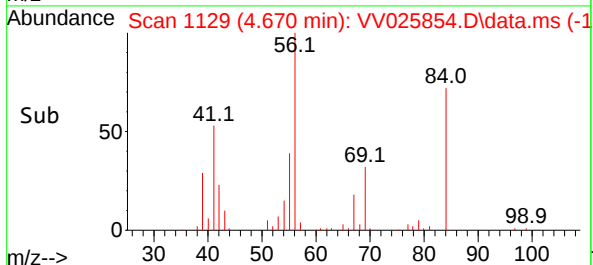
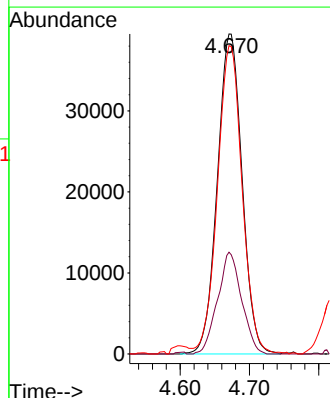
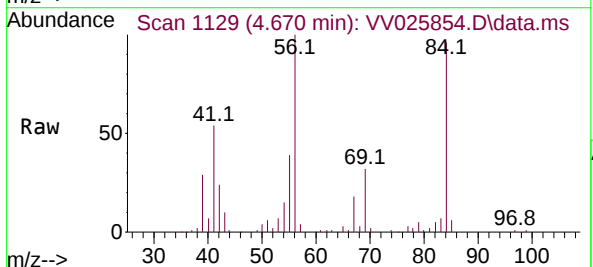
Tgt Ion: 56 Resp: 97921

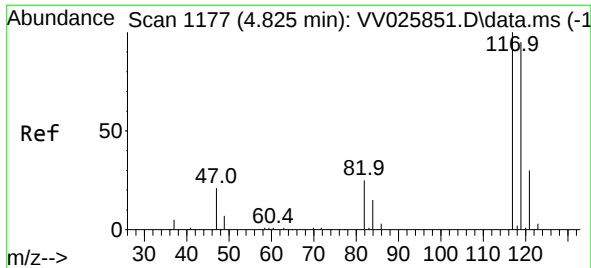
Ion Ratio Lower Upper

56 100

69 30.8 26.1 39.1

84 95.4 78.6 118.0

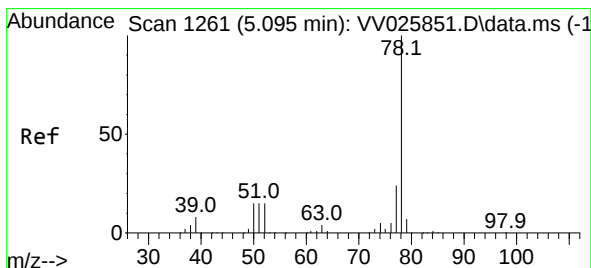
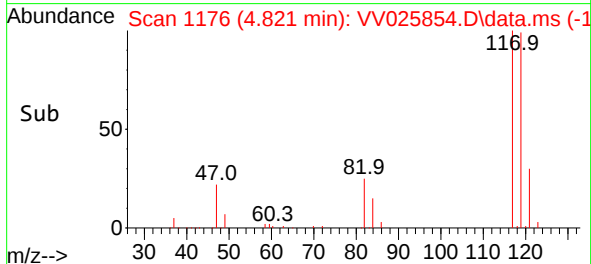
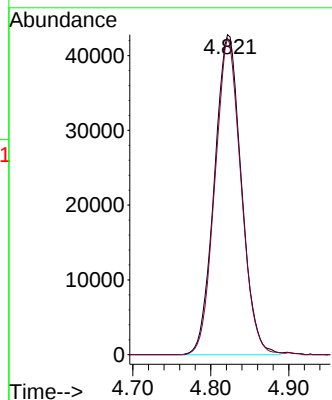
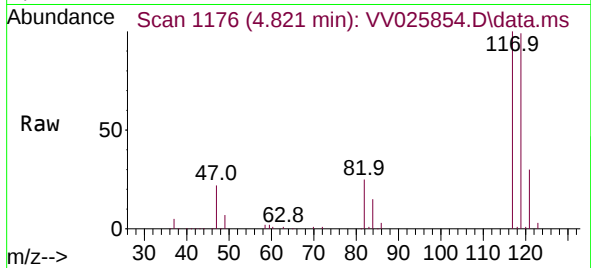




#31
Carbon tetrachloride
Concen: 5.040 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. -0.003 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

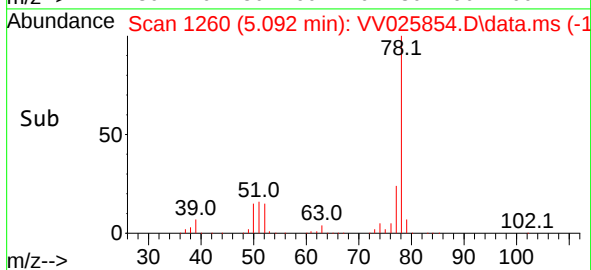
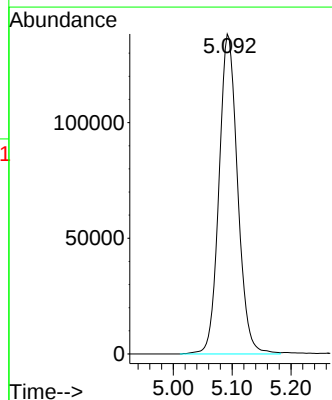
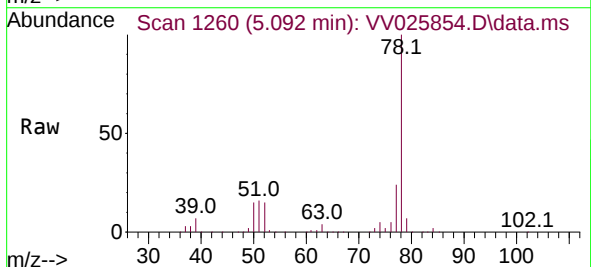
Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

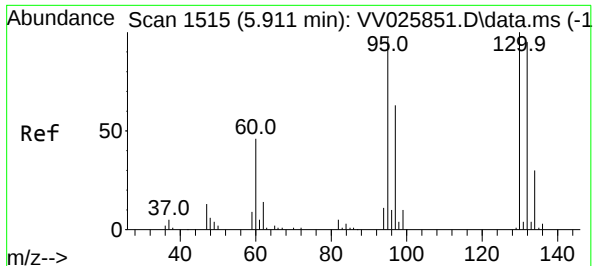
Tgt Ion:117 Resp: 102806
Ion Ratio Lower Upper
117 100
119 95.9 76.6 114.8



#33
Benzene
Concen: 5.145 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

Tgt Ion: 78 Resp: 304157





#34

Trichloroethene

Concen: 4.804 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.003 min

Lab File: VV025854.D

Acq: 09 May 2022 15:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005288

Tgt Ion: 95 Resp: 74724

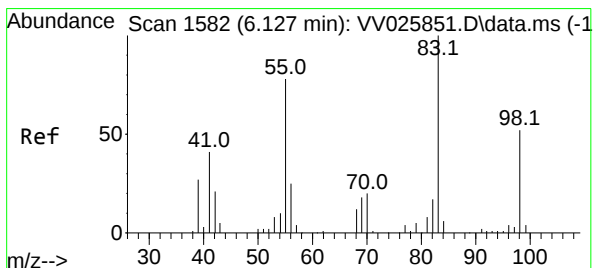
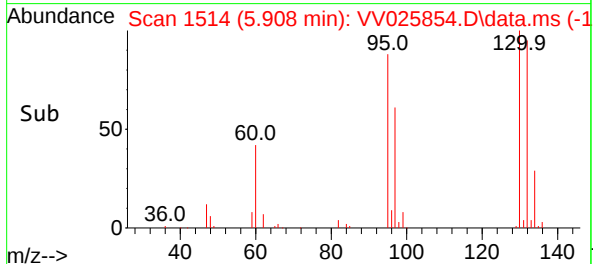
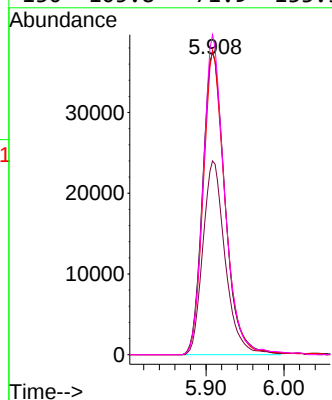
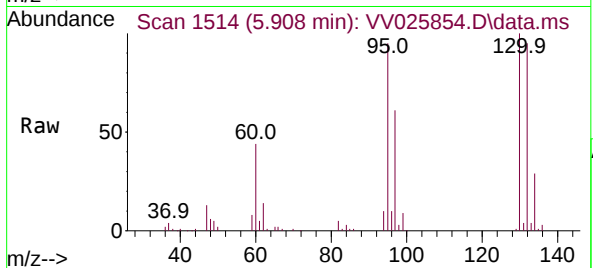
Ion Ratio Lower Upper

95 100

97 64.0 45.8 85.2

132 100.6 68.0 126.4

130 105.8 71.9 133.5



#35

Methylcyclohexane

Concen: 4.640 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VV025854.D

Acq: 09 May 2022 15:05

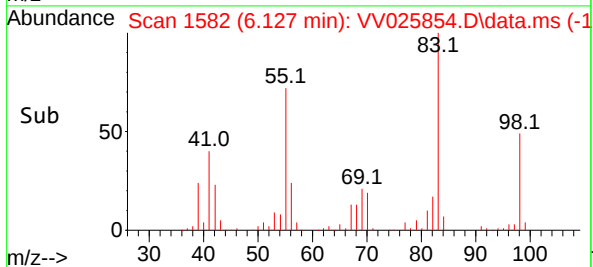
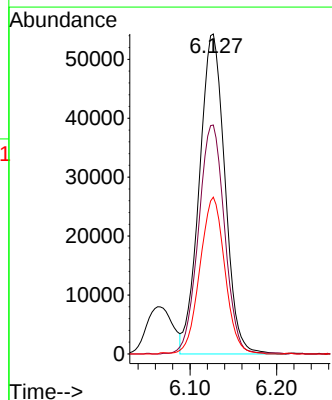
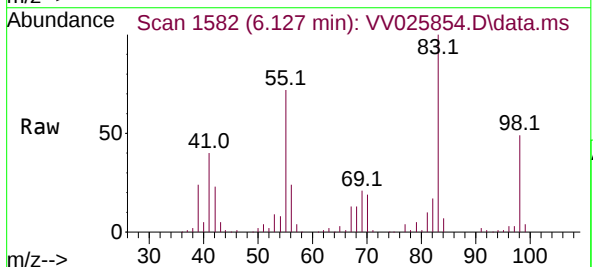
Tgt Ion: 83 Resp: 111219

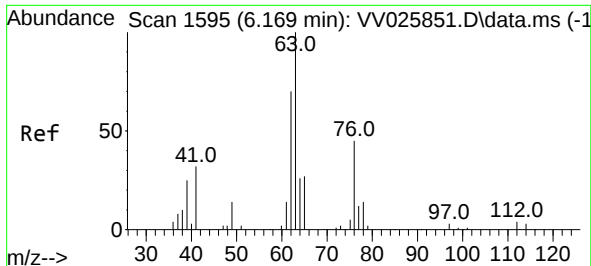
Ion Ratio Lower Upper

83 100

55 73.0 53.7 80.5

98 47.9 39.6 59.4





#37

1,2-Dichloropropane

Concen: 5.167 ug/L

RT: 6.165 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025854.D

Acq: 09 May 2022 15:05

Instrument :

MSVOA_V

ClientSampleId :

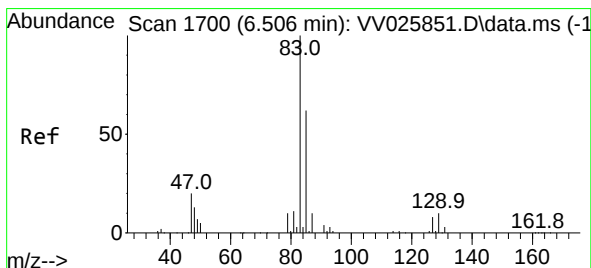
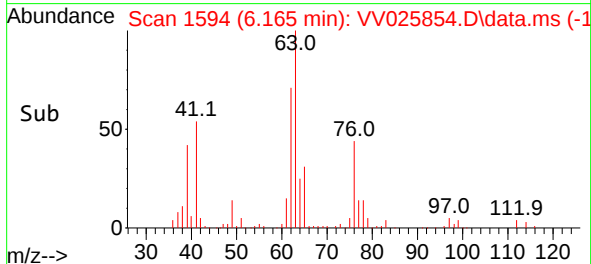
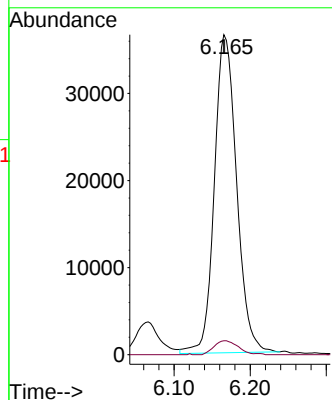
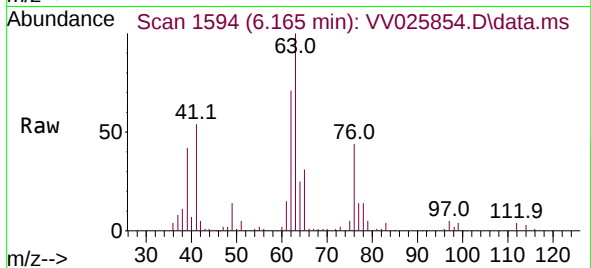
VSTD005288

Tgt Ion: 63 Resp: 74215

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 5.345 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV025854.D

Acq: 09 May 2022 15:05

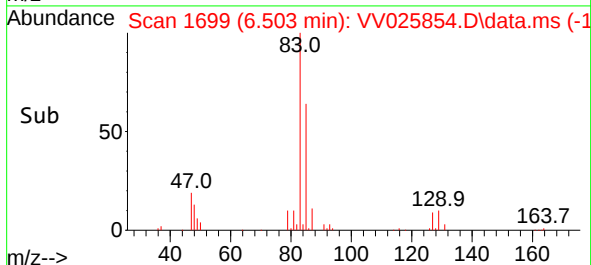
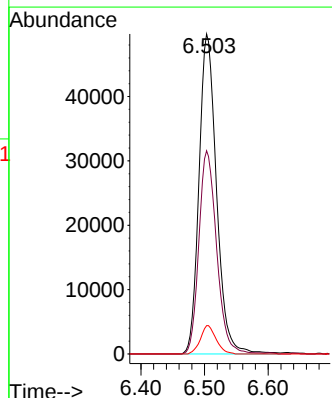
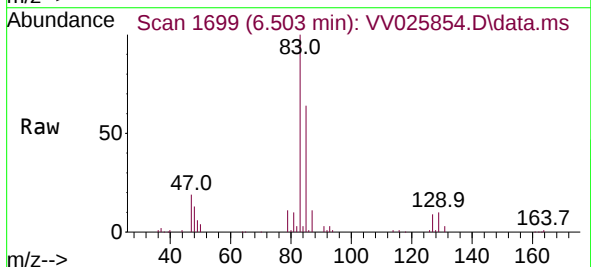
Tgt Ion: 83 Resp: 95172

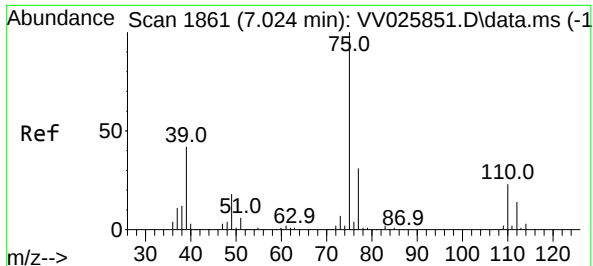
Ion Ratio Lower Upper

83 100

85 63.5 44.4 82.4

127 8.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.265 ug/L

RT: 7.021 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV025854.D

Acq: 09 May 2022 15:05

Instrument :

MSVOA_V

ClientSampleId :

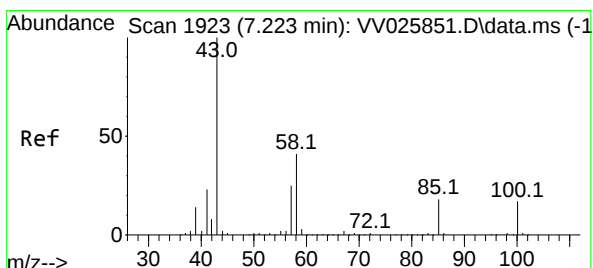
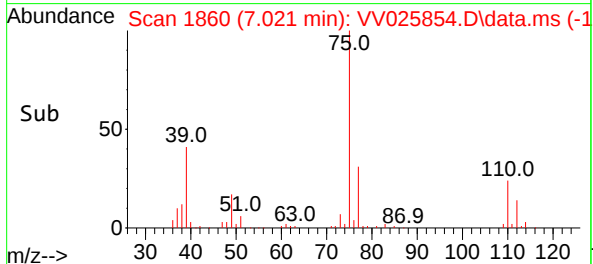
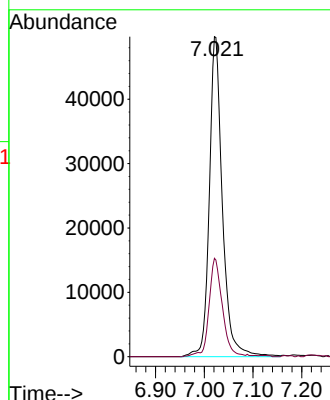
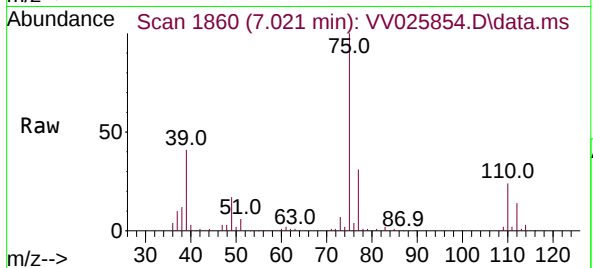
VSTD005288

Tgt Ion: 75 Resp: 92659

Ion Ratio Lower Upper

75 100

77 30.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 56.150 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV025854.D

Acq: 09 May 2022 15:05

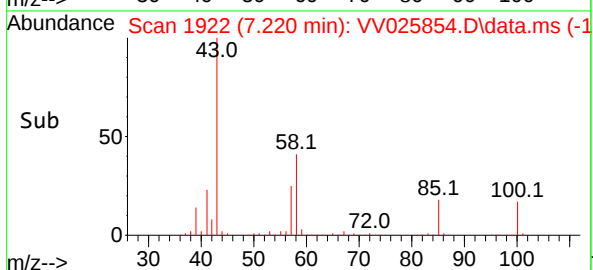
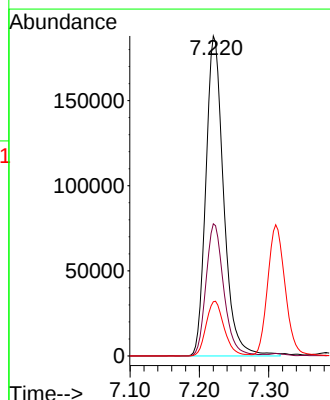
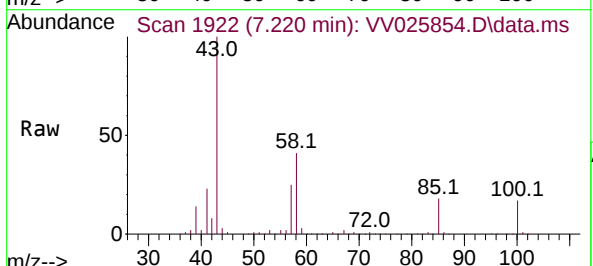
Tgt Ion: 43 Resp: 335081

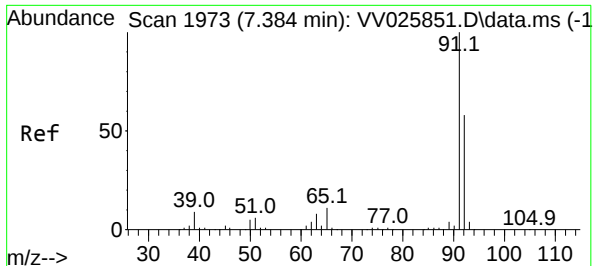
Ion Ratio Lower Upper

43 100

58 41.4 35.1 52.7

100 17.4 15.3 22.9





#42

Toluene

Concen: 5.129 ug/L

RT: 7.381 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV025854.D

Acq: 09 May 2022 15:05

Instrument :

MSVOA_V

ClientSampleId :

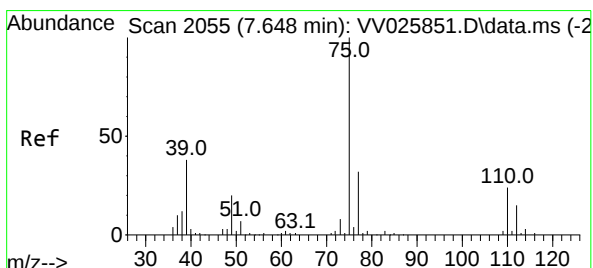
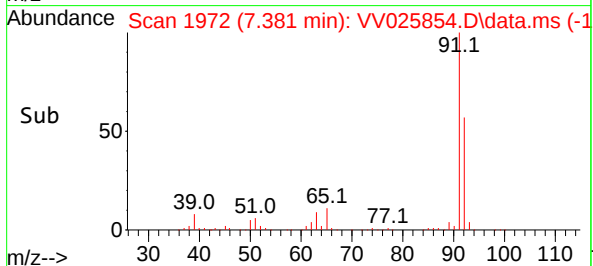
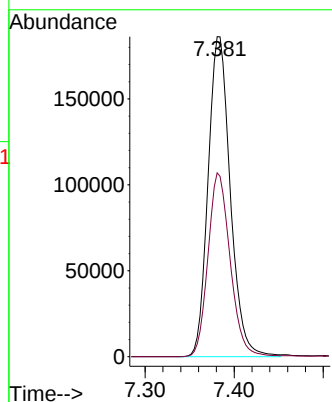
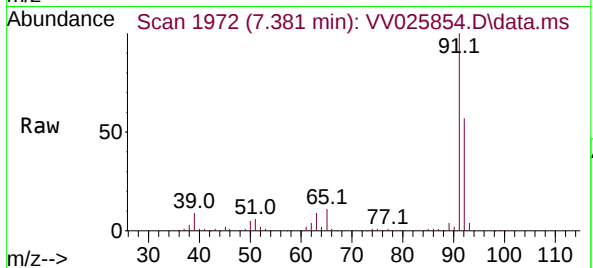
VSTD005288

Tgt Ion: 91 Resp: 322021

Ion Ratio Lower Upper

91 100

92 57.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.352 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV025854.D

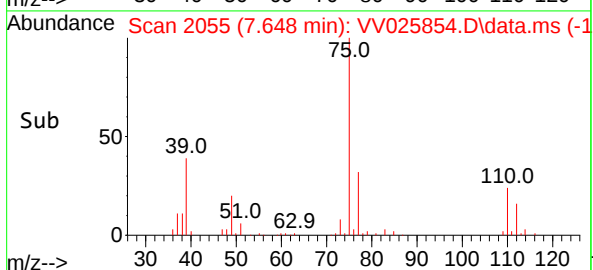
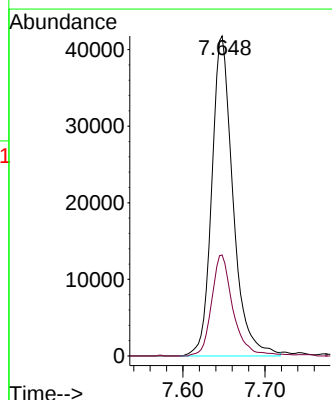
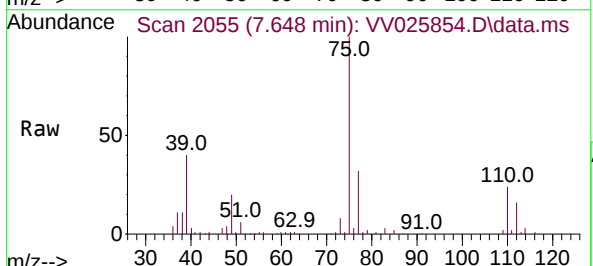
Acq: 09 May 2022 15:05

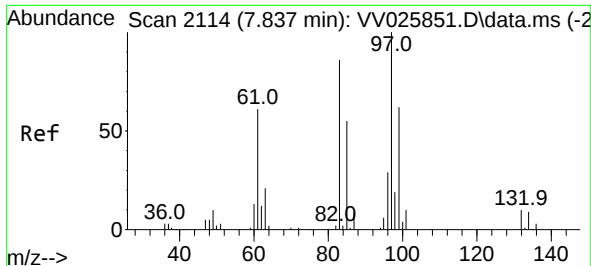
Tgt Ion: 75 Resp: 75110

Ion Ratio Lower Upper

75 100

77 31.5 21.7 40.3

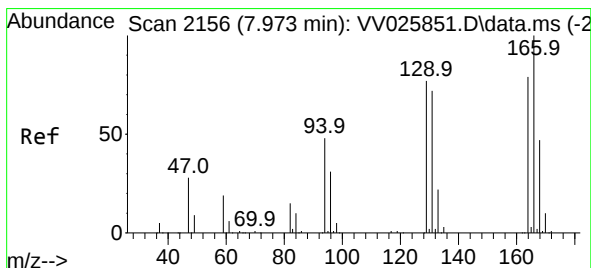
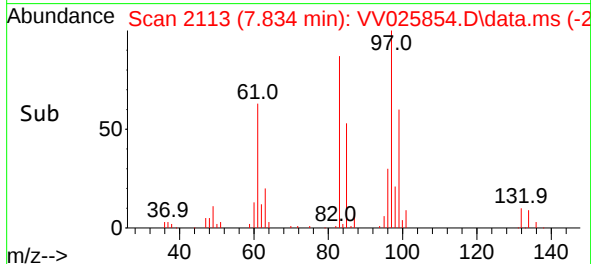
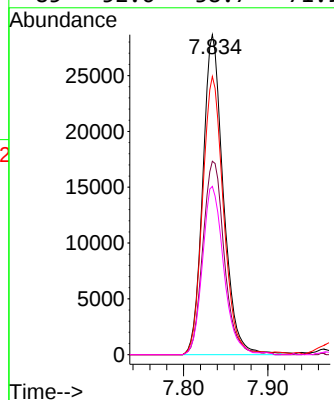
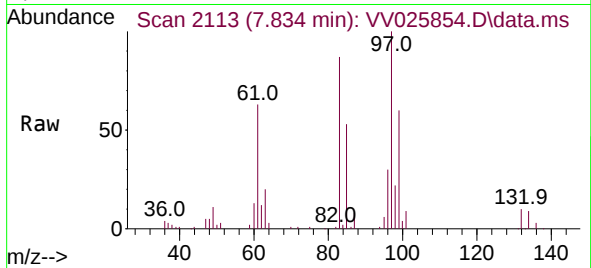




#45
1,1,2-Trichloroethane
Concen: 5.308 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

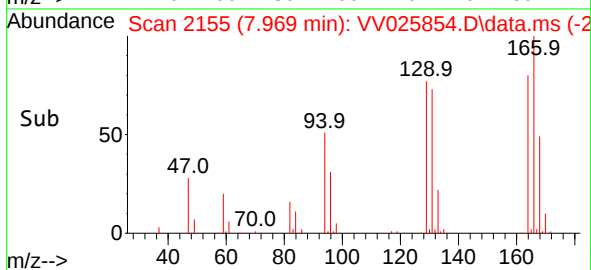
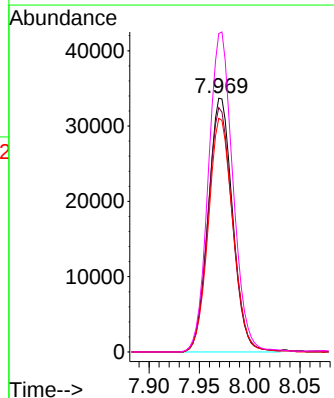
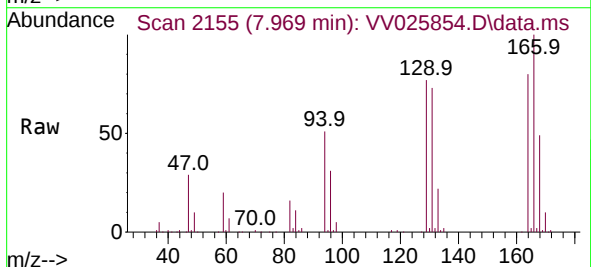
Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

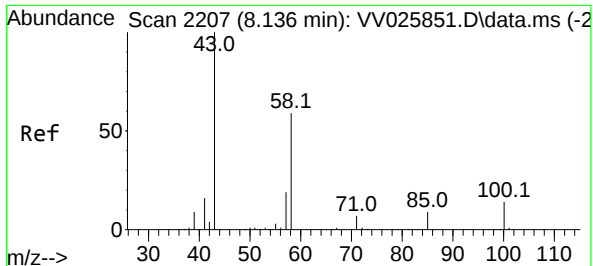
Tgt Ion:	97	Resp:	48654
Ion	Ratio	Lower	Upper
97	100		
99	60.5	43.8	81.4
83	87.0	60.3	112.1
85	52.6	38.7	71.9



#47
Tetrachloroethene
Concen: 4.281 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

Tgt Ion:	164	Resp:	56840
Ion	Ratio	Lower	Upper
164	100		
129	96.3	66.8	124.2
131	92.1	66.4	123.4
166	125.5	91.7	170.3



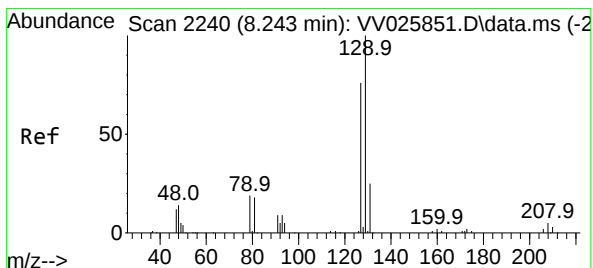
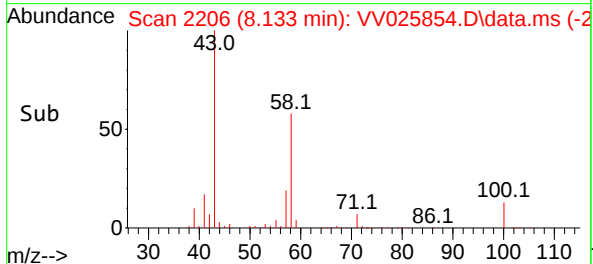
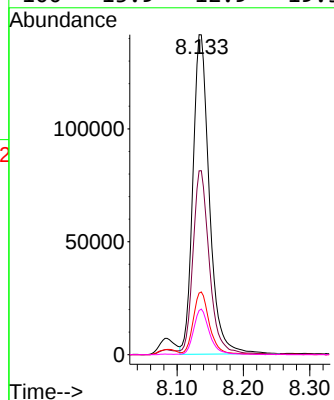
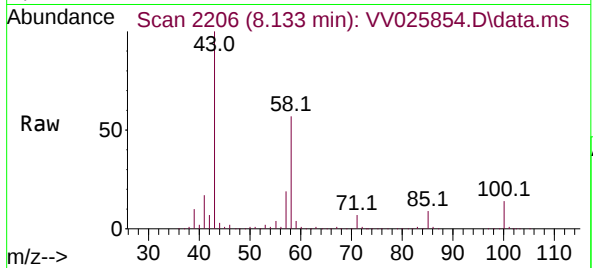


#48
2-Hexanone
Concen: 58.000 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

Tgt Ion: 43 Resp: 244094

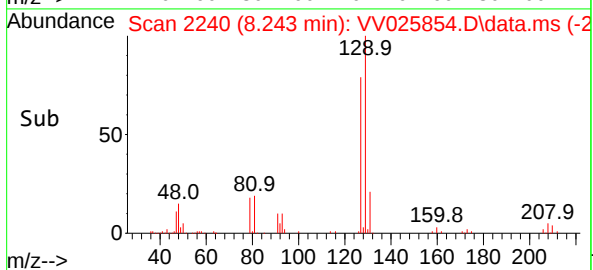
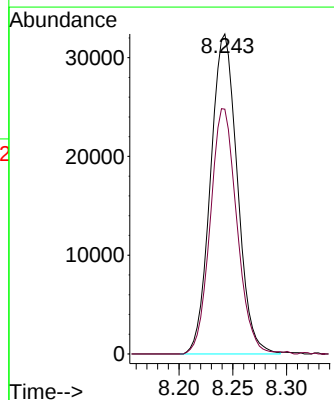
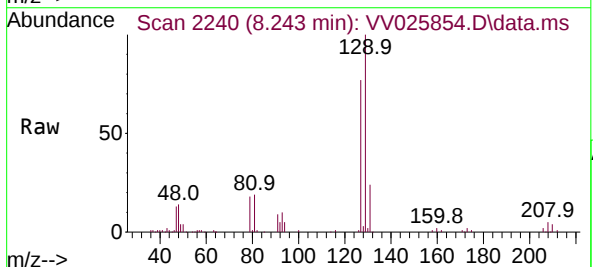
Ion	Ratio	Lower	Upper
43	100		
58	57.4	49.7	74.5
57	19.3	16.4	24.6
100	13.9	12.9	19.3

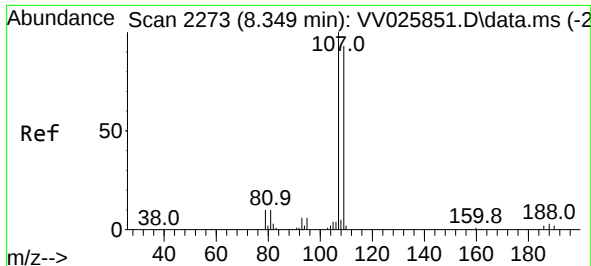


#49
Dibromochloromethane
Concen: 5.547 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

Tgt Ion: 129 Resp: 56092

Ion	Ratio	Lower	Upper
129	100		
127	76.5	53.8	100.0





#50

1,2-Dibromoethane

Concen: 5.426 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025854.D

Acq: 09 May 2022 15:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005288

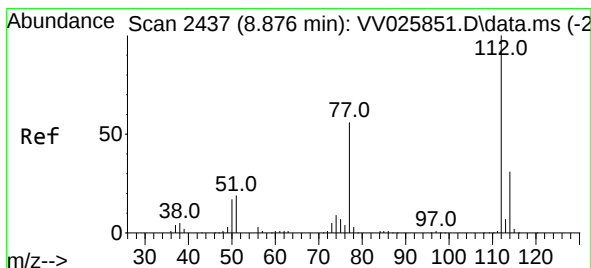
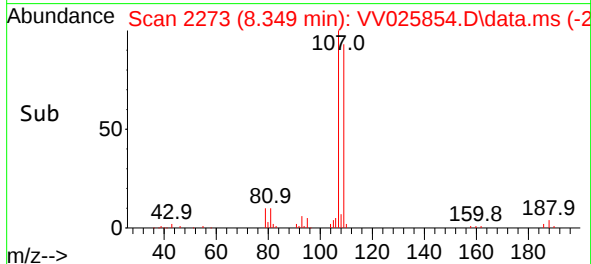
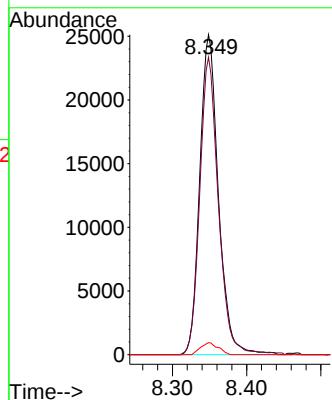
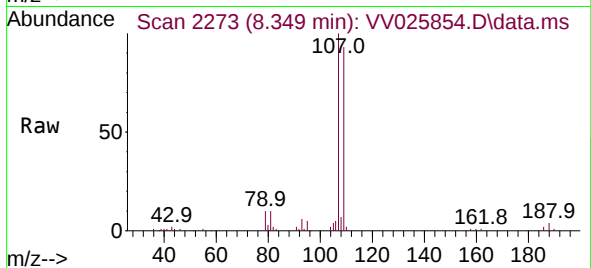
Tgt Ion:107 Resp: 43873

Ion Ratio Lower Upper

107 100

109 92.9 65.9 122.3

188 3.8 2.7 4.1



#51

Chlorobenzene

Concen: 4.975 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.000 min

Lab File: VV025854.D

Acq: 09 May 2022 15:05

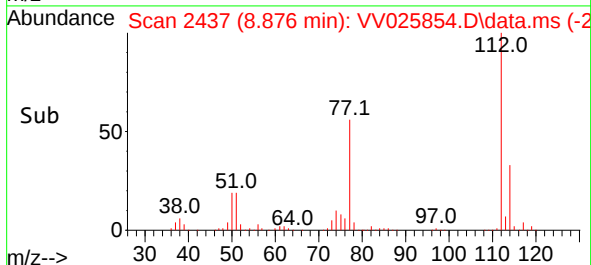
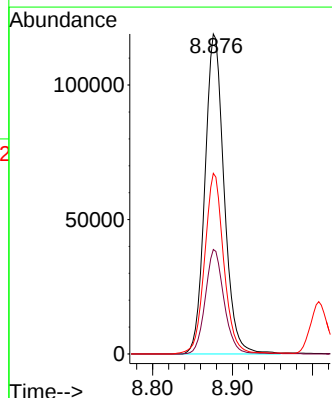
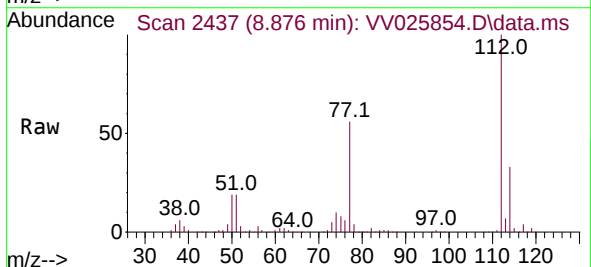
Tgt Ion:112 Resp: 198708

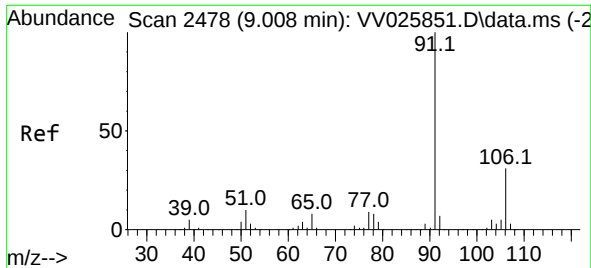
Ion Ratio Lower Upper

112 100

114 32.6 22.4 41.6

77 56.4 43.7 65.5

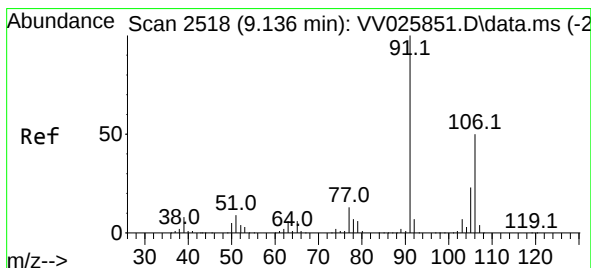
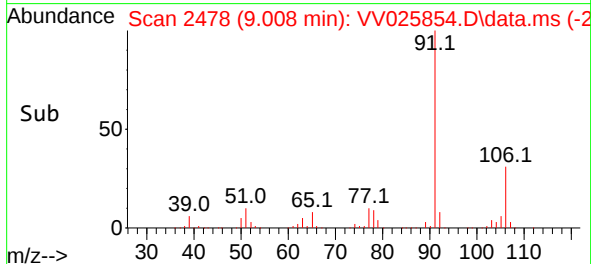
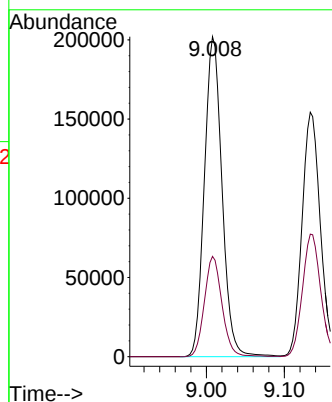
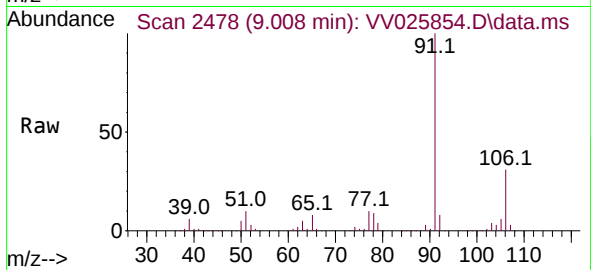




#52
Ethylbenzene
Concen: 4.883 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

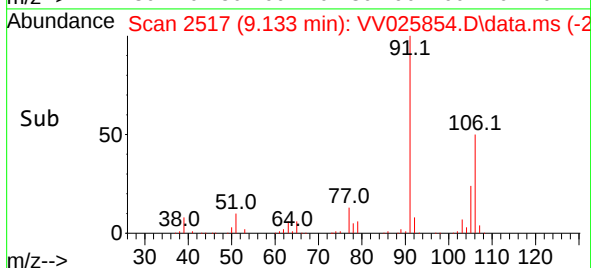
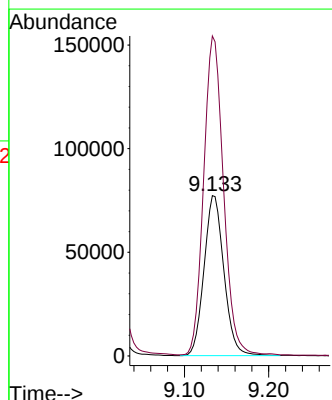
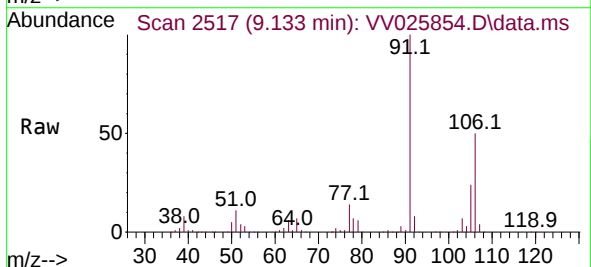
Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

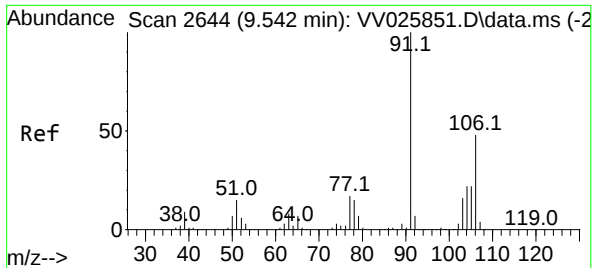
Tgt Ion: 91 Resp: 317599
Ion Ratio Lower Upper
91 100
106 31.3 22.3 41.3



#53
m,p-Xylene
Concen: 4.970 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

Tgt Ion: 106 Resp: 127014
Ion Ratio Lower Upper
106 100
91 199.6 136.4 253.4

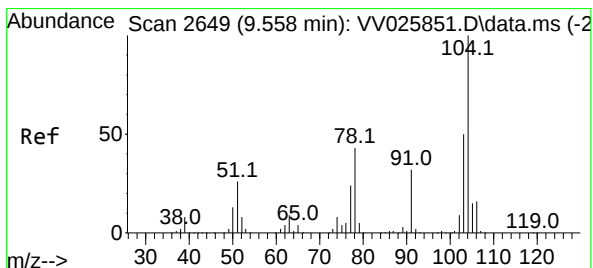
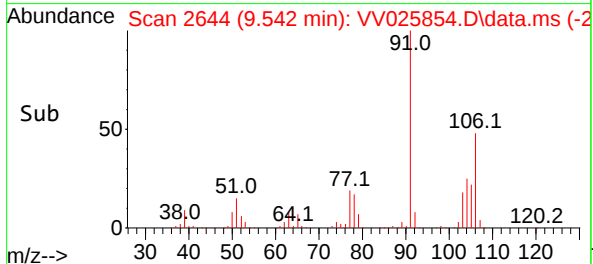
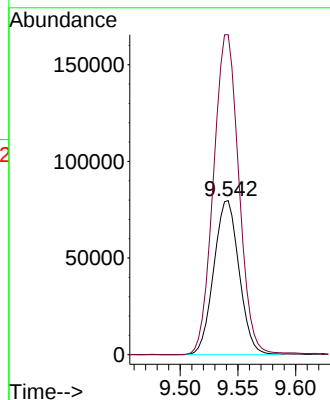
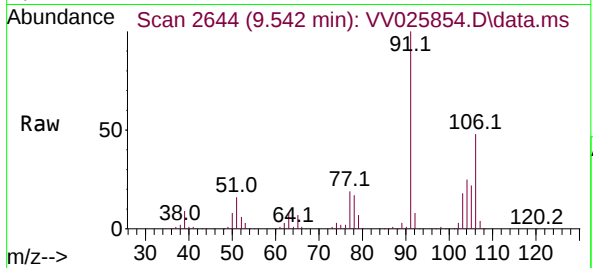




#54
o-Xylene
Concen: 5.023 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

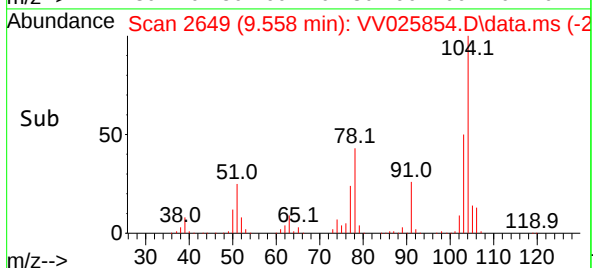
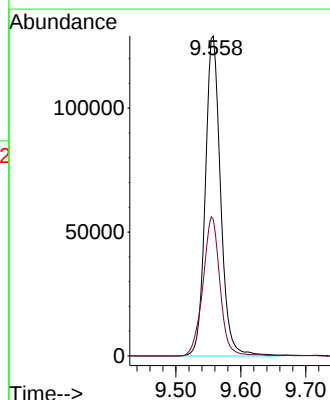
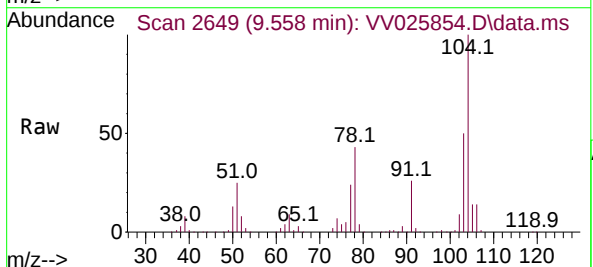
Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

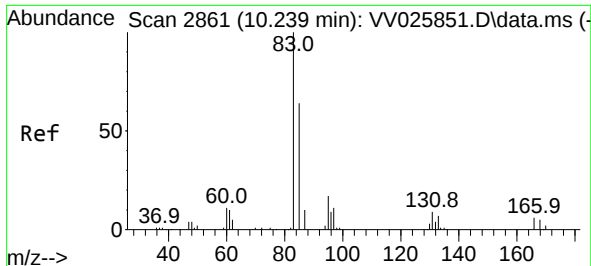
Tgt Ion:106 Resp: 121750
Ion Ratio Lower Upper
106 100
91 207.7 150.4 279.2



#55
Styrene
Concen: 5.286 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

Tgt Ion:104 Resp: 211626
Ion Ratio Lower Upper
104 100
78 42.6 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.315 ug/L

RT: 10.236 min Scan# 2861

Delta R.T. -0.003 min

Lab File: VV025854.D

Acq: 09 May 2022 15:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005288

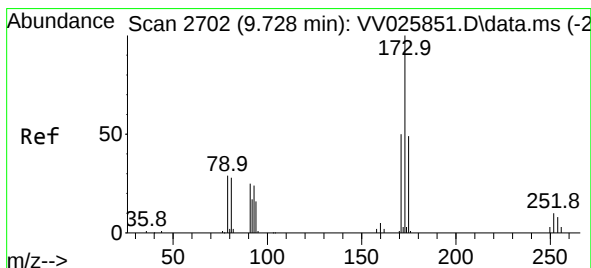
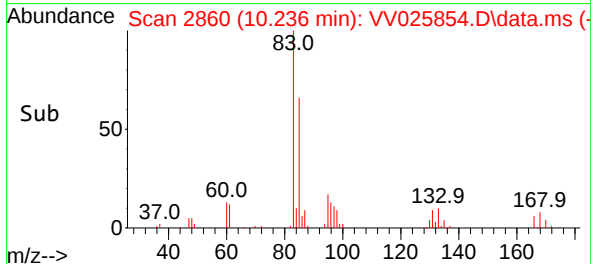
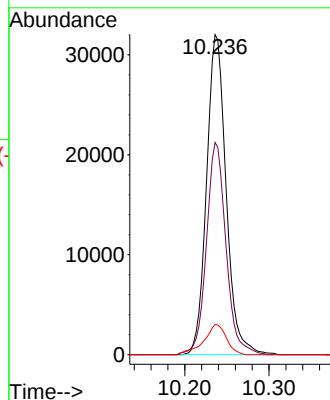
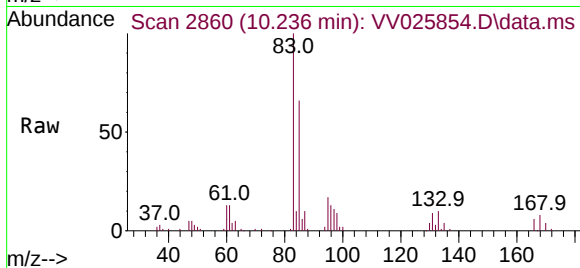
Tgt Ion: 83 Resp: 51860

Ion Ratio Lower Upper

83 100

85 66.3 45.1 83.9

131 9.4 7.9 11.9



#59

Bromoform

Concen: 5.664 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV025854.D

Acq: 09 May 2022 15:05

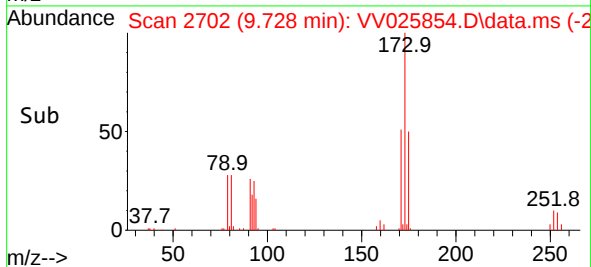
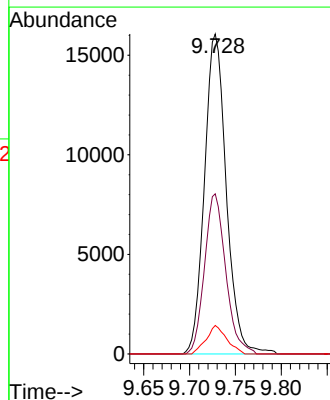
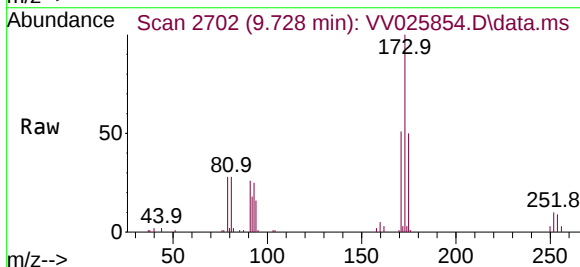
Tgt Ion: 173 Resp: 26625

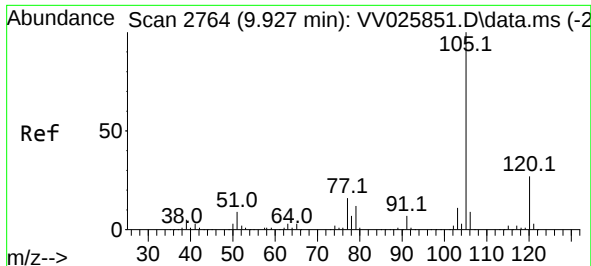
Ion Ratio Lower Upper

173 100

175 48.6 40.8 61.2

254 8.3 7.0 10.6

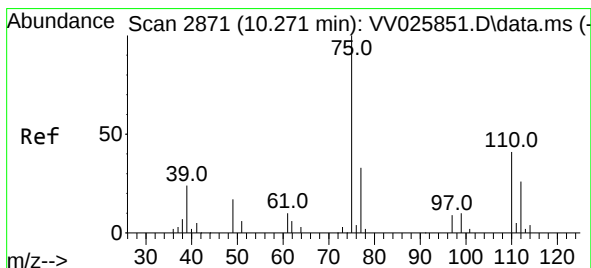
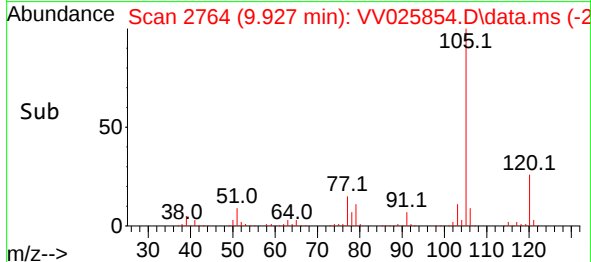
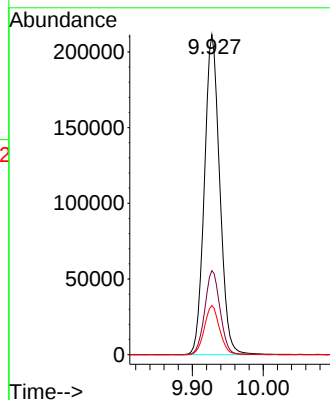
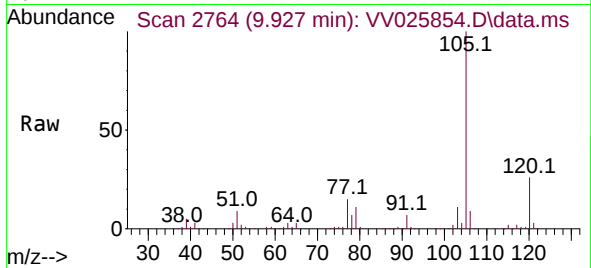




#60
Isopropylbenzene
Concen: 4.719 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. -0.000 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

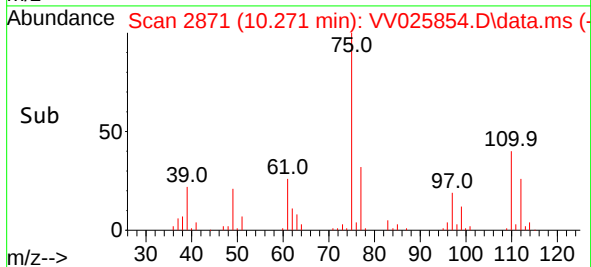
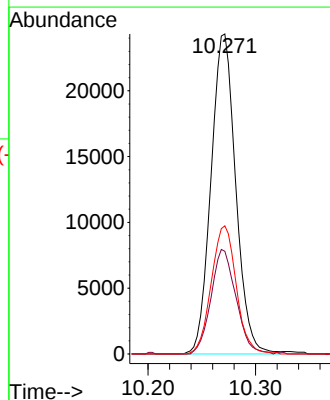
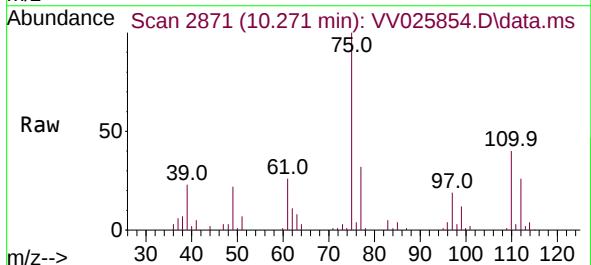
Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

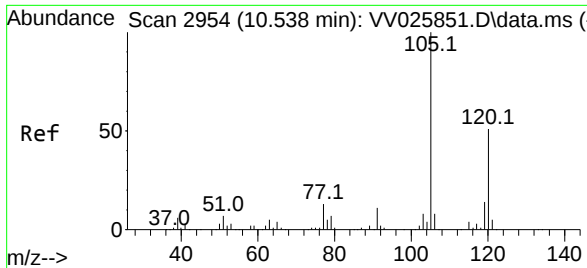
Tgt Ion:105 Resp: 317519
Ion Ratio Lower Upper
105 100
120 26.2 21.2 31.8
77 15.3 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.850 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

Tgt Ion: 75 Resp: 38806
Ion Ratio Lower Upper
75 100
77 33.0 25.6 38.4
110 40.5 34.7 52.1

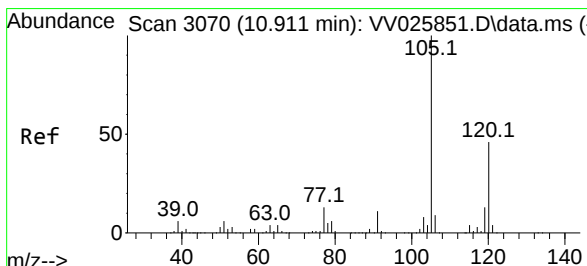
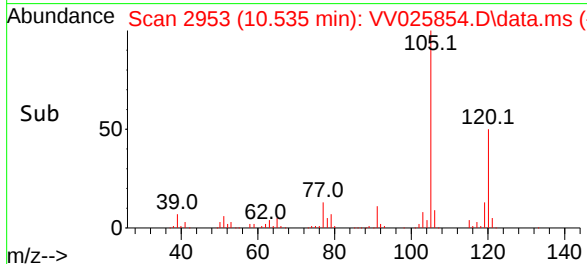
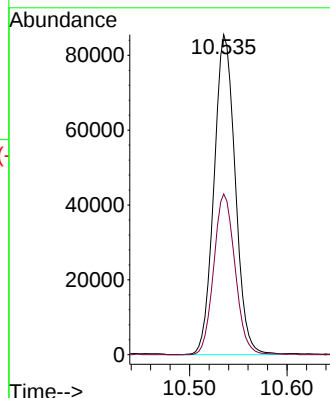
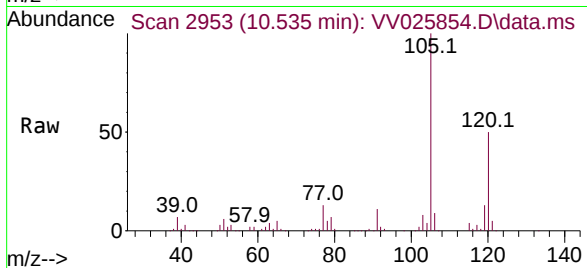




#62
 1,3,5-Trimethylbenzene
 Concen: 4.479 ug/L
 RT: 10.535 min Scan# 2954
 Delta R.T. -0.003 min
 Lab File: VV025854.D
 Acq: 09 May 2022 15:05

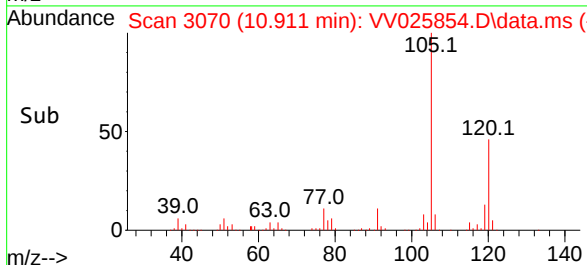
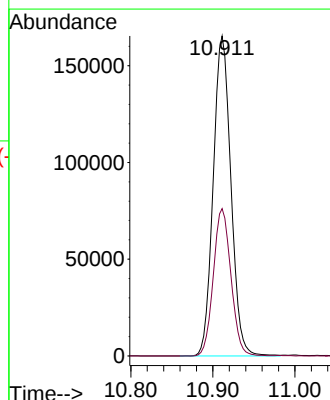
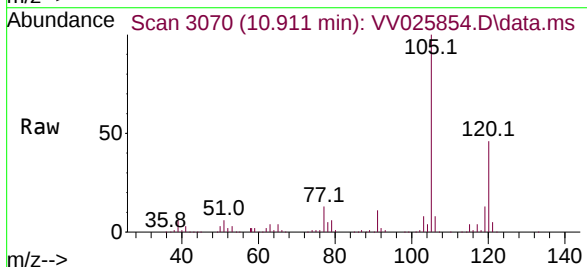
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005288

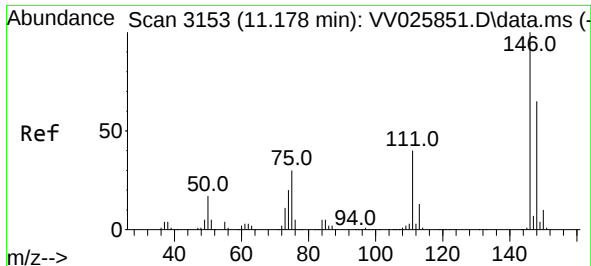
Tgt Ion:105 Resp: 129499
 Ion Ratio Lower Upper
 105 100
 120 50.4 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.691 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV025854.D
 Acq: 09 May 2022 15:05

Tgt Ion:105 Resp: 247878
 Ion Ratio Lower Upper
 105 100
 120 45.8 36.6 55.0

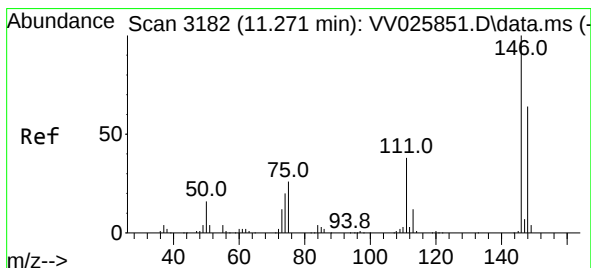
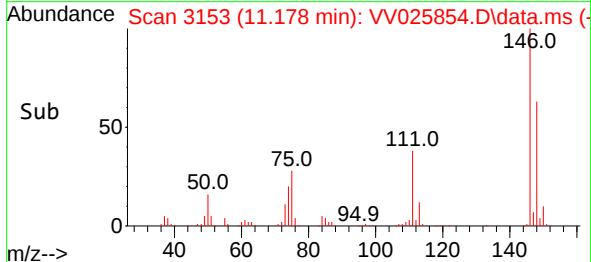
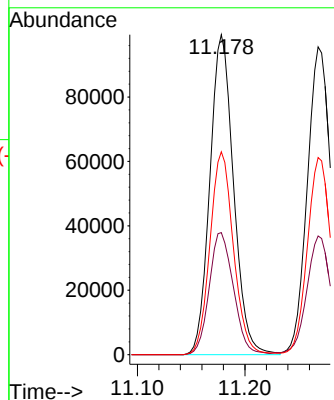
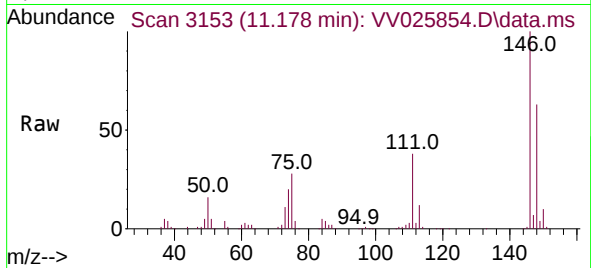




#64
1,3-Dichlorobenzene
Concen: 4.914 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

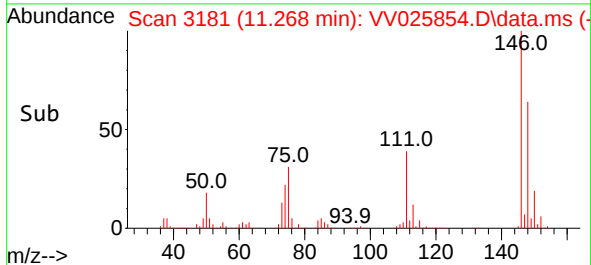
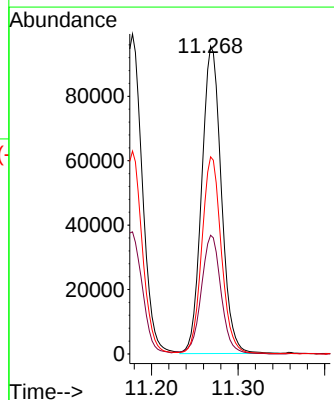
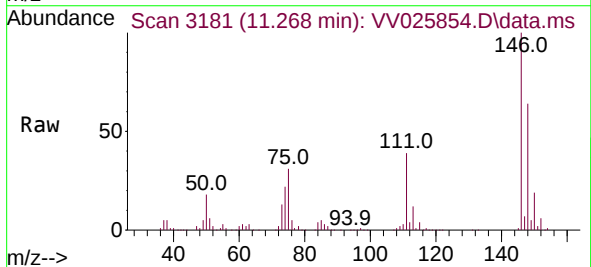
Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

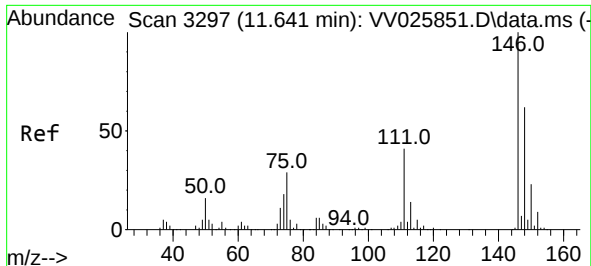
Tgt Ion:146 Resp: 152136
Ion Ratio Lower Upper
146 100
111 38.1 27.4 50.8
148 63.4 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.752 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

Tgt Ion:146 Resp: 150211
Ion Ratio Lower Upper
146 100
111 38.6 26.7 49.7
148 64.0 42.8 79.6

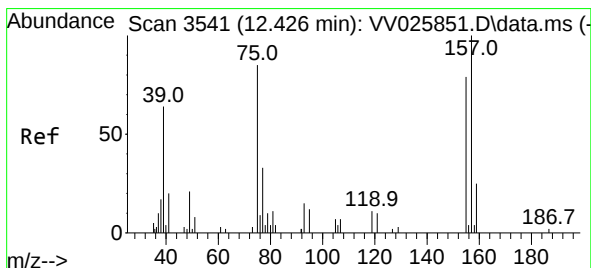
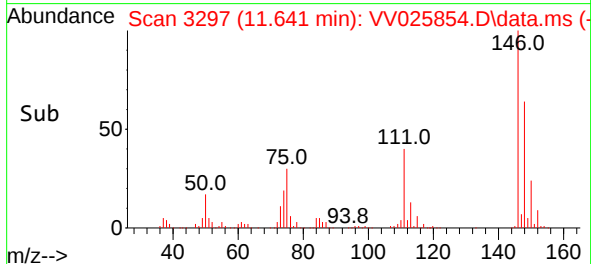
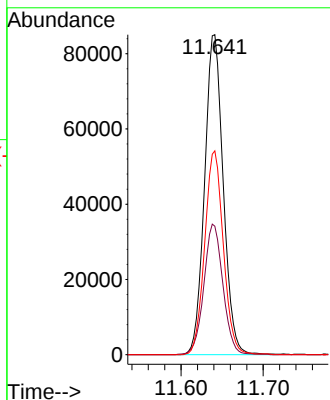
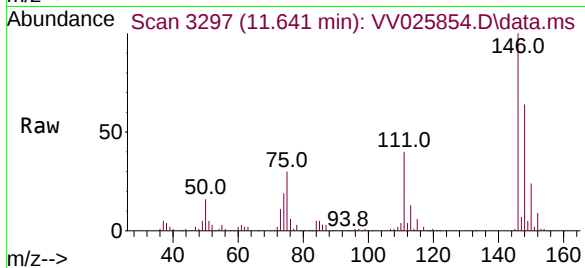




#67
1,2-Dichlorobenzene
Concen: 4.858 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

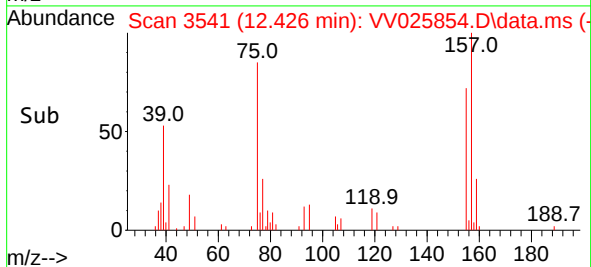
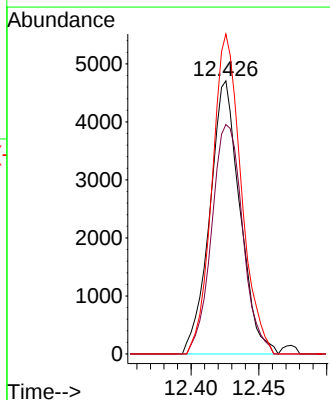
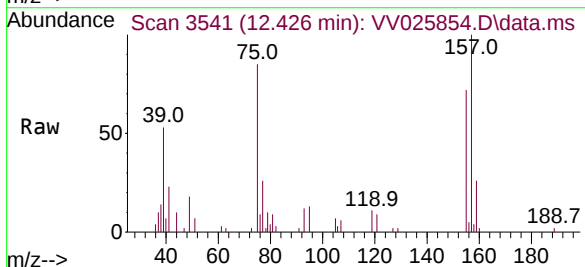
Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

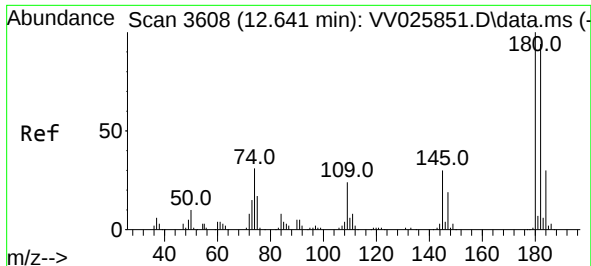
Tgt Ion:146 Resp: 134279
Ion Ratio Lower Upper
146 100
111 40.1 33.6 50.4
148 63.7 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.889 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

Tgt Ion: 75 Resp: 7298
Ion Ratio Lower Upper
75 100
155 84.0 65.8 98.8
157 117.1 86.6 130.0





#69

1,3,5-Trichlorobenzene

Concen: 4.638 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.000 min

Lab File: VV025854.D

Acq: 09 May 2022 15:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005288

Tgt Ion:180 Resp: 107786

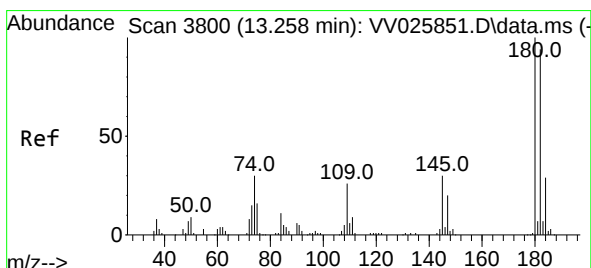
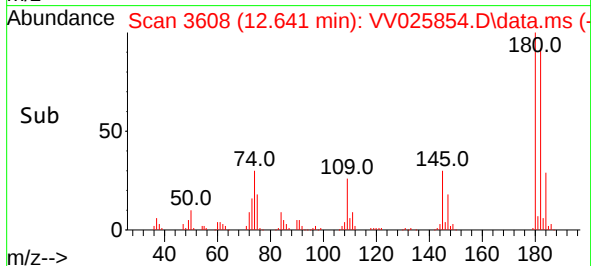
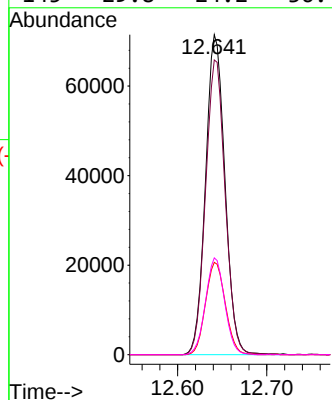
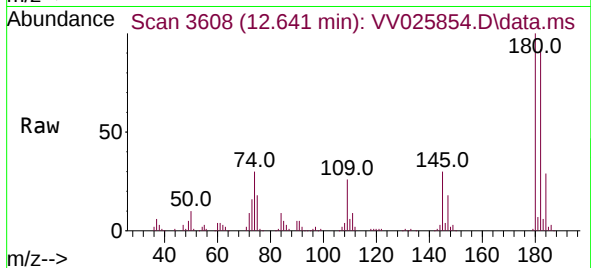
Ion Ratio Lower Upper

180 100

182 93.4 75.3 112.9

184 29.4 23.4 35.2

145 29.8 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 4.614 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV025854.D

Acq: 09 May 2022 15:05

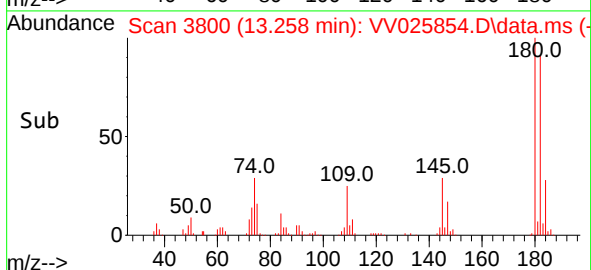
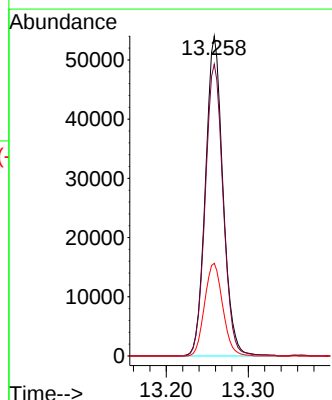
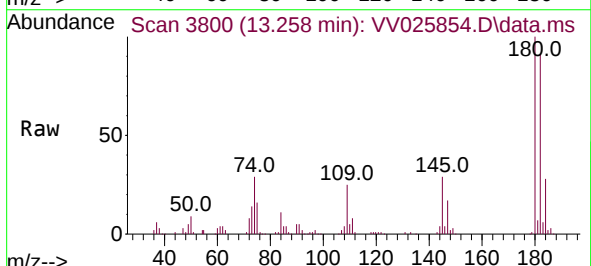
Tgt Ion:180 Resp: 80044

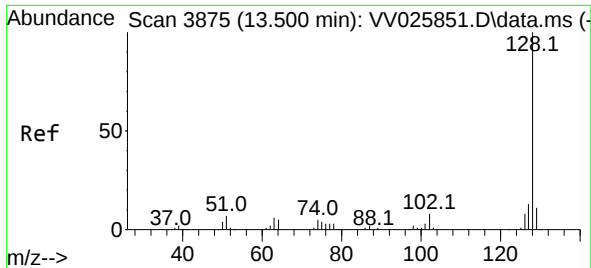
Ion Ratio Lower Upper

180 100

182 93.3 76.6 114.8

145 30.0 24.6 36.8

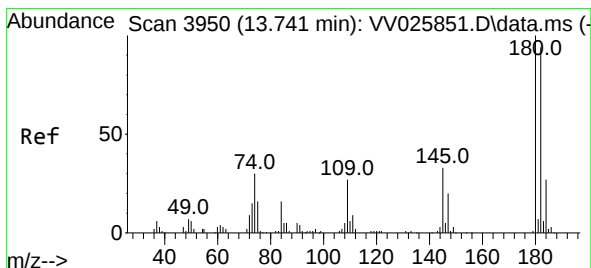
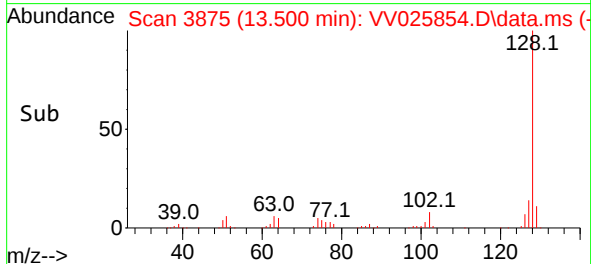
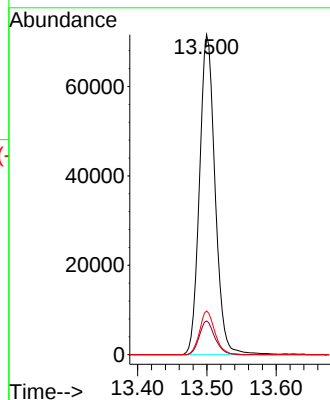
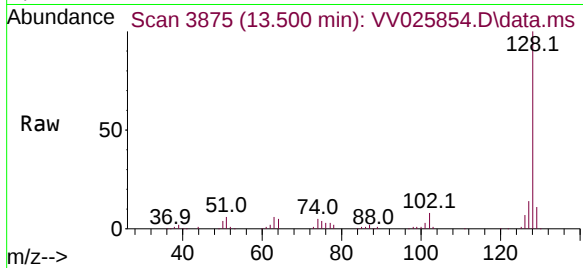




#71
Naphthalene
Concen: 4.556 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD005288

Tgt Ion:128	Resp:	112231
Ion	Ratio	Lower Upper
128	100	
129	10.5	8.8 13.2
127	13.4	10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.722 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025854.D
Acq: 09 May 2022 15:05

Tgt Ion:180	Resp:	66762
Ion	Ratio	Lower Upper
180	100	
182	96.6	77.7 116.5
145	33.9	27.4 41.2

