

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051622\
 Data File : VW025917.D
 Acq On : 16 May 2022 17:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005290

Quant Time: May 17 08:03:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 17 07:58:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	177433	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	180808	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	100274	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	70082	4.782	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.568	69	63252	5.041	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.111	63	161630	4.983	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.600%
20) 2-Butanone-d5	3.908	46	98765	58.197	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.400%
24) Chloroform-d	4.352	84	123167	5.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.034	65	51483	5.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.053	84	243853	5.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.072	67	70475	5.163	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.317	98	228743	5.241	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	7.622	79	19718	4.417	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.091	63	83784	50.549	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.100%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45963	5.227	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	67602	4.735	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	86952	4.544	ug/L	99
3) Chloromethane	1.243	50	115766	5.179	ug/L	99
5) Vinyl chloride	1.314	62	119991	5.104	ug/L	99
6) Bromomethane	1.523	94	54718	3.998	ug/L	99
8) Chloroethane	1.587	64	84100	5.515	ug/L	98
9) Trichlorofluoromethane	1.754	101	155041	4.942	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	80658	4.587	ug/L	99
12) 1,1-Dichloroethene	2.121	96	88084	5.165	ug/L	98
13) Acetone	2.195	43	98347	60.109	ug/L	74
14) Carbon disulfide	2.294	76	210357	4.788	ug/L	99
15) Methyl Acetate	2.449	43	22937	6.154	ug/L	99
16) Methylene chloride	2.510	84	83099	4.800	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	146058	5.368	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	75266	5.061	ug/L	97
19) 1,1-Dichloroethane	3.191	63	151814	5.393	ug/L	98
21) 2-Butanone	3.989	43	139771	59.488	ug/L	88
22) cis-1,2-Dichloroethene	3.915	96	79270	5.218	ug/L	100
23) Bromochloromethane	4.249	128	34229	5.327	ug/L	95
25) Chloroform	4.378	83	153667	5.385	ug/L	98

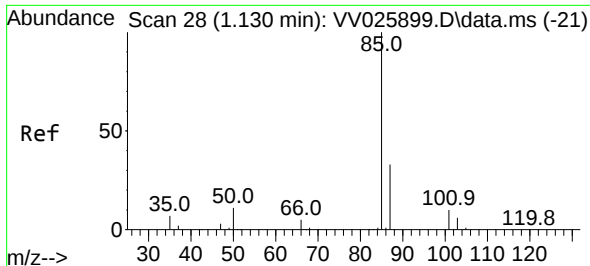
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	83929	5.580	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	130057	5.275	ug/L	98
30) Cyclohexane	4.680	56	100402	4.573	ug/L	99
31) Carbon tetrachloride	4.828	117	105028	5.033	ug/L	99
33) Benzene	5.101	78	329141	5.375	ug/L	100
34) Trichloroethene	5.915	95	76676	4.903	ug/L	99
35) Methylcyclohexane	6.130	83	103133	4.295	ug/L	99
37) 1,2-Dichloropropane	6.175	63	81757	5.660	ug/L	99
38) Bromodichloromethane	6.510	83	97912	5.393	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	82556	4.428	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	373809	55.948	ug/L	97
42) Toluene	7.387	91	340024	5.334	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	66877	4.397	ug/L	95
45) 1,1,2-Trichloroethane	7.837	97	53342	5.379	ug/L	93
47) Tetrachloroethene	7.976	164	56069	4.627	ug/L	98
48) 2-Hexanone	8.140	43	270970	57.368	ug/L	99
49) Dibromochloromethane	8.246	129	53914	4.976	ug/L	100
50) 1,2-Dibromoethane	8.352	107	46806	5.310	ug/L	97
51) Chlorobenzene	8.882	112	207327	5.014	ug/L	99
52) Ethylbenzene	9.011	91	330816	4.934	ug/L	99
53) m,p-Xylene	9.136	106	132983	5.136	ug/L	97
54) o-Xylene	9.545	106	127082	5.154	ug/L	99
55) Styrene	9.561	104	223623	5.397	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	60328	5.631	ug/L	96
59) Bromoform	9.731	173	23347	4.489	ug/L	98
60) Isopropylbenzene	9.931	105	331029	4.940	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	43246	5.180	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	133379	4.660	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	253459	4.830	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	152567	4.811	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	150560	4.664	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	139395	4.893	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	7781	4.812	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	101616	4.302	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	77998	4.353	ug/L	99
71) Naphthalene	13.503	128	118818	4.428	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	68783	4.443	ug/L	99

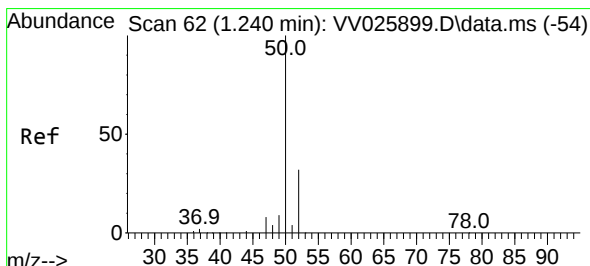
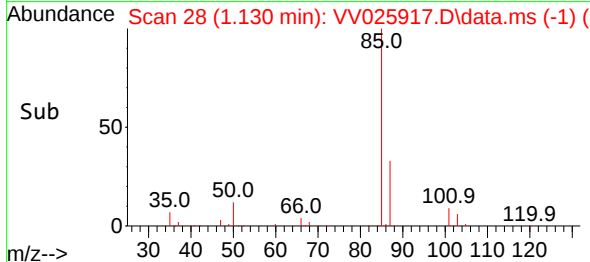
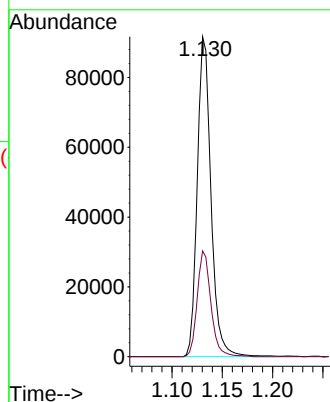
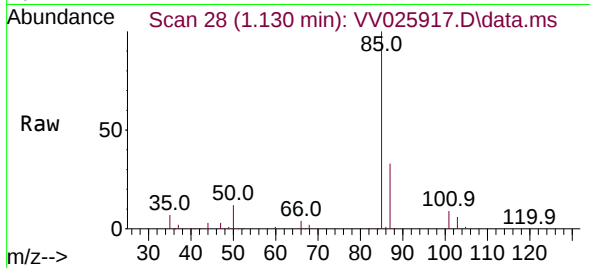
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.544 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV025917.D
 Acq: 16 May 2022 17:30

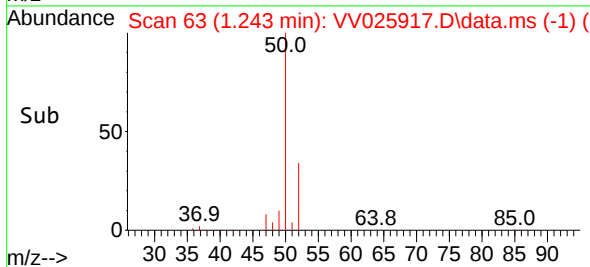
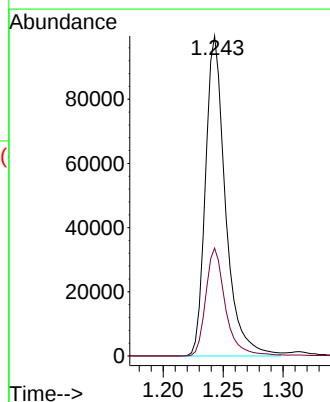
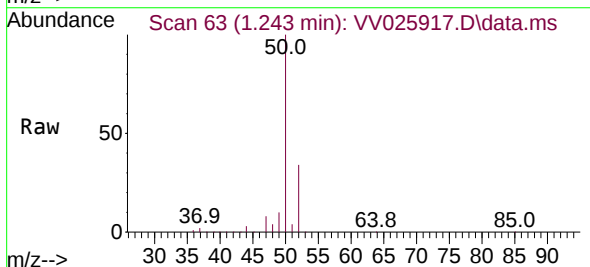
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005290

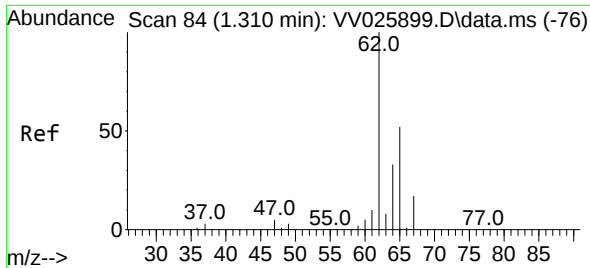
Tgt Ion: 85 Resp: 86952
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0



#3
 Chloromethane
 Concen: 5.179 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV025917.D
 Acq: 16 May 2022 17:30

Tgt Ion: 50 Resp: 115766
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.9 44.3

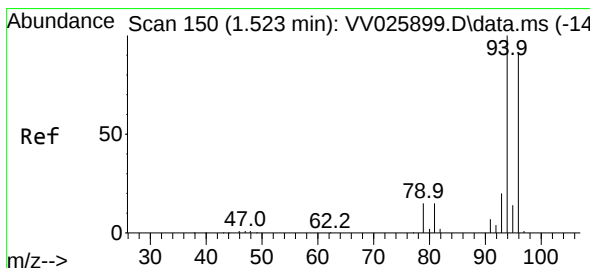
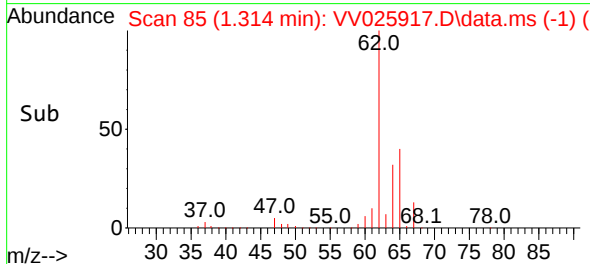
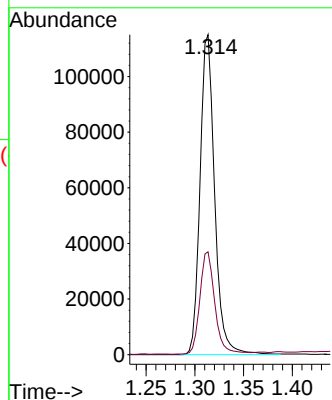
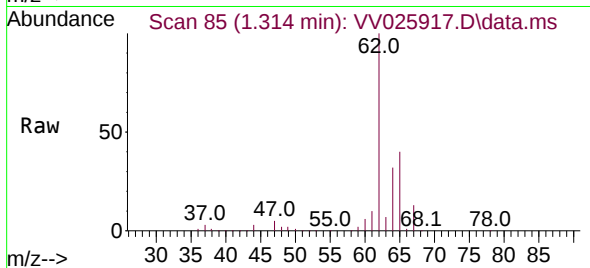




#5
 Vinyl chloride
 Concen: 5.104 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025917.D
 Acq: 16 May 2022 17:30

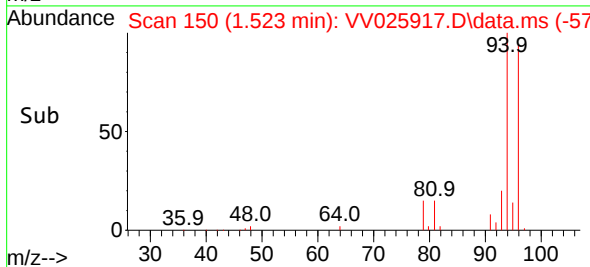
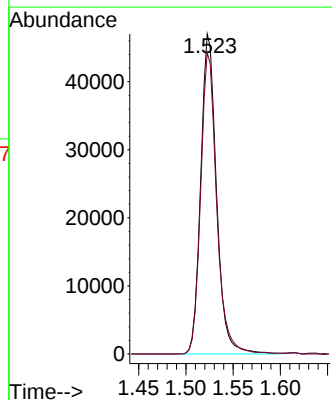
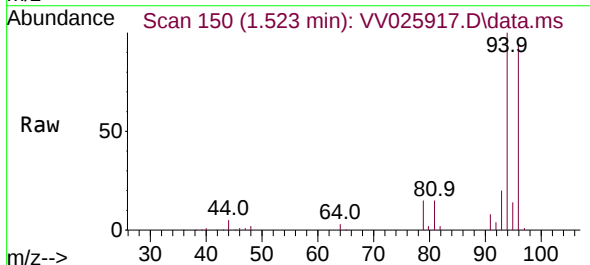
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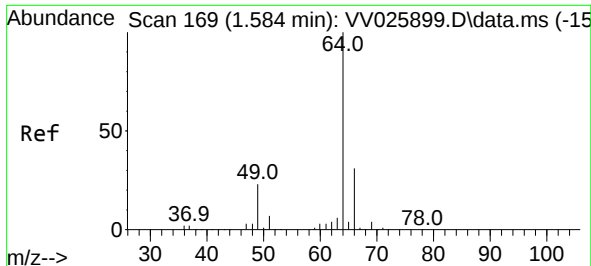
Tgt Ion: 62 Resp: 119991
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.9 42.5



#6
 Bromomethane
 Concen: 3.998 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV025917.D
 Acq: 16 May 2022 17:30

Tgt Ion: 94 Resp: 54718
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.4 121.4

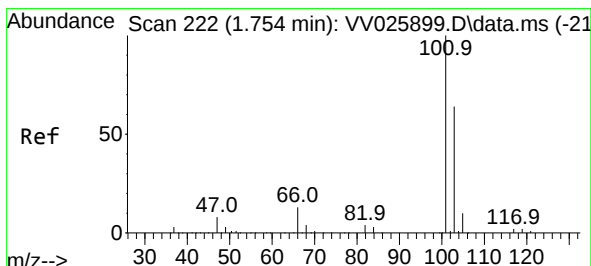
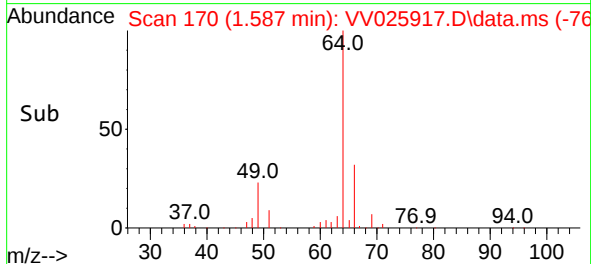
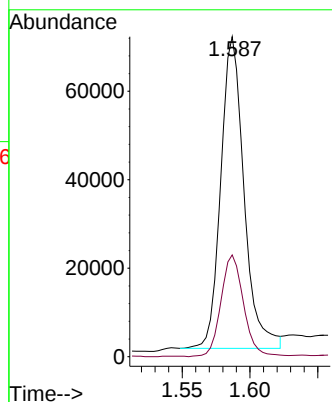
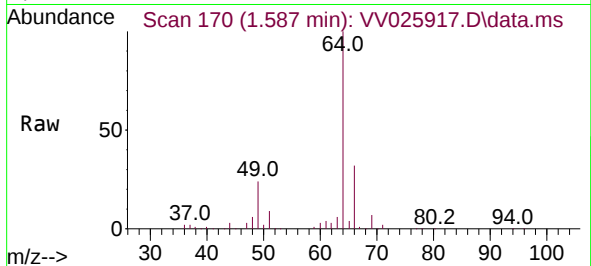




#8
Chloroethane
Concen: 5.515 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

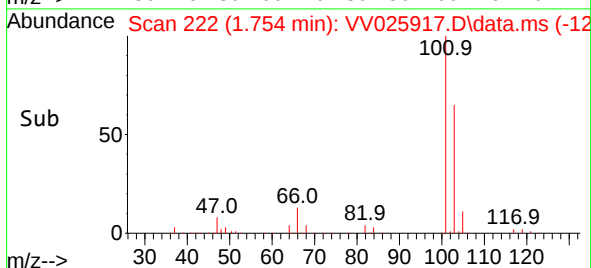
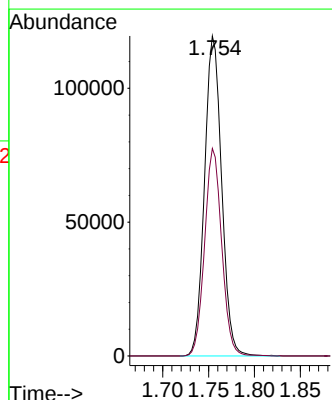
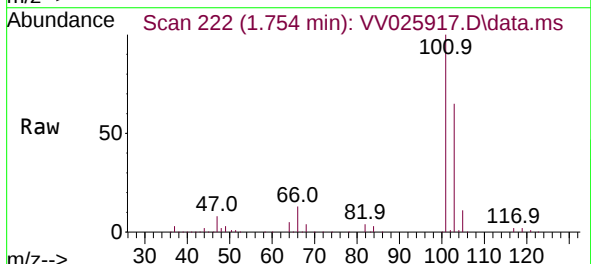
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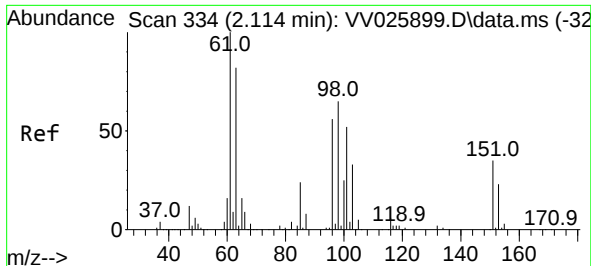
Tgt Ion: 64 Resp: 84100
Ion Ratio Lower Upper
64 100
66 31.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.942 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

Tgt Ion: 101 Resp: 155041
Ion Ratio Lower Upper
101 100
103 64.7 50.6 76.0

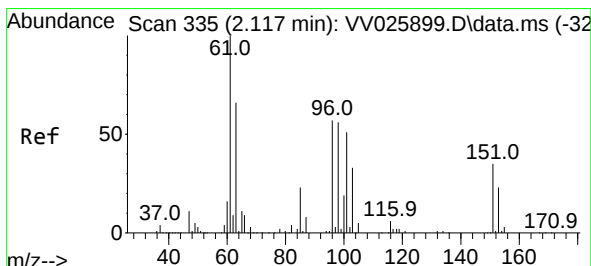
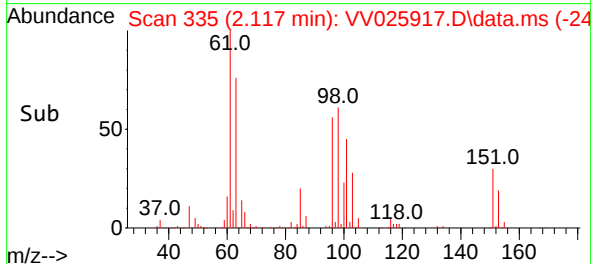
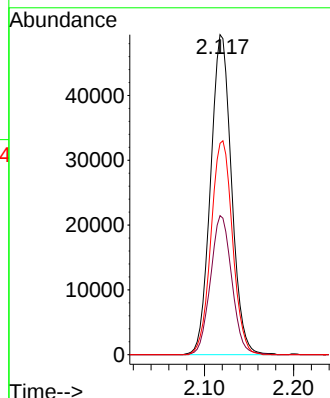
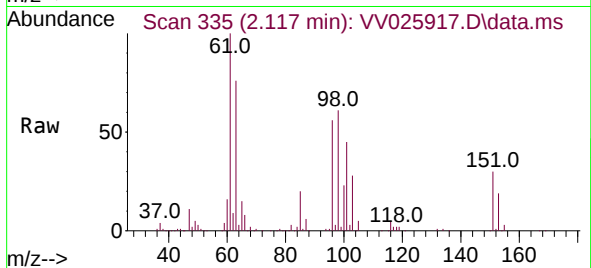




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.587 ug/L
 RT: 2.117 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV025917.D
 Acq: 16 May 2022 17:30

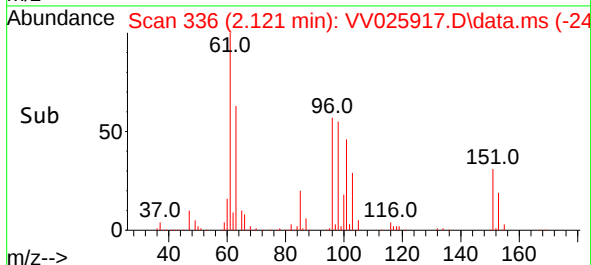
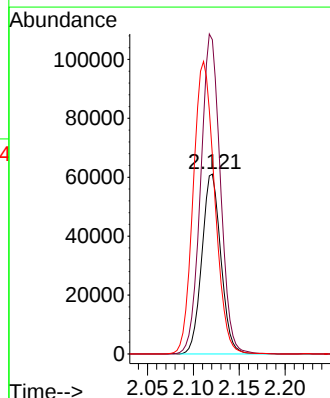
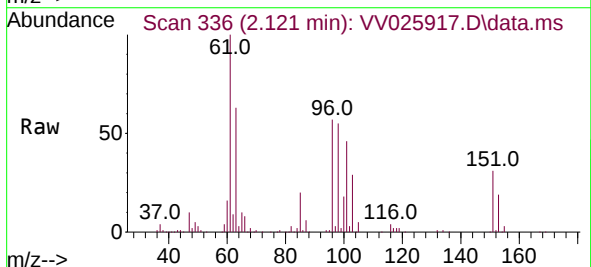
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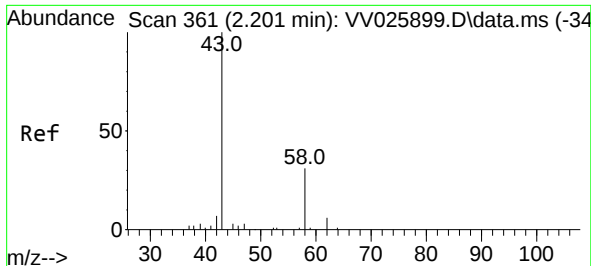
Tgt Ion:101 Resp: 80658
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.7 53.5
 151 68.6 54.1 81.1



#12
 1,1-Dichloroethene
 Concen: 5.165 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025917.D
 Acq: 16 May 2022 17:30

Tgt Ion: 96 Resp: 88084
 Ion Ratio Lower Upper
 96 100
 61 174.7 119.8 222.6
 63 110.7 78.3 145.3





#13

Acetone

Concen: 60.109 ug/L

RT: 2.195 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV025917.D

Acq: 16 May 2022 17:30

Instrument :

MSVOA_V

ClientSampleId :

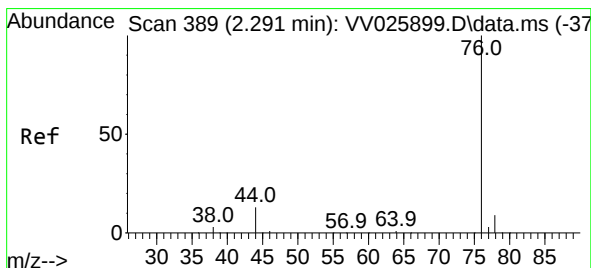
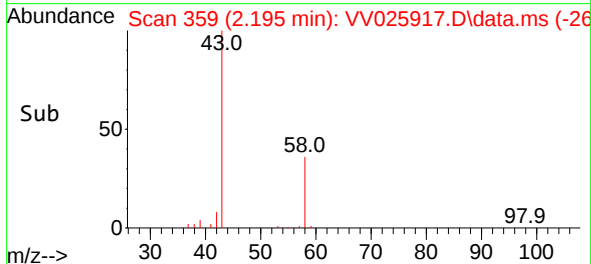
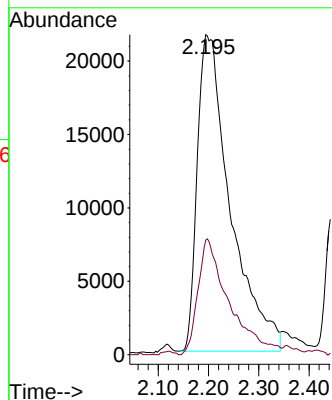
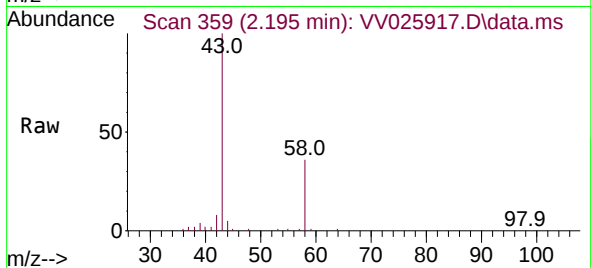
VSTD005290

Tgt Ion: 43 Resp: 98347

Ion Ratio Lower Upper

43 100

58 34.5 0.0 44.6



#14

Carbon disulfide

Concen: 4.788 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV025917.D

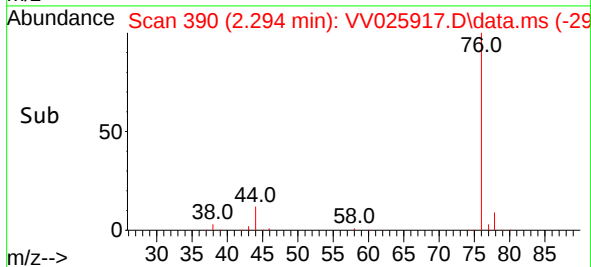
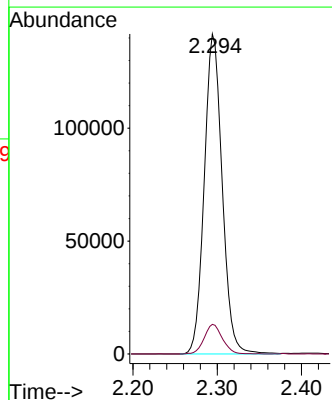
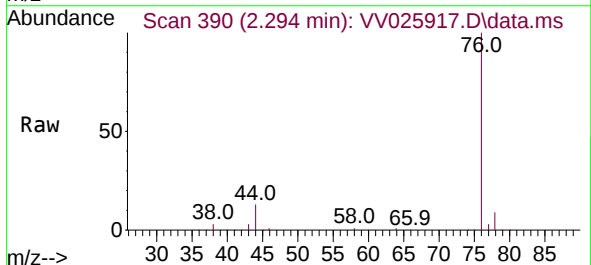
Acq: 16 May 2022 17:30

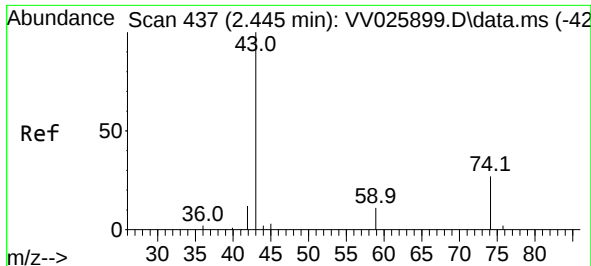
Tgt Ion: 76 Resp: 210357

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6

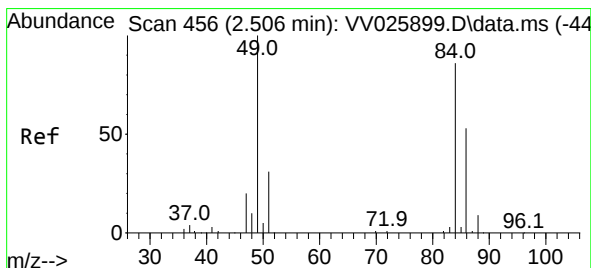
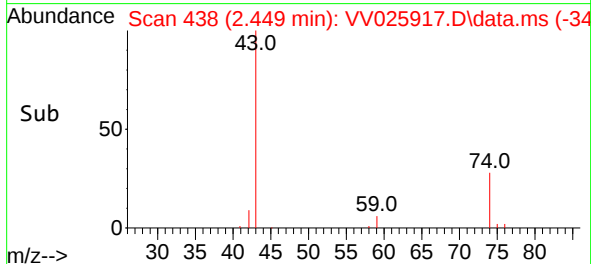
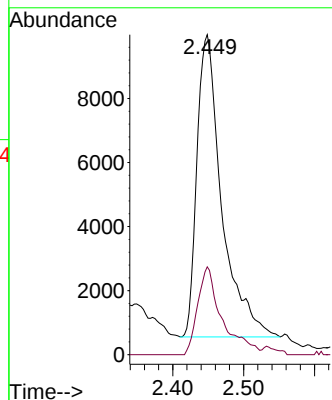
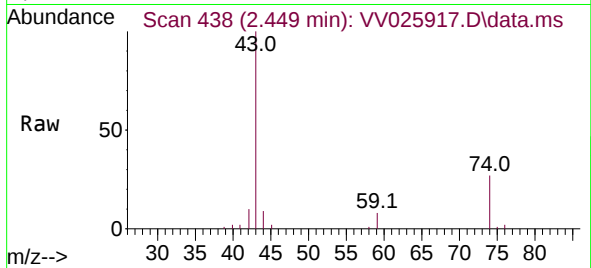




#15
Methyl Acetate
Concen: 6.154 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

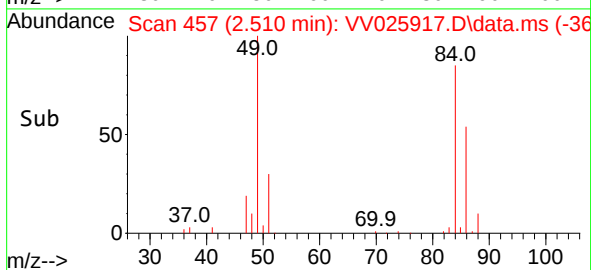
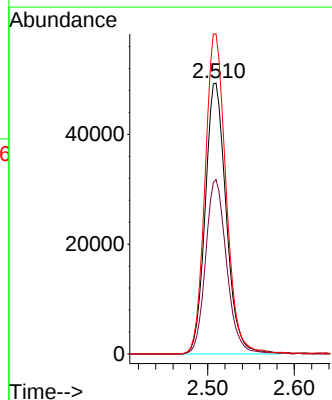
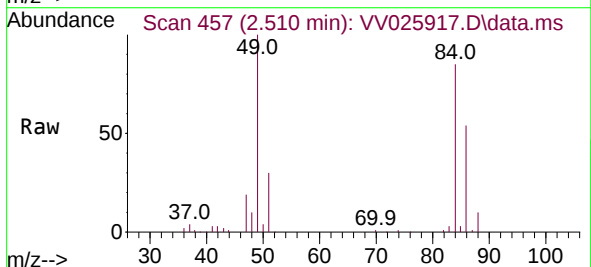
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

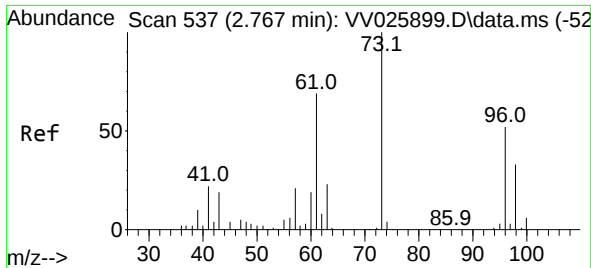
Tgt Ion: 43 Resp: 22937
Ion Ratio Lower Upper
43 100
74 28.4 23.3 34.9



#16
Methylene chloride
Concen: 4.800 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

Tgt Ion: 84 Resp: 83099
Ion Ratio Lower Upper
84 100
86 64.4 45.4 84.2
49 118.1 85.6 159.0

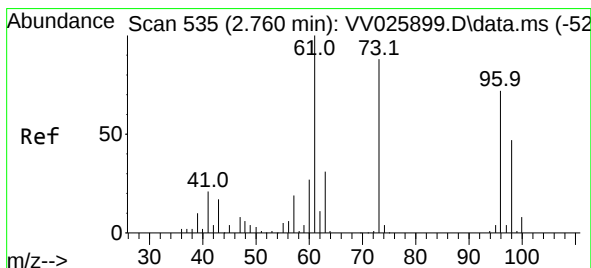
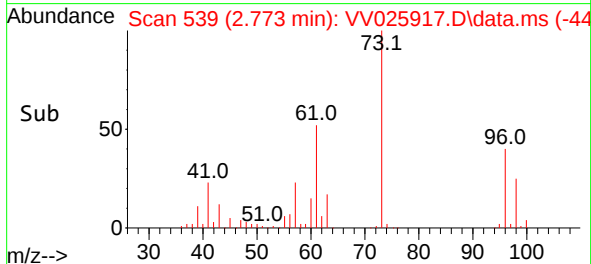
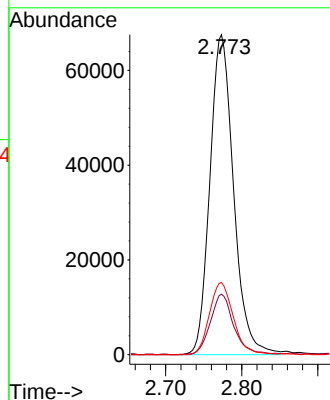
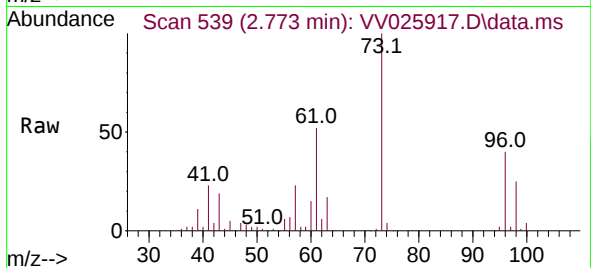




#17
Methyl tert-butyl Ether
Concen: 5.368 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

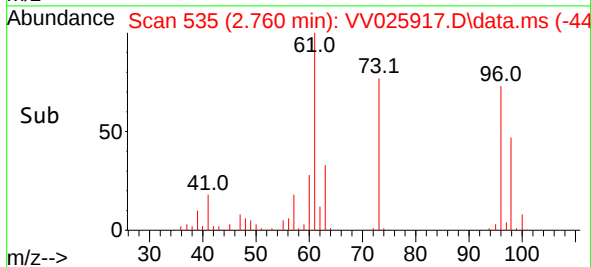
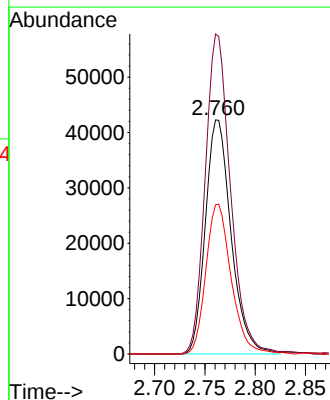
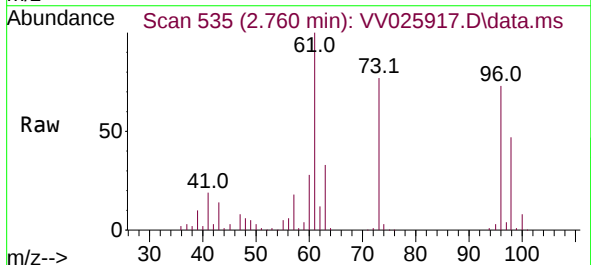
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

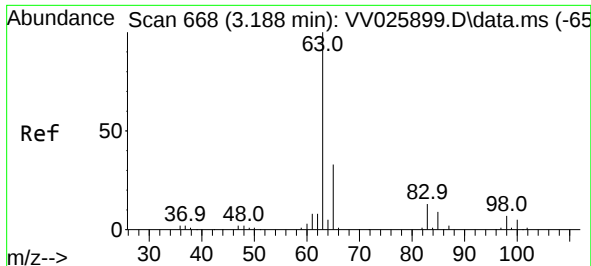
Tgt Ion: 73 Resp: 146058
Ion Ratio Lower Upper
73 100
43 18.9 14.6 22.0
57 22.7 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.061 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

Tgt Ion: 96 Resp: 75266
Ion Ratio Lower Upper
96 100
61 136.7 93.6 173.8
98 63.7 42.8 79.4





#19

1,1-Dichloroethane

Concen: 5.393 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025917.D

Acq: 16 May 2022 17:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005290

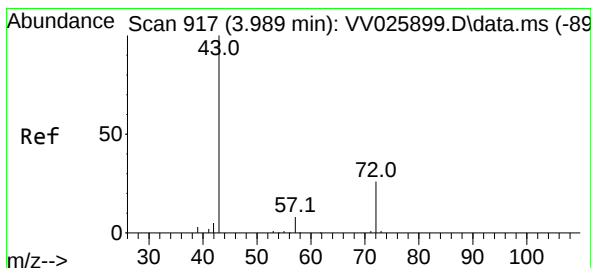
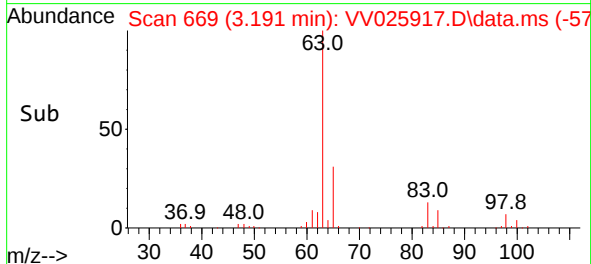
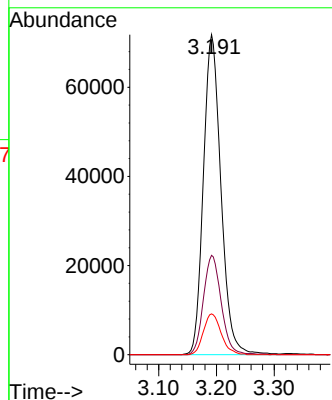
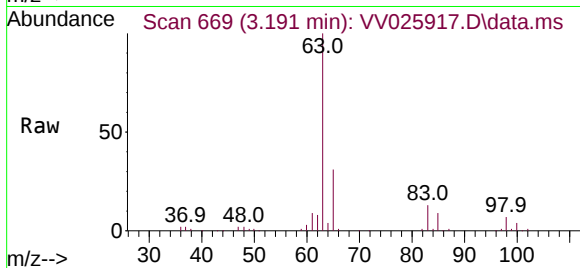
Tgt Ion: 63 Resp: 151814

Ion Ratio Lower Upper

63 100

65 31.0 22.3 41.5

83 12.8 10.0 18.6



#21

2-Butanone

Concen: 59.488 ug/L

RT: 3.989 min Scan# 917

Delta R.T. 0.000 min

Lab File: VV025917.D

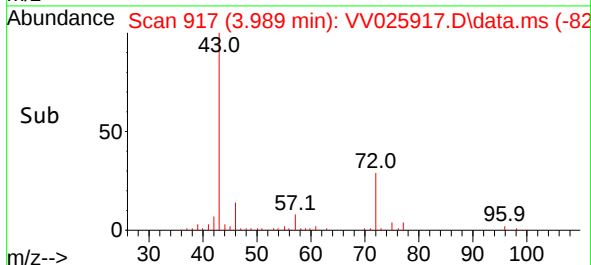
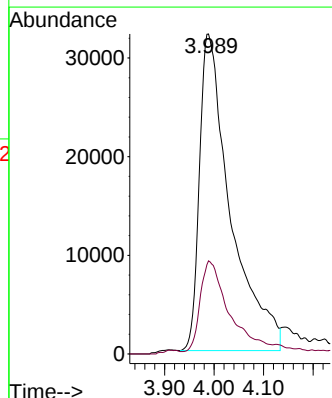
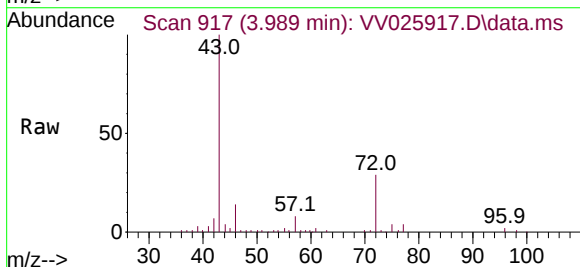
Acq: 16 May 2022 17:30

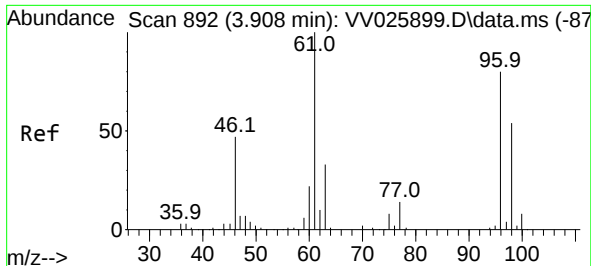
Tgt Ion: 43 Resp: 139771

Ion Ratio Lower Upper

43 100

72 26.6 10.5 31.6





#22

cis-1,2-Dichloroethene

Concen: 5.218 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.006 min

Lab File: VV025917.D

Acq: 16 May 2022 17:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005290

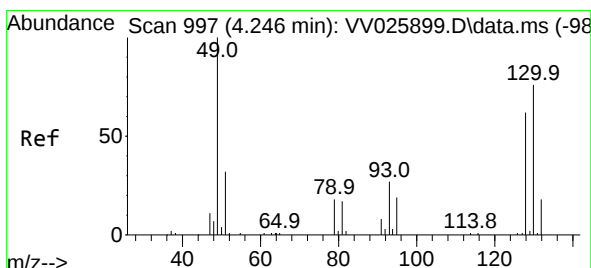
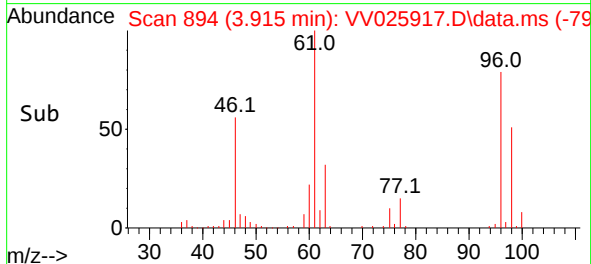
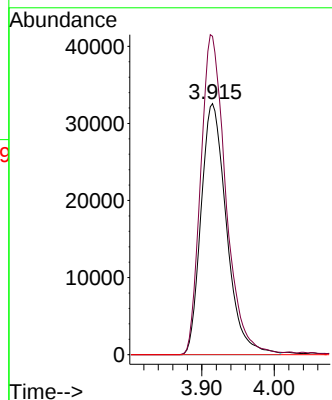
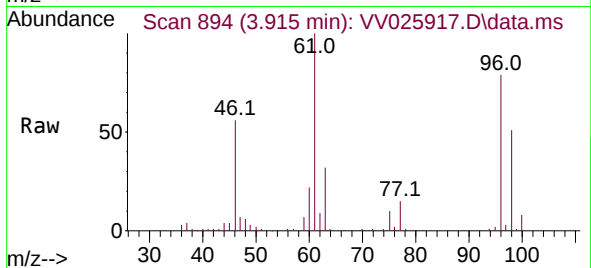
Tgt Ion: 96 Resp: 79270

Ion Ratio Lower Upper

96 100

61 126.9 88.9 165.1

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.327 ug/L

RT: 4.249 min Scan# 998

Delta R.T. 0.003 min

Lab File: VV025917.D

Acq: 16 May 2022 17:30

Tgt Ion: 128 Resp: 34229

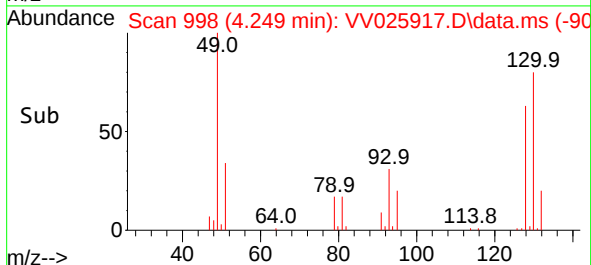
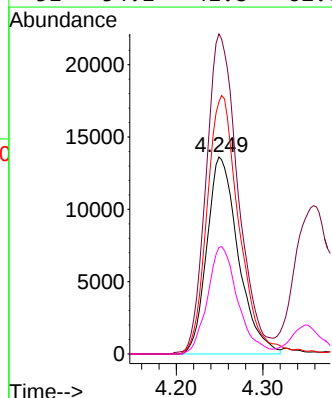
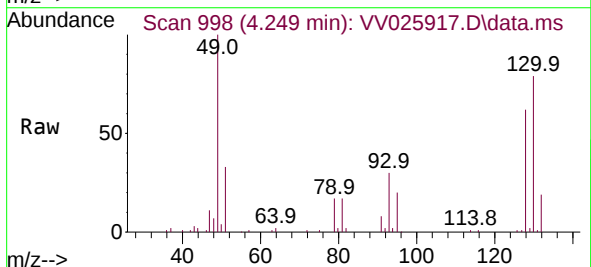
Ion Ratio Lower Upper

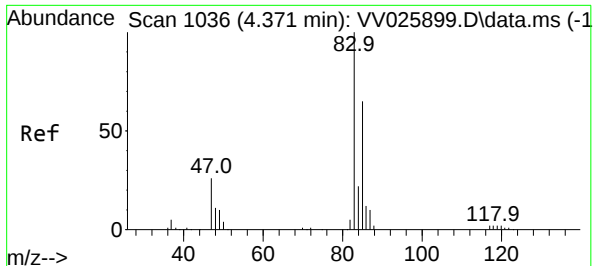
128 100

49 162.5 121.0 224.8

130 128.0 90.8 168.6

51 54.1 41.8 62.6





#25

Chloroform

Concen: 5.385 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025917.D

Acq: 16 May 2022 17:30

Instrument :

MSVOA_V

ClientSampleId :

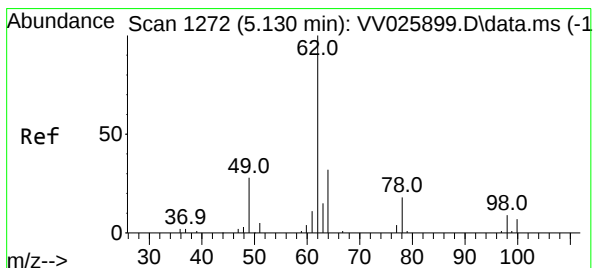
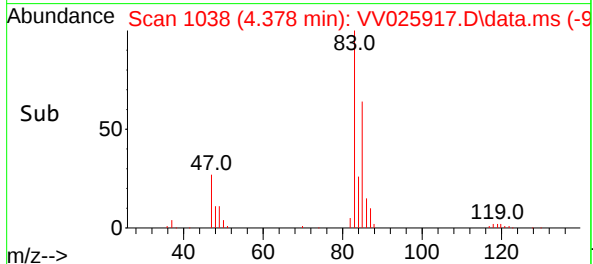
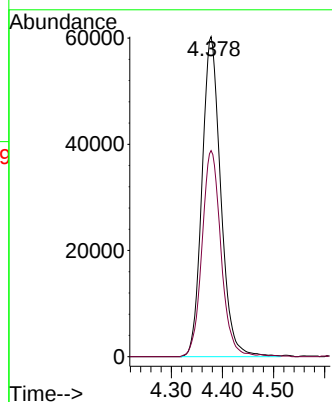
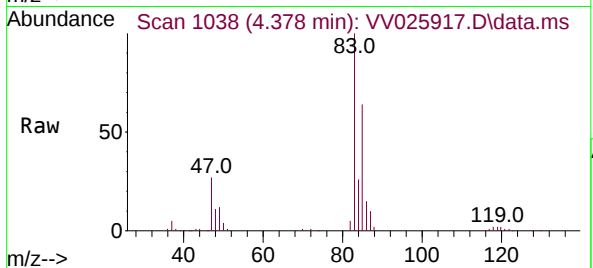
VSTD005290

Tgt Ion: 83 Resp: 153667

Ion Ratio Lower Upper

83 100

85 64.4 46.1 85.7



#27

1,2-Dichloroethane

Concen: 5.580 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV025917.D

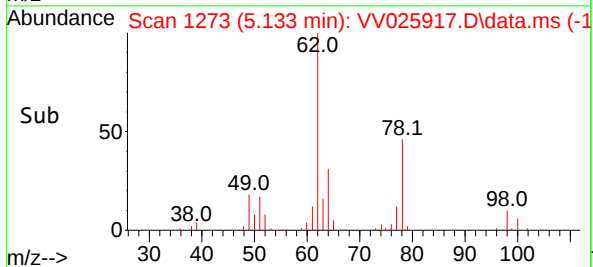
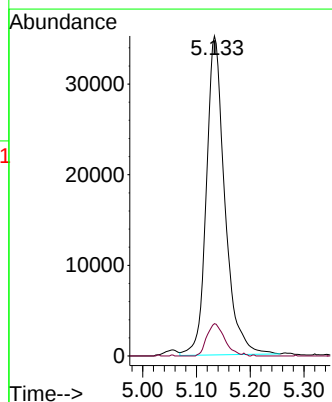
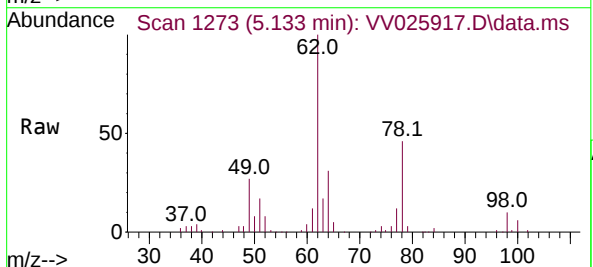
Acq: 16 May 2022 17:30

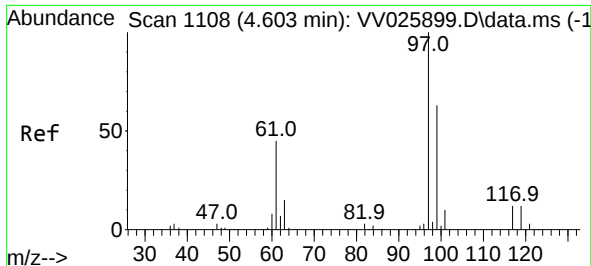
Tgt Ion: 62 Resp: 83929

Ion Ratio Lower Upper

62 100

98 10.1 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.275 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV025917.D

Acq: 16 May 2022 17:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005290

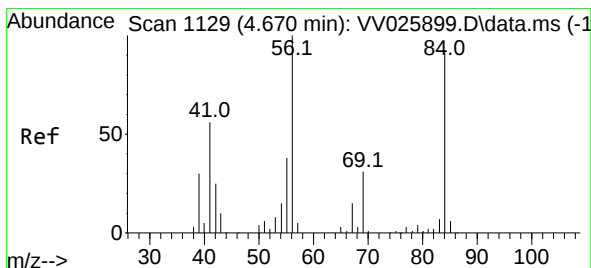
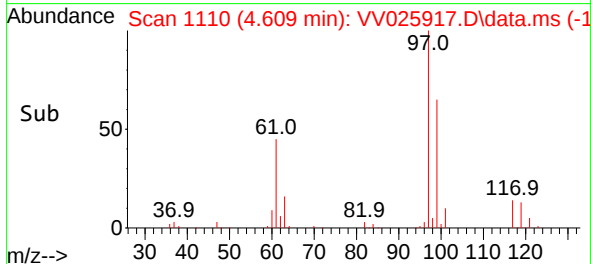
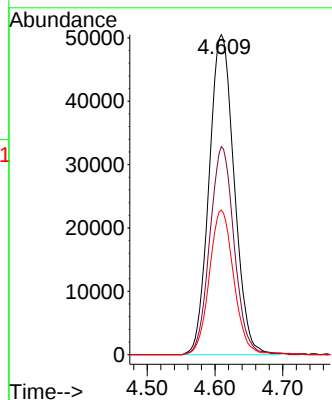
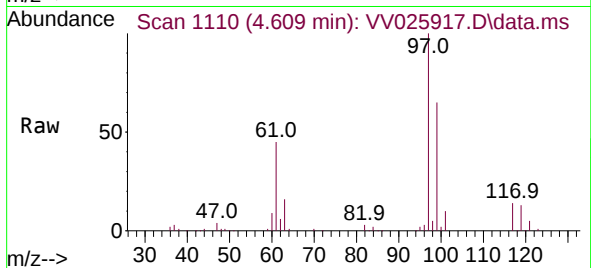
Tgt Ion: 97 Resp: 130057

Ion Ratio Lower Upper

97 100

99 63.1 51.0 76.6

61 43.7 36.3 54.5



#30

Cyclohexane

Concen: 4.573 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.010 min

Lab File: VV025917.D

Acq: 16 May 2022 17:30

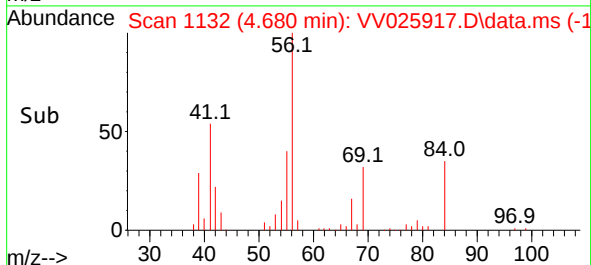
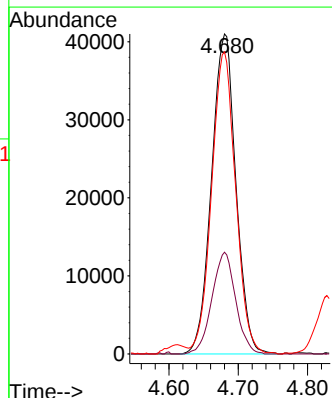
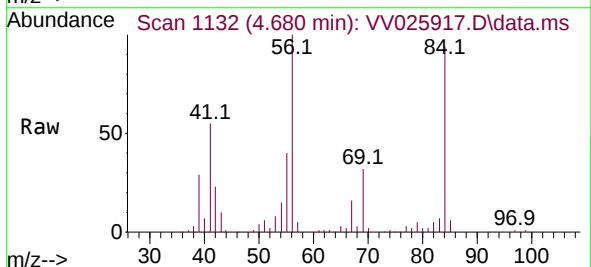
Tgt Ion: 56 Resp: 100402

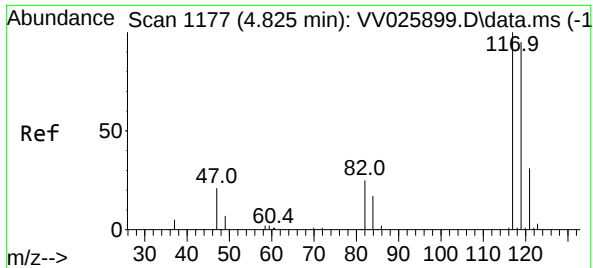
Ion Ratio Lower Upper

56 100

69 30.8 24.6 37.0

84 92.3 75.0 112.4

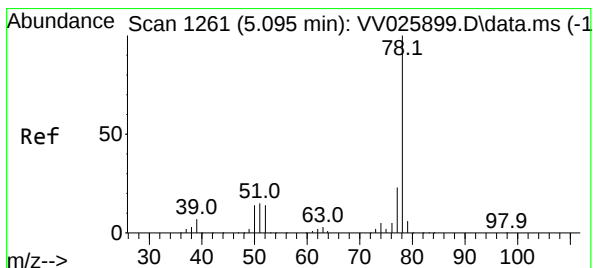
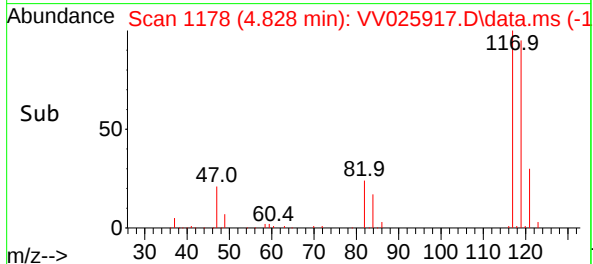
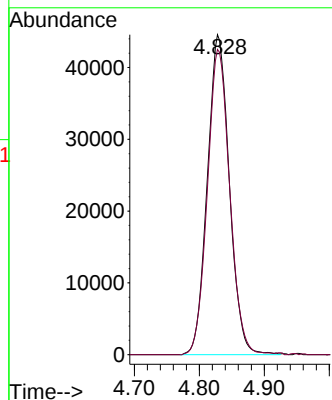
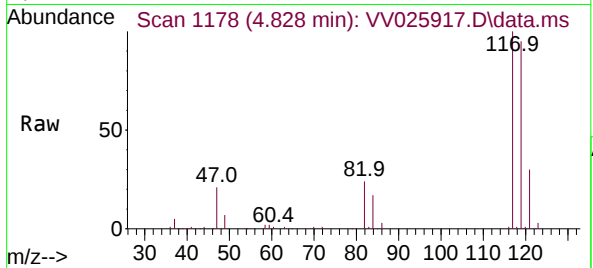




#31
Carbon tetrachloride
Concen: 5.033 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

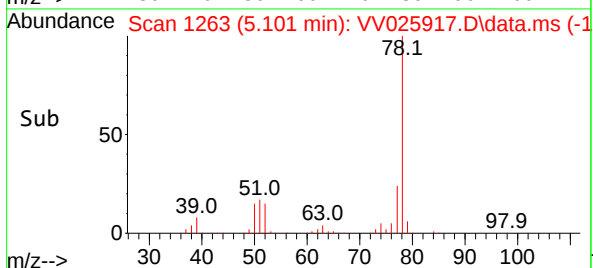
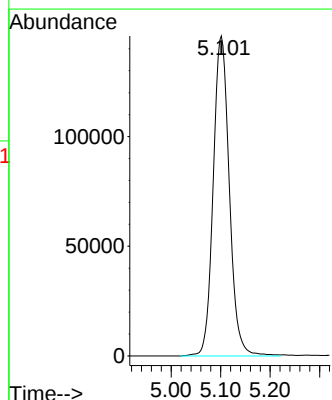
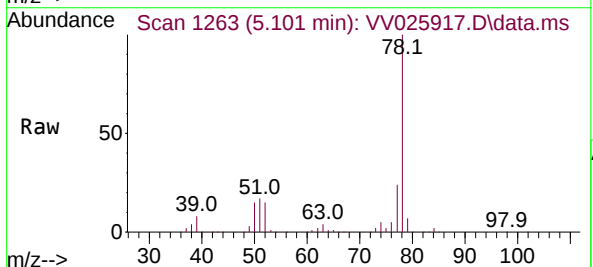
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

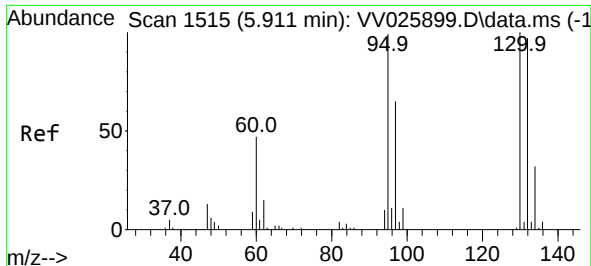
Tgt Ion:117 Resp: 105028
Ion Ratio Lower Upper
117 100
119 97.0 77.0 115.6



#33
Benzene
Concen: 5.375 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

Tgt Ion: 78 Resp: 329141

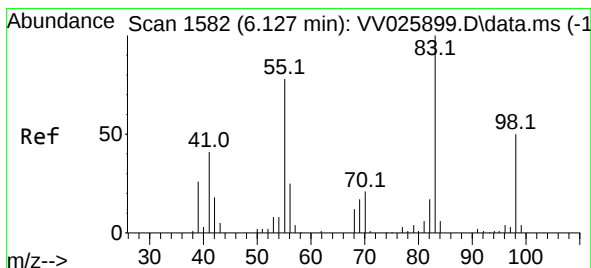
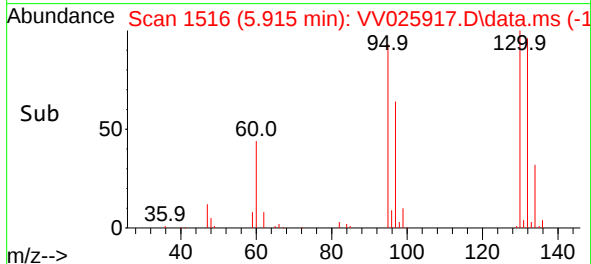
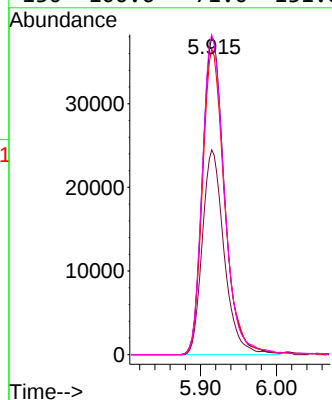
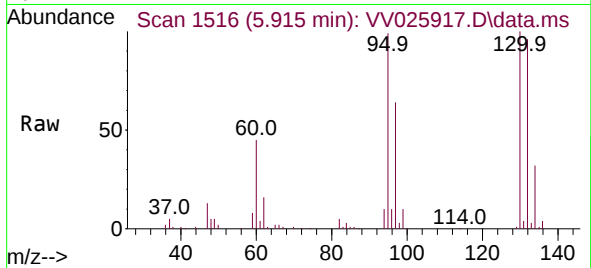




#34
Trichloroethene
Concen: 4.903 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

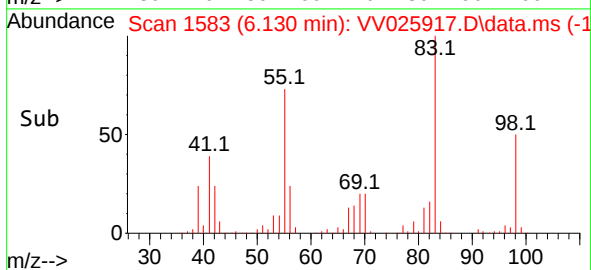
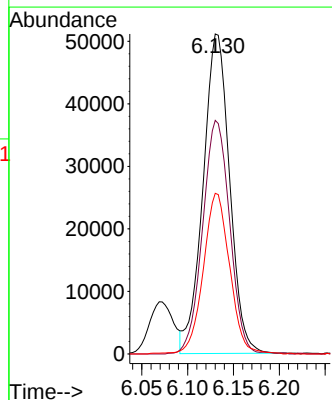
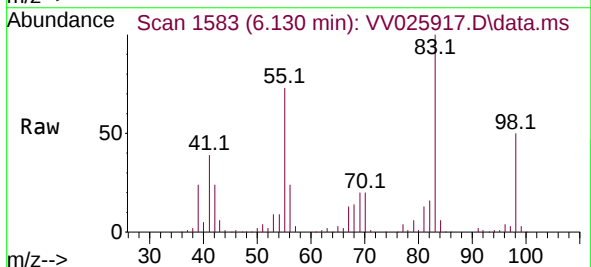
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

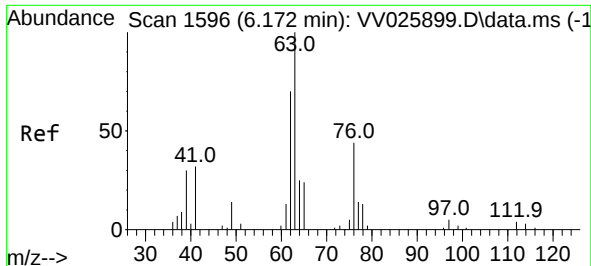
Tgt Ion: 95 Resp: 76676
Ion Ratio Lower Upper
95 100
97 64.4 44.9 83.3
132 96.2 67.6 125.6
130 100.6 71.0 131.8



#35
Methylcyclohexane
Concen: 4.295 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

Tgt Ion: 83 Resp: 103133
Ion Ratio Lower Upper
83 100
55 74.5 60.1 90.1
98 50.0 40.6 61.0





#37

1,2-Dichloropropane

Concen: 5.660 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025917.D

Acq: 16 May 2022 17:30

Instrument :

MSVOA_V

ClientSampleId :

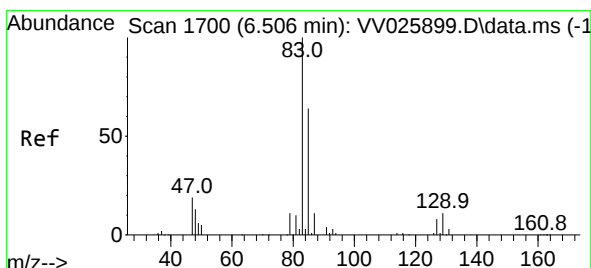
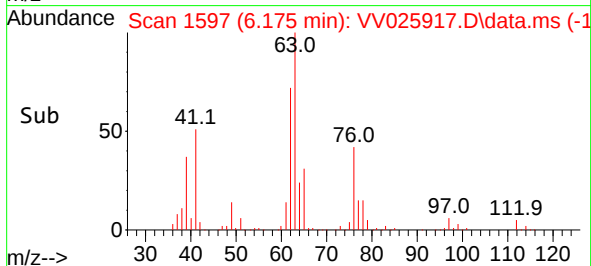
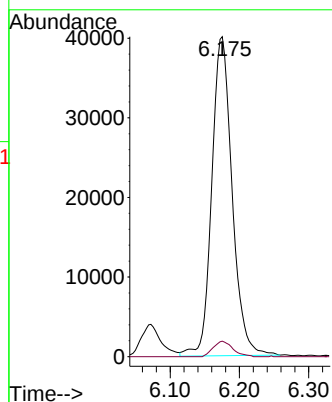
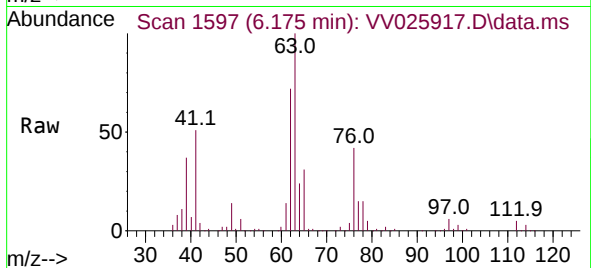
VSTD005290

Tgt Ion: 63 Resp: 81757

Ion Ratio Lower Upper

63 100

112 4.7 3.9 5.9



#38

Bromodichloromethane

Concen: 5.393 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025917.D

Acq: 16 May 2022 17:30

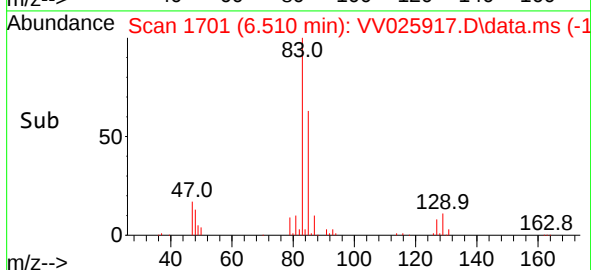
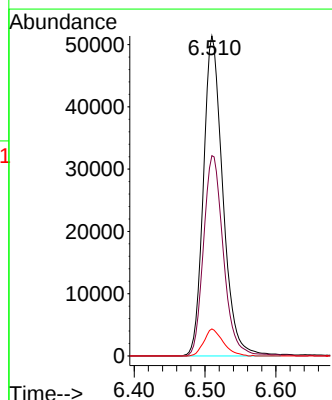
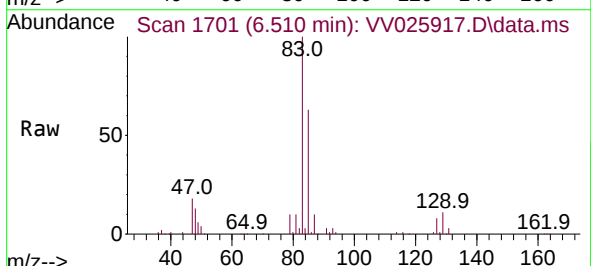
Tgt Ion: 83 Resp: 97912

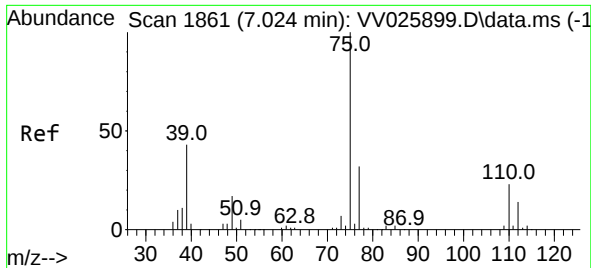
Ion Ratio Lower Upper

83 100

85 62.6 46.1 85.5

127 8.4 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.428 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV025917.D

Acq: 16 May 2022 17:30

Instrument :

MSVOA_V

ClientSampleId :

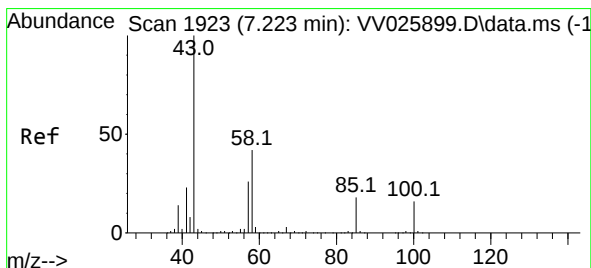
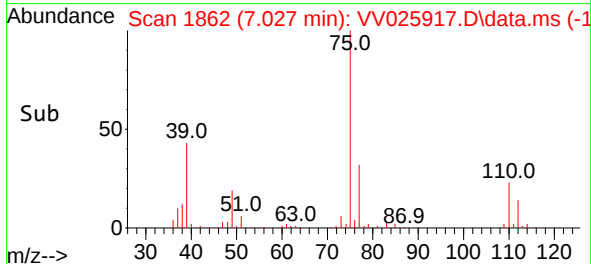
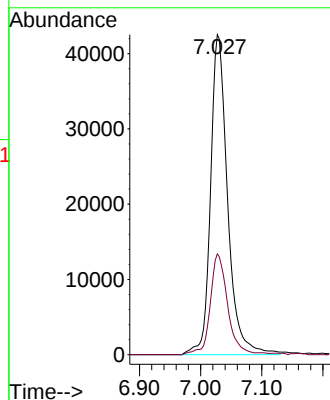
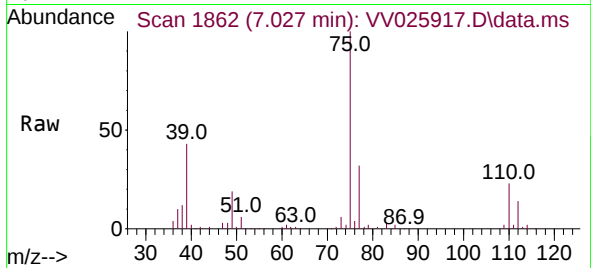
VSTD005290

Tgt Ion: 75 Resp: 82556

Ion Ratio Lower Upper

75 100

77 31.5 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 55.948 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025917.D

Acq: 16 May 2022 17:30

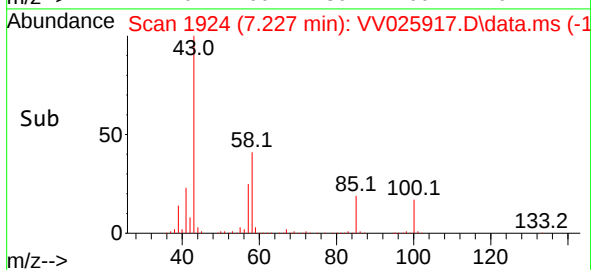
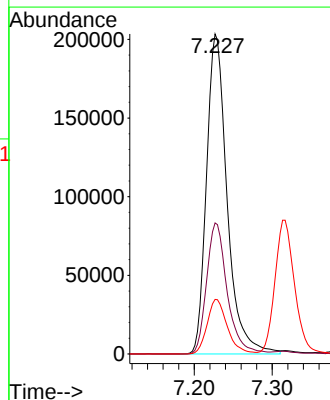
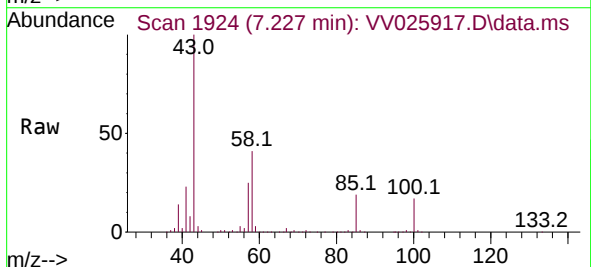
Tgt Ion: 43 Resp: 373809

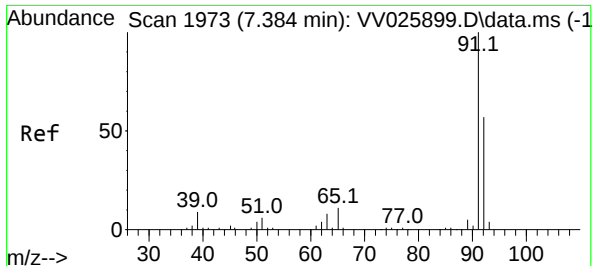
Ion Ratio Lower Upper

43 100

58 41.0 31.6 47.4

100 16.7 12.2 18.4





#42

Toluene

Concen: 5.334 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025917.D

Acq: 16 May 2022 17:30

Instrument :

MSVOA_V

ClientSampleId :

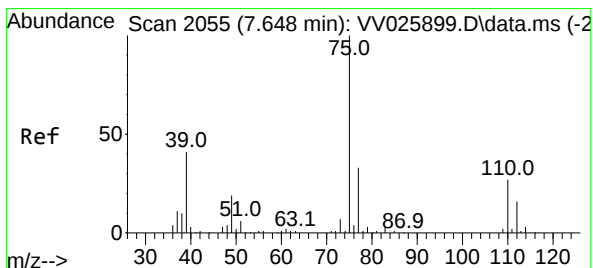
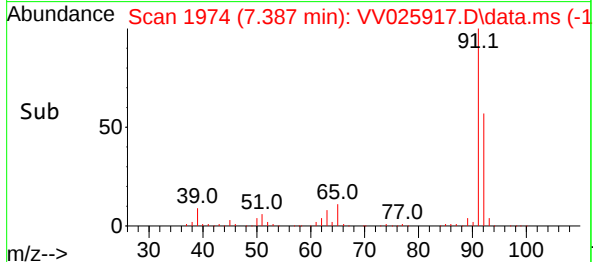
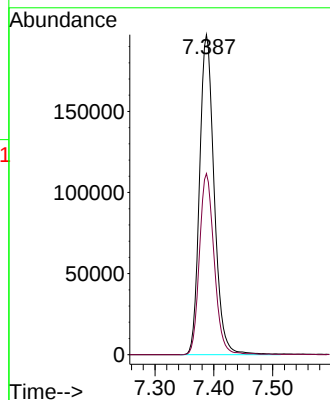
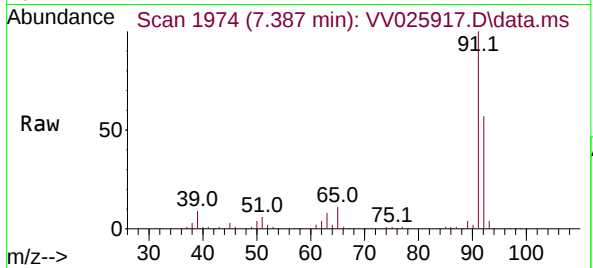
VSTD005290

Tgt Ion: 91 Resp: 340024

Ion Ratio Lower Upper

91 100

92 56.6 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 4.397 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025917.D

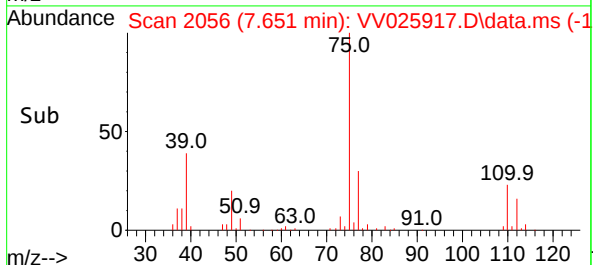
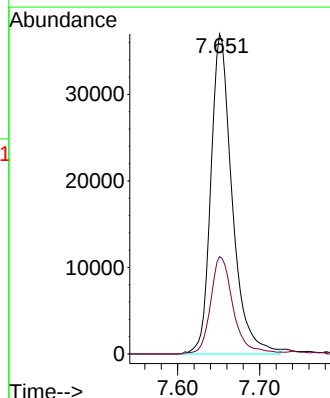
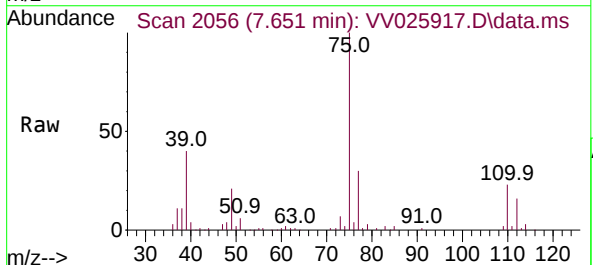
Acq: 16 May 2022 17:30

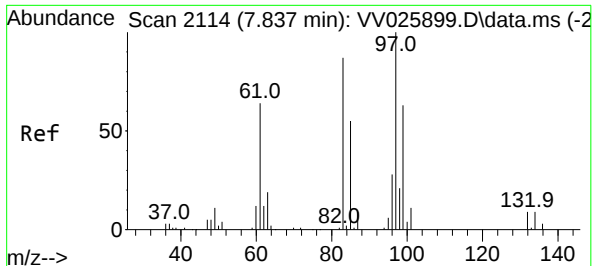
Tgt Ion: 75 Resp: 66877

Ion Ratio Lower Upper

75 100

77 30.4 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 5.379 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV025917.D

Acq: 16 May 2022 17:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005290

Tgt Ion: 97 Resp: 53342

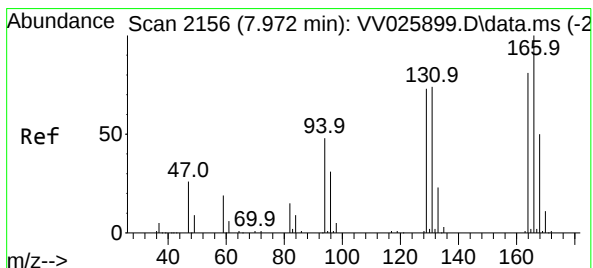
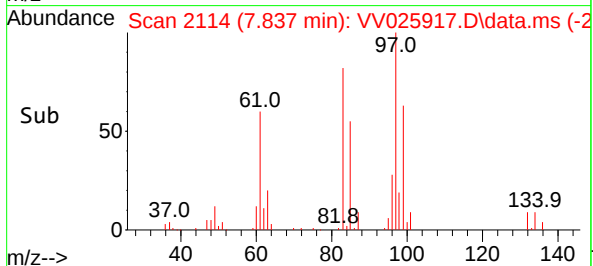
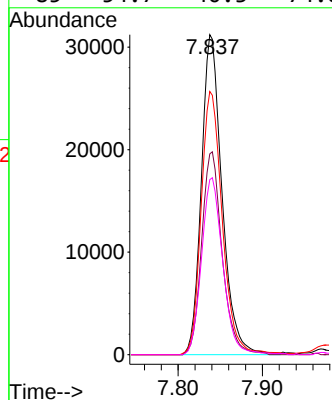
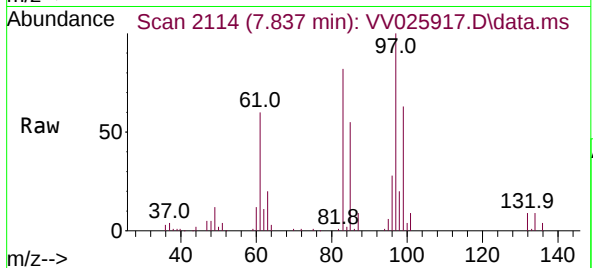
Ion Ratio Lower Upper

97 100

99 62.8 44.8 83.2

83 82.2 65.7 121.9

85 54.7 40.3 74.8



#47

Tetrachloroethene

Concen: 4.627 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025917.D

Acq: 16 May 2022 17:30

Tgt Ion:164 Resp: 56069

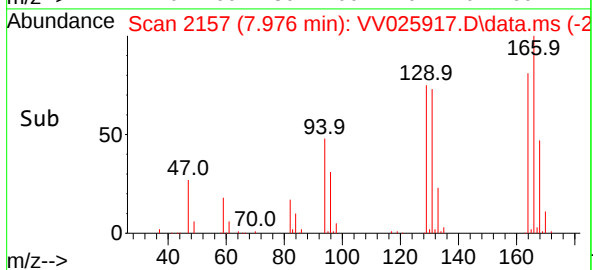
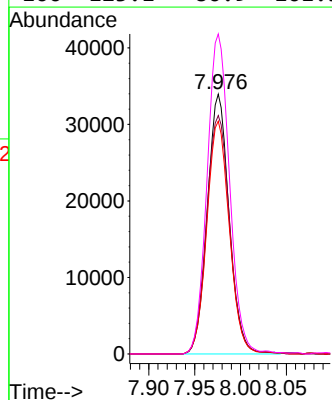
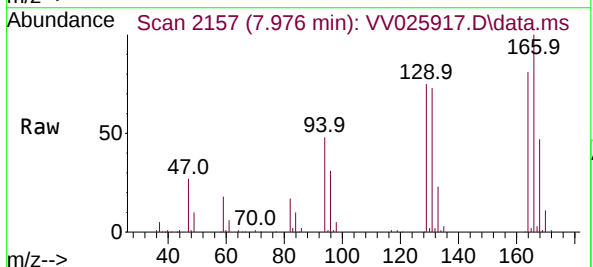
Ion Ratio Lower Upper

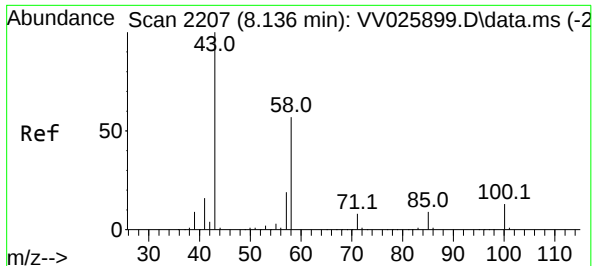
164 100

129 91.7 67.5 125.4

131 89.6 63.8 118.4

166 123.1 86.9 161.3

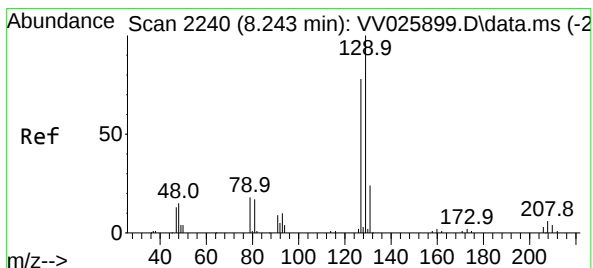
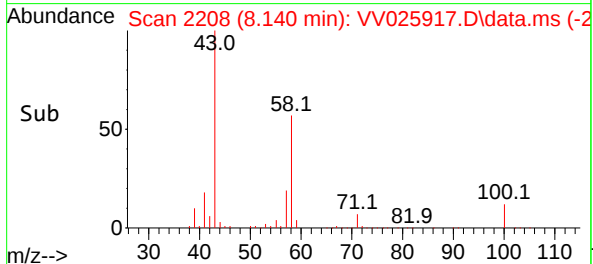
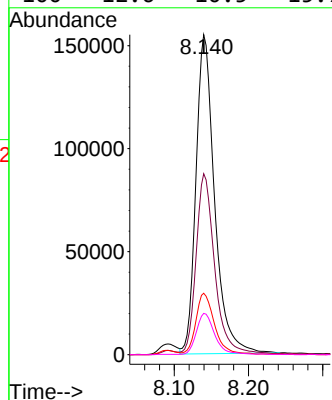
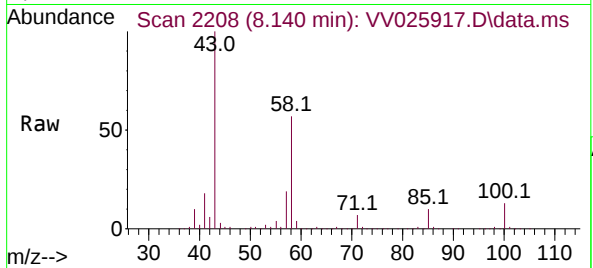




#48
2-Hexanone
Concen: 57.368 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

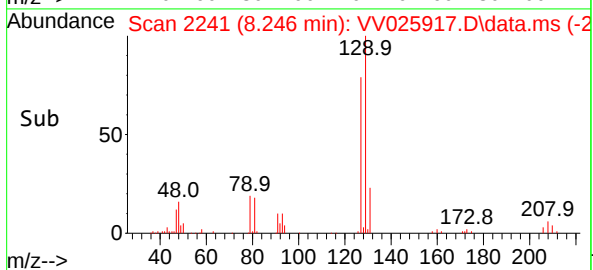
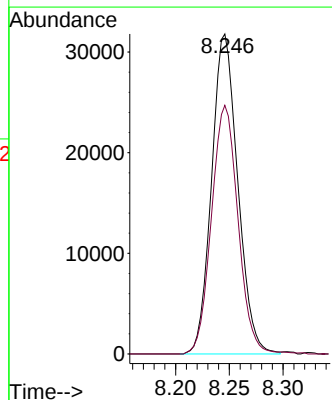
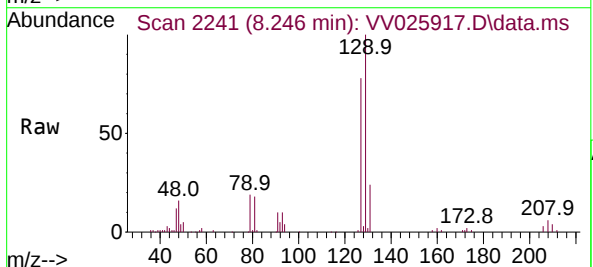
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

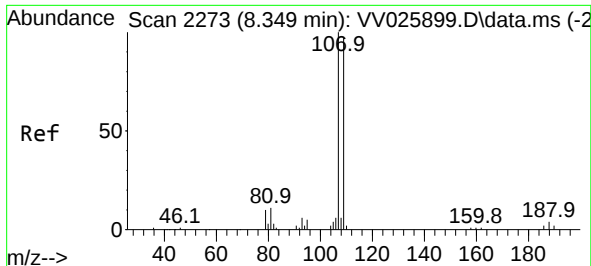
Tgt Ion: 43 Resp: 270970
Ion Ratio Lower Upper
43 100
58 56.2 44.7 67.1
57 19.0 14.9 22.3
100 12.6 10.5 15.7



#49
Dibromochloromethane
Concen: 4.976 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

Tgt Ion: 129 Resp: 53914
Ion Ratio Lower Upper
129 100
127 77.7 54.5 101.1





#50

1,2-Dibromoethane

Concen: 5.310 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025917.D

Acq: 16 May 2022 17:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD005290

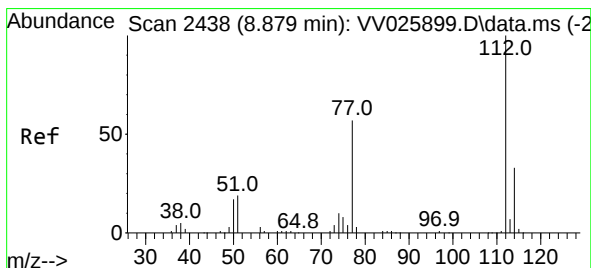
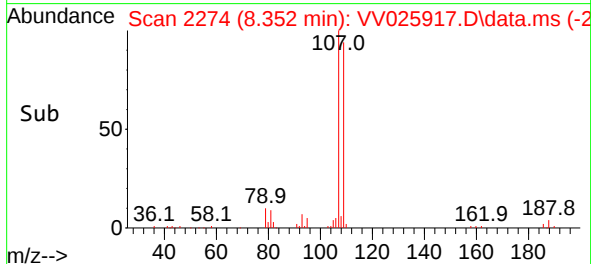
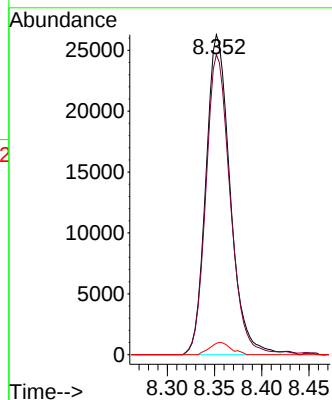
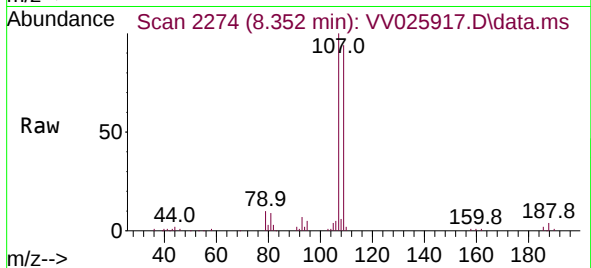
Tgt Ion:107 Resp: 46806

Ion Ratio Lower Upper

107 100

109 93.8 68.1 126.5

188 3.6 2.7 4.1



#51

Chlorobenzene

Concen: 5.014 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV025917.D

Acq: 16 May 2022 17:30

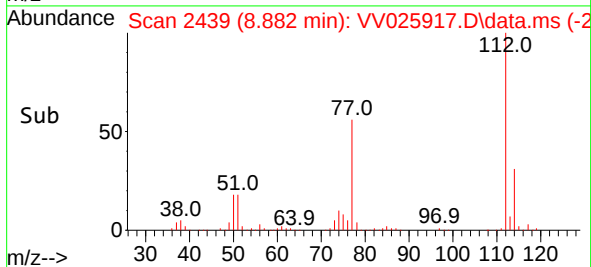
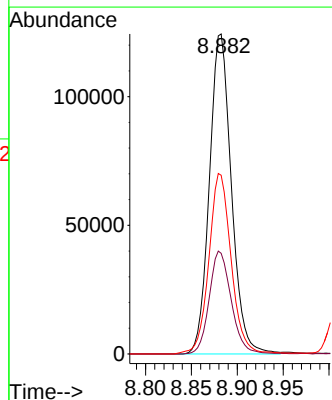
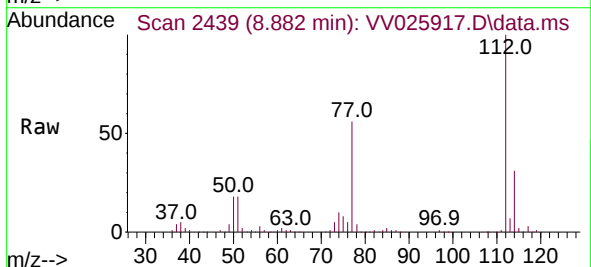
Tgt Ion:112 Resp: 207327

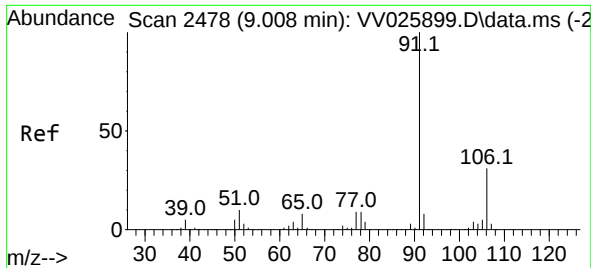
Ion Ratio Lower Upper

112 100

114 31.5 22.3 41.3

77 55.8 45.3 67.9

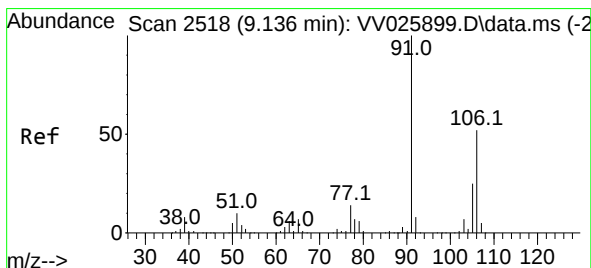
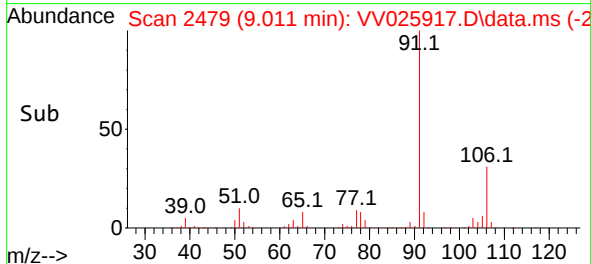
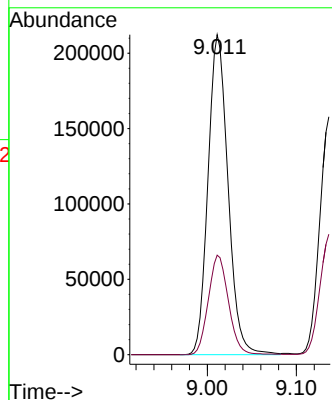
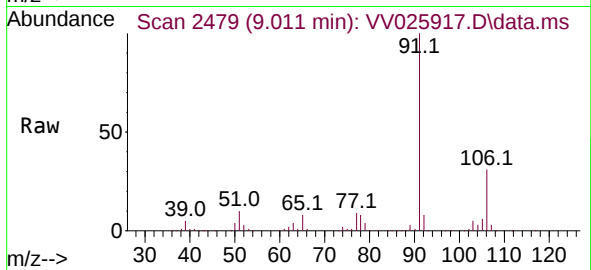




#52
Ethylbenzene
Concen: 4.934 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

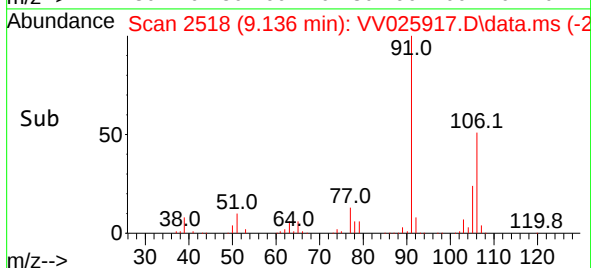
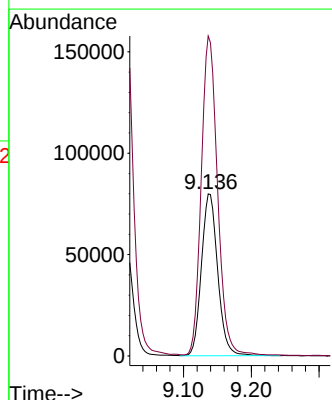
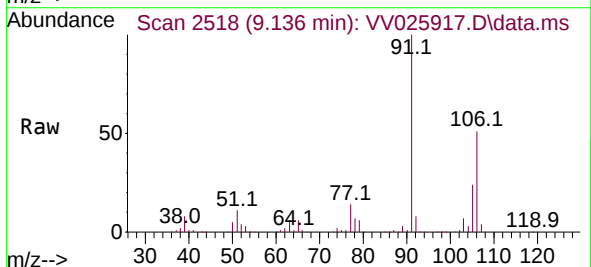
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

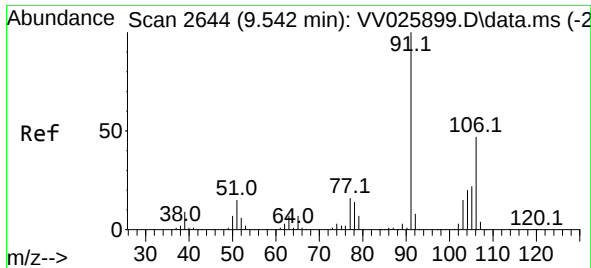
Tgt Ion: 91 Resp: 330816
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.0



#53
m,p-Xylene
Concen: 5.136 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

Tgt Ion: 106 Resp: 132983
Ion Ratio Lower Upper
106 100
91 197.5 135.3 251.3

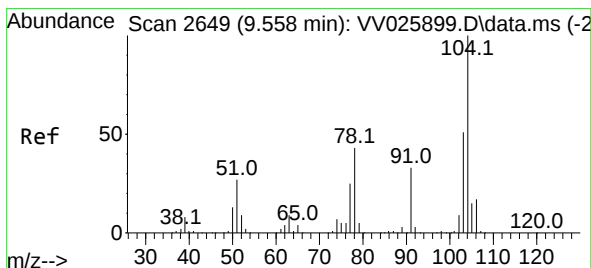
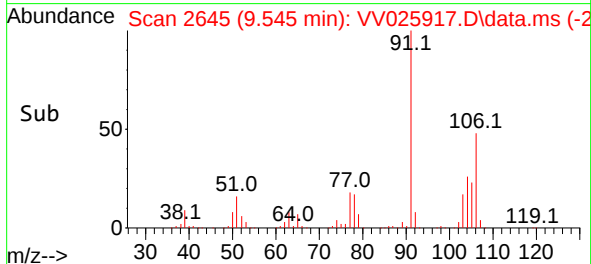
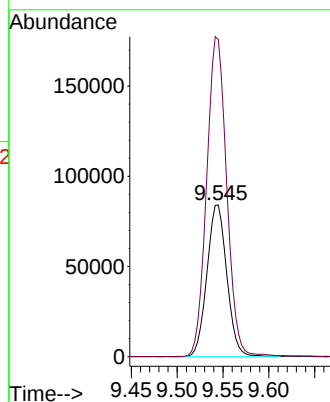
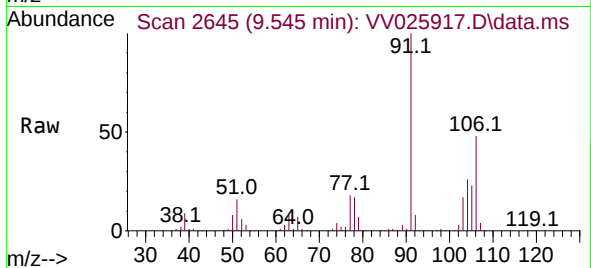




#54
o-Xylene
Concen: 5.154 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

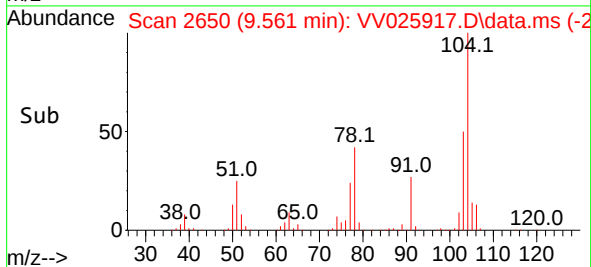
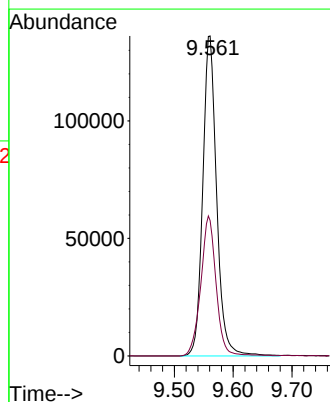
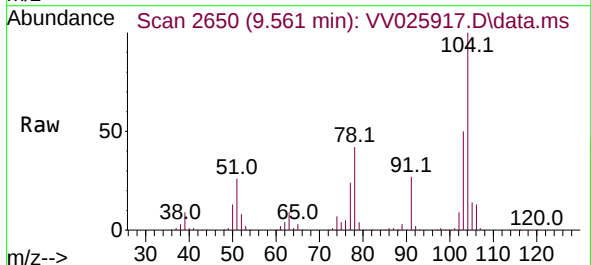
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

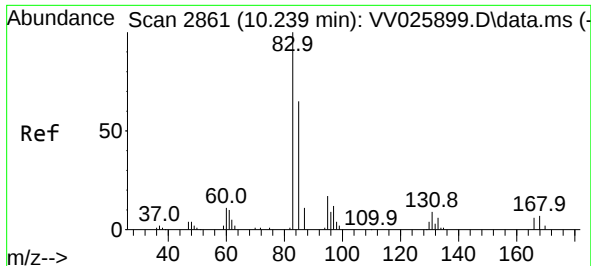
Tgt Ion:106 Resp: 127082
Ion Ratio Lower Upper
106 100
91 209.1 145.1 269.5



#55
Styrene
Concen: 5.397 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

Tgt Ion:104 Resp: 223623
Ion Ratio Lower Upper
104 100
78 42.3 30.0 55.8

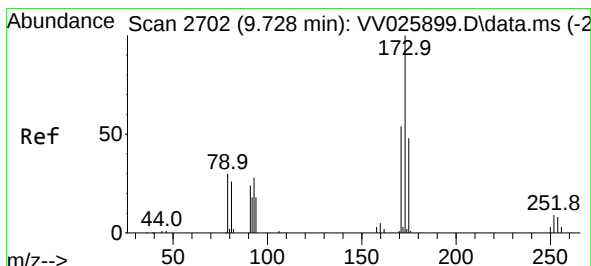
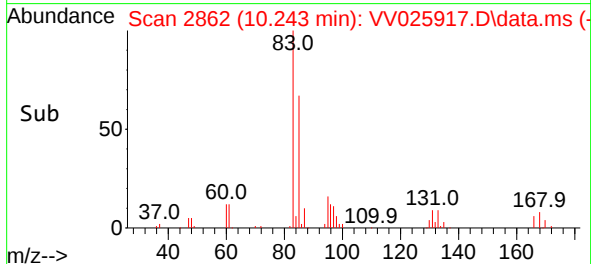
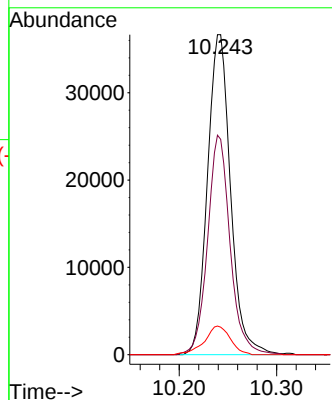
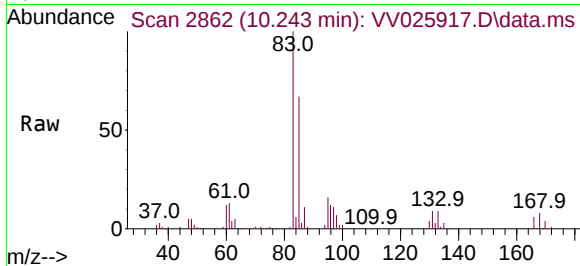




#57
1,1,2,2-Tetrachloroethane
Concen: 5.631 ug/L
RT: 10.243 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

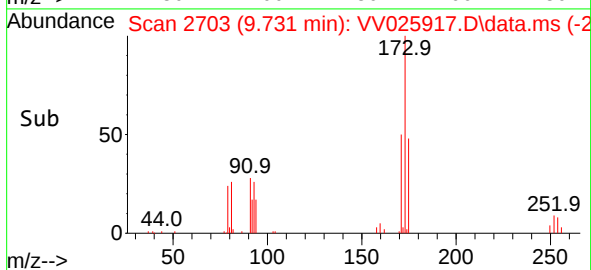
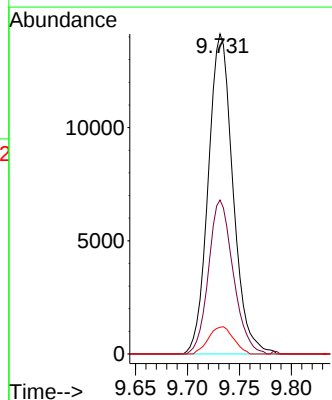
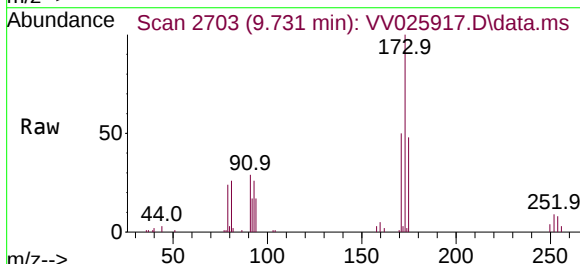
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

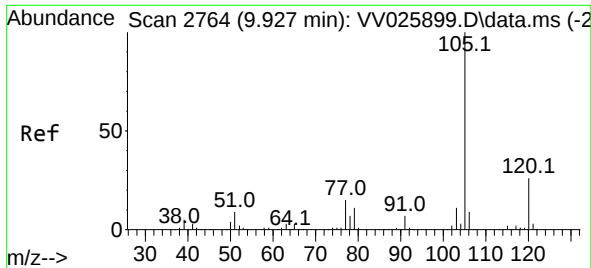
Tgt Ion: 83 Resp: 60328
Ion Ratio Lower Upper
83 100
85 67.3 44.5 82.7
131 8.6 6.7 10.1



#59
Bromoform
Concen: 4.489 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

Tgt Ion: 173 Resp: 23347
Ion Ratio Lower Upper
173 100
175 48.1 39.4 59.2
254 8.6 7.0 10.6

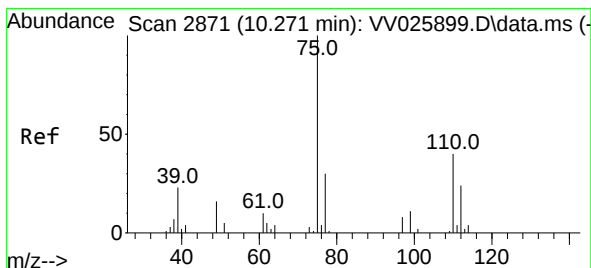
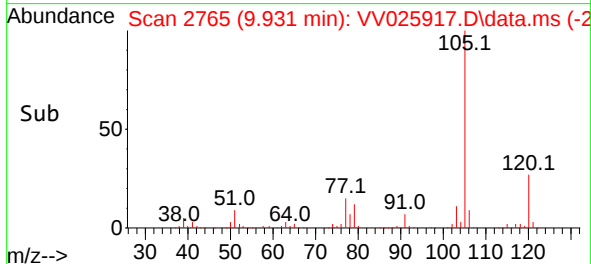
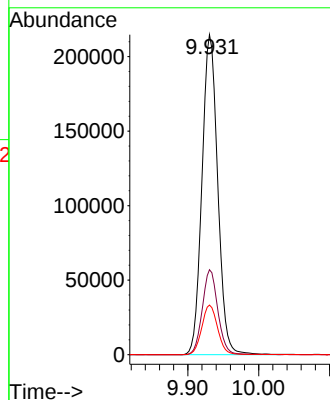
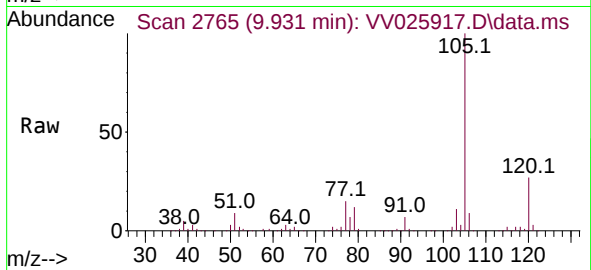




#60
Isopropylbenzene
Concen: 4.940 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

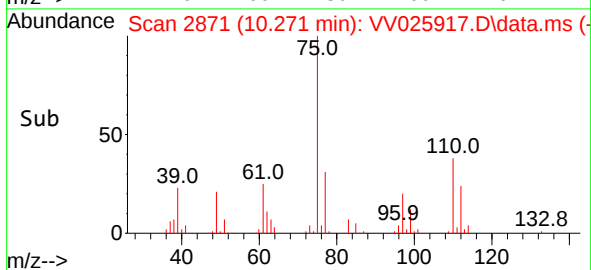
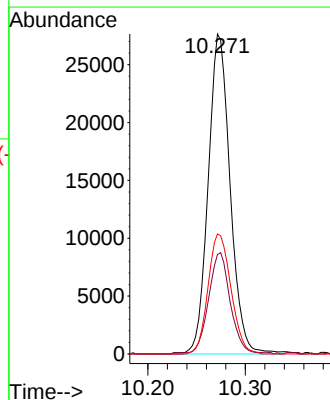
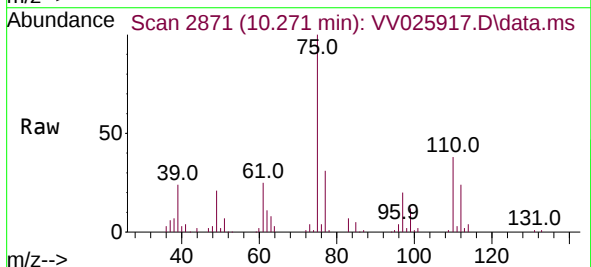
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

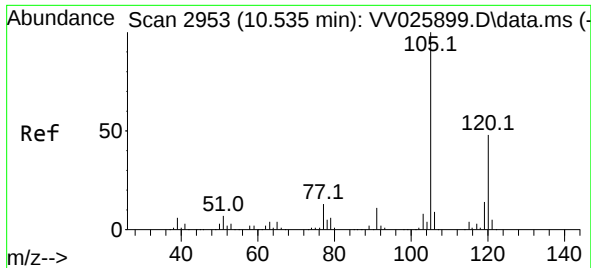
Tgt Ion:105 Resp: 331029
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 15.6 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.180 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

Tgt Ion: 75 Resp: 43246
Ion Ratio Lower Upper
75 100
77 30.2 26.2 39.2
110 39.1 32.4 48.6

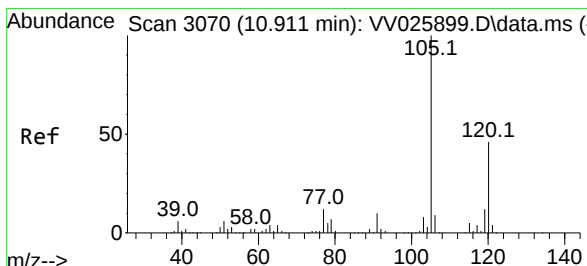
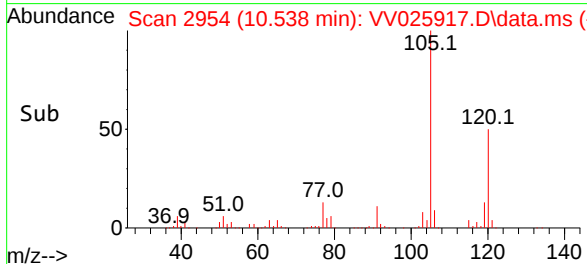
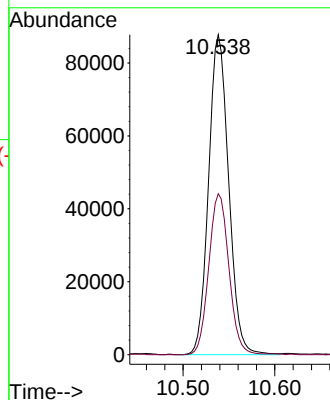
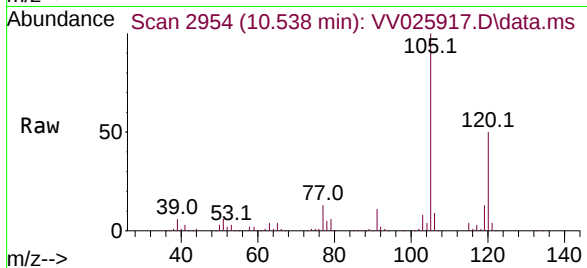




#62
1,3,5-Trimethylbenzene
Concen: 4.660 ug/L
RT: 10.538 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

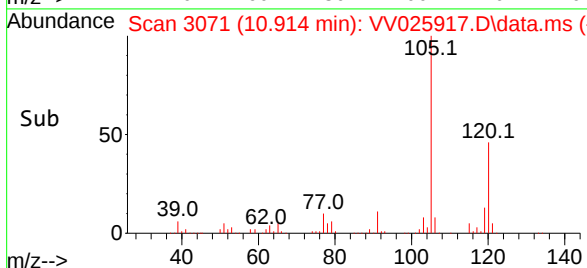
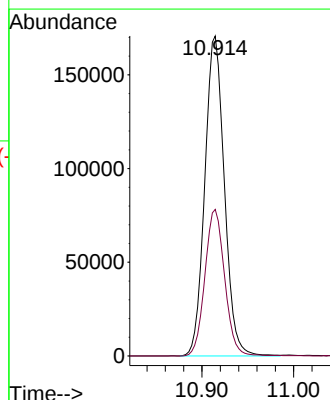
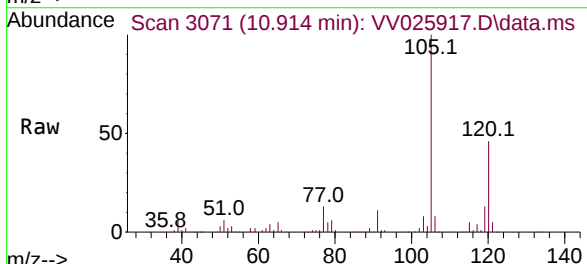
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

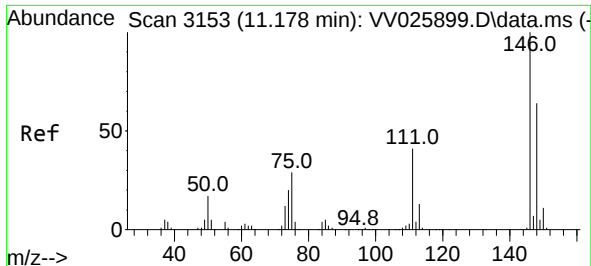
Tgt Ion:105 Resp: 133379
Ion Ratio Lower Upper
105 100
120 50.4 40.4 60.6



#63
1,2,4-Trimethylbenzene
Concen: 4.830 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

Tgt Ion:105 Resp: 253459
Ion Ratio Lower Upper
105 100
120 46.1 36.8 55.2

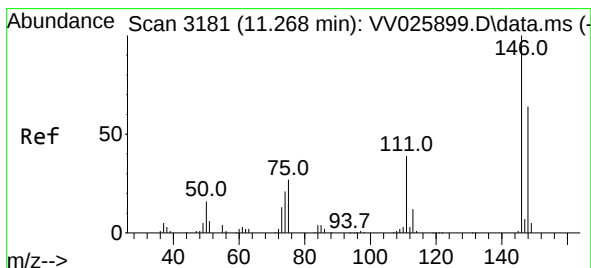
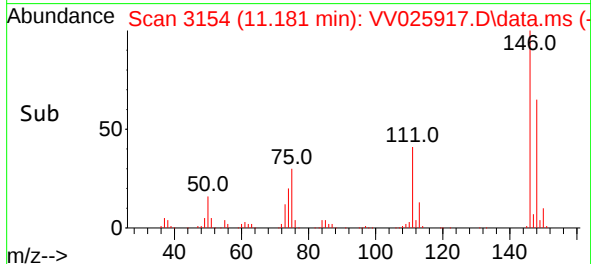
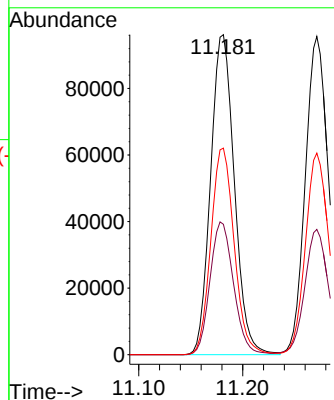
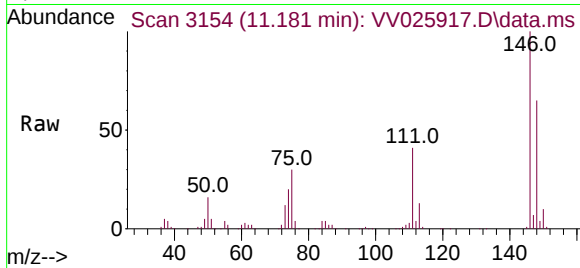




#64
1,3-Dichlorobenzene
Concen: 4.811 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

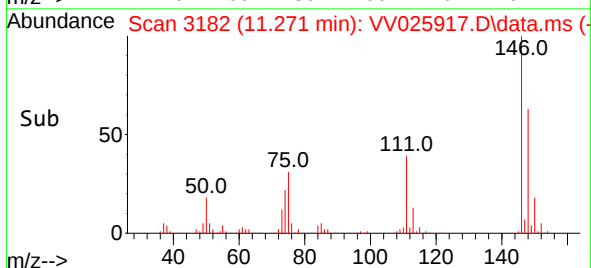
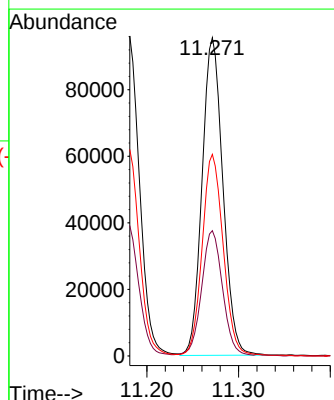
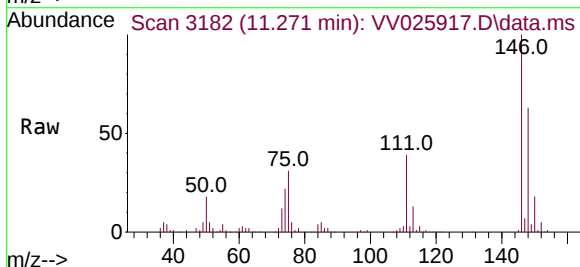
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

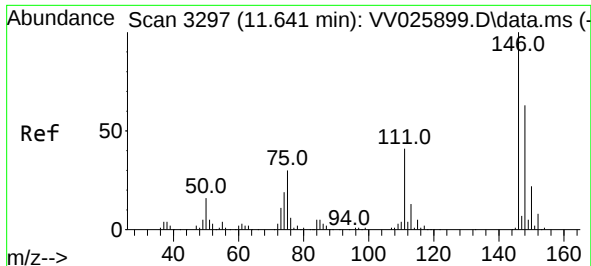
Tgt Ion:146 Resp: 152567
Ion Ratio Lower Upper
146 100
111 40.7 28.2 52.4
148 64.6 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 4.664 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

Tgt Ion:146 Resp: 150560
Ion Ratio Lower Upper
146 100
111 39.4 27.5 51.1
148 63.4 44.7 82.9

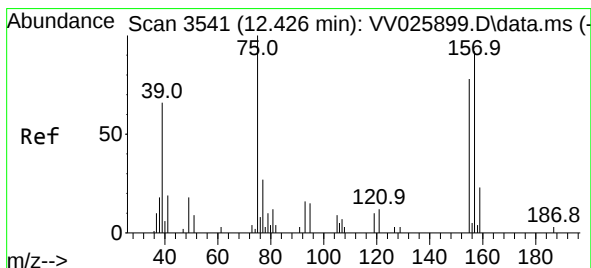
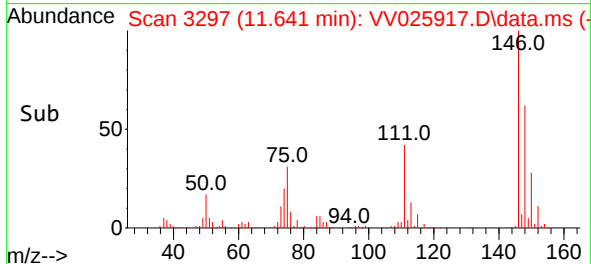
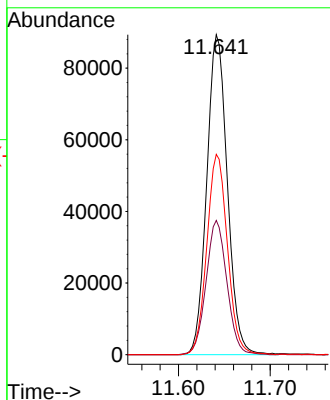
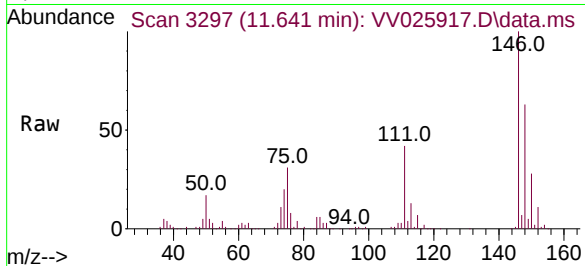




#67
1,2-Dichlorobenzene
Concen: 4.893 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

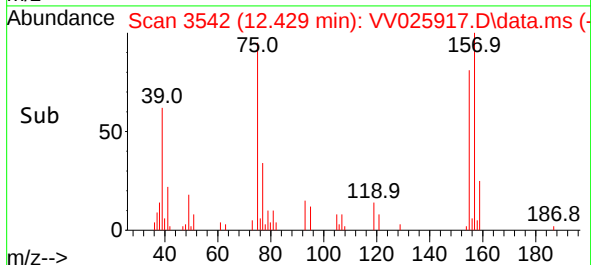
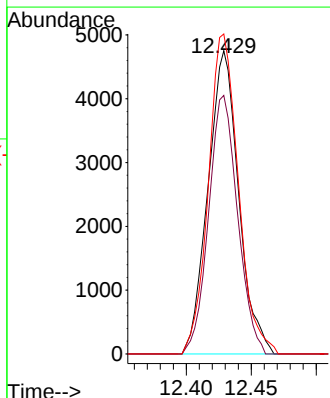
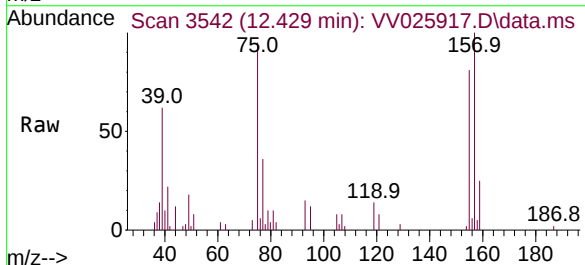
Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

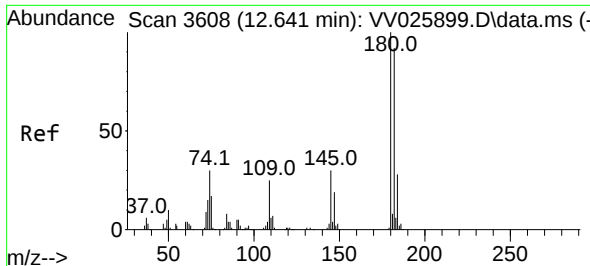
Tgt Ion:146 Resp: 139395
Ion Ratio Lower Upper
146 100
111 42.0 33.6 50.4
148 62.6 49.4 74.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.812 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

Tgt Ion: 75 Resp: 7781
Ion Ratio Lower Upper
75 100
155 85.3 59.6 89.4
157 105.6 85.3 127.9

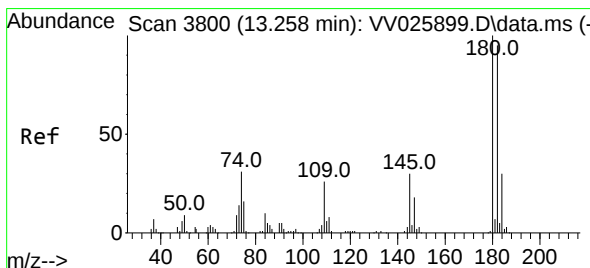
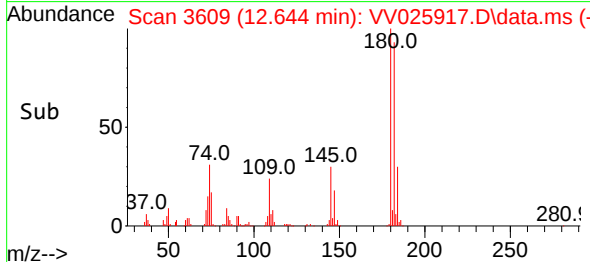
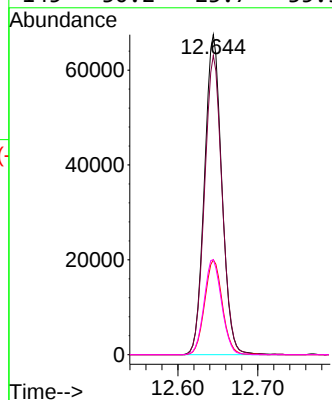
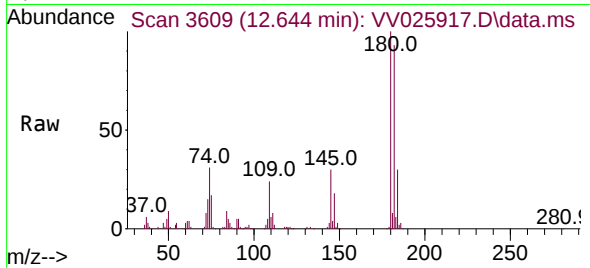




#69
 1,3,5-Trichlorobenzene
 Concen: 4.302 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV025917.D
 Acq: 16 May 2022 17:30

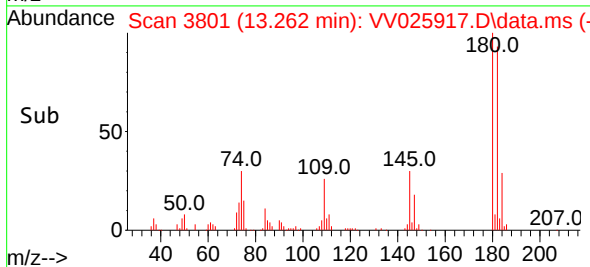
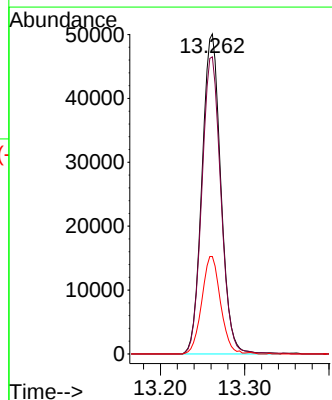
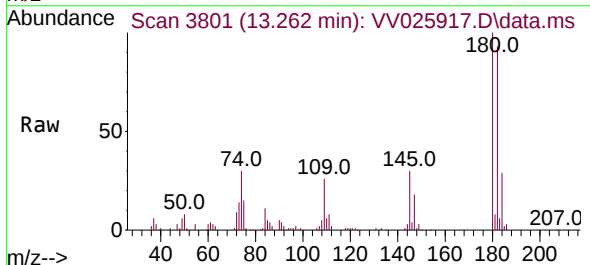
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005290

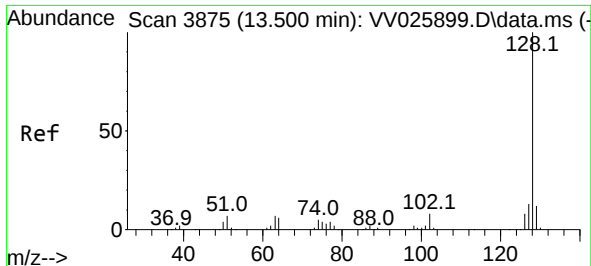
Tgt Ion:180	Resp:	101616
Ion Ratio	Lower	Upper
180	100	
182	94.9	74.3 111.5
184	30.2	23.5 35.3
145	30.2	23.7 35.5



#70
 1,2,4-trichlorobenzene
 Concen: 4.353 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV025917.D
 Acq: 16 May 2022 17:30

Tgt Ion:180	Resp:	77998
Ion Ratio	Lower	Upper
180	100	
182	93.9	75.0 112.4
145	30.3	25.1 37.7

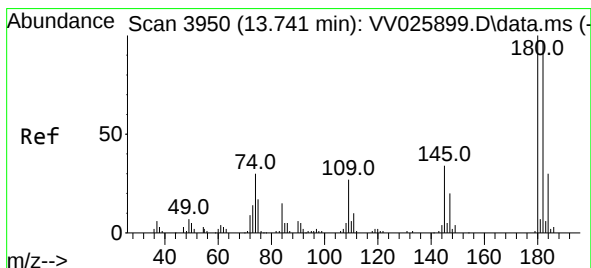
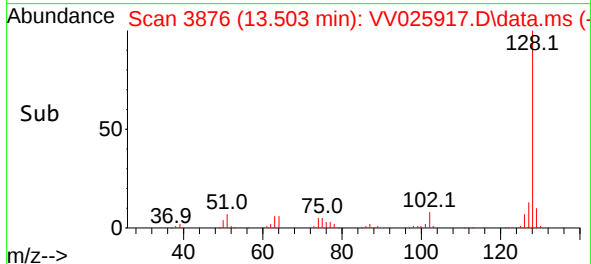
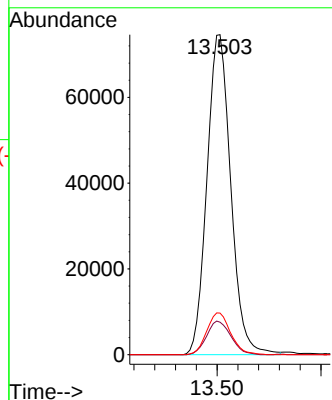
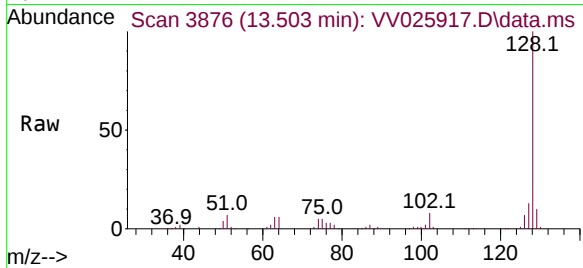




#71
Naphthalene
Concen: 4.428 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD005290

Tgt Ion:128 Resp: 118818
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.443 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025917.D
Acq: 16 May 2022 17:30

Tgt Ion:180 Resp: 68783
Ion Ratio Lower Upper
180 100
182 93.1 73.5 110.3
145 32.3 25.9 38.9

