

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042122\
 Data File : VW025659.D
 Acq On : 21 Apr 2022 10:51
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005388

Quant Time: Apr 22 03:03:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 21 06:38:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	197649	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	197018	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	104888	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	64433	3.506	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.200%	
7) Chloroethane-d5	1.571	69	83290	4.261	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.200%	
11) 1,1-Dichloroethene-d2	2.111	63	145462	3.952	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.000%	
20) 2-Butanone-d5	3.883	46	124760	55.816	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.640%	
24) Chloroform-d	4.346	84	127375	4.587	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.027	65	57858	4.836	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.800%	
32) Benzene-d6	5.047	84	242604	4.256	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
36) 1,2-Dichloropropane-d6	6.066	67	73987	4.654	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.000%	
41) Toluene-d8	7.310	98	226469	4.281	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
43) trans-1,3-Dichloroprop...	7.619	79	24084	4.507	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.200%	
46) 2-Hexanone-d5	8.085	63	92229	49.178	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.360%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45499	4.530	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	75363	4.285	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.133	85	74186	4.155	ug/L	98
3) Chloromethane	1.243	50	93000	4.794	ug/L	98
5) Vinyl chloride	1.314	62	101938	4.650	ug/L	98
6) Bromomethane	1.526	94	62970	3.983	ug/L	100
8) Chloroethane	1.587	64	91566	5.411	ug/L	97
9) Trichlorofluoromethane	1.754	101	150538	4.889	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	82778	4.785	ug/L	97
12) 1,1-Dichloroethene	2.117	96	76204	4.445	ug/L	89
13) Acetone	2.178	43	85086	56.084	ug/L	96
14) Carbon disulfide	2.294	76	165233	4.027	ug/L	98
15) Methyl Acetate	2.436	43	18434	5.467	ug/L #	88
16) Methylene chloride	2.506	84	68719	4.135	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	123899	4.671	ug/L	97
18) trans-1,2-Dichloroethene	2.760	96	65035	4.527	ug/L	98
19) 1,1-Dichloroethane	3.188	63	124259	5.107	ug/L	98
21) 2-Butanone	3.966	43	118706	56.625	ug/L	91
22) cis-1,2-Dichloroethene	3.912	96	71310	4.715	ug/L	99
23) Bromochloromethane	4.249	128	29712	4.732	ug/L	95
25) Chloroform	4.371	83	132543	5.161	ug/L	96

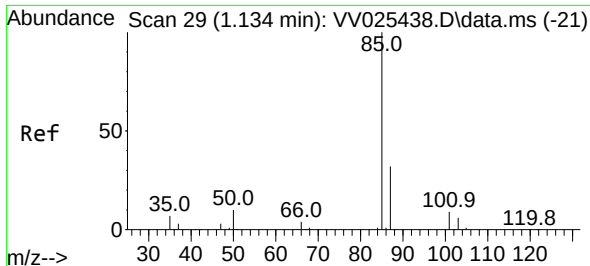
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 21 06:38:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	69476	5.127	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	114593	4.932	ug/L	99
30) Cyclohexane	4.677	56	91731	4.342	ug/L	97
31) Carbon tetrachloride	4.825	117	97190	4.946	ug/L	99
33) Benzene	5.095	78	280164	4.814	ug/L	100
34) Trichloroethene	5.911	95	72209	4.673	ug/L	98
35) Methylcyclohexane	6.127	83	105234	4.268	ug/L	96
37) 1,2-Dichloropropane	6.169	63	69101	5.132	ug/L	100
38) Bromodichloromethane	6.506	83	85743	5.130	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	85068	4.821	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	302915	56.190	ug/L	95
42) Toluene	7.384	91	303458	4.793	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	68764	5.016	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	44706	4.958	ug/L	95
47) Tetrachloroethene	7.972	164	54075	4.470	ug/L	98
48) 2-Hexanone	8.136	43	218244	58.091	ug/L	96
49) Dibromochloromethane	8.243	129	51383	5.191	ug/L	99
50) 1,2-Dibromoethane	8.349	107	38356	4.529	ug/L	99
51) Chlorobenzene	8.879	112	188150	4.654	ug/L	97
52) Ethylbenzene	9.008	91	313197	4.639	ug/L	99
53) m,p-Xylene	9.136	106	124194	4.838	ug/L	98
54) o-Xylene	9.541	106	117815	4.725	ug/L	96
55) Styrene	9.558	104	202185	4.987	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	42953	4.768	ug/L	99
59) Bromoform	9.728	173	21839	5.044	ug/L	97
60) Isopropylbenzene	9.927	105	317406	4.889	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	35369	5.120	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	134036	4.630	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	251628	4.824	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	144838	4.779	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	143229	4.656	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	126313	4.706	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5762	4.824	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	101500	4.402	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	74033	4.165	ug/L	100
71) Naphthalene	13.500	128	108555	4.163	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	64438	4.378	ug/L	95

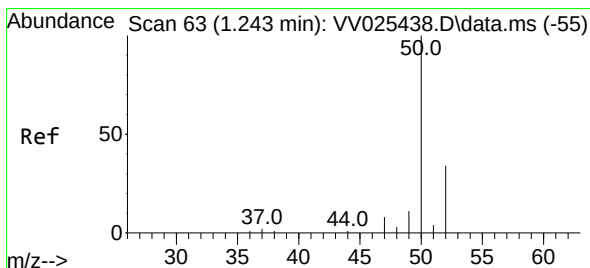
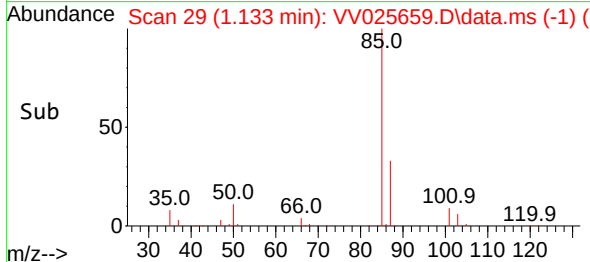
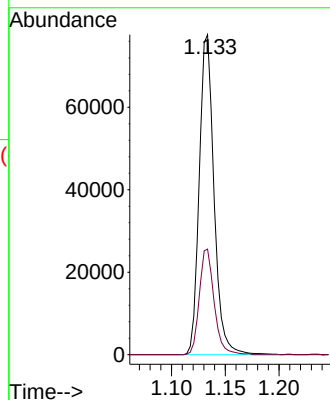
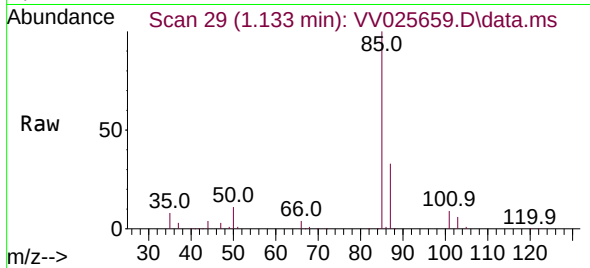
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.155 ug/L
 RT: 1.133 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VV025659.D
 Acq: 21 Apr 2022 10:51

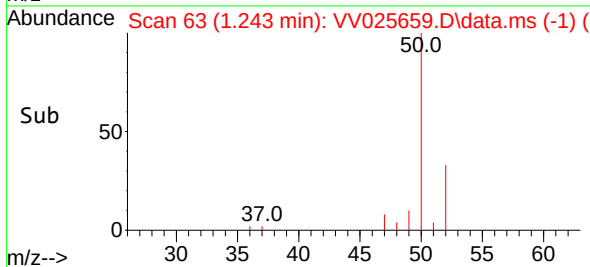
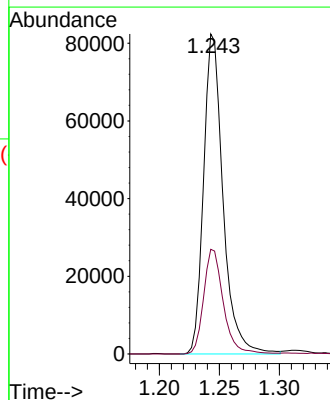
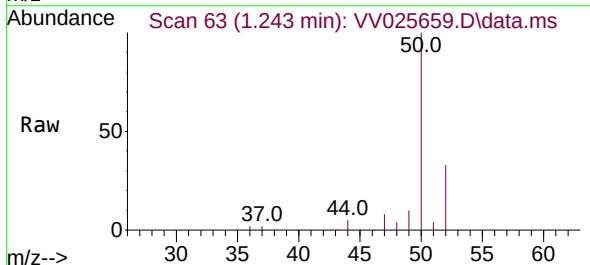
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005388

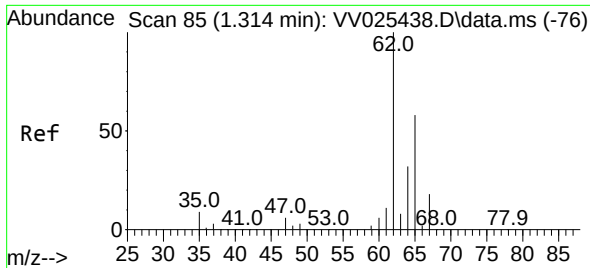
Tgt Ion: 85 Resp: 74186
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.6 38.4



#3
 Chloromethane
 Concen: 4.794 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025659.D
 Acq: 21 Apr 2022 10:51

Tgt Ion: 50 Resp: 93000
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.7 43.9

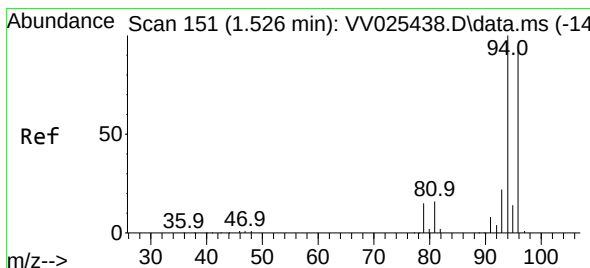
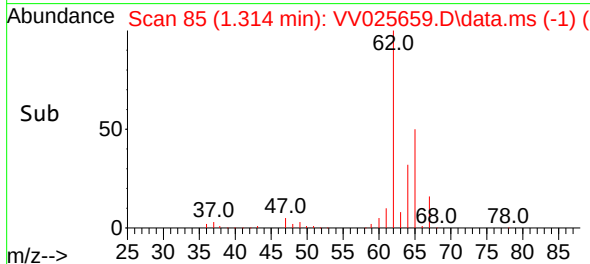
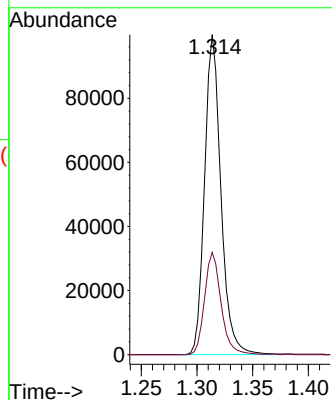
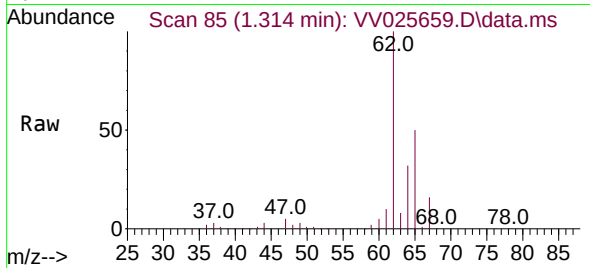




#5
 Vinyl chloride
 Concen: 4.650 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025659.D
 Acq: 21 Apr 2022 10:51

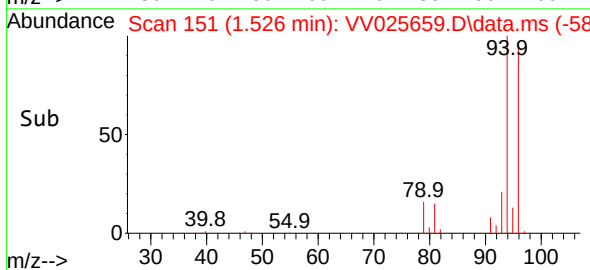
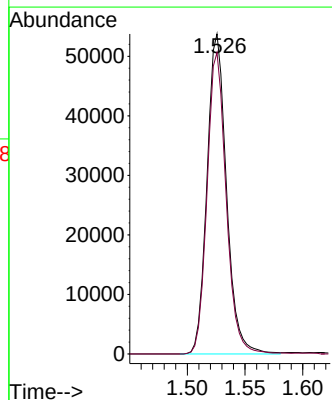
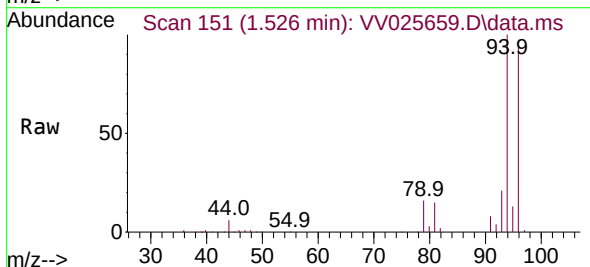
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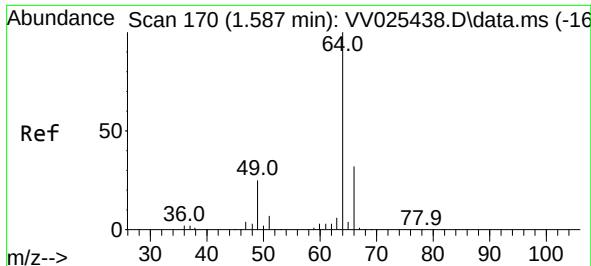
Tgt Ion: 62 Resp: 101938
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.2 43.2



#6
 Bromomethane
 Concen: 3.983 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV025659.D
 Acq: 21 Apr 2022 10:51

Tgt Ion: 94 Resp: 62970
 Ion Ratio Lower Upper
 94 100
 96 94.2 66.1 122.7

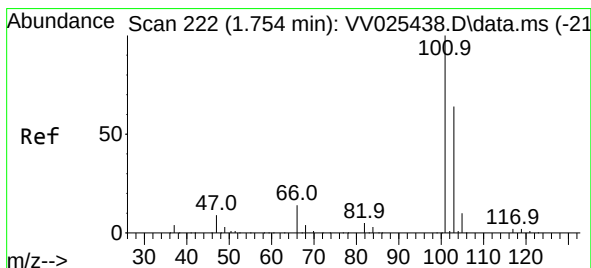
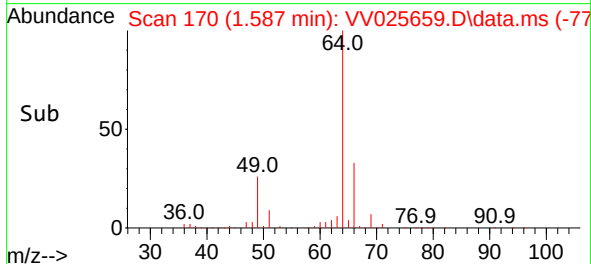
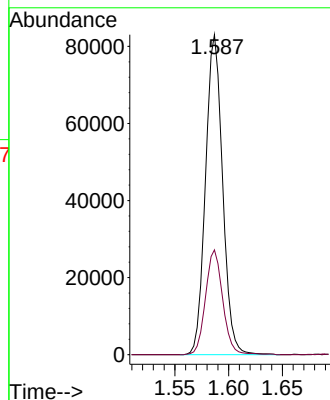
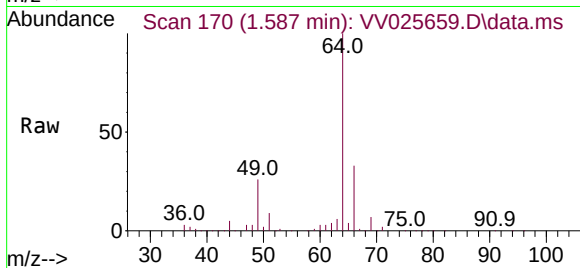




#8
Chloroethane
Concen: 5.411 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

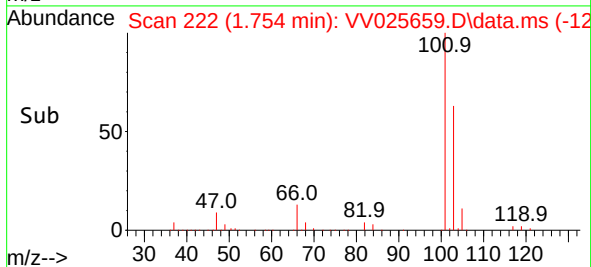
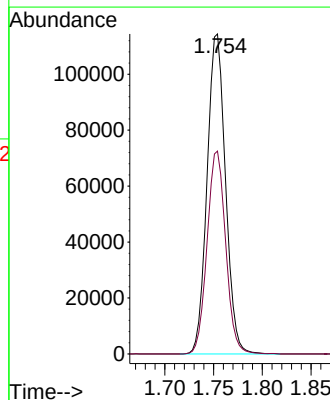
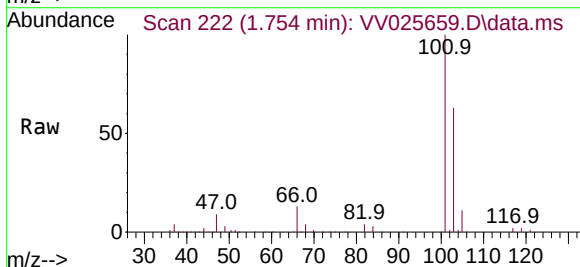
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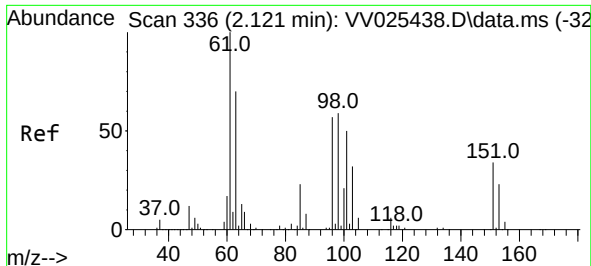
Tgt Ion: 64 Resp: 91566
Ion Ratio Lower Upper
64 100
66 32.8 21.8 40.6



#9
Trichlorofluoromethane
Concen: 4.889 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

Tgt Ion:101 Resp: 150538
Ion Ratio Lower Upper
101 100
103 63.9 51.9 77.9

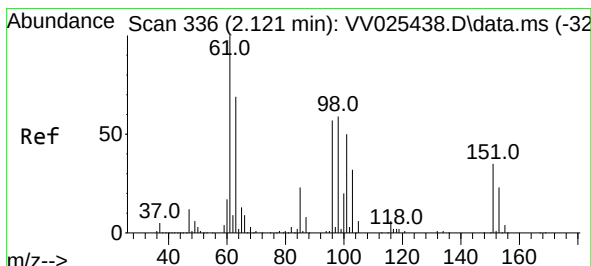
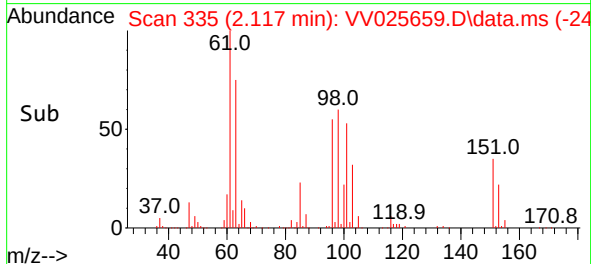
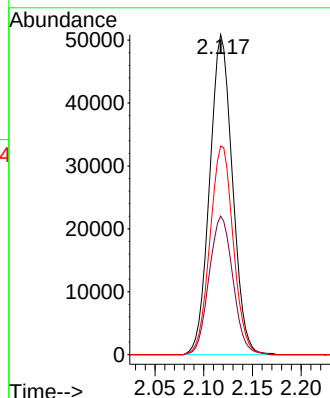
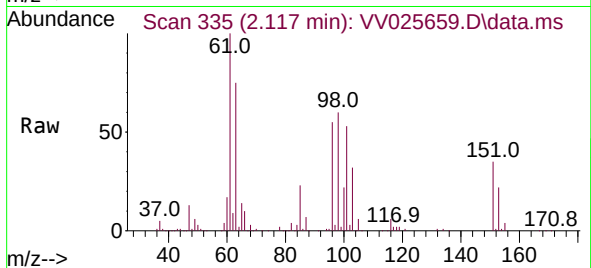




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.785 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV025659.D
 Acq: 21 Apr 2022 10:51

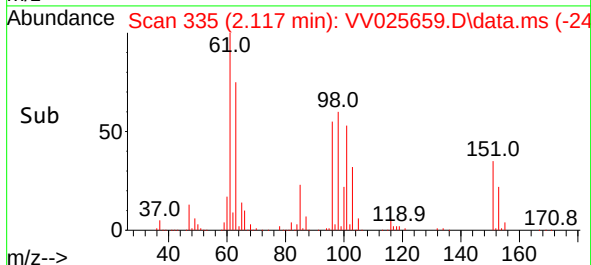
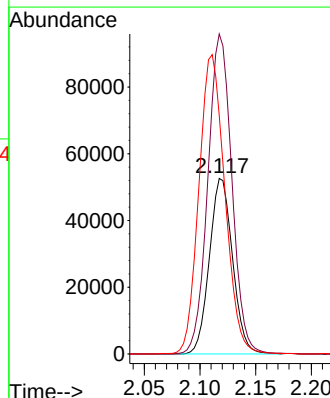
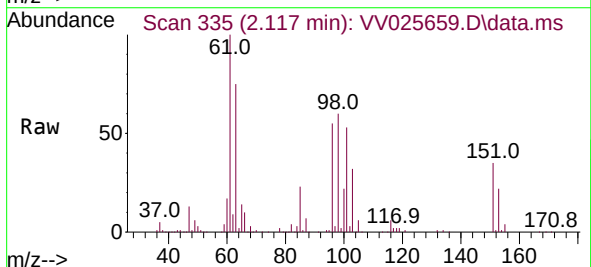
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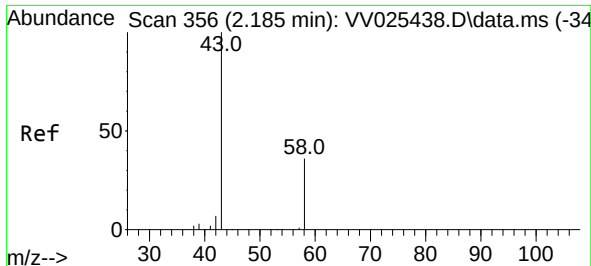
Tgt Ion:101 Resp: 82778
 Ion Ratio Lower Upper
 101 100
 85 45.2 35.9 53.9
 151 66.8 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.445 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV025659.D
 Acq: 21 Apr 2022 10:51

Tgt Ion: 96 Resp: 76204
 Ion Ratio Lower Upper
 96 100
 61 182.3 125.2 232.4
 63 135.9 114.4 212.4





#13

Acetone

Concen: 56.084 ug/L

RT: 2.178 min Scan# 3

Delta R.T. -0.010 min

Lab File: VV025659.D

Acq: 21 Apr 2022 10:51

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MSVOA_V

ClientSampleId :

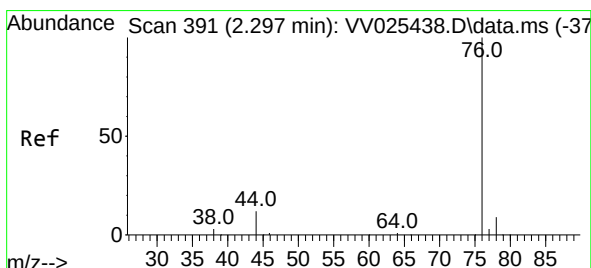
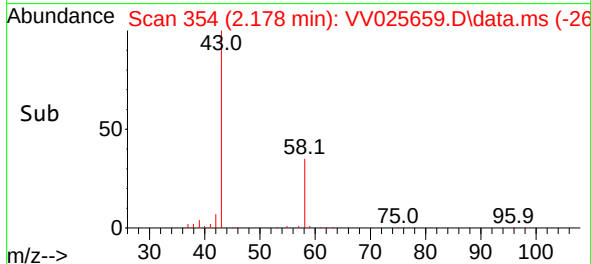
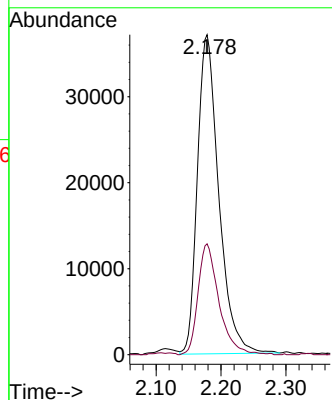
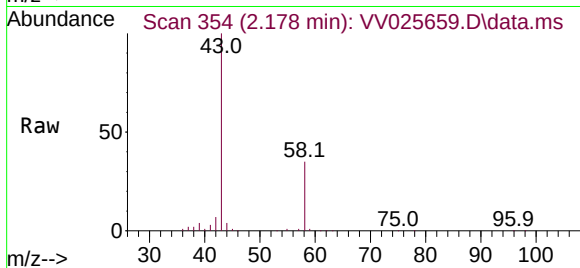
VSTD005388

Tgt Ion: 43 Resp: 85086

Ion Ratio Lower Upper

43 100

58 33.9 0.0 72.2



#14

Carbon disulfide

Concen: 4.027 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV025659.D

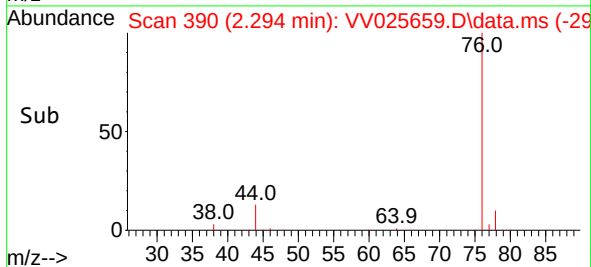
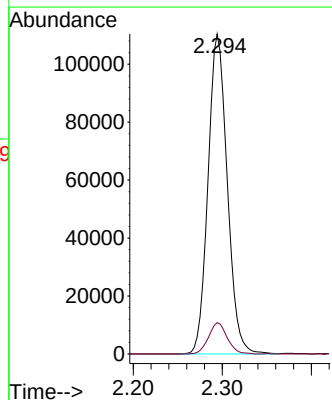
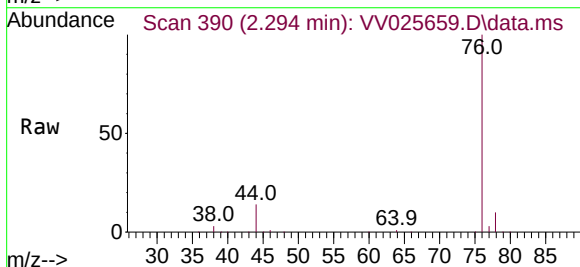
Acq: 21 Apr 2022 10:51

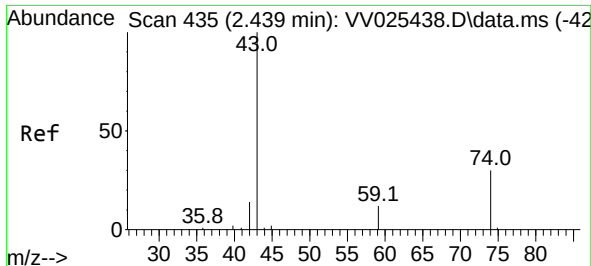
Tgt Ion: 76 Resp: 165233

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9





#15

Methyl Acetate

Concen: 5.467 ug/L

RT: 2.436 min Scan# 41

Delta R.T. -0.007 min

Lab File: VV025659.D

Acq: 21 Apr 2022 10:51

Instrument :

MSVOA_V

ClientSampleId :

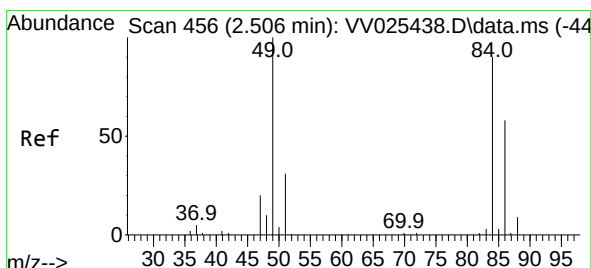
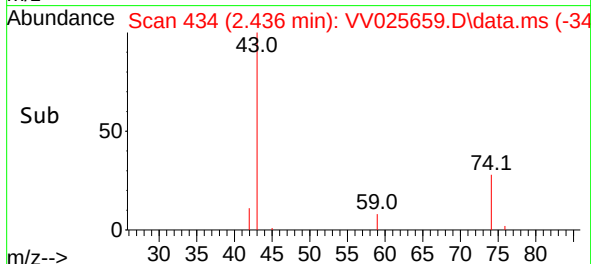
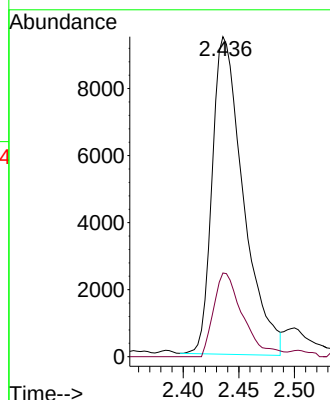
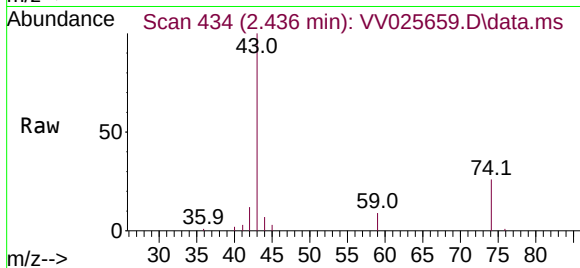
VSTD005388

Tgt Ion: 43 Resp: 18434

Ion Ratio Lower Upper

43 100

74 24.9 25.2 37.8#



#16

Methylene chloride

Concen: 4.135 ug/L

RT: 2.506 min Scan# 456

Delta R.T. -0.000 min

Lab File: VV025659.D

Acq: 21 Apr 2022 10:51

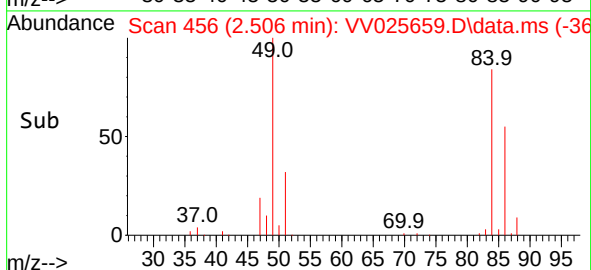
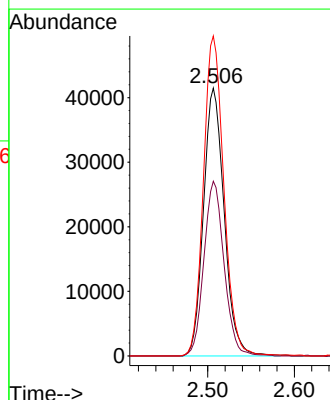
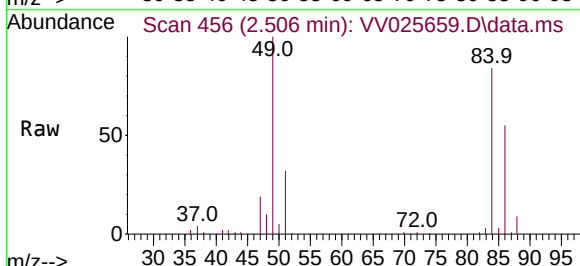
Tgt Ion: 84 Resp: 68719

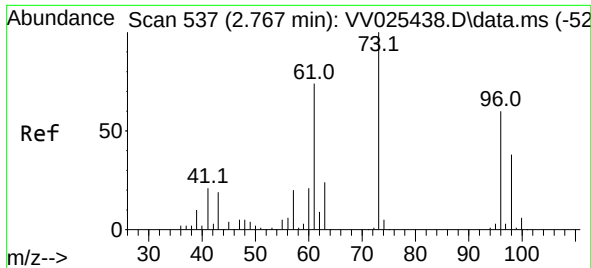
Ion Ratio Lower Upper

84 100

86 65.2 45.9 85.3

49 119.5 76.6 142.3

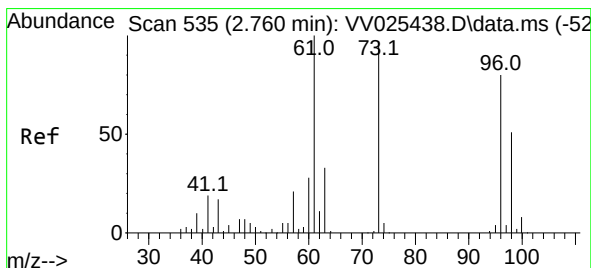
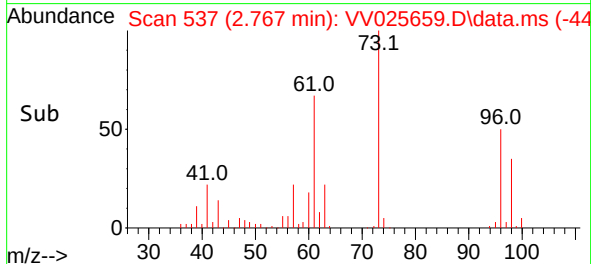
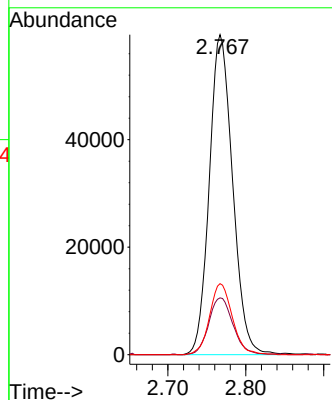
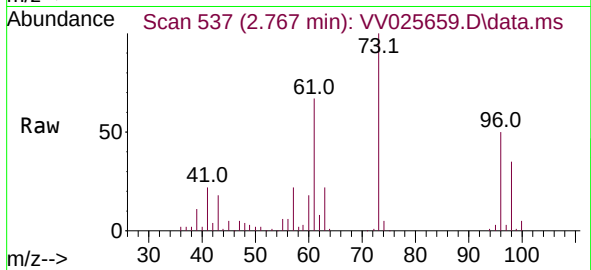




#17
Methyl tert-butyl Ether
Concen: 4.671 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

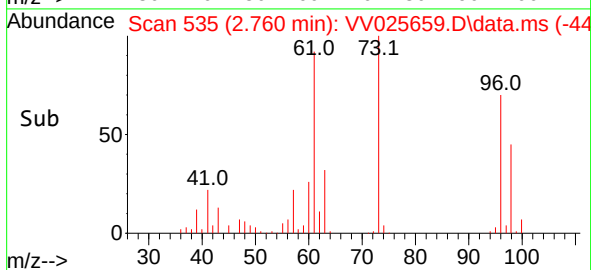
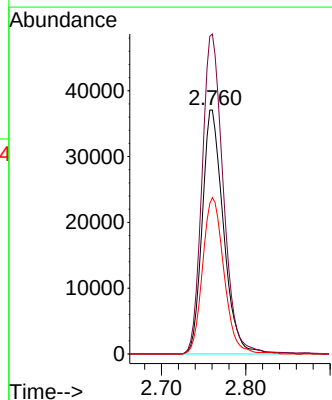
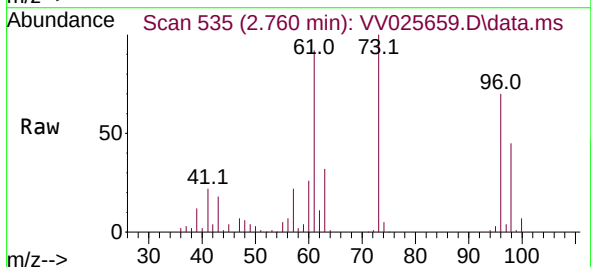
Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

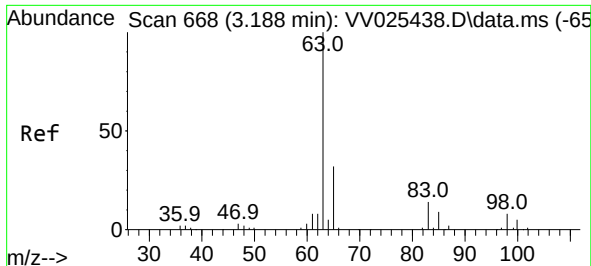
Tgt Ion: 73 Resp: 123899
Ion Ratio Lower Upper
73 100
43 18.5 14.2 21.4
57 21.7 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 4.527 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

Tgt Ion: 96 Resp: 65035
Ion Ratio Lower Upper
96 100
61 131.2 92.1 171.1
98 64.1 47.5 88.1





#19

1,1-Dichloroethane

Concen: 5.107 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV025659.D

Acq: 21 Apr 2022 10:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD005388

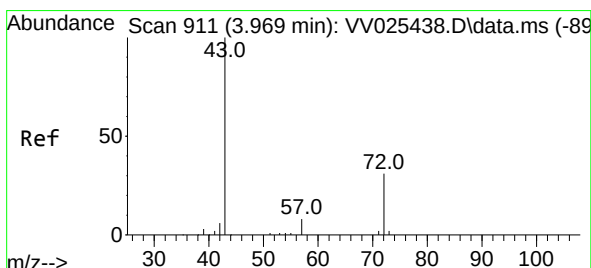
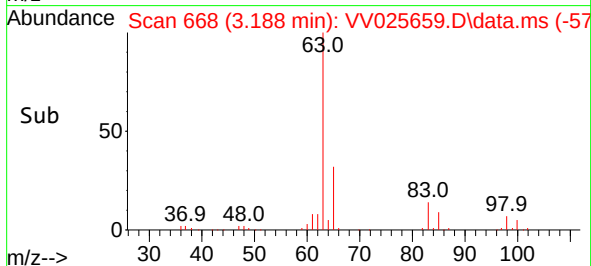
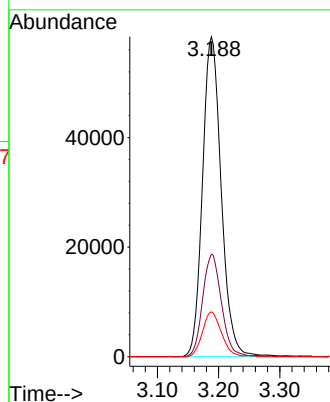
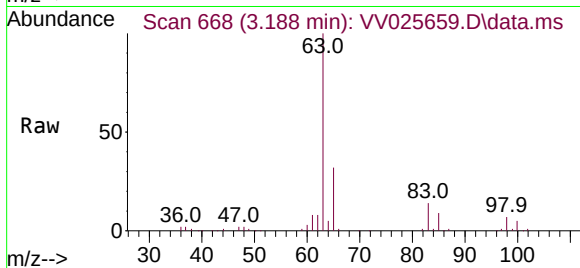
Tgt Ion: 63 Resp: 124259

Ion Ratio Lower Upper

63 100

65 32.0 23.2 43.0

83 14.0 9.0 16.8



#21

2-Butanone

Concen: 56.625 ug/L

RT: 3.966 min Scan# 910

Delta R.T. -0.013 min

Lab File: VV025659.D

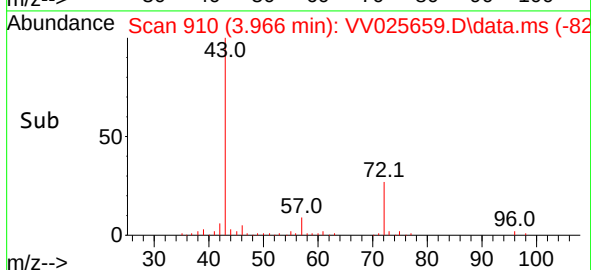
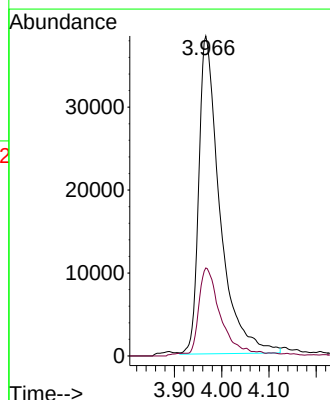
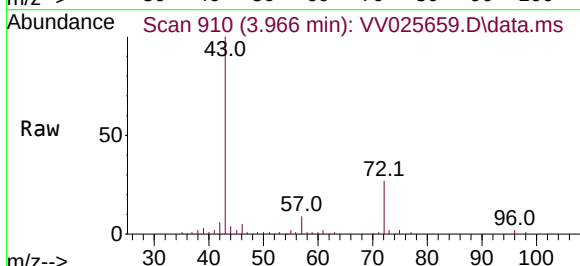
Acq: 21 Apr 2022 10:51

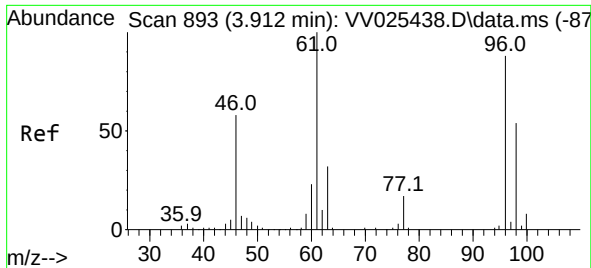
Tgt Ion: 43 Resp: 118706

Ion Ratio Lower Upper

43 100

72 25.7 15.2 45.6

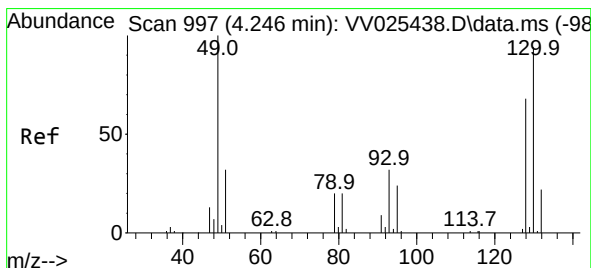
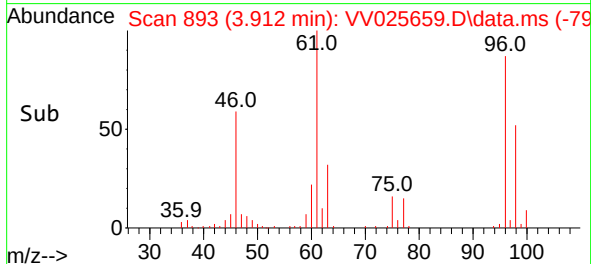
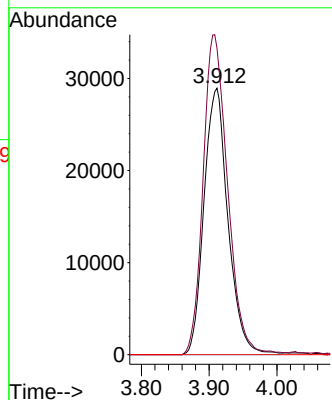
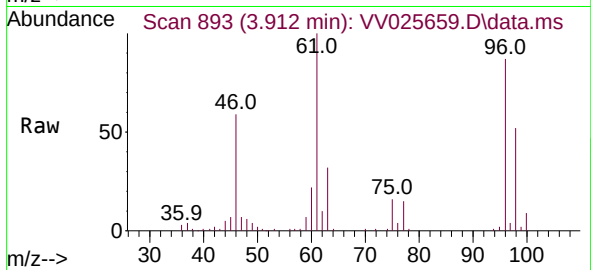




#22
 cis-1,2-Dichloroethene
 Concen: 4.715 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VV025659.D
 Acq: 21 Apr 2022 10:51

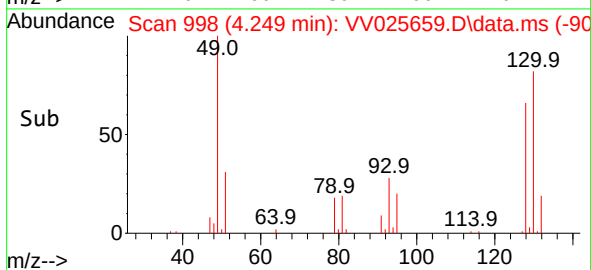
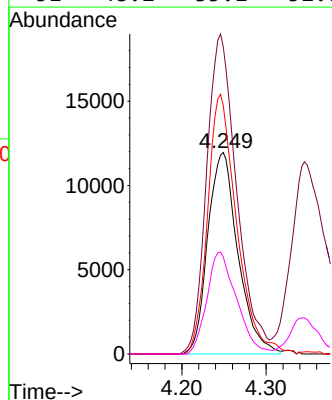
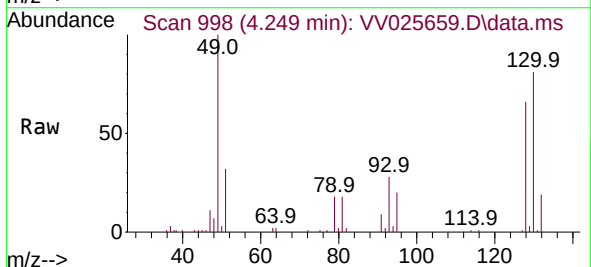
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005388

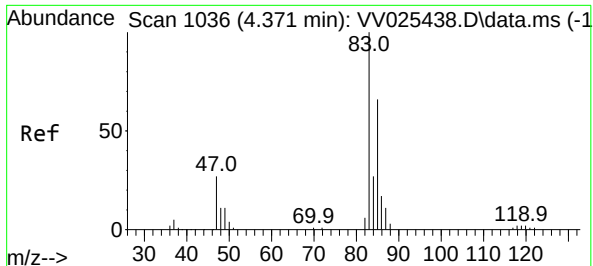
Tgt Ion: 96 Resp: 71310
 Ion Ratio Lower Upper
 96 100
 61 114.9 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.732 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.003 min
 Lab File: VV025659.D
 Acq: 21 Apr 2022 10:51

Tgt Ion: 128 Resp: 29712
 Ion Ratio Lower Upper
 128 100
 49 152.6 100.5 186.7
 130 123.4 87.8 163.0
 51 48.2 35.1 52.7





#25

Chloroform

Concen: 5.161 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV025659.D

Acq: 21 Apr 2022 10:51

Instrument :

MSVOA_V

ClientSampleId :

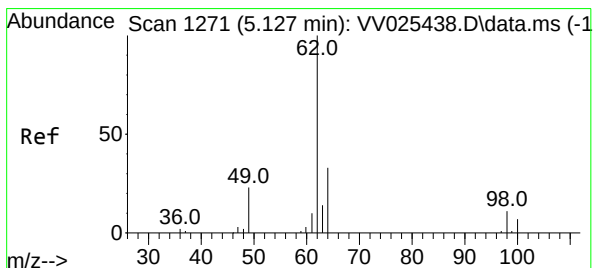
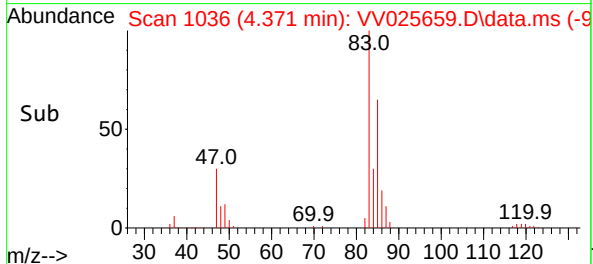
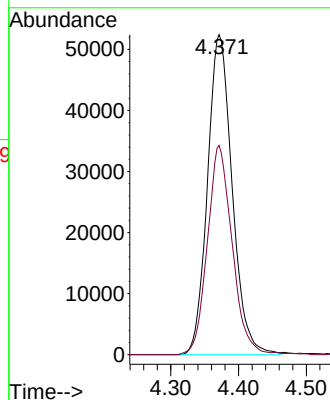
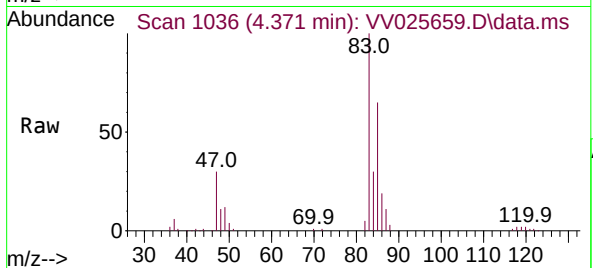
VSTD005388

Tgt Ion: 83 Resp: 132543

Ion Ratio Lower Upper

83 100

85 65.4 43.5 80.7



#27

1,2-Dichloroethane

Concen: 5.127 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV025659.D

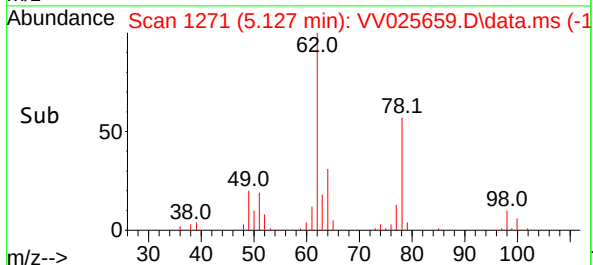
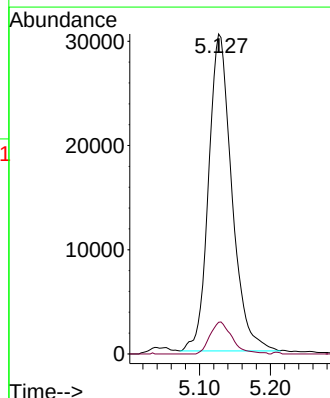
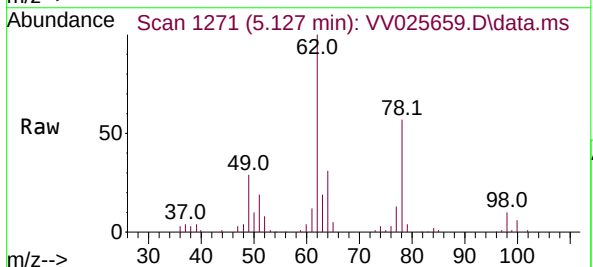
Acq: 21 Apr 2022 10:51

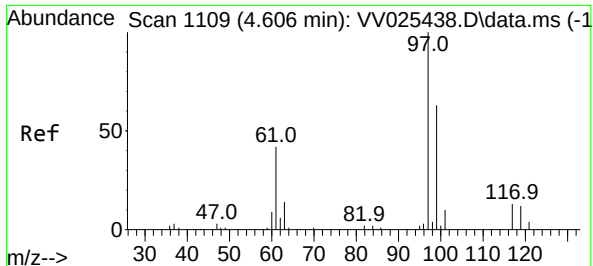
Tgt Ion: 62 Resp: 69476

Ion Ratio Lower Upper

62 100

98 9.9 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 4.932 ug/L

RT: 4.603 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV025659.D

Acq: 21 Apr 2022 10:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD005388

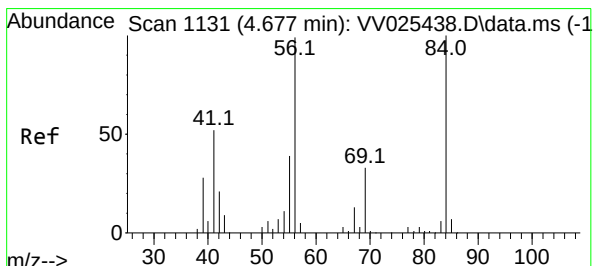
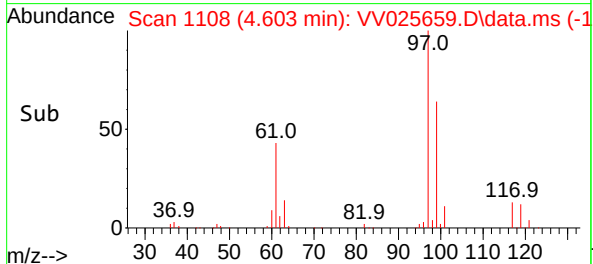
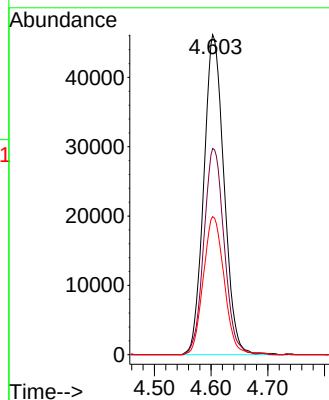
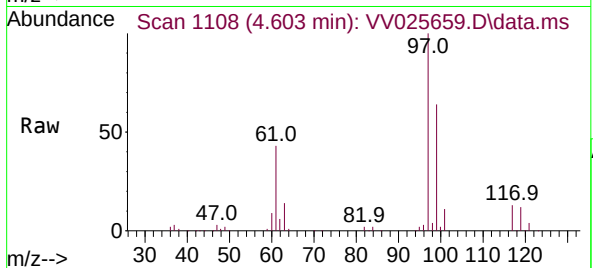
Tgt Ion: 97 Resp: 114593

Ion Ratio Lower Upper

97 100

99 64.8 51.5 77.3

61 44.3 34.3 51.5



#30

Cyclohexane

Concen: 4.342 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV025659.D

Acq: 21 Apr 2022 10:51

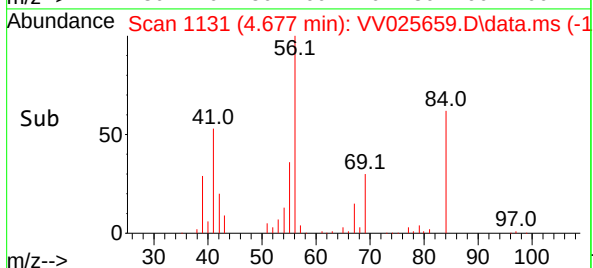
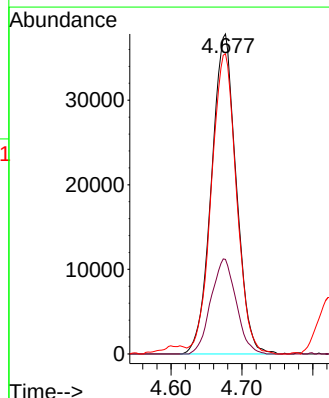
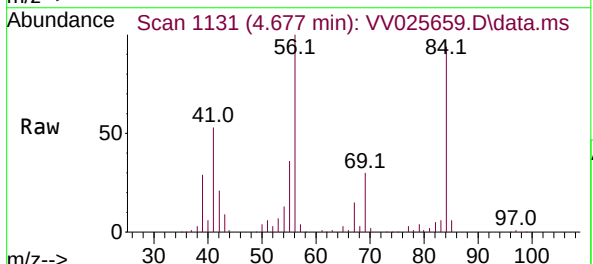
Tgt Ion: 56 Resp: 91731

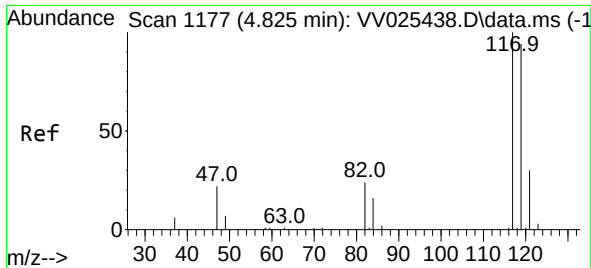
Ion Ratio Lower Upper

56 100

69 30.2 26.1 39.1

84 95.5 78.6 118.0

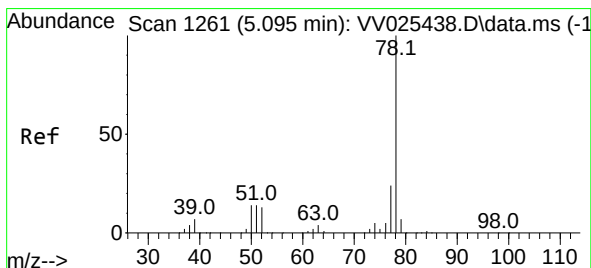
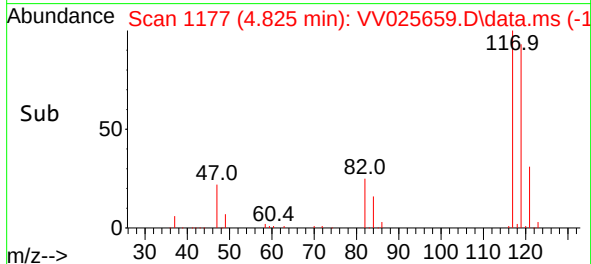
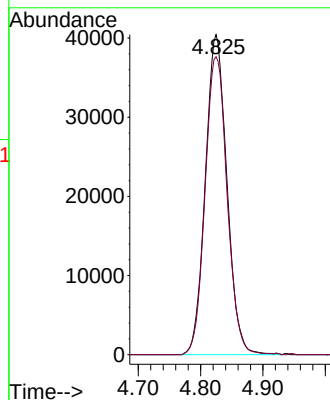
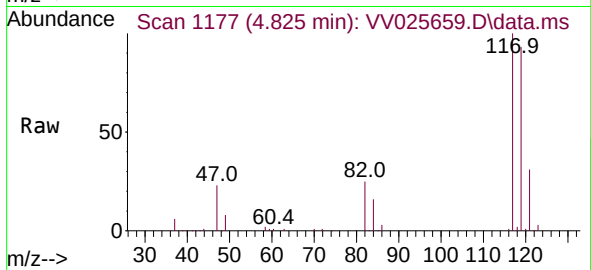




#31
Carbon tetrachloride
Concen: 4.946 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

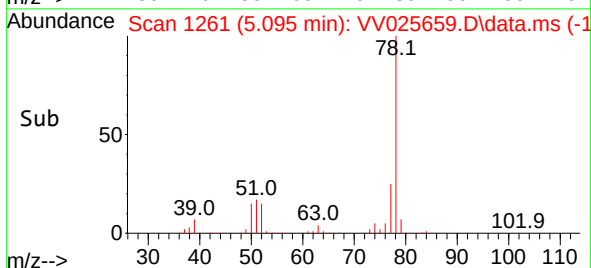
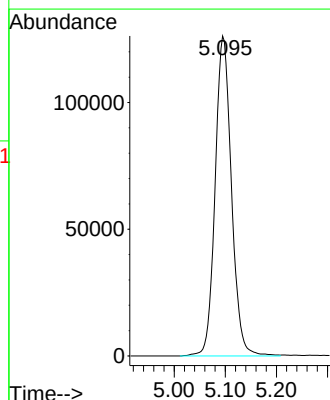
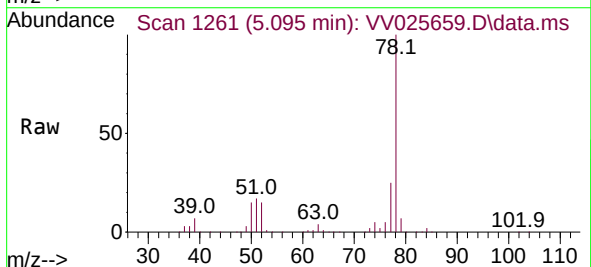
Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

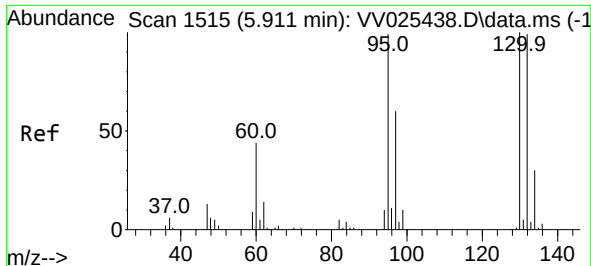
Tgt Ion:117 Resp: 97190
Ion Ratio Lower Upper
117 100
119 95.2 76.6 114.8



#33
Benzene
Concen: 4.814 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

Tgt Ion: 78 Resp: 280164

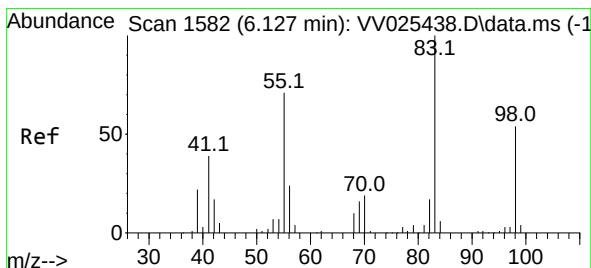
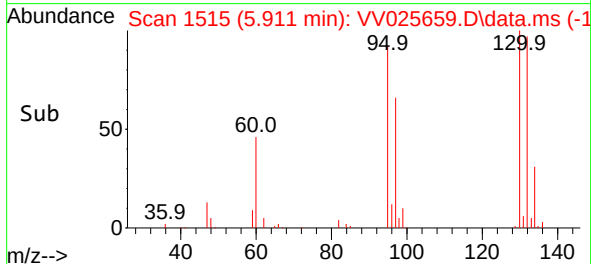
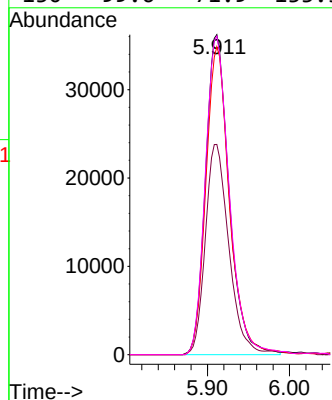
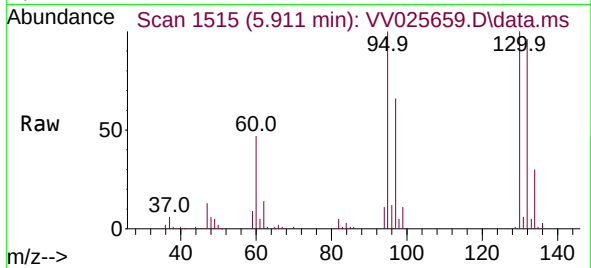




#34
Trichloroethene
Concen: 4.673 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

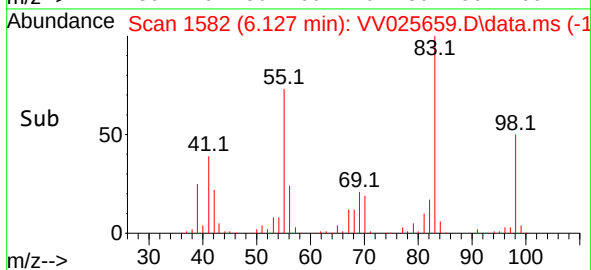
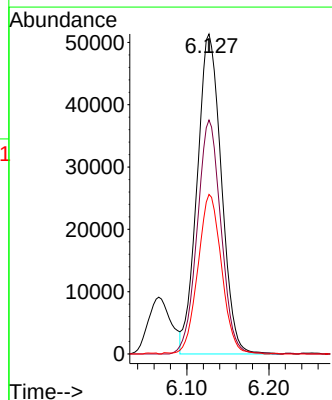
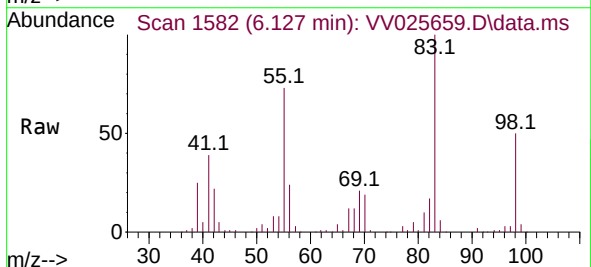
Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

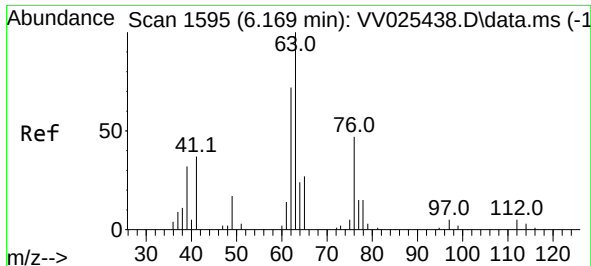
Tgt Ion: 95 Resp: 72209
Ion Ratio Lower Upper
95 100
97 65.7 45.8 85.2
132 96.2 68.0 126.4
130 99.6 71.9 133.5



#35
Methylcyclohexane
Concen: 4.268 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

Tgt Ion: 83 Resp: 105234
Ion Ratio Lower Upper
83 100
55 71.7 53.7 80.5
98 48.8 39.6 59.4

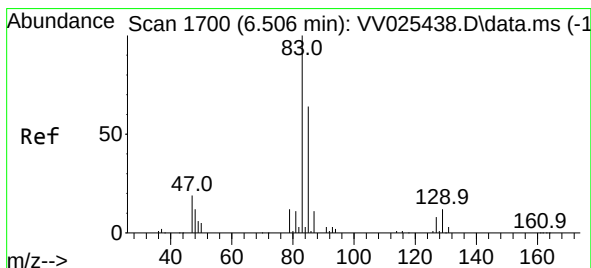
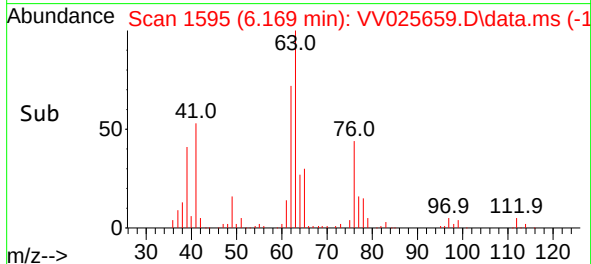
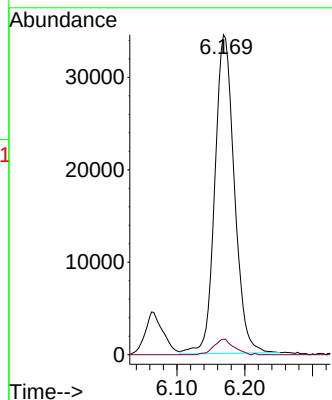
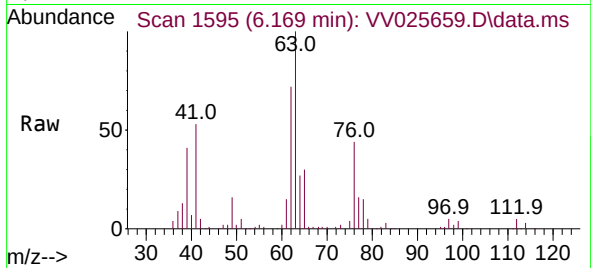




#37
1,2-Dichloropropane
Concen: 5.132 ug/L
RT: 6.169 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

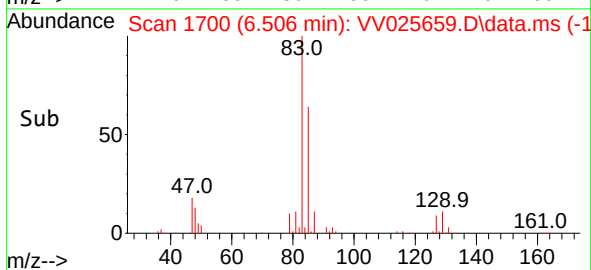
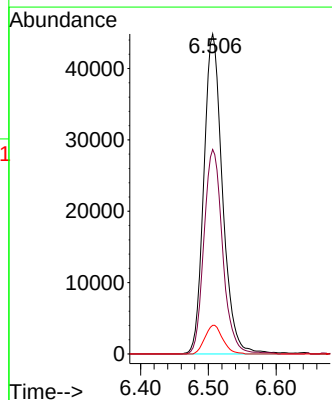
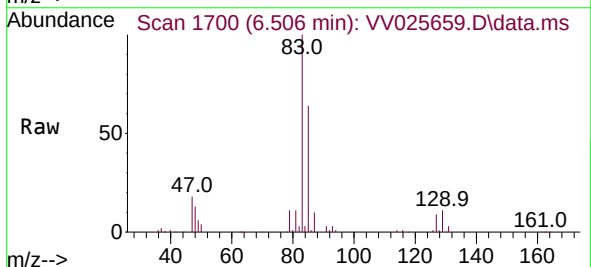
Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

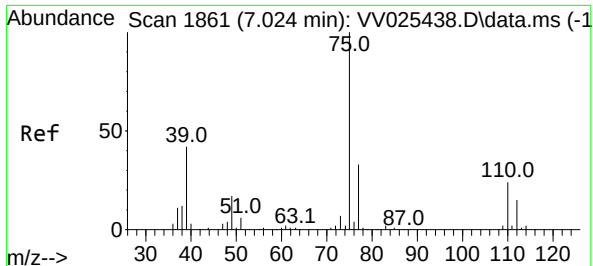
Tgt Ion: 63 Resp: 69101
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.8



#38
Bromodichloromethane
Concen: 5.130 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

Tgt Ion: 83 Resp: 85743
Ion Ratio Lower Upper
83 100
85 63.9 44.4 82.4
127 8.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.821 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV025659.D

Acq: 21 Apr 2022 10:51

Instrument :

MSVOA_V

ClientSampleId :

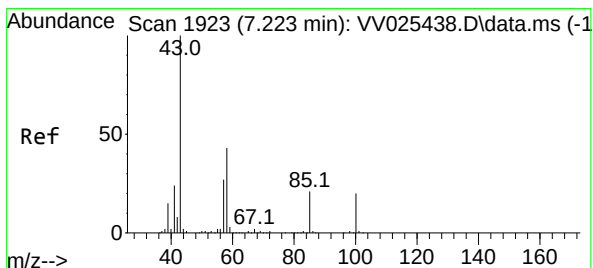
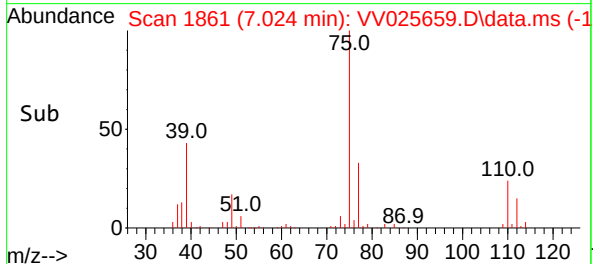
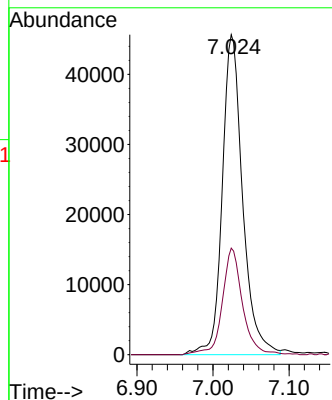
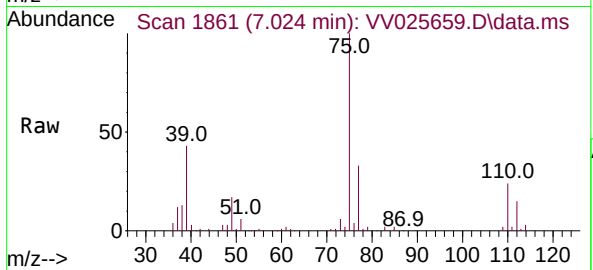
VSTD005388

Tgt Ion: 75 Resp: 85068

Ion Ratio Lower Upper

75 100

77 33.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 56.190 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV025659.D

Acq: 21 Apr 2022 10:51

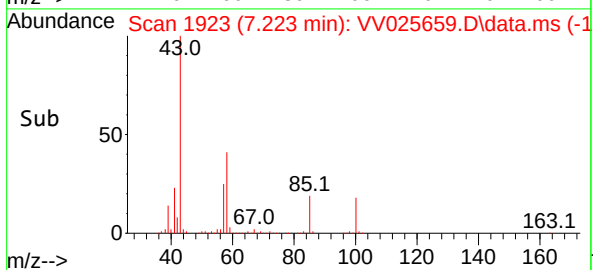
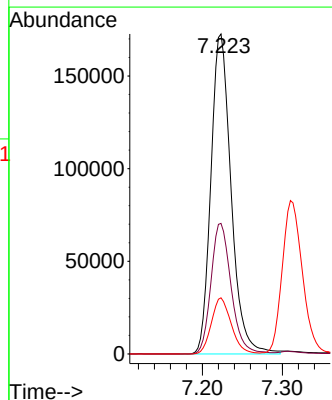
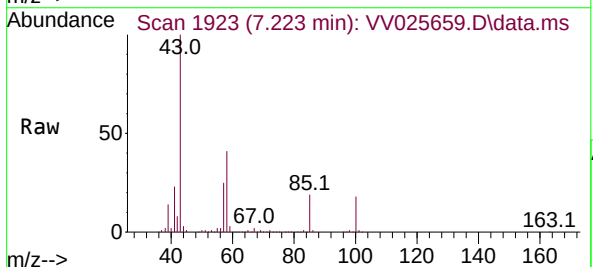
Tgt Ion: 43 Resp: 302915

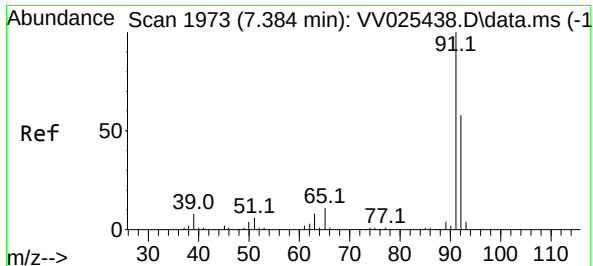
Ion Ratio Lower Upper

43 100

58 40.8 35.1 52.7

100 17.2 15.3 22.9





#42

Toluene

Concen: 4.793 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV025659.D

Acq: 21 Apr 2022 10:51

Instrument :

MSVOA_V

ClientSampleId :

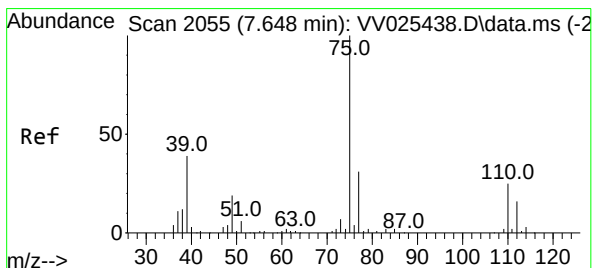
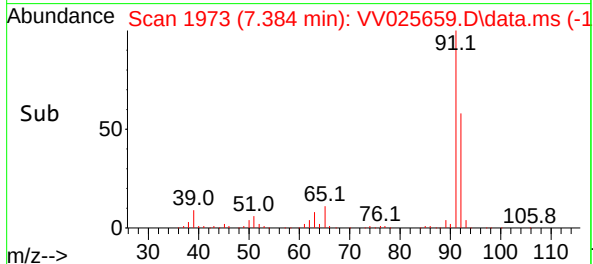
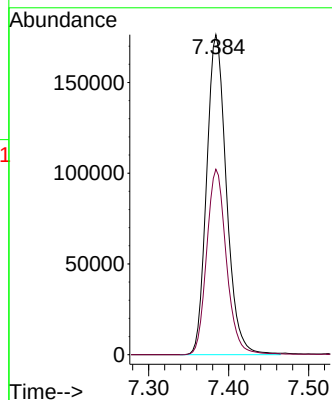
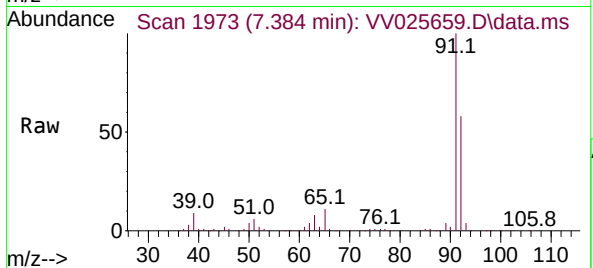
VSTD005388

Tgt Ion: 91 Resp: 303458

Ion Ratio Lower Upper

91 100

92 57.9 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.016 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV025659.D

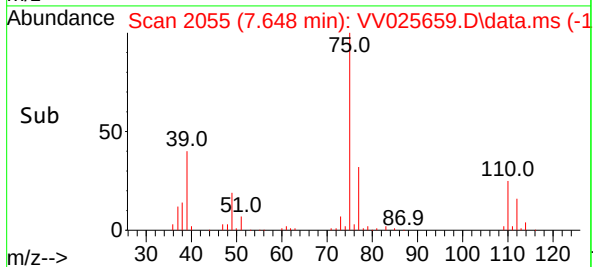
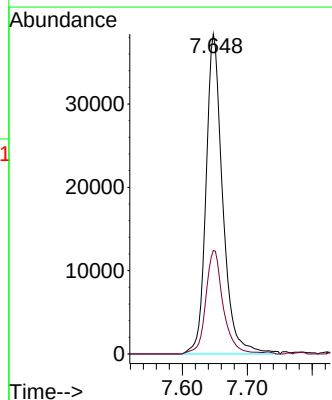
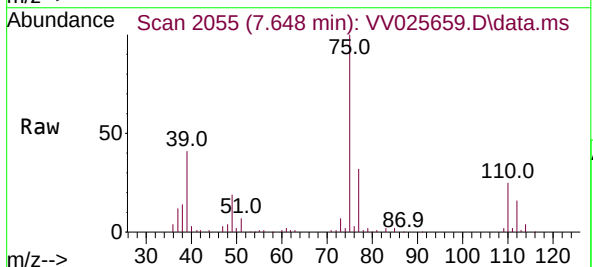
Acq: 21 Apr 2022 10:51

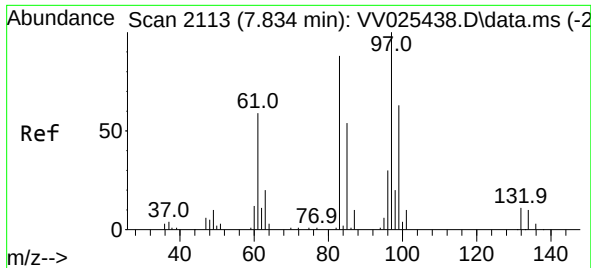
Tgt Ion: 75 Resp: 68764

Ion Ratio Lower Upper

75 100

77 32.4 21.7 40.3

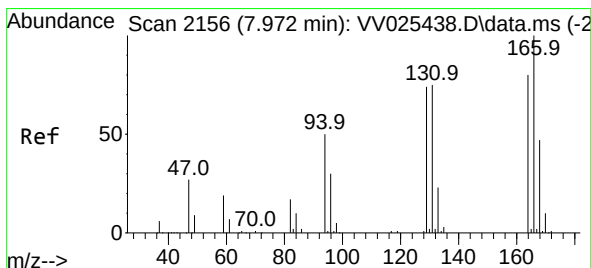
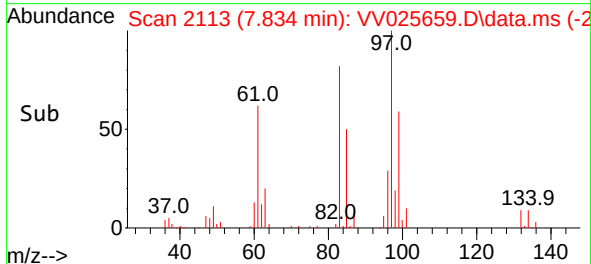
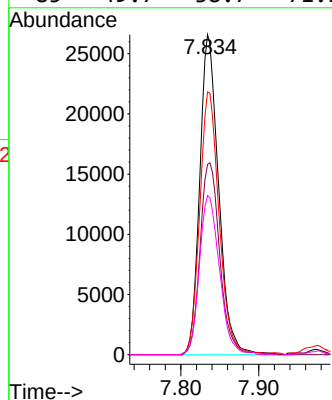
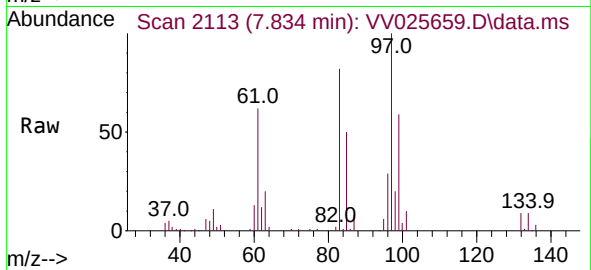




#45
1,1,2-Trichloroethane
Concen: 4.958 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

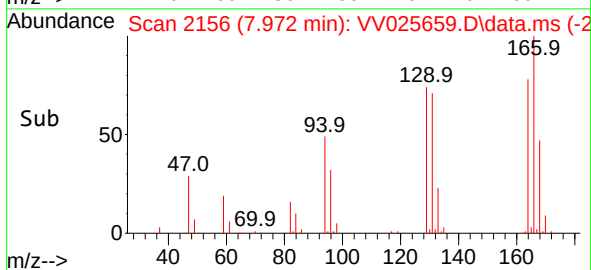
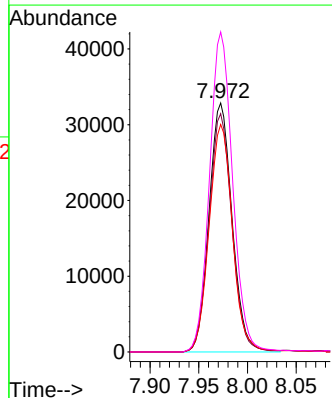
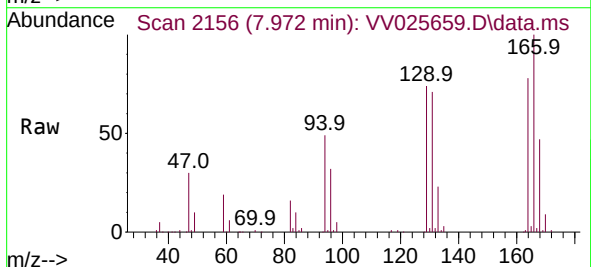
Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

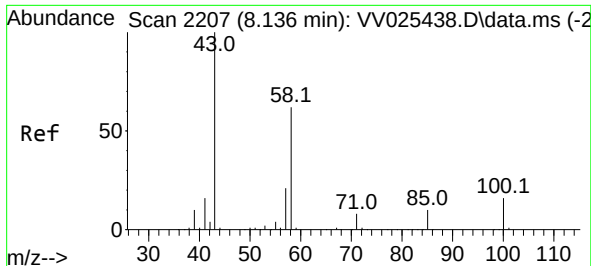
Tgt Ion:	97	Resp:	44706
Ion	Ratio	Lower	Upper
97	100		
99	59.5	43.8	81.4
83	82.1	60.3	112.1
85	49.7	38.7	71.9



#47
Tetrachloroethene
Concen: 4.470 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

Tgt Ion:	164	Resp:	54075
Ion	Ratio	Lower	Upper
164	100		
129	95.7	66.8	124.2
131	91.4	66.4	123.4
166	128.5	91.7	170.3



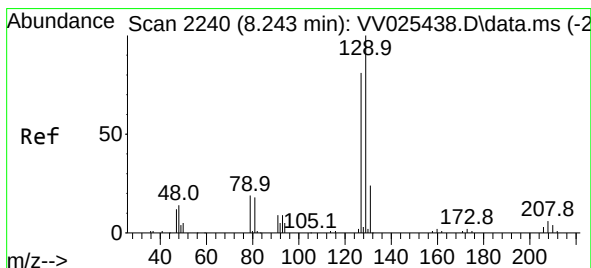
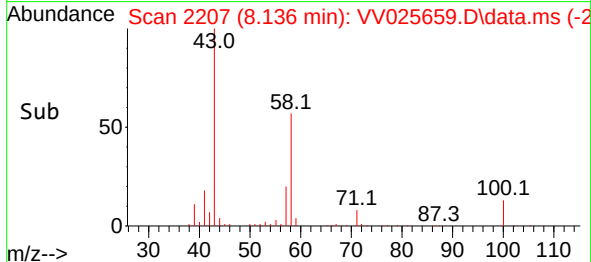
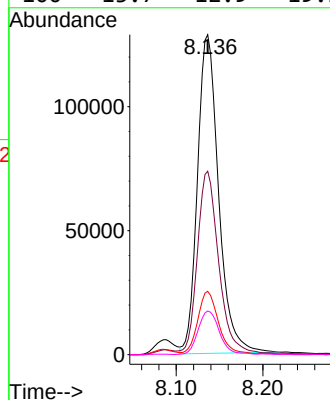
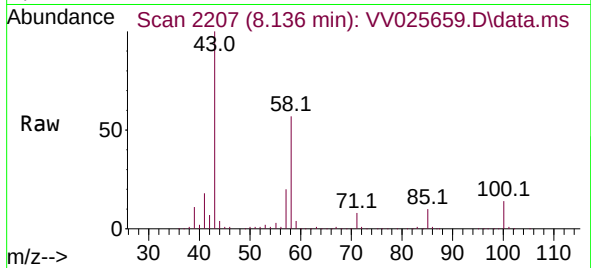


#48
2-Hexanone
Concen: 58.091 ug/L
RT: 8.136 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

Tgt Ion: 43 Resp: 218244

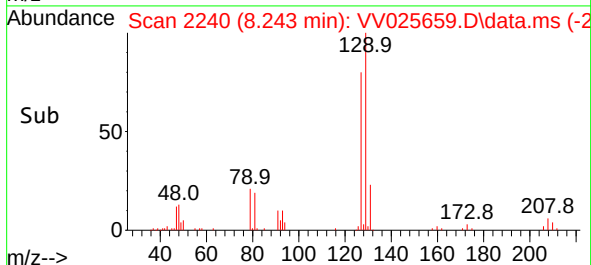
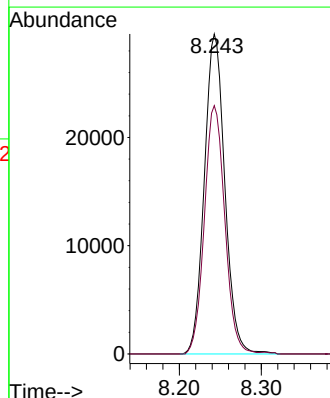
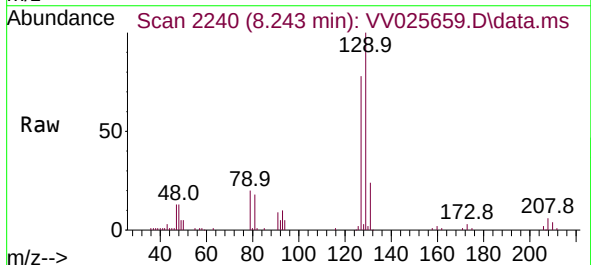
Ion	Ratio	Lower	Upper
43	100		
58	58.8	49.7	74.5
57	19.2	16.4	24.6
100	13.7	12.9	19.3

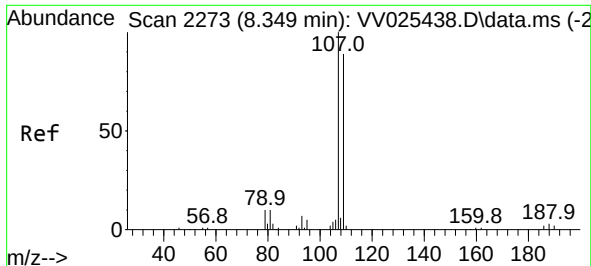


#49
Dibromochloromethane
Concen: 5.191 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

Tgt Ion: 129 Resp: 51383

Ion	Ratio	Lower	Upper
129	100		
127	77.6	53.8	100.0





#50

1,2-Dibromoethane

Concen: 4.529 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025659.D

Acq: 21 Apr 2022 10:51

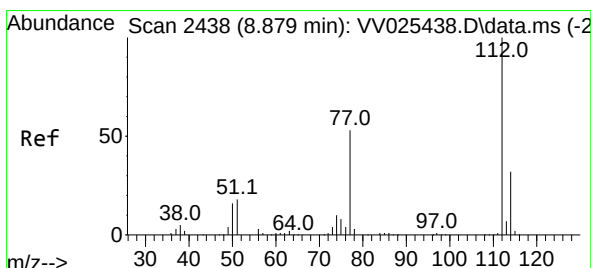
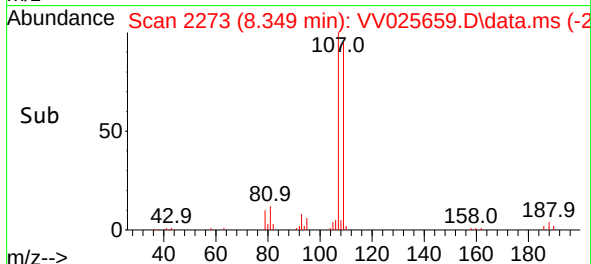
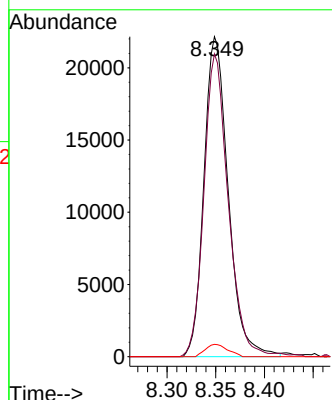
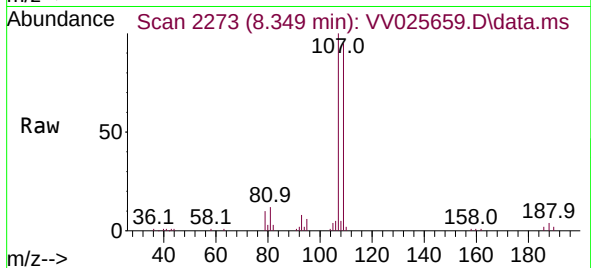
Instrument :

MSVOA_V

ClientSampleId :

VSTD005388

Tgt Ion:107	Resp:	38356
Ion	Ratio	Lower Upper
107	100	
109	94.6	65.9 122.3
188	3.8	2.7 4.1



#51

Chlorobenzene

Concen: 4.654 ug/L

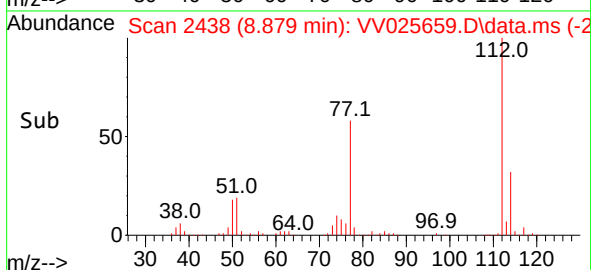
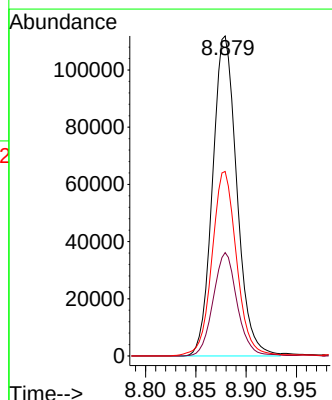
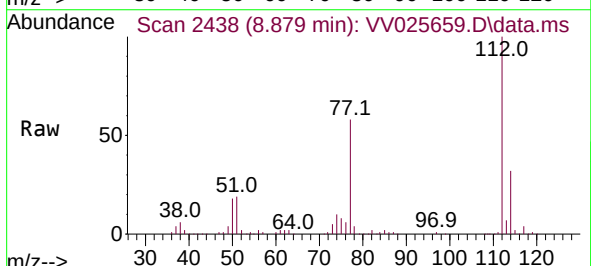
RT: 8.879 min Scan# 2438

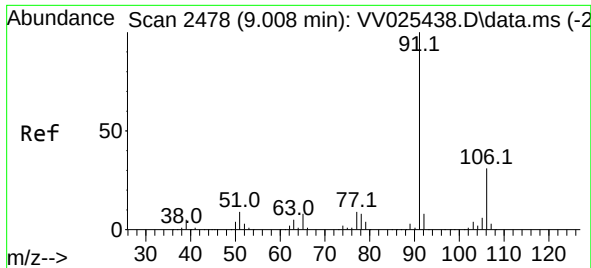
Delta R.T. 0.003 min

Lab File: VV025659.D

Acq: 21 Apr 2022 10:51

Tgt Ion:112	Resp:	188150
Ion	Ratio	Lower Upper
112	100	
114	32.3	22.4 41.6
77	57.6	43.7 65.5

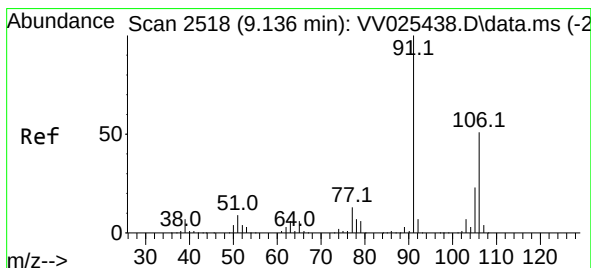
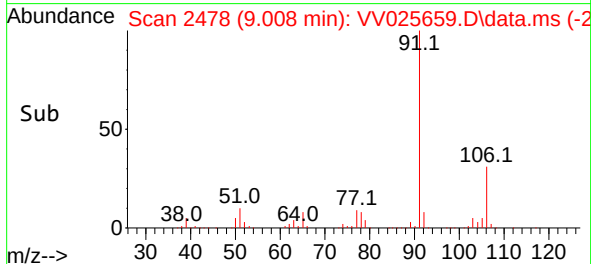
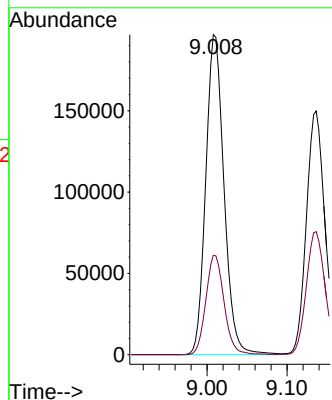
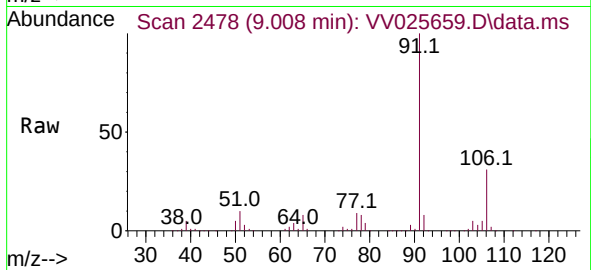




#52
Ethylbenzene
Concen: 4.639 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

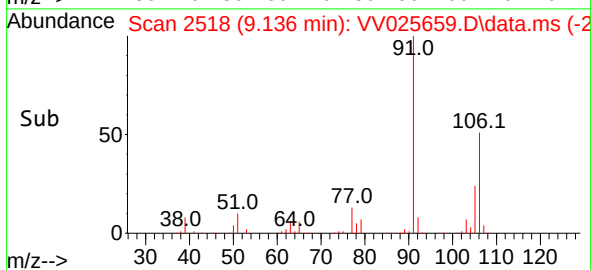
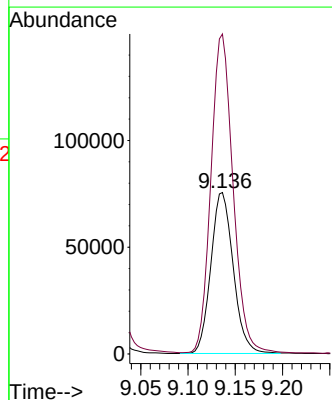
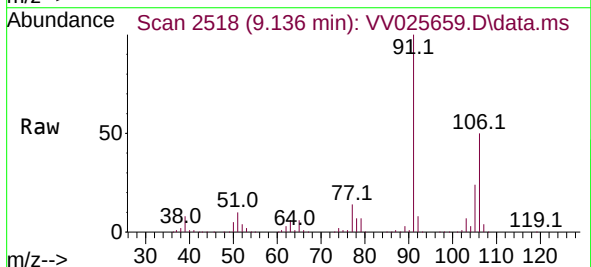
Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

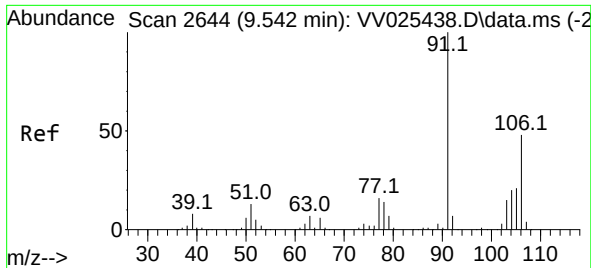
Tgt Ion: 91 Resp: 313197
Ion Ratio Lower Upper
91 100
106 31.0 22.3 41.3



#53
m,p-Xylene
Concen: 4.838 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

Tgt Ion: 106 Resp: 124194
Ion Ratio Lower Upper
106 100
91 198.2 136.4 253.4

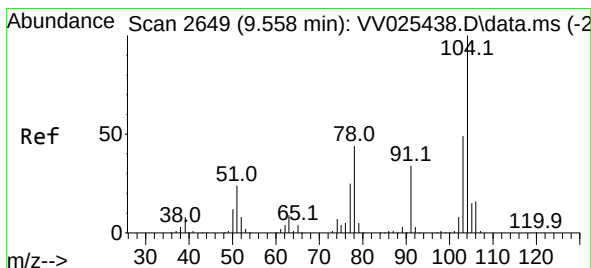
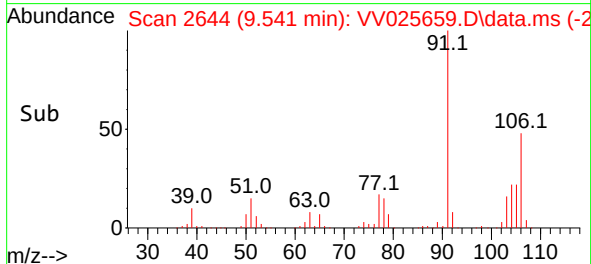
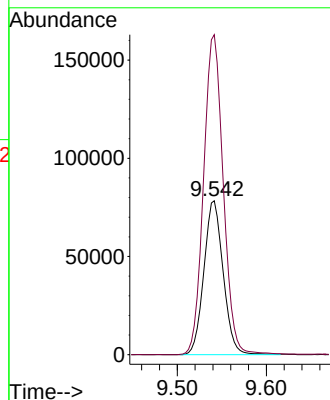
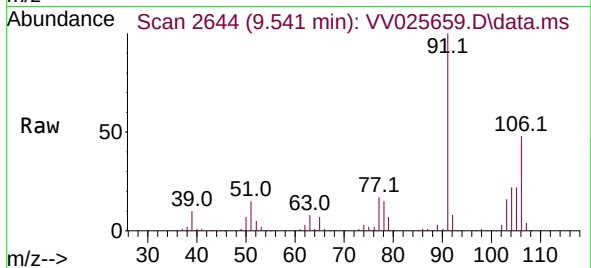




#54
o-Xylene
Concen: 4.725 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

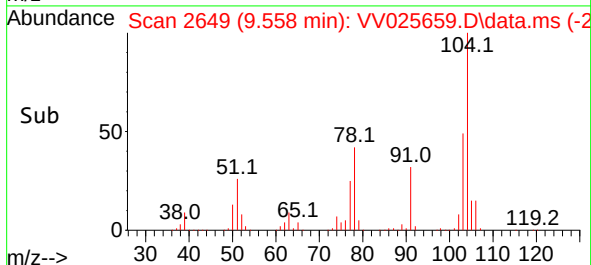
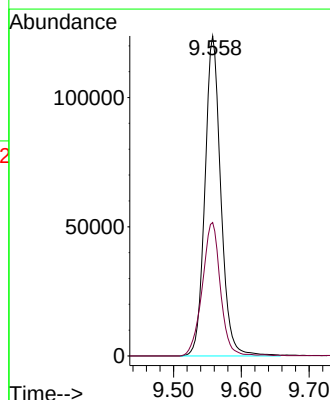
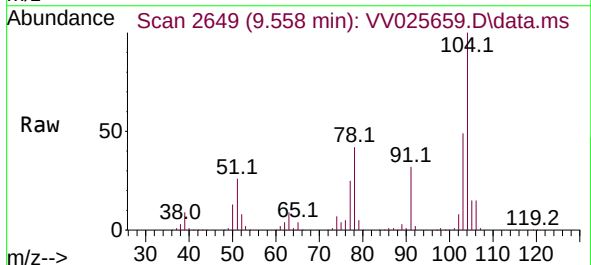
Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

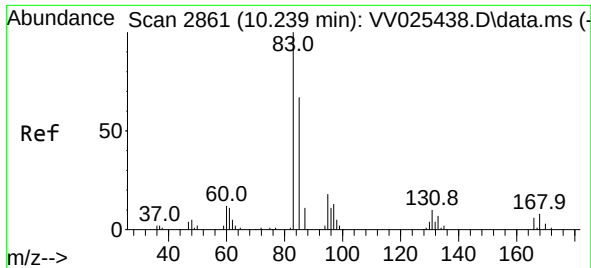
Tgt Ion:106 Resp: 117815
Ion Ratio Lower Upper
106 100
91 207.9 150.4 279.2



#55
Styrene
Concen: 4.987 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

Tgt Ion:104 Resp: 202185
Ion Ratio Lower Upper
104 100
78 41.7 28.3 52.7

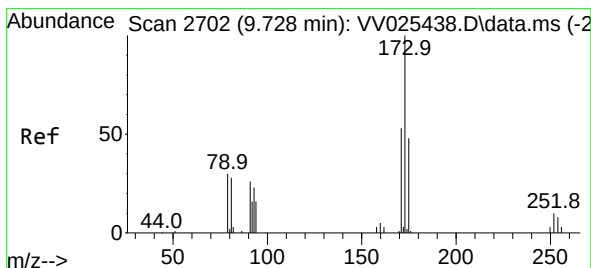
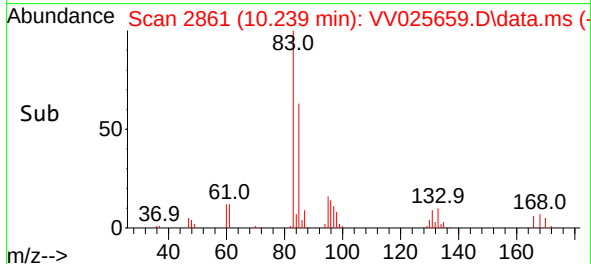
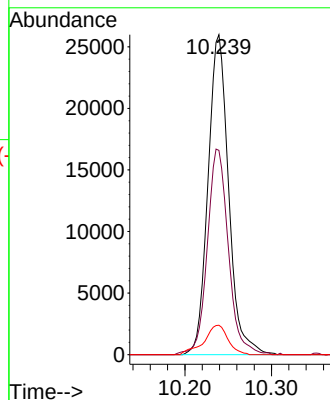
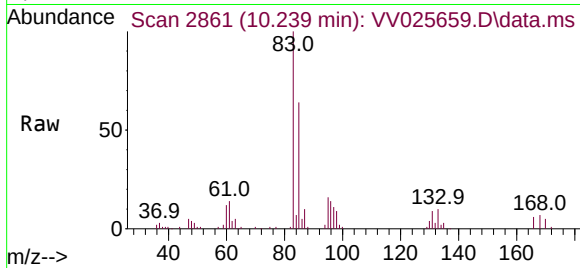




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.768 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV025659.D
 Acq: 21 Apr 2022 10:51

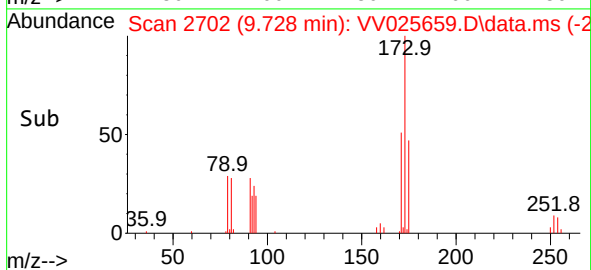
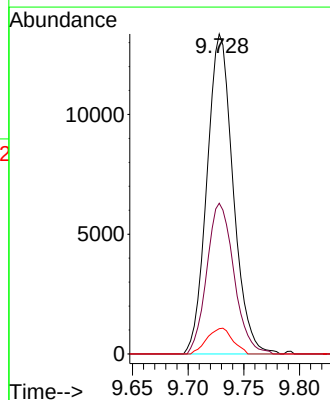
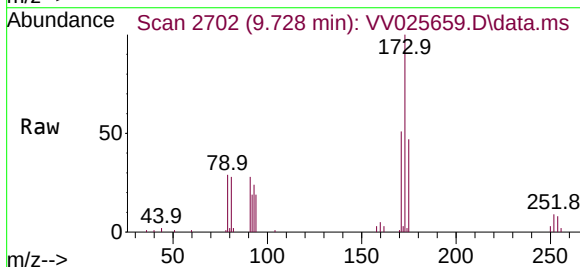
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005388

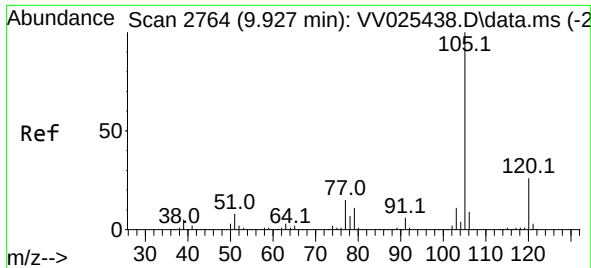
Tgt Ion:	83	Resp:	42953
Ion	Ratio	Lower	Upper
83	100		
85	63.9	45.1	83.9
131	9.2	7.9	11.9



#59
 Bromoform
 Concen: 5.044 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV025659.D
 Acq: 21 Apr 2022 10:51

Tgt Ion:	173	Resp:	21839
Ion	Ratio	Lower	Upper
173	100		
175	48.8	40.8	61.2
254	7.9	7.0	10.6

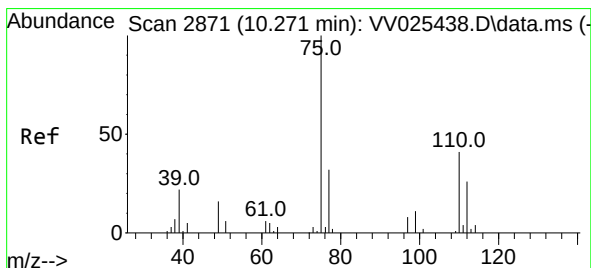
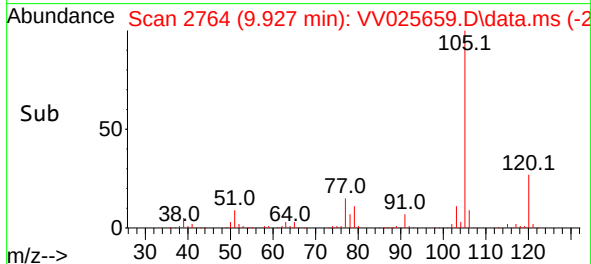
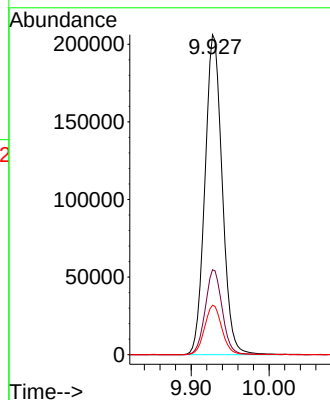
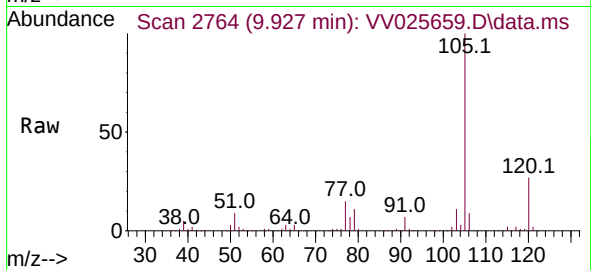




#60
Isopropylbenzene
Concen: 4.889 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

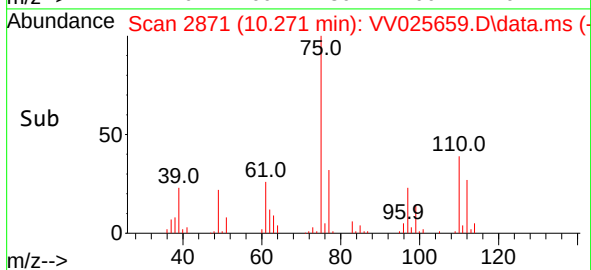
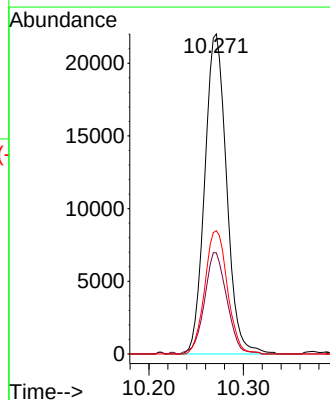
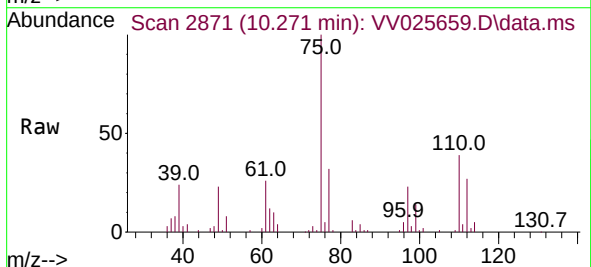
Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

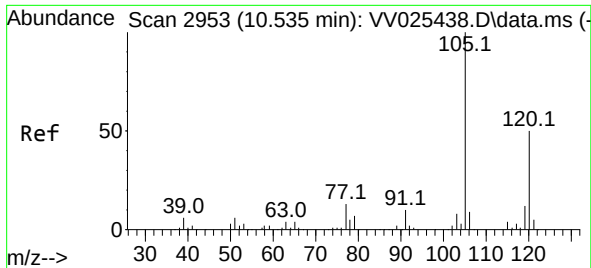
Tgt Ion:105 Resp: 317406
Ion Ratio Lower Upper
105 100
120 26.3 21.2 31.8
77 15.6 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.120 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

Tgt Ion: 75 Resp: 35369
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4
110 39.9 34.7 52.1

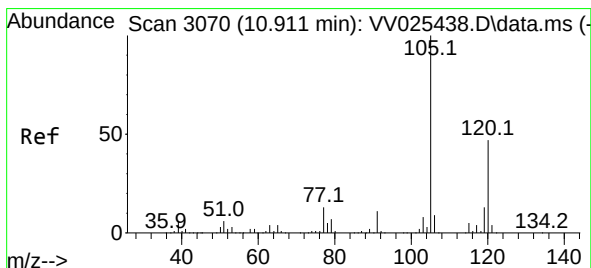
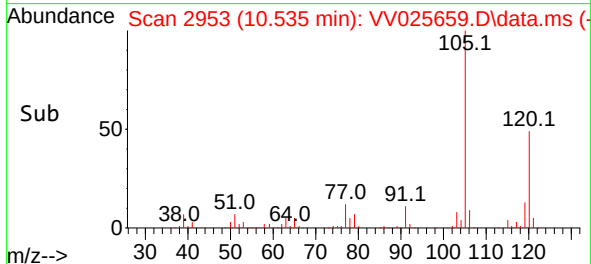
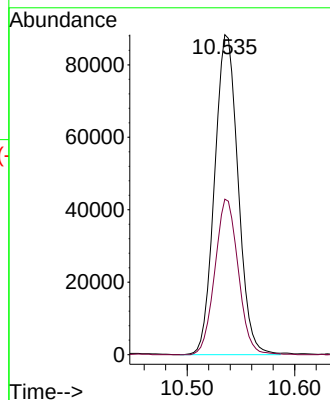
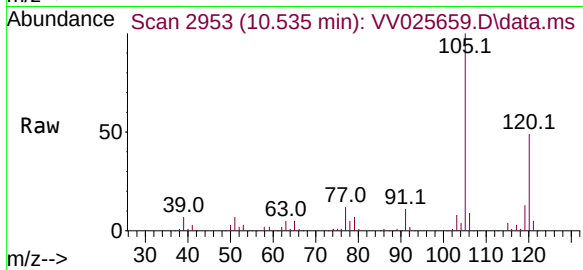




#62
1,3,5-Trimethylbenzene
Concen: 4.630 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

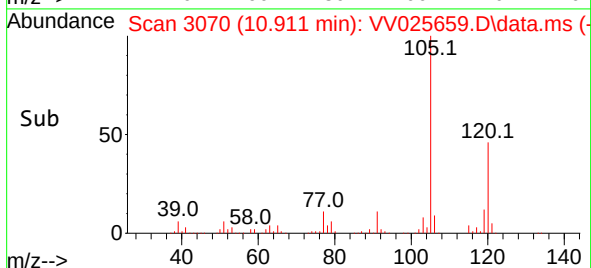
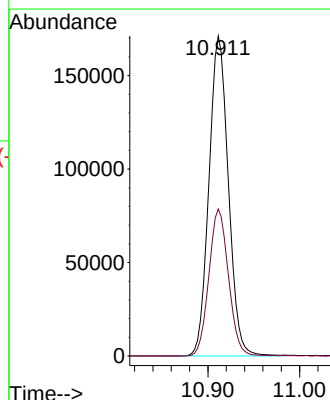
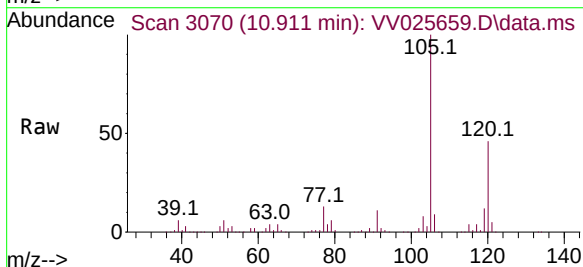
Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

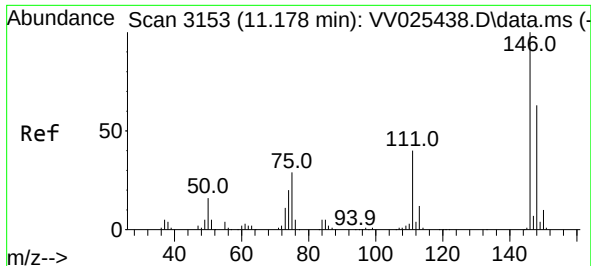
Tgt Ion:105 Resp: 134036
Ion Ratio Lower Upper
105 100
120 48.4 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 4.824 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

Tgt Ion:105 Resp: 251628
Ion Ratio Lower Upper
105 100
120 46.4 36.6 55.0

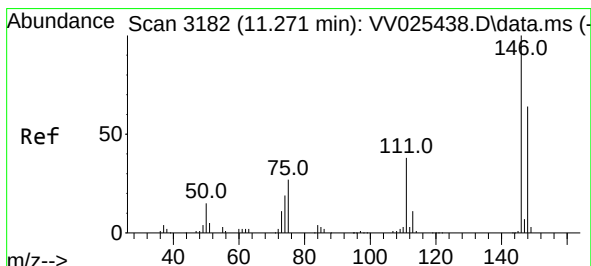
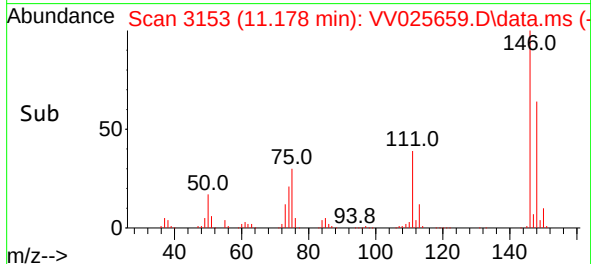
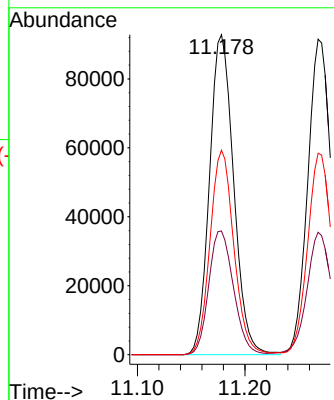
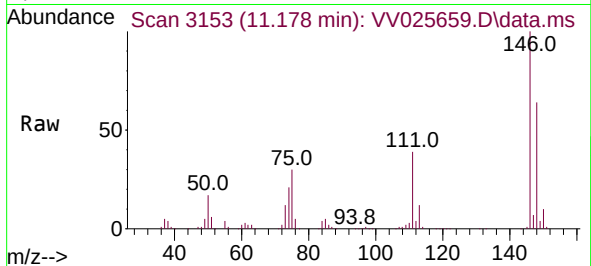




#64
1,3-Dichlorobenzene
Concen: 4.779 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

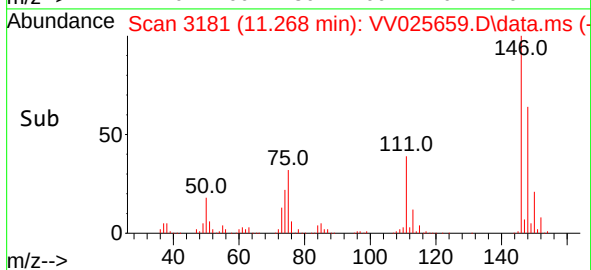
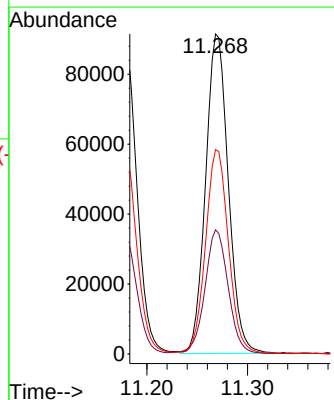
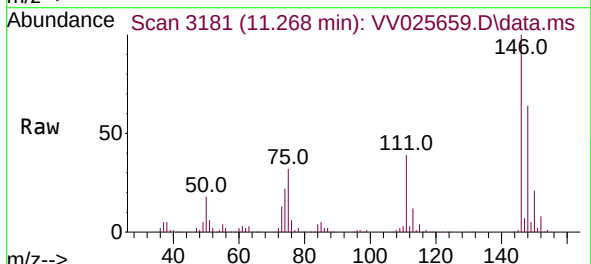
Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

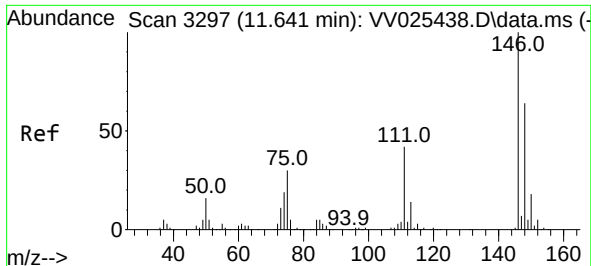
Tgt Ion:146 Resp: 144838
Ion Ratio Lower Upper
146 100
111 38.6 27.4 50.8
148 63.9 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.656 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

Tgt Ion:146 Resp: 143229
Ion Ratio Lower Upper
146 100
111 38.8 26.7 49.7
148 63.8 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 4.706 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.003 min

Lab File: VV025659.D

Acq: 21 Apr 2022 10:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD005388

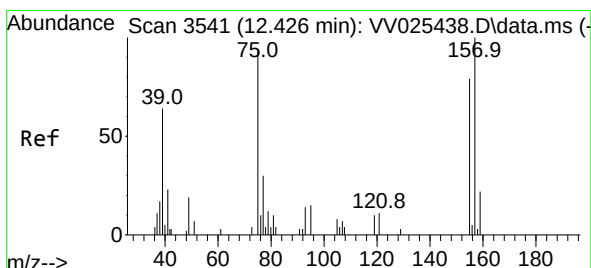
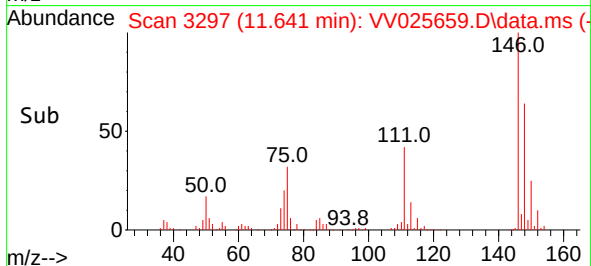
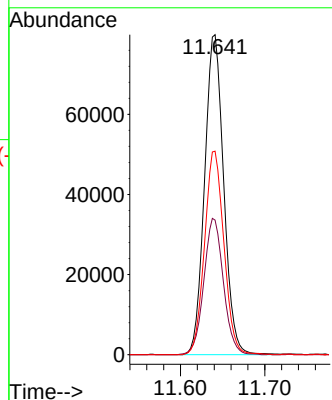
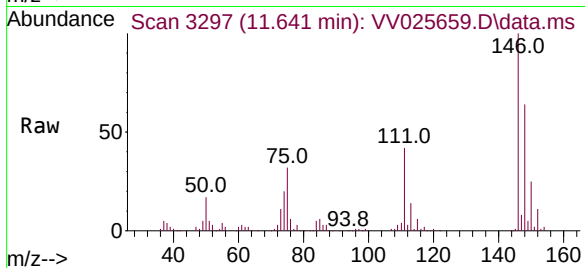
Tgt Ion:146 Resp: 126313

Ion Ratio Lower Upper

146 100

111 42.0 33.6 50.4

148 63.6 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.824 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV025659.D

Acq: 21 Apr 2022 10:51

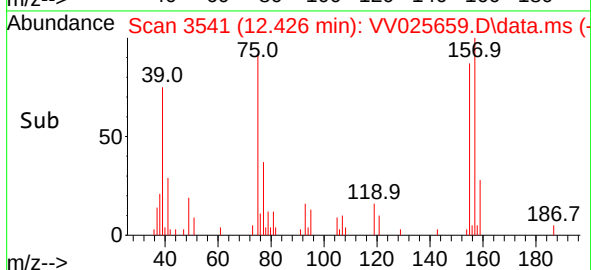
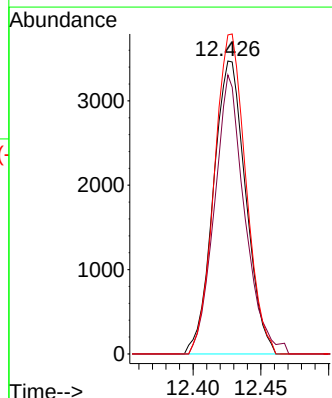
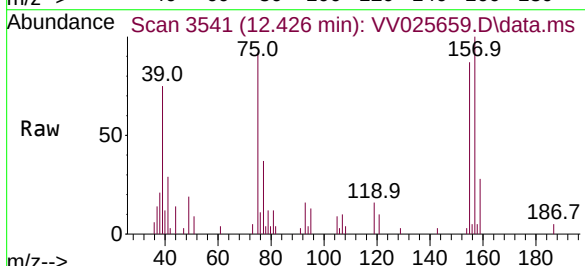
Tgt Ion: 75 Resp: 5762

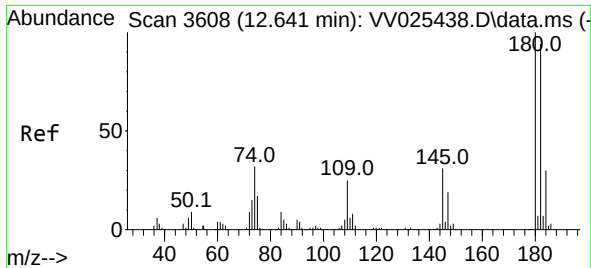
Ion Ratio Lower Upper

75 100

155 95.2 65.8 98.8

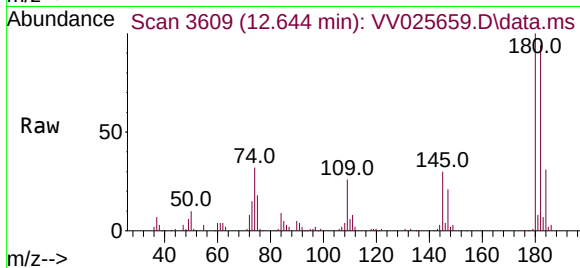
157 108.9 86.6 130.0



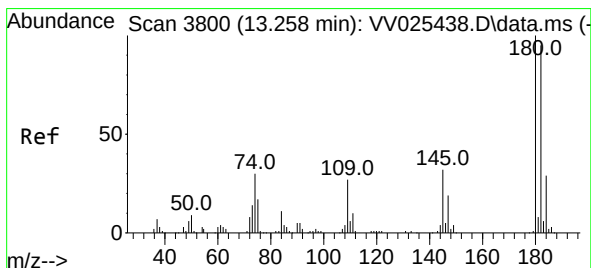
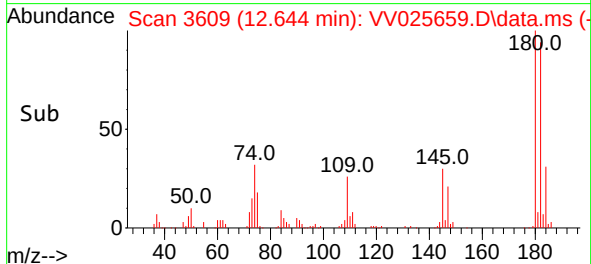
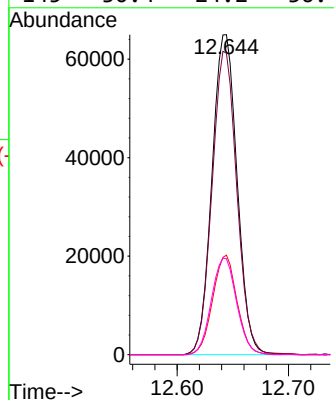


#69
 1,3,5-Trichlorobenzene
 Concen: 4.402 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV025659.D
 Acq: 21 Apr 2022 10:51

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005388

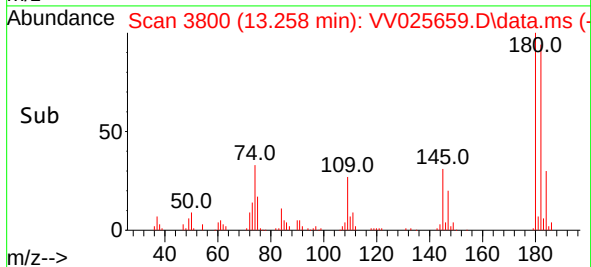
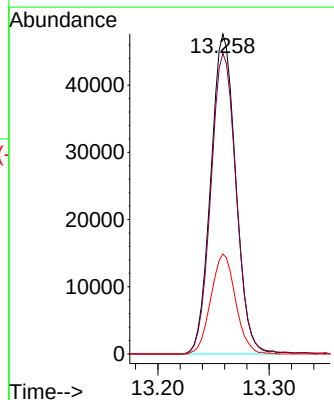
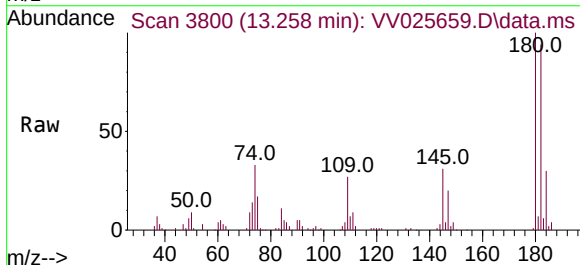


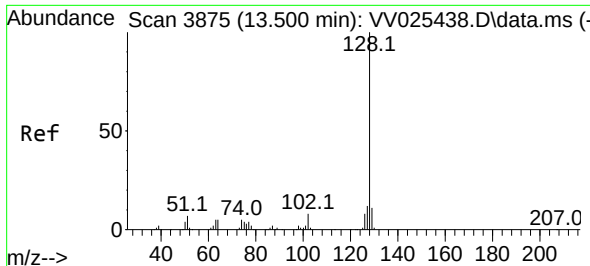
Tgt Ion:180 Resp: 101500
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.3 112.9
 184 30.3 23.4 35.2
 145 30.4 24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 4.165 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025659.D
 Acq: 21 Apr 2022 10:51

Tgt Ion:180 Resp: 74033
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.6 114.8
 145 31.0 24.6 36.8

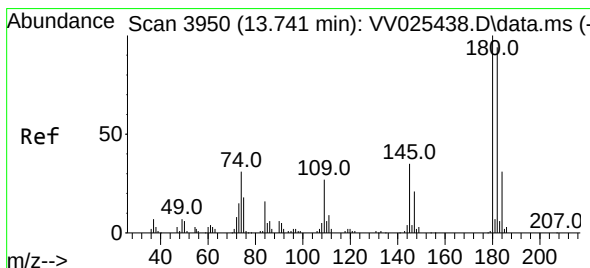
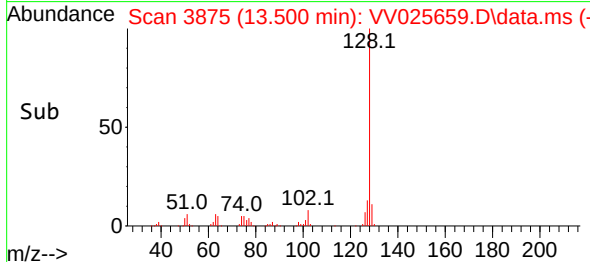
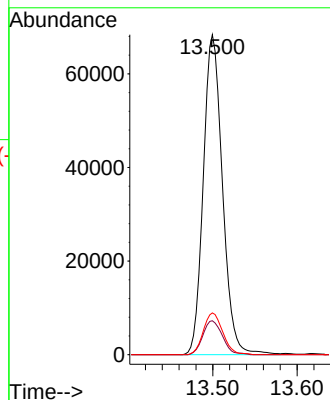
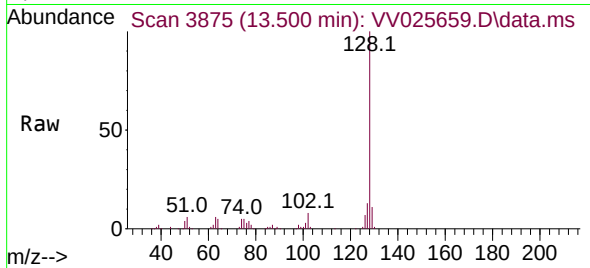




#71
Naphthalene
Concen: 4.163 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

Tgt Ion:128 Resp: 108555
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.2 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.378 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025659.D
Acq: 21 Apr 2022 10:51

Tgt Ion:180 Resp: 64438
Ion Ratio Lower Upper
180 100
182 91.8 77.7 116.5
145 32.0 27.4 41.2

