

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111621\
 Data File : VW020905.D
 Acq On : 16 Nov 2021 11:57
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.00mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025494

Quant Time: Nov 17 00:27:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 17 00:25:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	119163	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	105722	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	59105	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	36480	26.392	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.560%	
7) Chloroethane-d5	2.885	69	21908	24.575	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 98.320%	
11) 1,1-Dichloroethene-d2	4.025	63	65508	24.495	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 97.960%	
21) 2-Butanone-d5	7.080	46	16057	46.541	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 93.080%	
24) Chloroform-d	7.653	84	77700	25.878	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.520%	
26) 1,2-Dichloroethane-d4	8.311	65	38150	25.032	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 100.120%	
32) Benzene-d6	8.275	84	149776	26.880	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 107.520%	
36) 1,2-Dichloropropane-d6	9.274	67	41438	26.116	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 104.480%	
41) Toluene-d8	10.323	98	147628	26.693	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.760%	
43) trans-1,3-Dichloroprop...	10.579	79	19113	25.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 101.920%	
47) 2-Hexanone-d5	10.920	63	13501	51.304	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 102.600%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	31653	26.041	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 104.160%	
66) 1,2-Dichlorobenzene-d4	13.853	152	56937	27.028	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 108.120%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	6976	20.228	ug/L	97
3) Chloromethane	2.215	50	23984	22.875	ug/L	99
5) Vinyl chloride	2.361	62	44293	24.424	ug/L	94
6) Bromomethane	2.782	94	20319	20.206	ug/L	96
8) Chloroethane	2.922	64	17497	22.949	ug/L	95
9) Trichlorofluoromethane	3.257	101	25935	24.551	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	40112	24.978	ug/L	89
12) 1,1-Dichloroethene	4.044	96	36024	24.128	ug/L	78
13) Acetone	4.123	43	11637	37.779	ug/L	87
14) Carbon disulfide	4.385	76	89482	22.160	ug/L	97
15) Methyl Acetate	4.678	43	12660	22.918	ug/L	# 87
16) Methylene chloride	4.922	84	35688	21.474	ug/L	83
17) trans-1,2-Dichloroethene	5.428	96	39378	24.471	ug/L	80
18) Methyl tert-butyl Ether	5.434	73	59018	24.434	ug/L	93
19) 1,1-Dichloroethane	6.220	63	65123	24.425	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	42668	24.603	ug/L	71
22) 2-Butanone	7.177	43	17883	42.731	ug/L	87
23) Bromochloromethane	7.513	128	20098	25.349	ug/L	# 66
25) Chloroform	7.677	83	73216	25.124	ug/L	98

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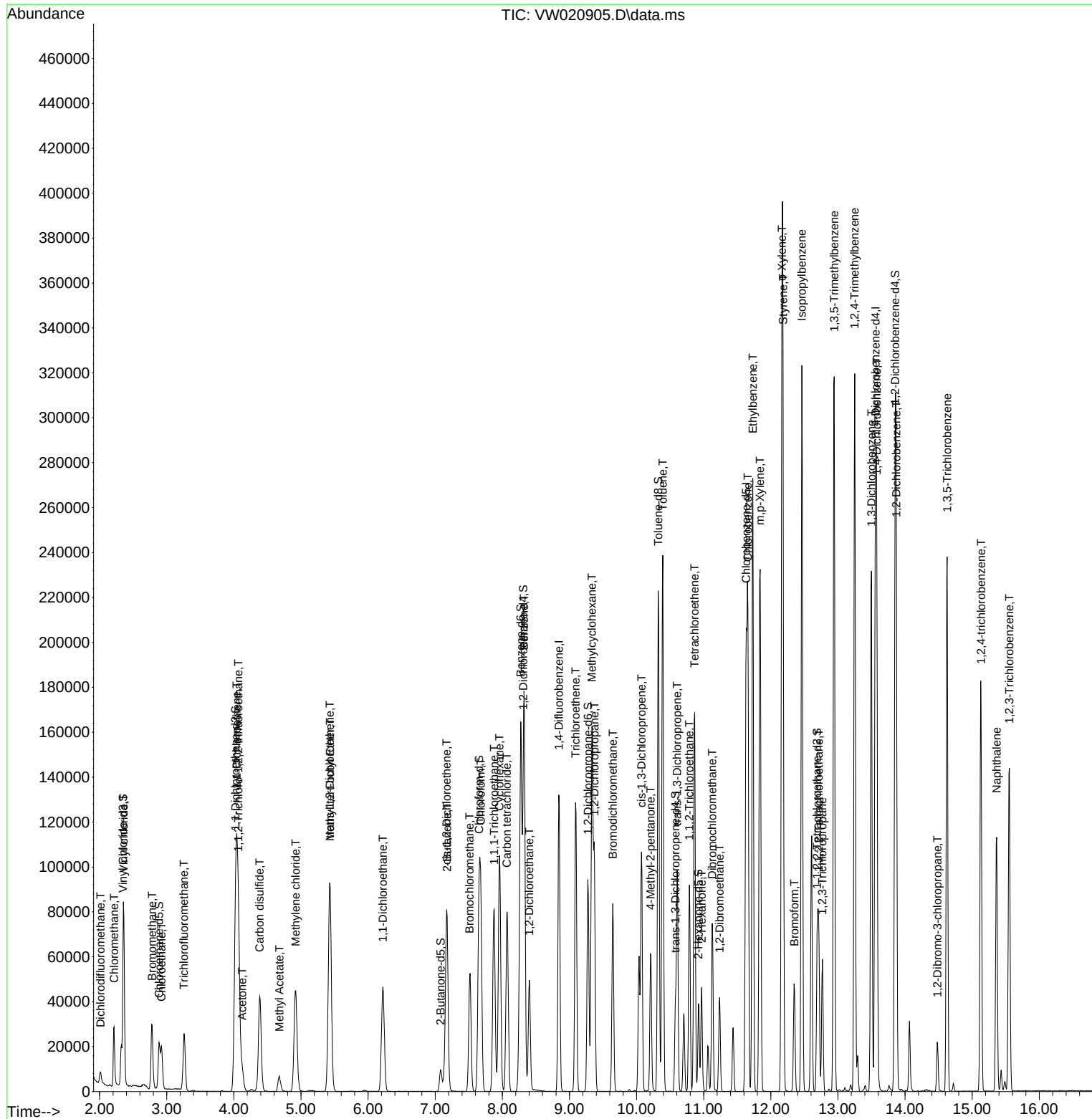
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	42594	24.138	ug/L #	95
29) Cyclohexane	7.958	56	57284	24.304	ug/L #	85
30) 1,1,1-Trichloroethane	7.878	97	66544	26.174	ug/L	93
31) Carbon tetrachloride	8.067	117	61576	25.590	ug/L	100
33) Benzene	8.323	78	154069	25.738	ug/L	100
34) Trichloroethene	9.092	95	41655	24.879	ug/L	87
35) Methylcyclohexane	9.335	83	69301	25.105	ug/L #	85
37) 1,2-Dichloropropane	9.372	63	35339	25.367	ug/L #	95
38) Bromodichloromethane	9.646	83	52063	26.041	ug/L #	93
39) cis-1,3-Dichloropropene	10.073	75	59524	25.878	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	39071	47.120	ug/L #	91
42) Toluene	10.390	91	174911	25.978	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	51187	25.321	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	28250	26.073	ug/L	95
46) Tetrachloroethene	10.866	164	39251	25.532	ug/L	93
48) 2-Hexanone	10.969	43	27116	47.211	ug/L #	92
49) Dibromochloromethane	11.128	129	39658	26.549	ug/L	95
50) 1,2-Dibromoethane	11.237	107	27800	25.592	ug/L #	99
51) Chlorobenzene	11.658	112	116535	26.023	ug/L	93
52) Ethylbenzene	11.731	91	192911	25.856	ug/L	98
53) m,p-Xylene	11.841	106	78819	25.876	ug/L	88
54) o-Xylene	12.164	106	75034	25.649	ug/L	93
55) Styrene	12.182	104	127489	26.245	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	31157	25.945	ug/L #	99
59) Bromoform	12.353	173	22792	25.862	ug/L	99
60) Isopropylbenzene	12.463	105	206195	25.614	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	21826	25.175	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.944	105	170679	25.133	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	172016	25.673	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	97761	25.902	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	98459	25.861	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	85486	25.703	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	4805	23.183	ug/L #	51
69) 1,3,5-Trichlorobenzene	14.627	180	75782	25.351	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	60214	24.621	ug/L	98
71) Naphthalene	15.365	128	100931	25.328	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	51916	25.156	ug/L	95

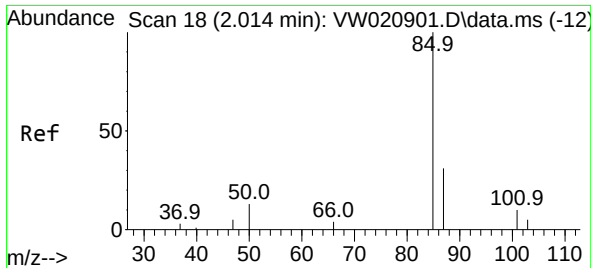
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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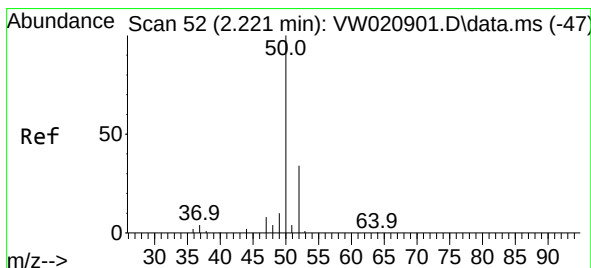
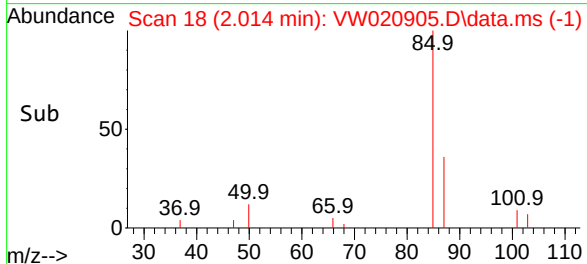
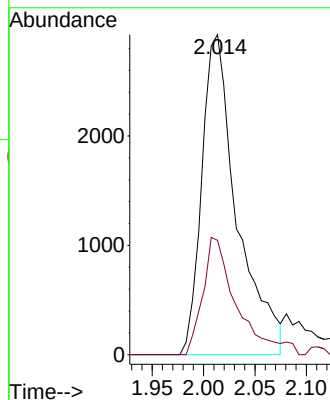
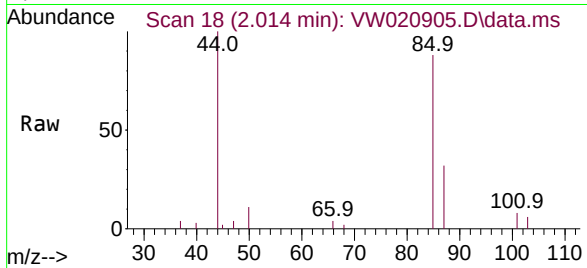




#2
Dichlorodifluoromethane
Concen: 20.228 ug/L
RT: 2.014 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

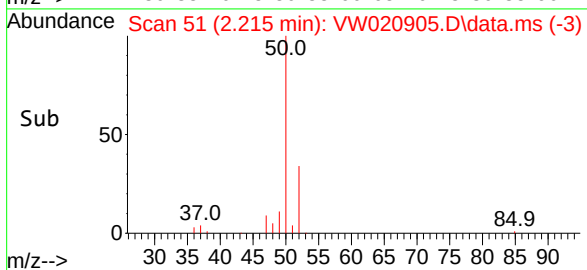
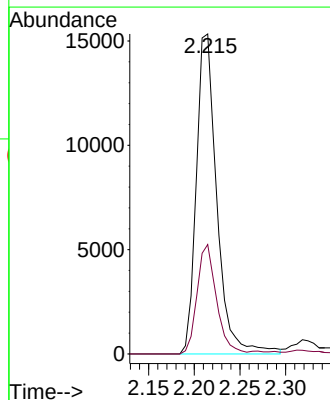
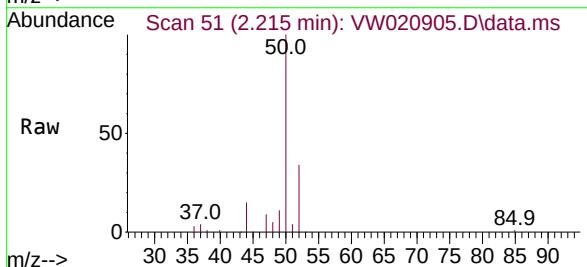
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MSVOA_W
ClientSampleId :
VSTD025494

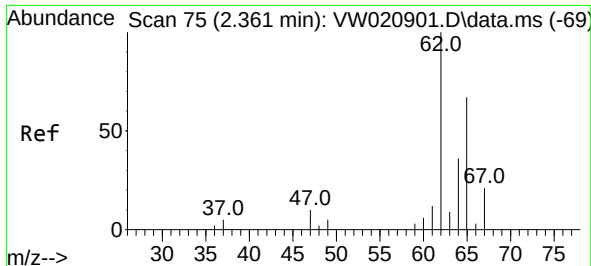
Tgt Ion: 85 Resp: 6976
Ion Ratio Lower Upper
85 100
87 34.0 25.8 38.6



#3
Chloromethane
Concen: 22.875 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

Tgt Ion: 50 Resp: 23984
Ion Ratio Lower Upper
50 100
52 34.2 23.4 43.6

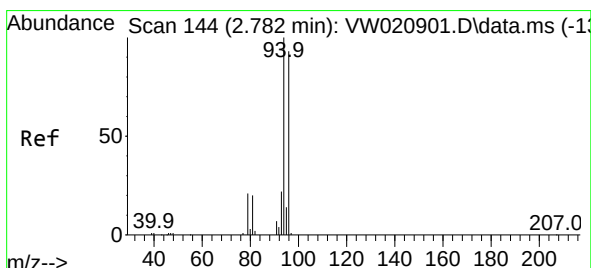
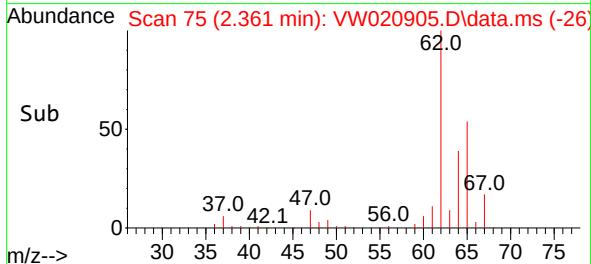
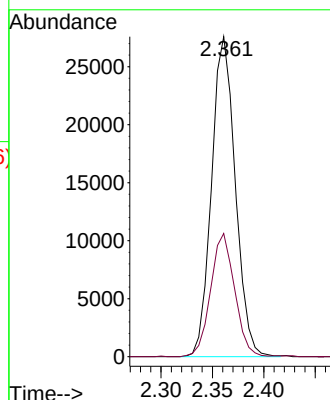
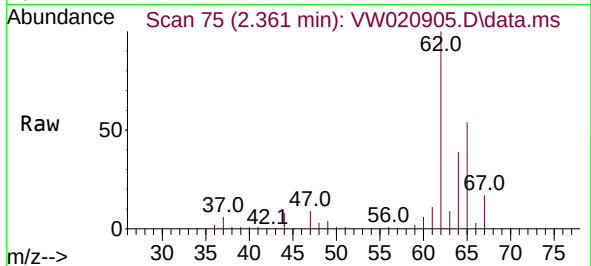




#5
 Vinyl chloride
 Concen: 24.424 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW020905.D
 Acq: 16 Nov 2021 11:57

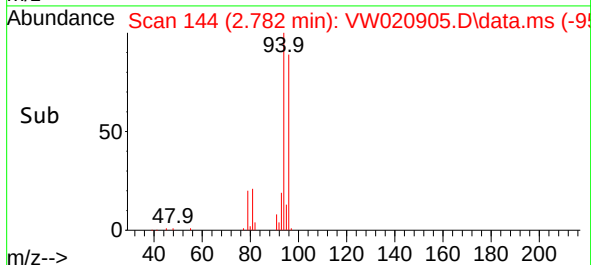
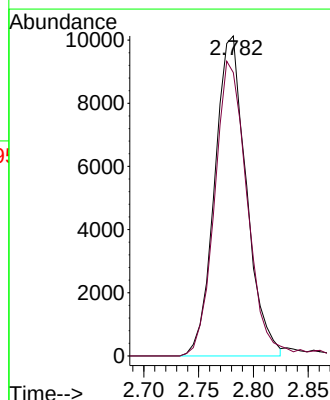
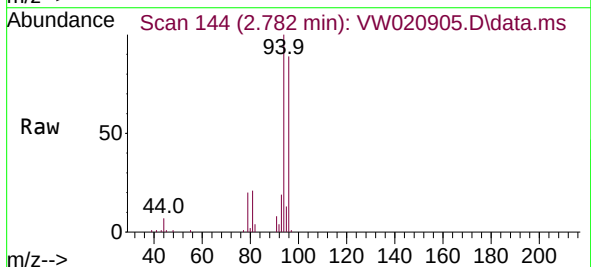
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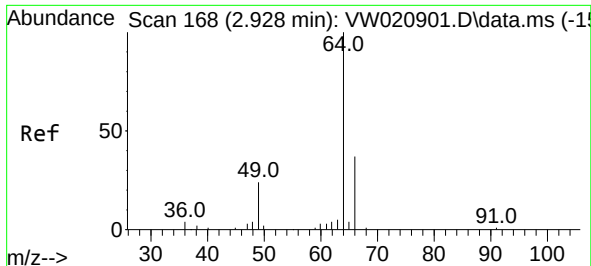
Tgt Ion: 62 Resp: 44293
 Ion Ratio Lower Upper
 62 100
 64 38.5 24.4 45.2



#6
 Bromomethane
 Concen: 20.206 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW020905.D
 Acq: 16 Nov 2021 11:57

Tgt Ion: 94 Resp: 20319
 Ion Ratio Lower Upper
 94 100
 96 88.6 64.8 120.4

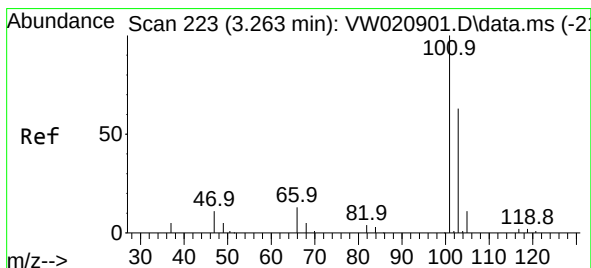
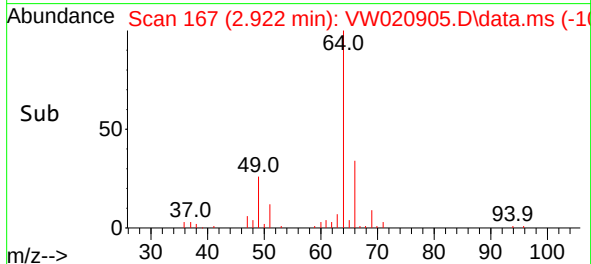
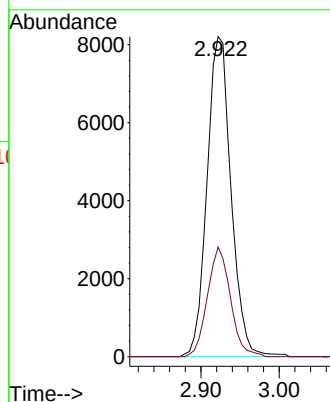
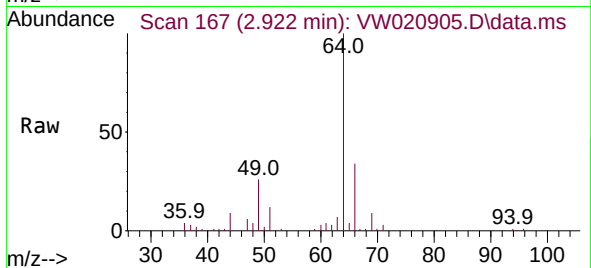




#8
Chloroethane
Concen: 22.949 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

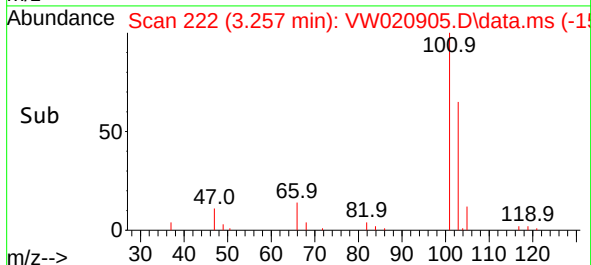
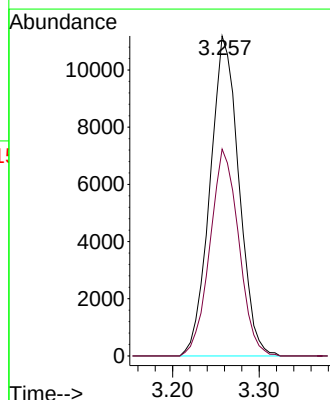
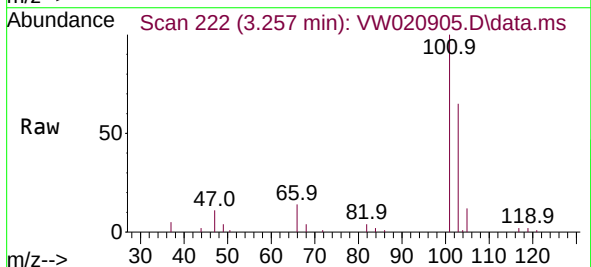
Instrument :
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ClientSampleId :
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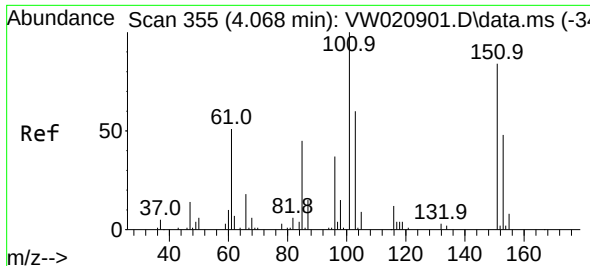
Tgt Ion: 64 Resp: 17497
Ion Ratio Lower Upper
64 100
66 34.3 22.0 40.8



#9
Trichlorofluoromethane
Concen: 24.551 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

Tgt Ion:101 Resp: 25935
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

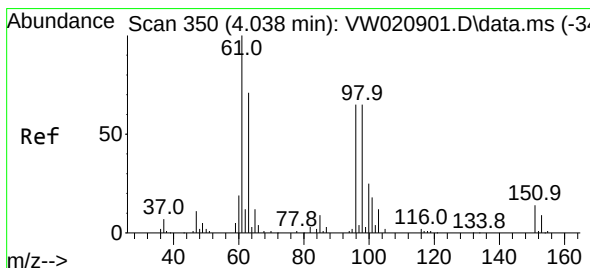
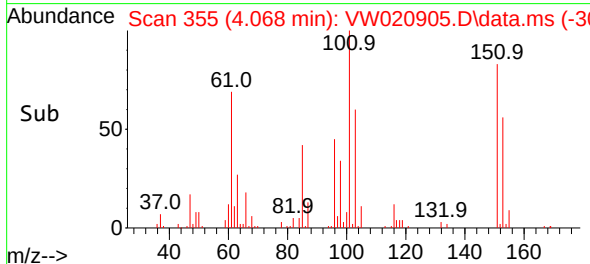
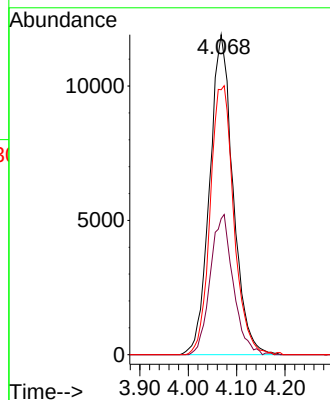
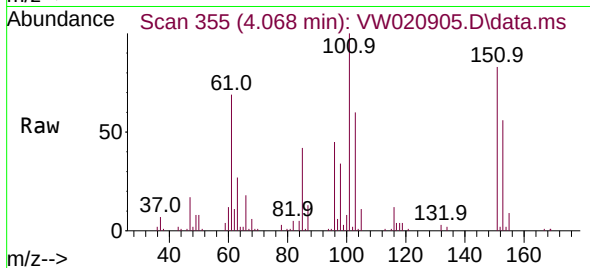




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.978 ug/L
 RT: 4.068 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VW020905.D
 Acq: 16 Nov 2021 11:57

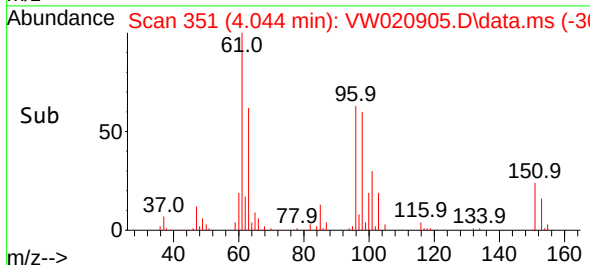
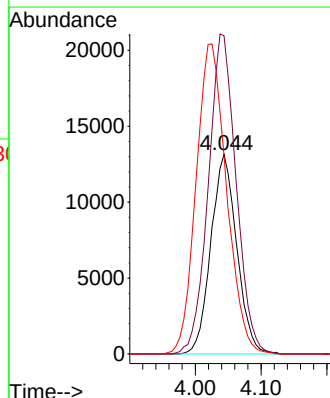
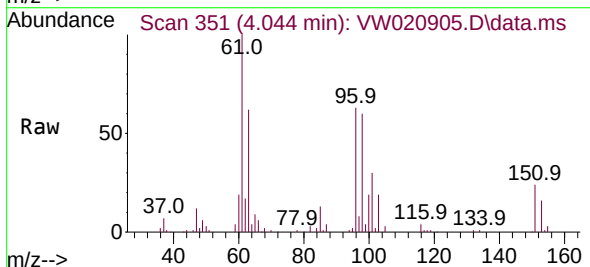
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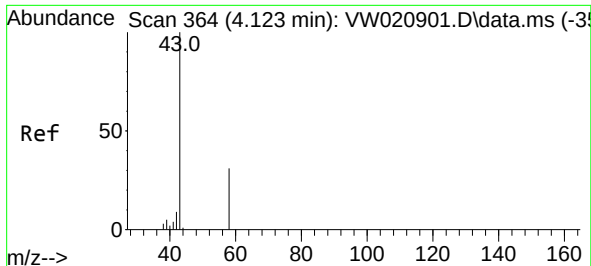
Tgt Ion:	101	Resp:	40112
Ion	Ratio	Lower	Upper
101	100		
85	42.4	36.6	54.8
151	84.6	57.4	86.0



#12
 1,1-Dichloroethene
 Concen: 24.128 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW020905.D
 Acq: 16 Nov 2021 11:57

Tgt Ion:	96	Resp:	36024
Ion	Ratio	Lower	Upper
96	100		
61	159.5	138.3	256.9
63	99.4	82.6	153.4

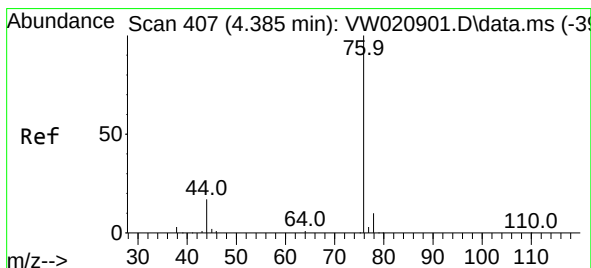
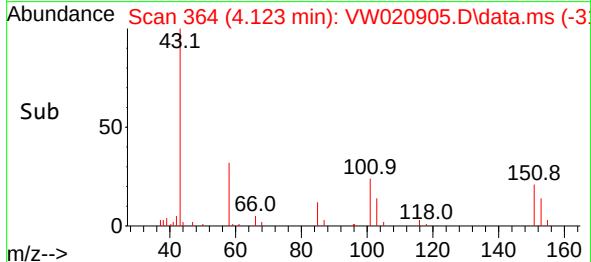
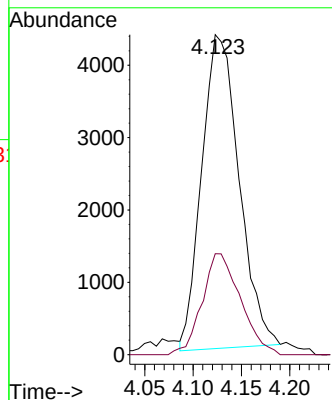
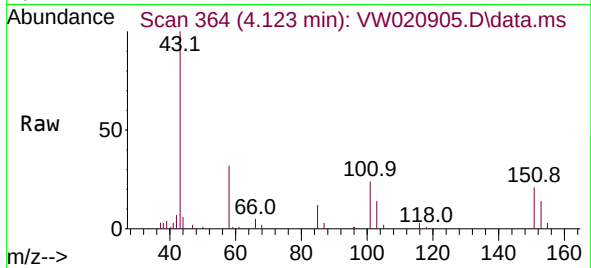




#13
Acetone
Concen: 37.779 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

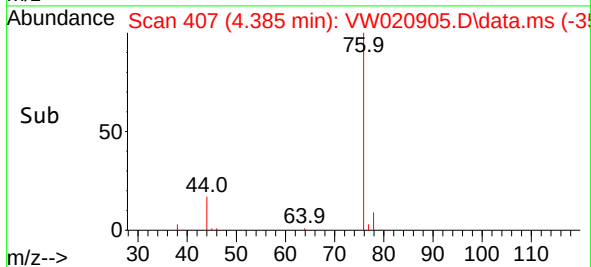
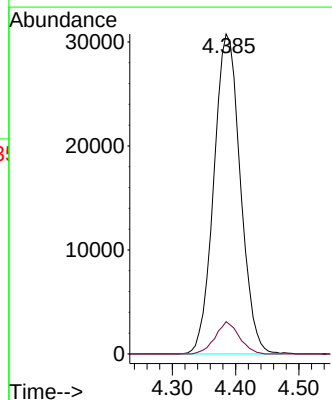
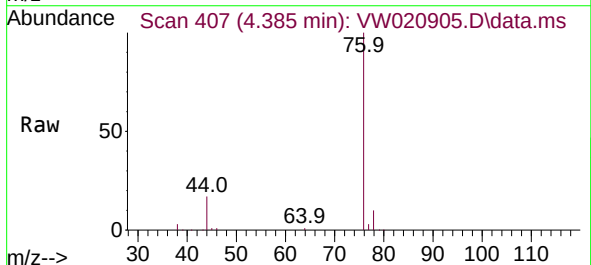
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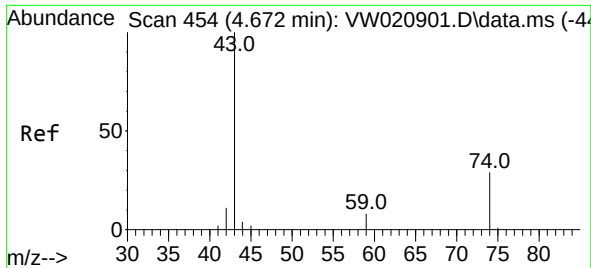
Tgt Ion: 43 Resp: 11637
Ion Ratio Lower Upper
43 100
58 33.1 0.0 52.8



#14
Carbon disulfide
Concen: 22.160 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

Tgt Ion: 76 Resp: 89482
Ion Ratio Lower Upper
76 100
78 10.1 7.1 10.7

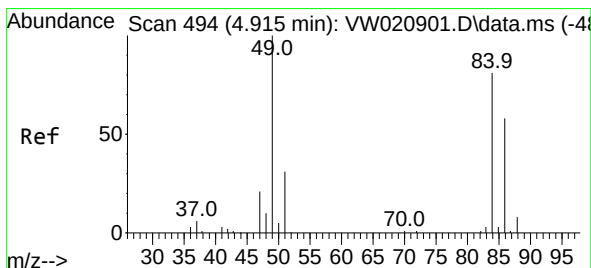
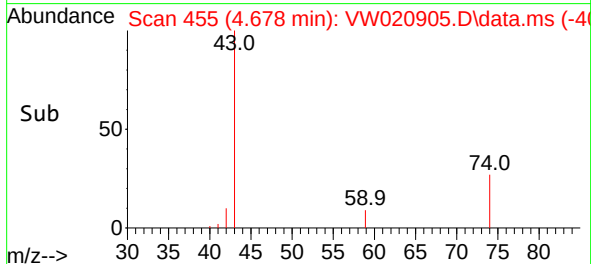
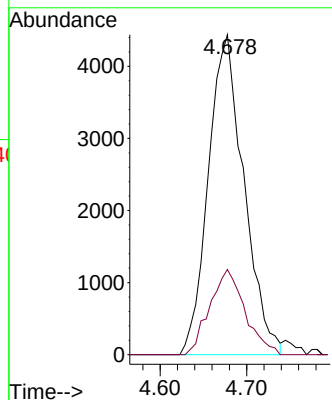
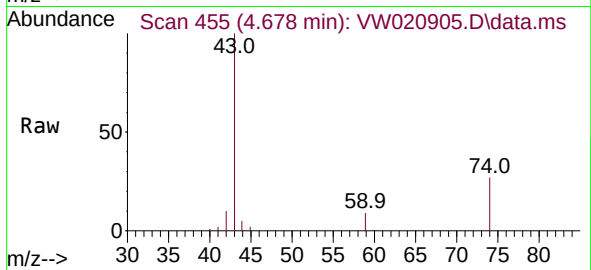




#15
Methyl Acetate
Concen: 22.918 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

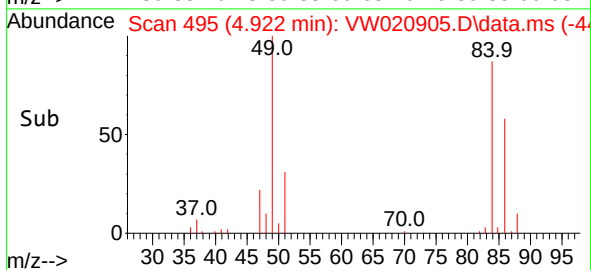
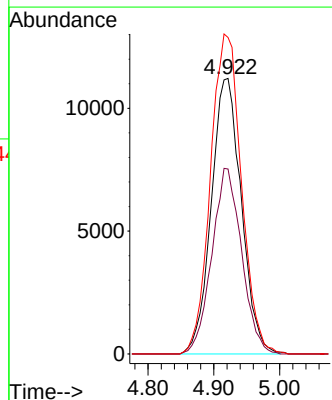
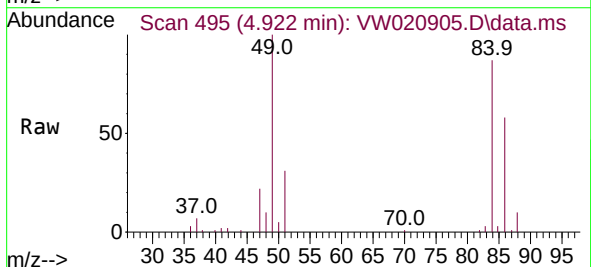
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

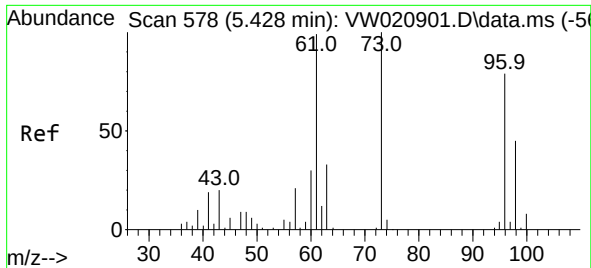
Tgt Ion: 43 Resp: 12660
Ion Ratio Lower Upper
43 100
74 26.4 16.4 24.6#



#16
Methylene chloride
Concen: 21.474 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

Tgt Ion: 84 Resp: 35688
Ion Ratio Lower Upper
84 100
86 67.1 45.5 84.5
49 114.9 100.5 186.7

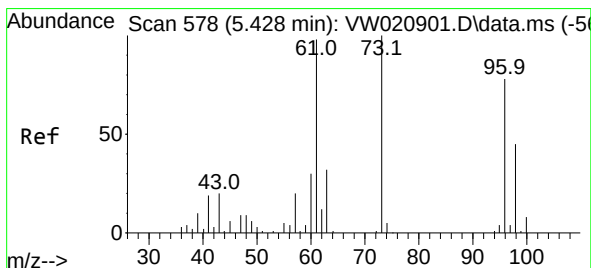
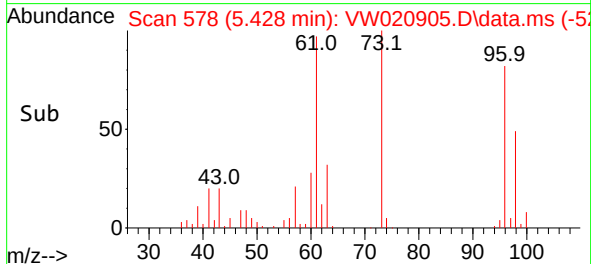
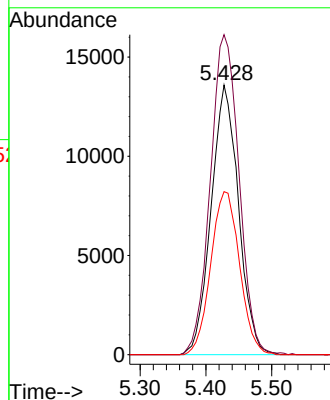
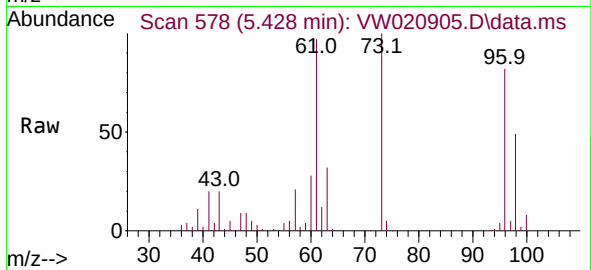




#17
trans-1,2-Dichloroethene
Concen: 24.471 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

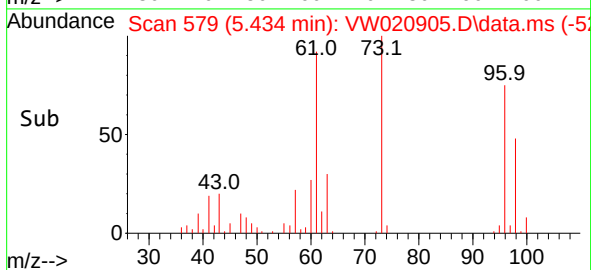
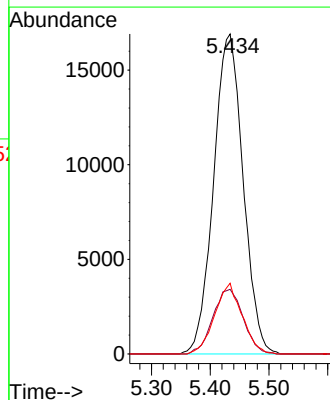
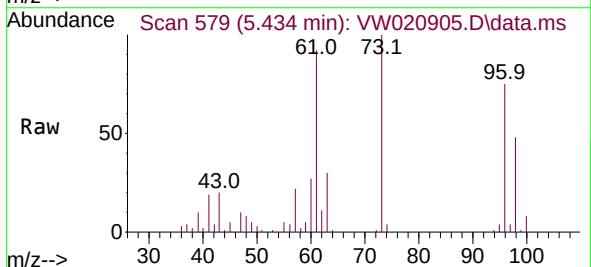
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

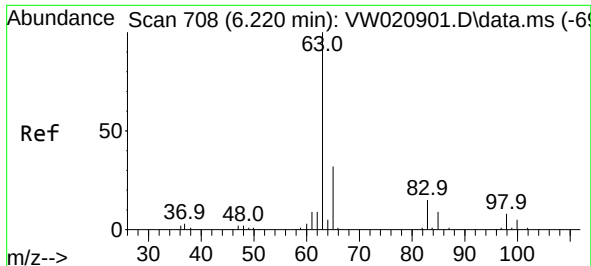
Tgt Ion: 96 Resp: 39378
Ion Ratio Lower Upper
96 100
61 118.7 107.4 199.4
98 60.5 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 24.434 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

Tgt Ion: 73 Resp: 59018
Ion Ratio Lower Upper
73 100
43 20.8 19.5 29.3
57 20.6 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.425 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW020905.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025494

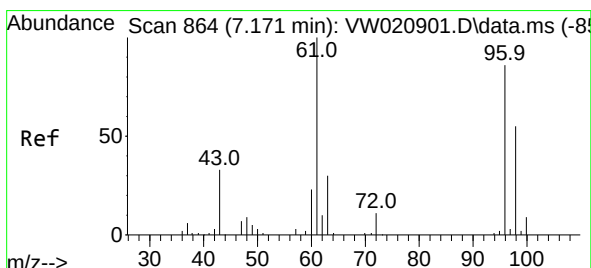
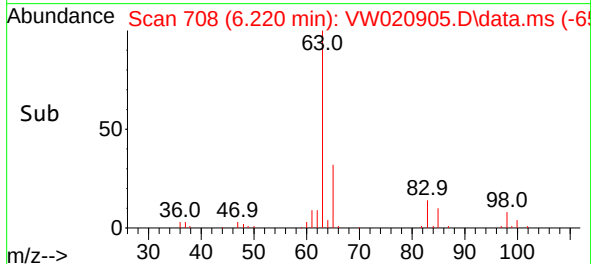
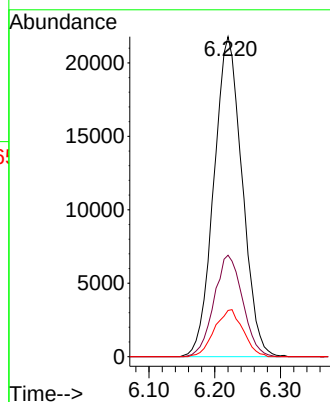
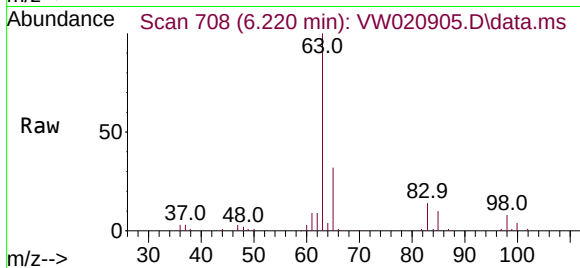
Tgt Ion: 63 Resp: 65123

Ion Ratio Lower Upper

63 100

65 31.7 22.1 41.1

83 14.4 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.603 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW020905.D

Acq: 16 Nov 2021 11:57

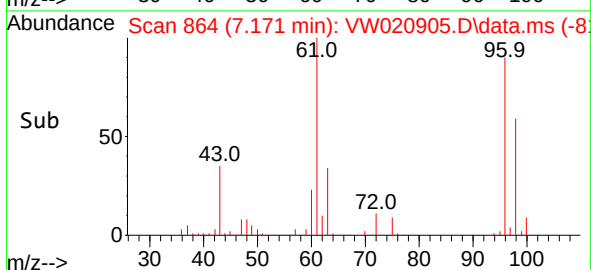
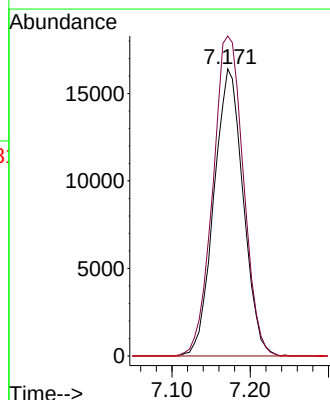
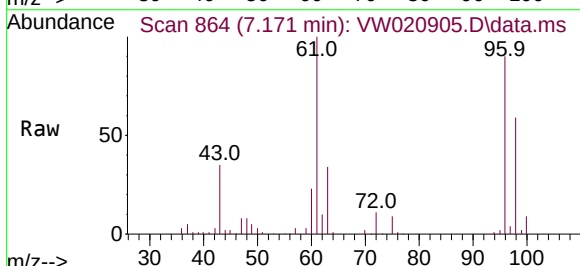
Tgt Ion: 96 Resp: 42668

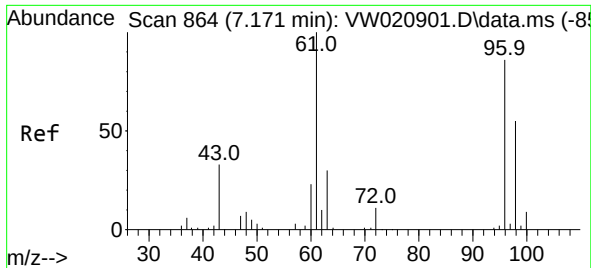
Ion Ratio Lower Upper

96 100

61 111.5 103.7 192.7

68 0.0 0.0 0.0

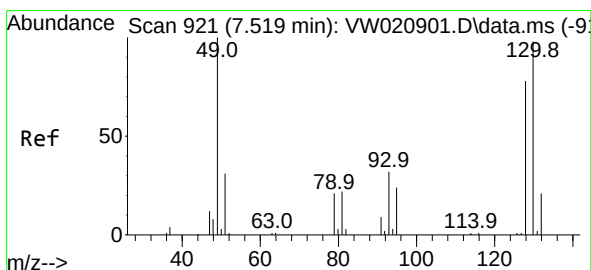
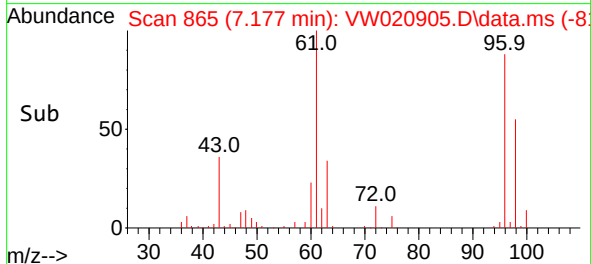
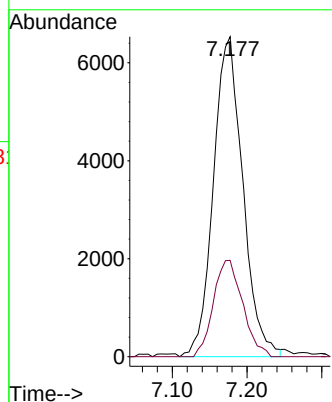
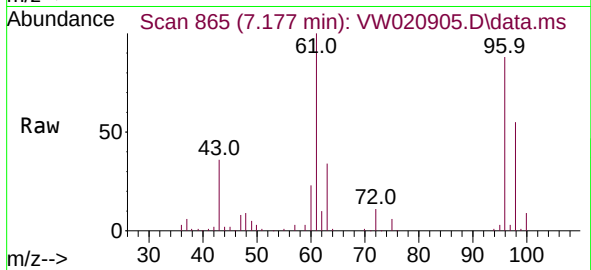




#22
2-Butanone
Concen: 42.731 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

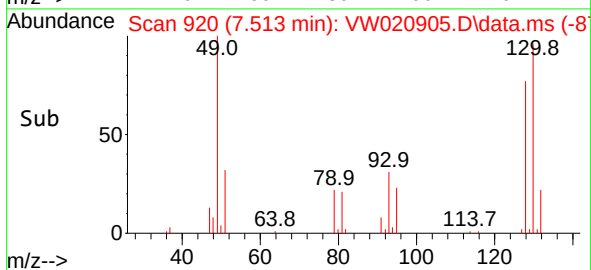
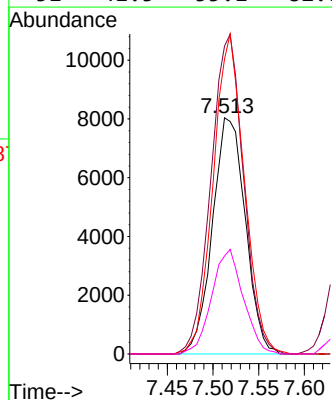
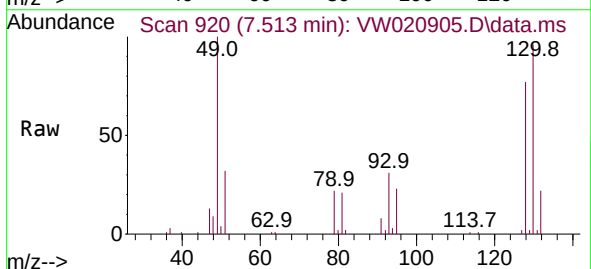
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

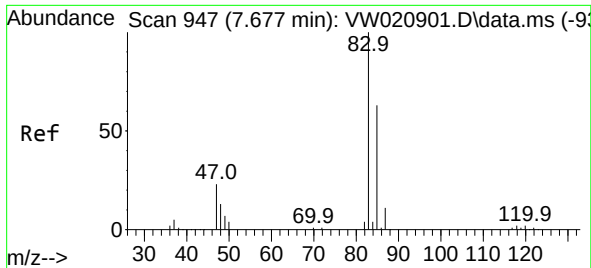
Tgt Ion: 43 Resp: 17883
Ion Ratio Lower Upper
43 100
72 29.9 11.8 35.4



#23
Bromochloromethane
Concen: 25.349 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

Tgt Ion: 128 Resp: 20098
Ion Ratio Lower Upper
128 100
49 130.4 150.3 279.1#
130 124.9 88.3 163.9
51 41.5 55.1 82.7#

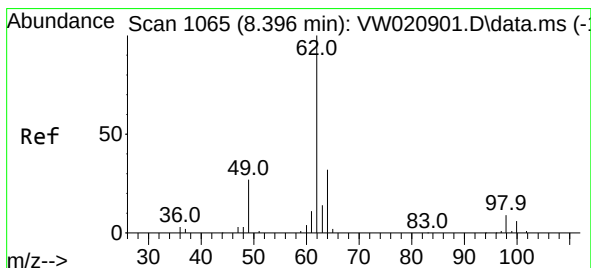
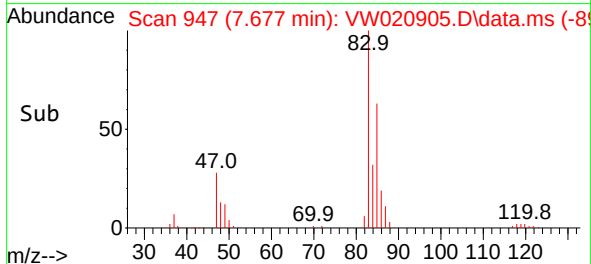
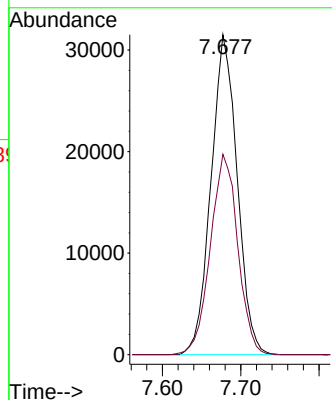
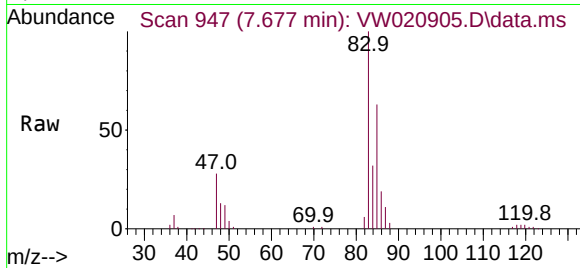




#25
Chloroform
Concen: 25.124 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

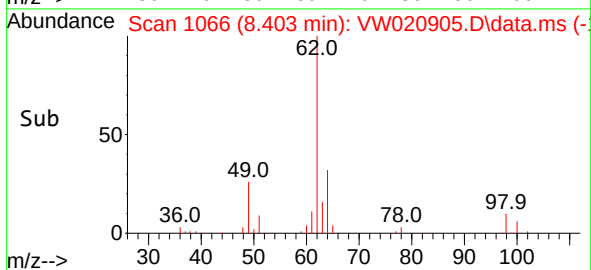
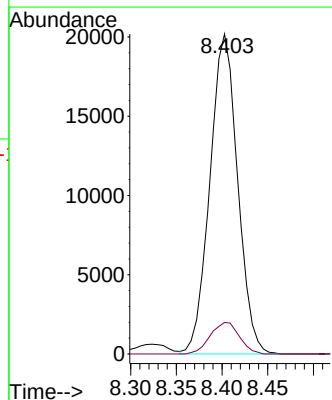
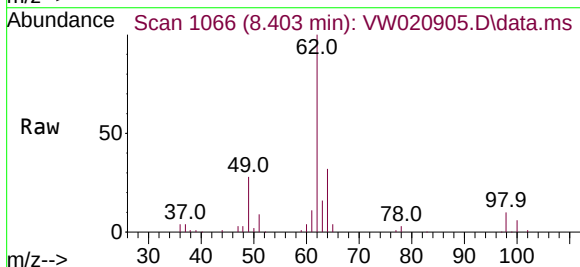
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

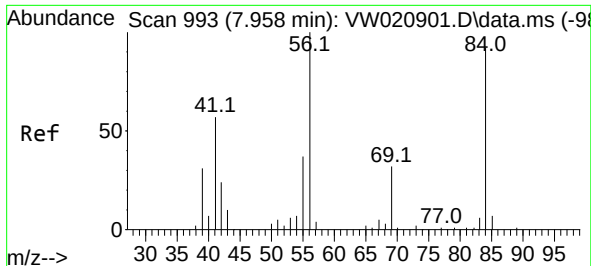
Tgt Ion: 83 Resp: 73216
Ion Ratio Lower Upper
83 100
85 62.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.138 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

Tgt Ion: 62 Resp: 42594
Ion Ratio Lower Upper
62 100
98 9.9 6.5 9.7#





#29

Cyclohexane

Concen: 24.304 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW020905.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025494

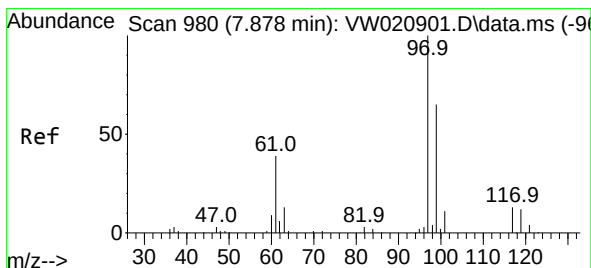
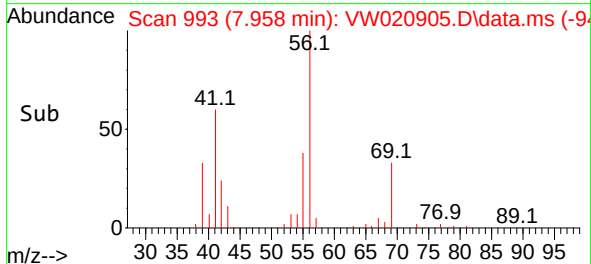
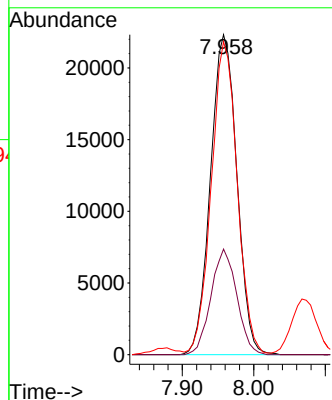
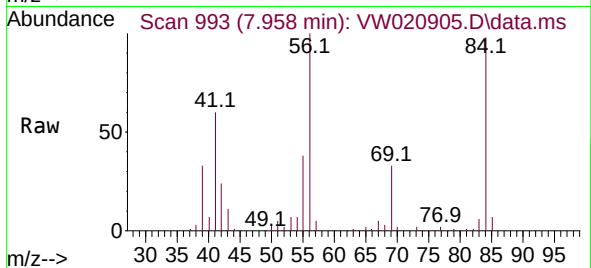
Tgt Ion: 56 Resp: 57284

Ion Ratio Lower Upper

56 100

69 32.3 23.5 35.3

84 96.1 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 26.174 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.000 min

Lab File: VW020905.D

Acq: 16 Nov 2021 11:57

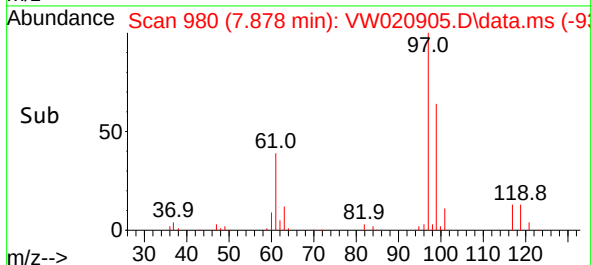
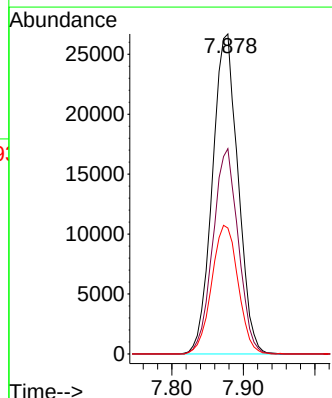
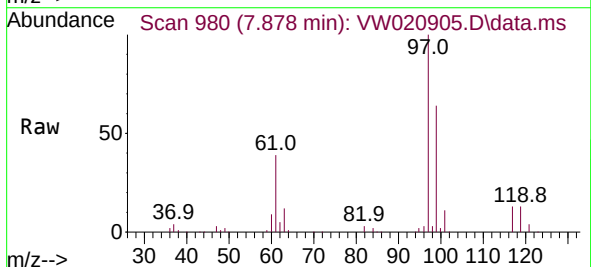
Tgt Ion: 97 Resp: 66544

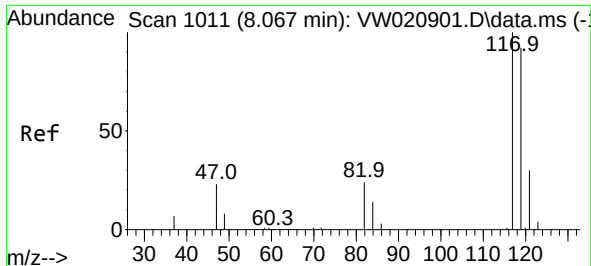
Ion Ratio Lower Upper

97 100

99 63.5 51.6 77.4

61 41.4 40.9 61.3

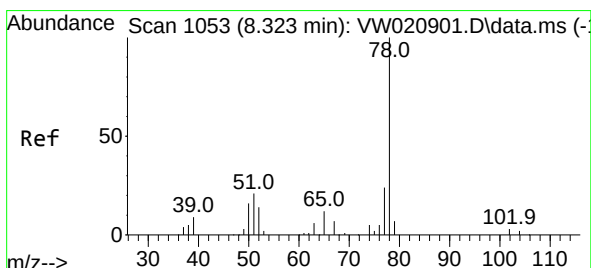
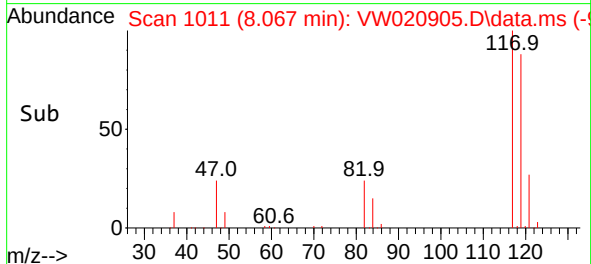
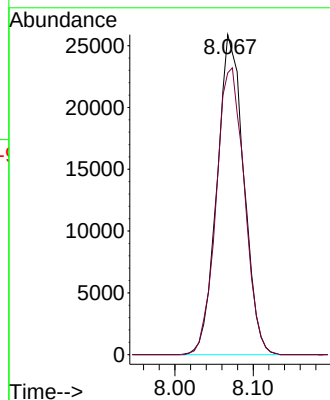
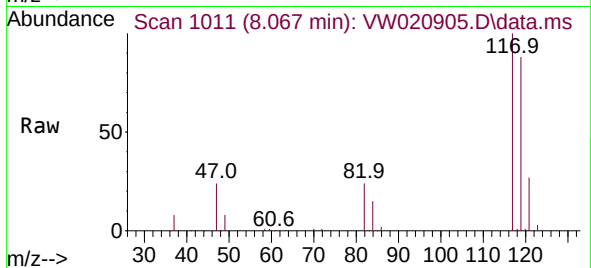




#31
Carbon tetrachloride
Concen: 25.590 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

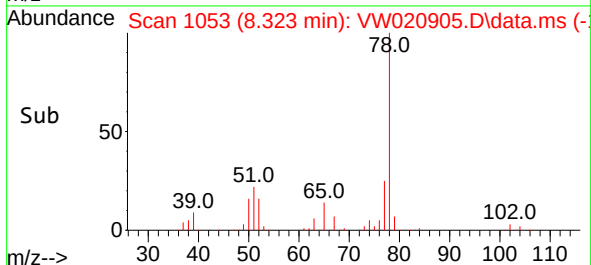
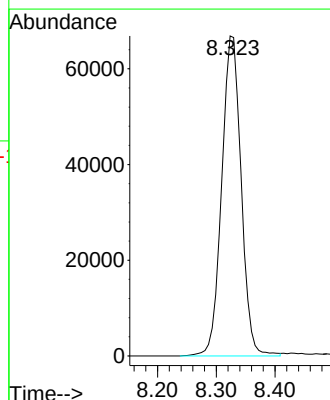
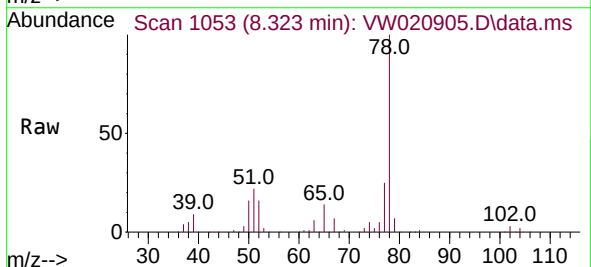
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

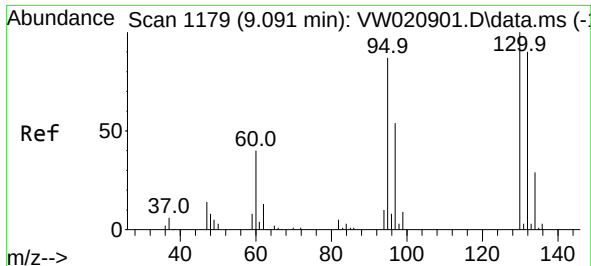
Tgt Ion:117 Resp: 61576
Ion Ratio Lower Upper
117 100
119 94.5 75.7 113.5



#33
Benzene
Concen: 25.738 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

Tgt Ion: 78 Resp: 154069

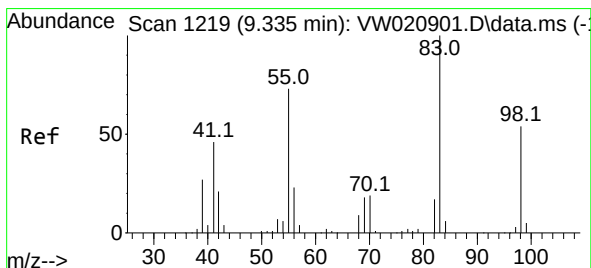
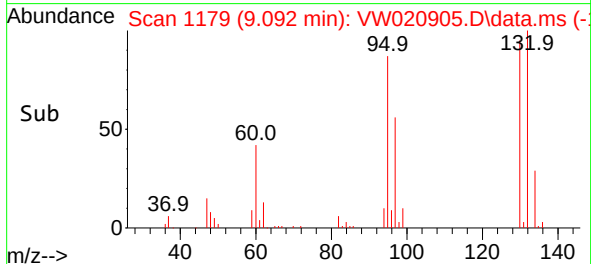
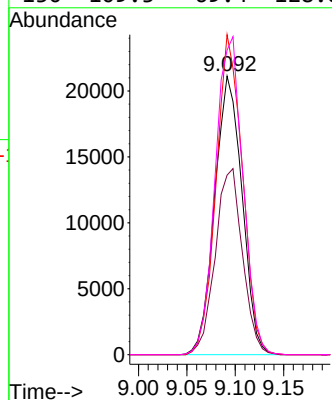
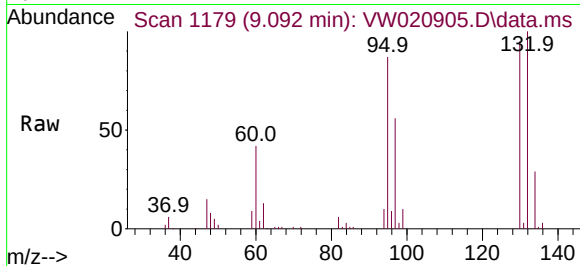




#34
Trichloroethene
Concen: 24.879 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

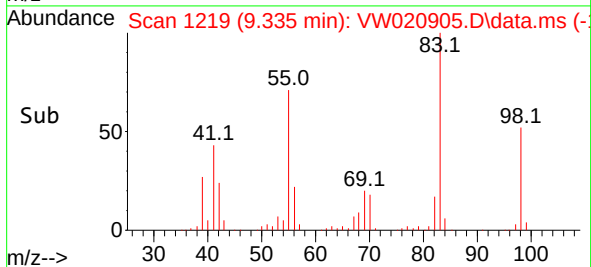
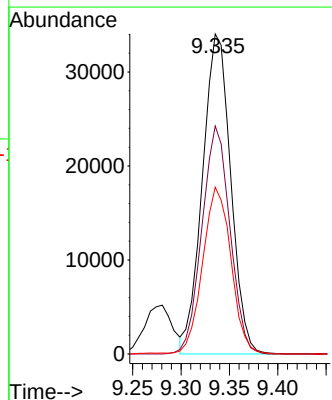
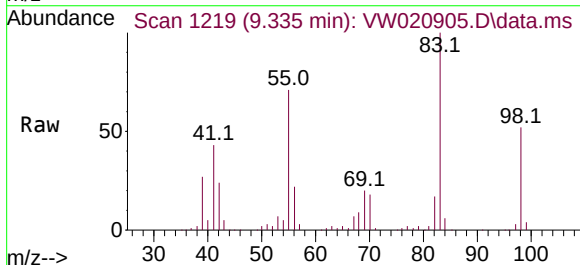
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

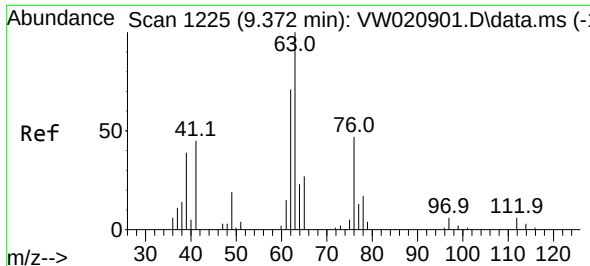
Tgt Ion: 95 Resp: 41655
Ion Ratio Lower Upper
95 100
97 64.4 47.0 87.2
132 114.9 65.5 121.6
130 109.3 69.4 128.8



#35
Methylcyclohexane
Concen: 25.105 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

Tgt Ion: 83 Resp: 69301
Ion Ratio Lower Upper
83 100
55 70.5 70.8 106.2#
98 52.2 37.7 56.5

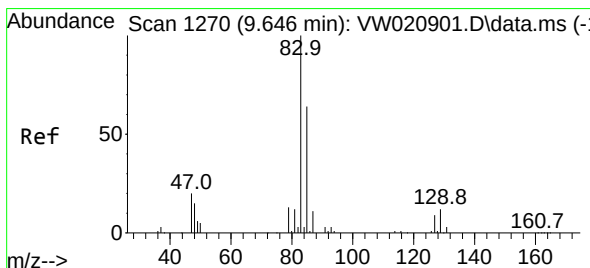
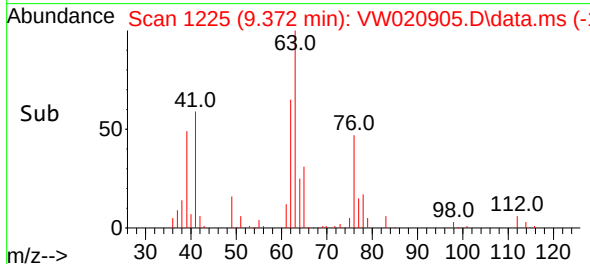
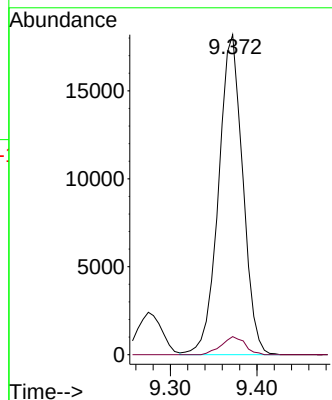
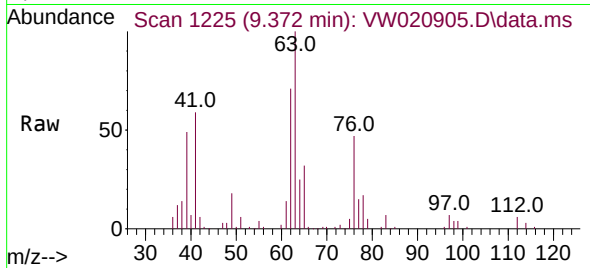




#37
1,2-Dichloropropane
Concen: 25.367 ug/L
RT: 9.372 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

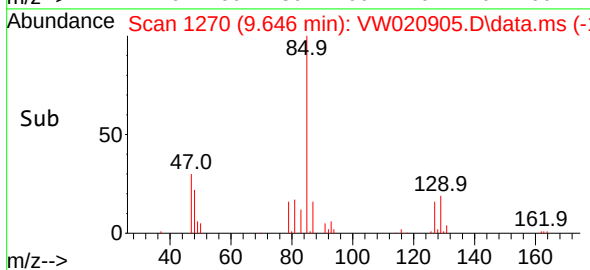
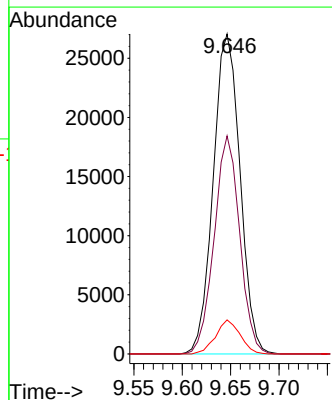
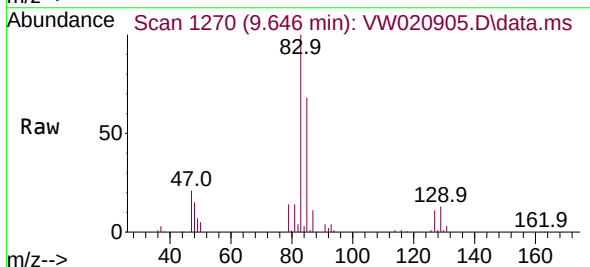
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

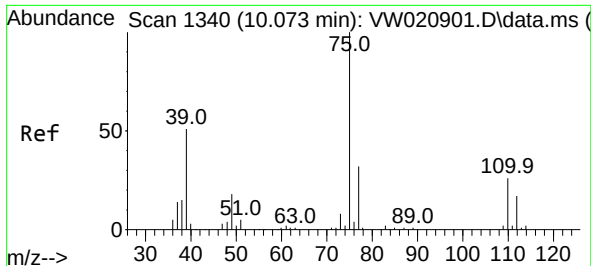
Tgt Ion: 63 Resp: 35339
Ion Ratio Lower Upper
63 100
112 5.5 3.2 4.8#



#38
Bromodichloromethane
Concen: 26.041 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

Tgt Ion: 83 Resp: 52063
Ion Ratio Lower Upper
83 100
85 68.2 44.1 81.9
127 10.7 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 25.878 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW020905.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_W

ClientSampleId :

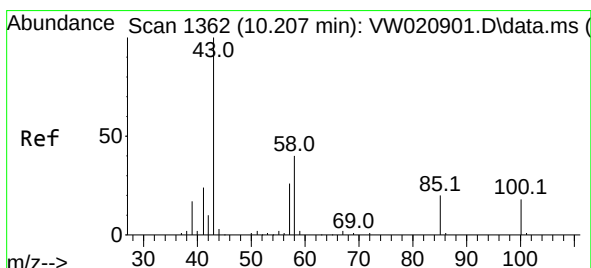
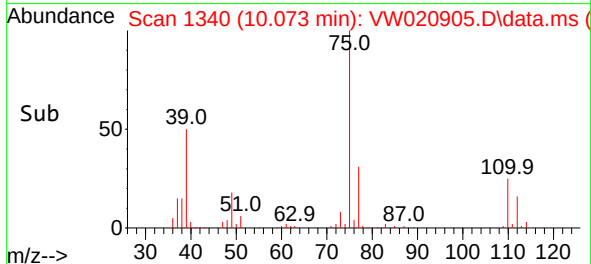
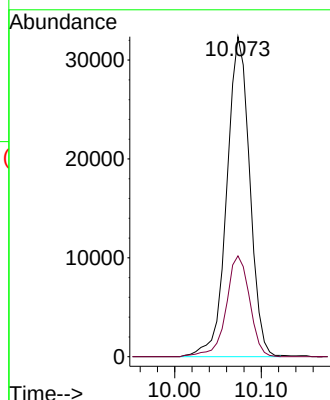
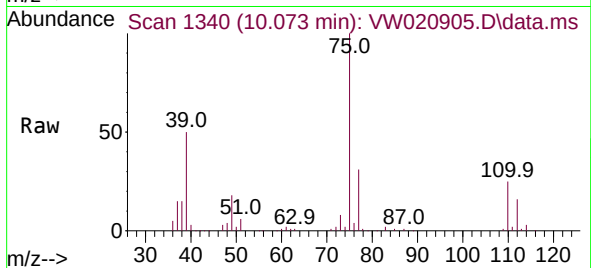
VSTD025494

Tgt Ion: 75 Resp: 59524

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 47.120 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW020905.D

Acq: 16 Nov 2021 11:57

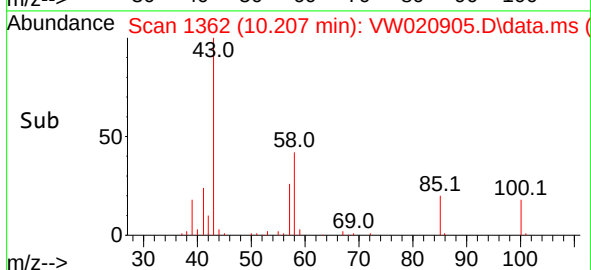
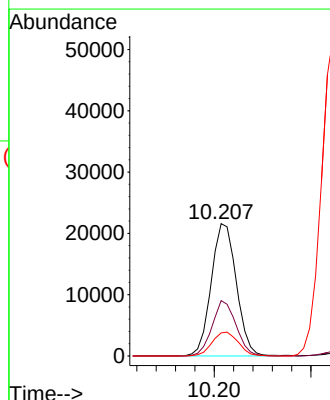
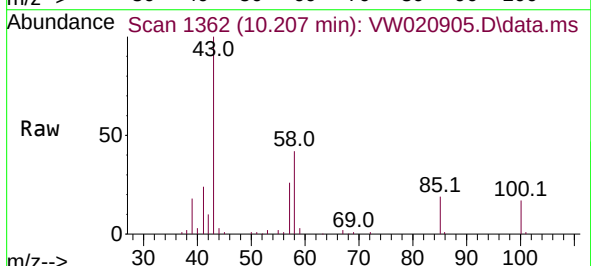
Tgt Ion: 43 Resp: 39071

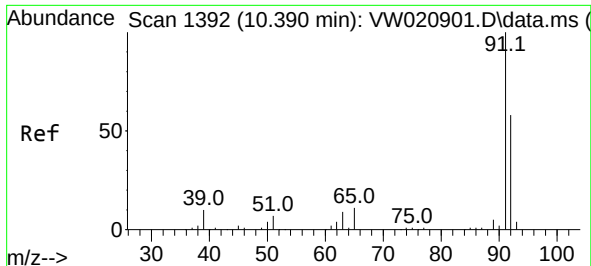
Ion Ratio Lower Upper

43 100

58 39.8 28.8 43.2

100 18.7 10.0 15.0





#42

Toluene

Concen: 25.978 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW020905.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_W

ClientSampleId :

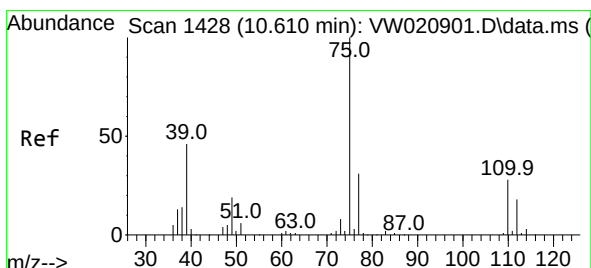
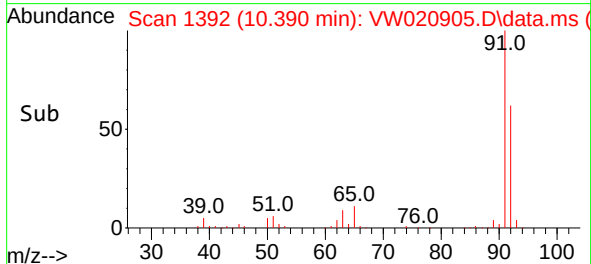
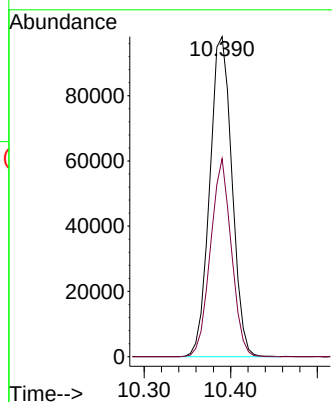
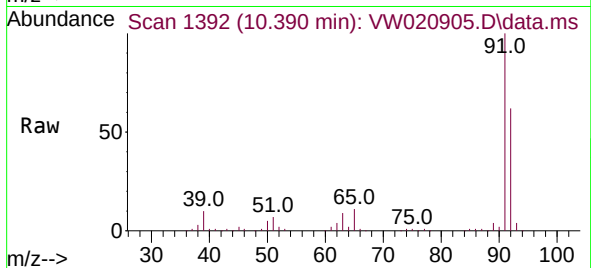
VSTD025494

Tgt Ion: 91 Resp: 174911

Ion Ratio Lower Upper

91 100

92 61.9 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 25.321 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.006 min

Lab File: VW020905.D

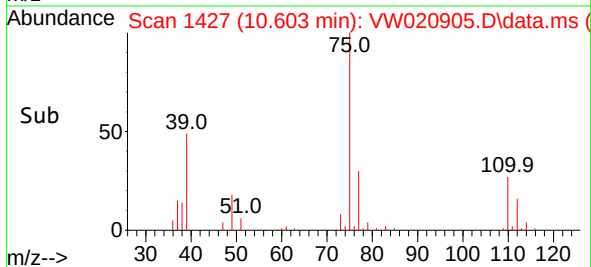
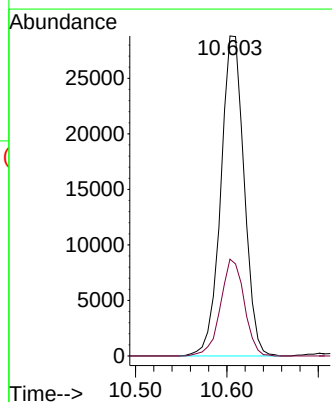
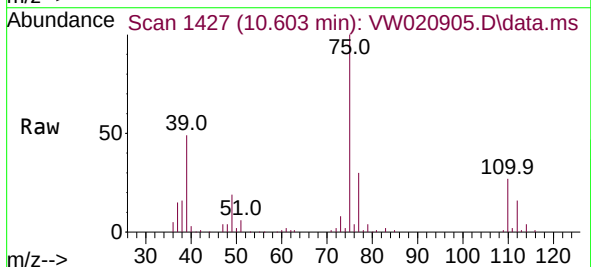
Acq: 16 Nov 2021 11:57

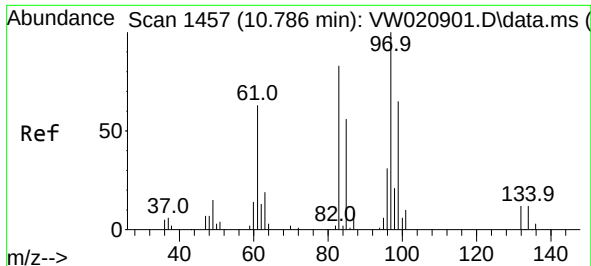
Tgt Ion: 75 Resp: 51187

Ion Ratio Lower Upper

75 100

77 30.2 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 26.073 ug/L

RT: 10.786 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW020905.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025494

Tgt Ion: 97 Resp: 28250

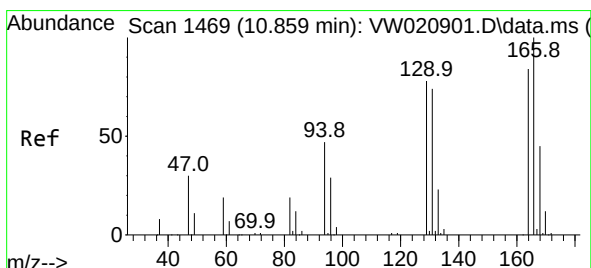
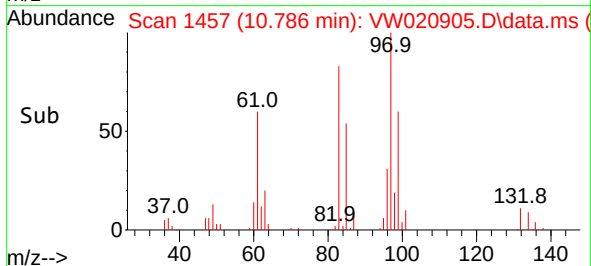
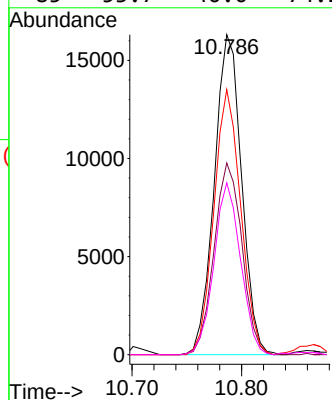
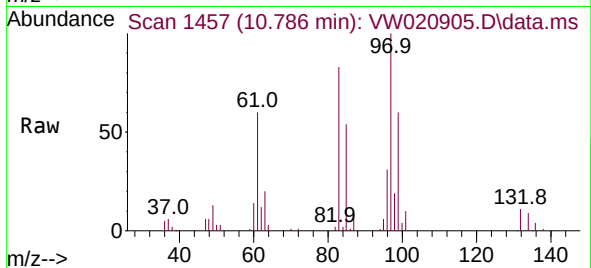
Ion Ratio Lower Upper

97 100

99 59.9 43.0 79.8

83 82.9 62.6 116.3

85 53.7 40.0 74.2



#46

Tetrachloroethene

Concen: 25.532 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW020905.D

Acq: 16 Nov 2021 11:57

Tgt Ion:164 Resp: 39251

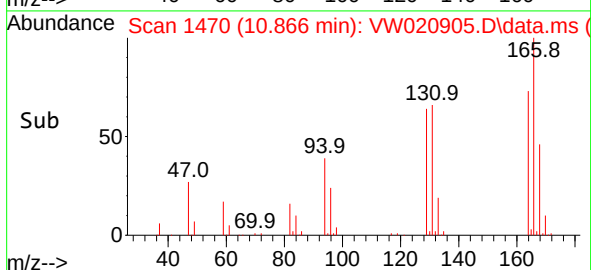
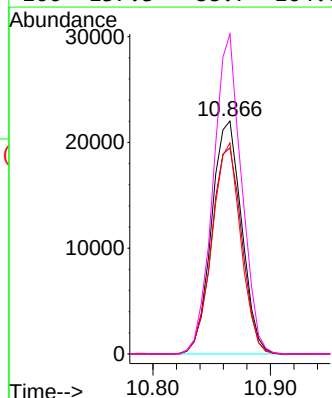
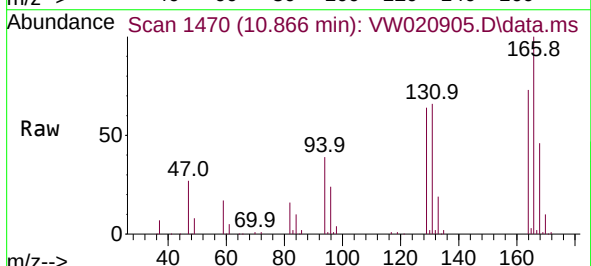
Ion Ratio Lower Upper

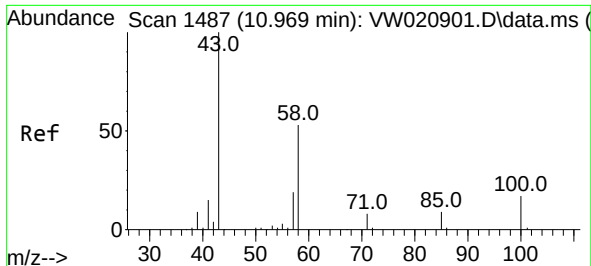
164 100

129 88.4 65.5 121.7

131 90.6 59.7 110.9

166 137.3 88.7 164.7

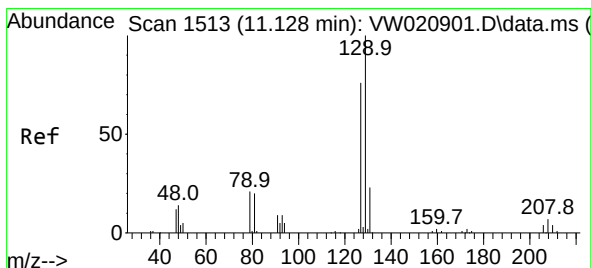
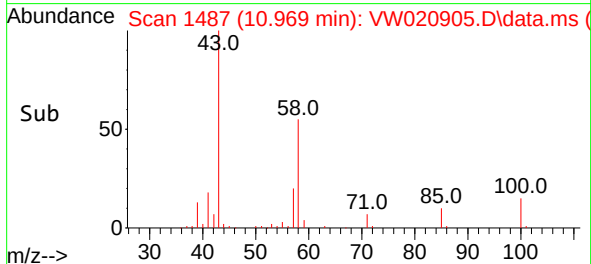
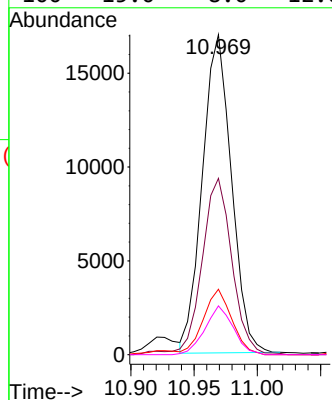
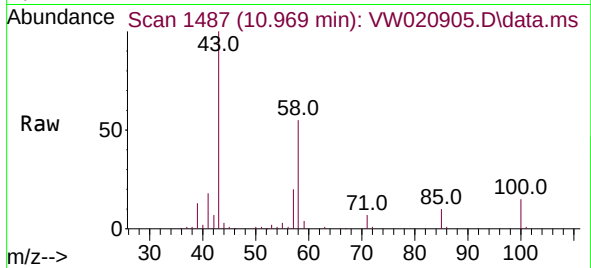




#48
2-Hexanone
Concen: 47.211 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

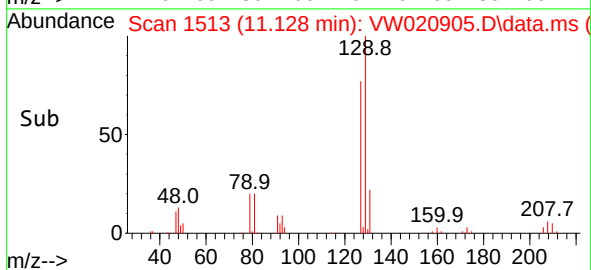
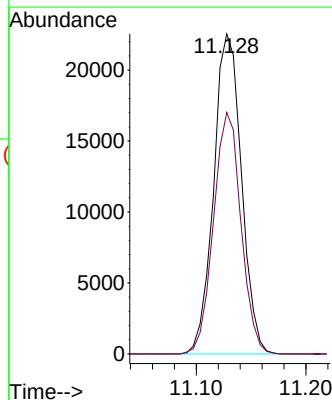
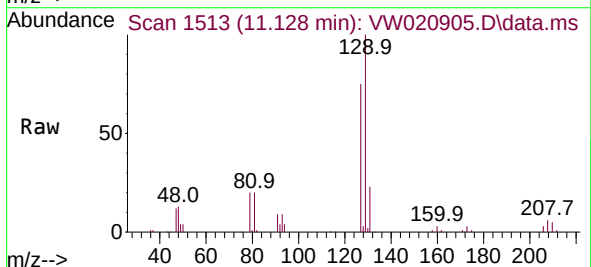
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

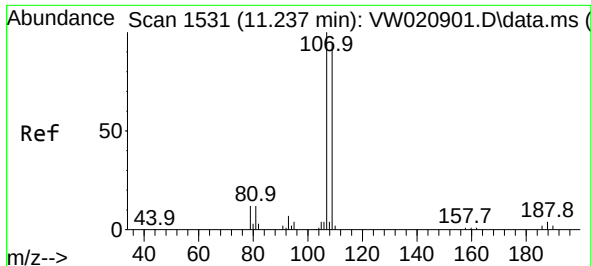
Tgt Ion:	43	Resp:	27116
Ion	Ratio	Lower	Upper
43	100		
58	55.5	40.2	60.2
57	20.1	14.3	21.5
100	15.0	8.0	12.0



#49
Dibromochloromethane
Concen: 26.549 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

Tgt Ion:	129	Resp:	39658
Ion	Ratio	Lower	Upper
129	100		
127	75.4	55.7	103.5





#50

1,2-Dibromoethane

Concen: 25.592 ug/L

RT: 11.237 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020905.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025494

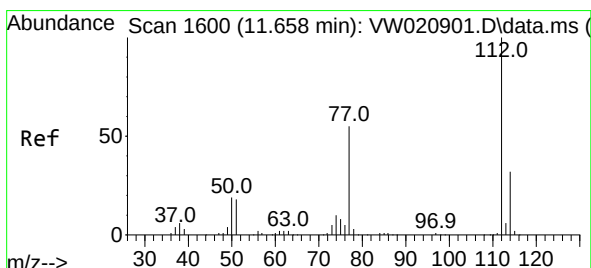
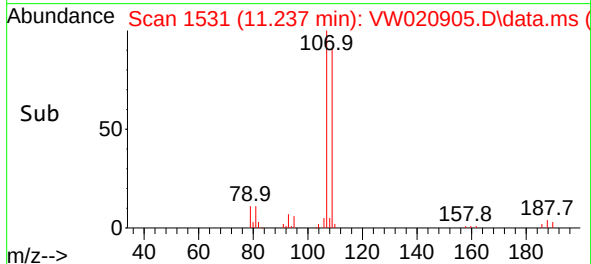
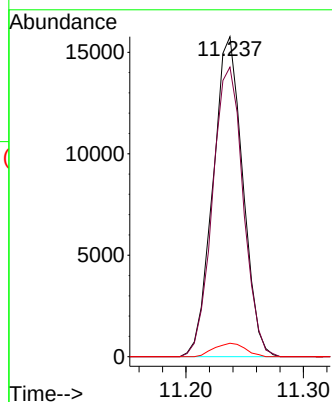
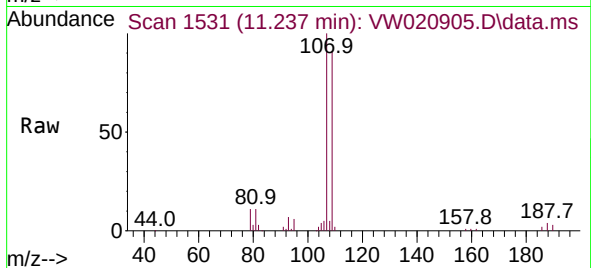
Tgt Ion:107 Resp: 27800

Ion Ratio Lower Upper

107 100

109 90.5 64.1 119.1

188 4.2 2.6 3.8#



#51

Chlorobenzene

Concen: 26.023 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW020905.D

Acq: 16 Nov 2021 11:57

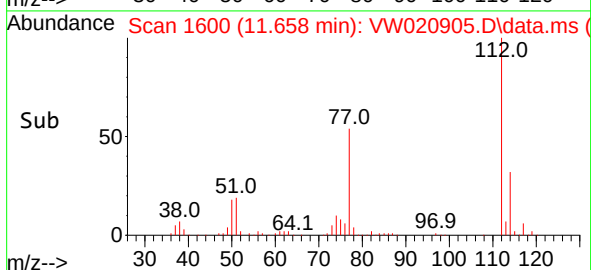
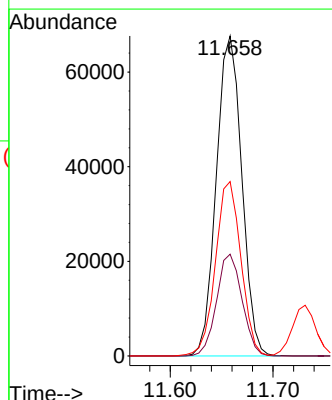
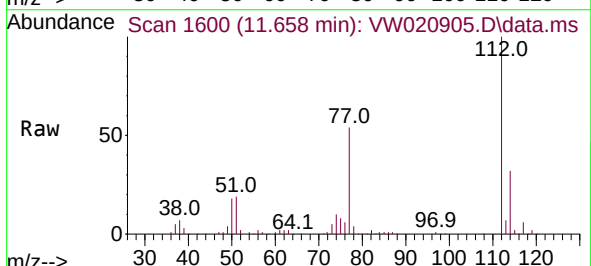
Tgt Ion:112 Resp: 116535

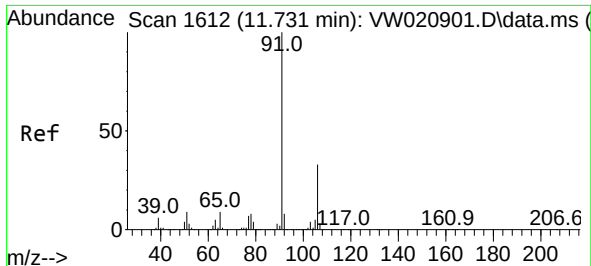
Ion Ratio Lower Upper

112 100

114 31.8 22.4 41.6

77 54.5 50.2 75.4

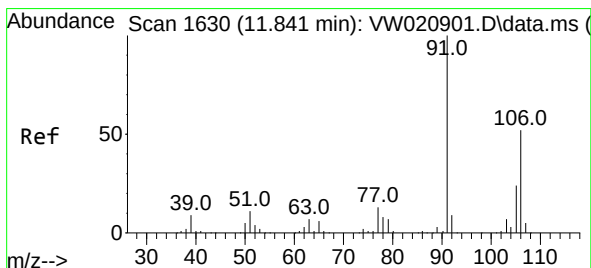
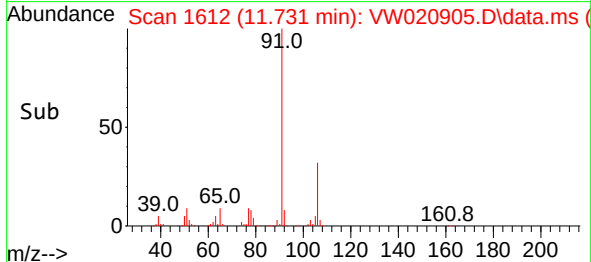
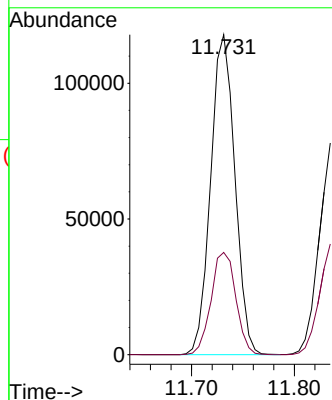
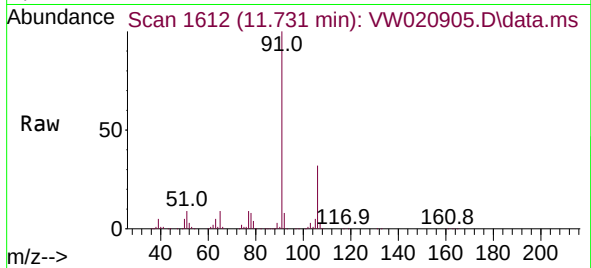




#52
Ethylbenzene
Concen: 25.856 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

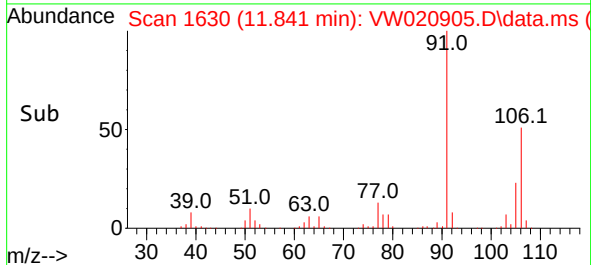
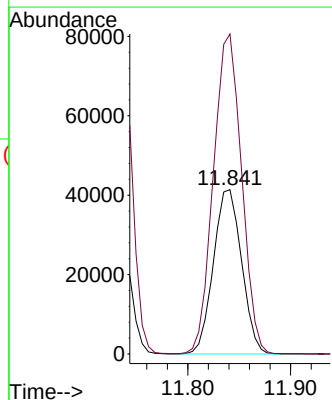
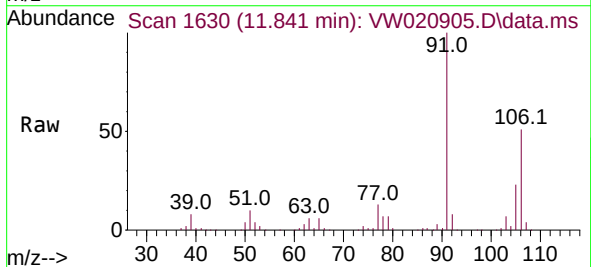
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

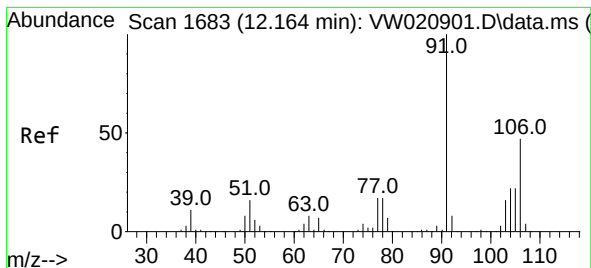
Tgt Ion: 91 Resp: 192911
Ion Ratio Lower Upper
91 100
106 32.0 21.5 39.9



#53
m,p-Xylene
Concen: 25.876 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

Tgt Ion: 106 Resp: 78819
Ion Ratio Lower Upper
106 100
91 194.7 149.9 278.3





#54

o-Xylene

Concen: 25.649 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020905.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_W

ClientSampleId :

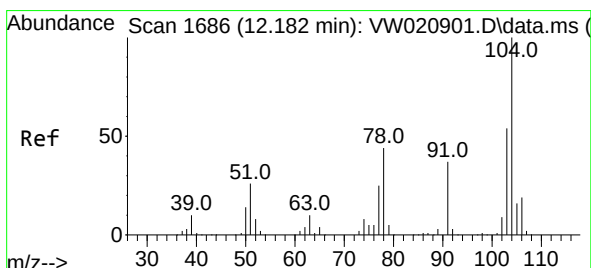
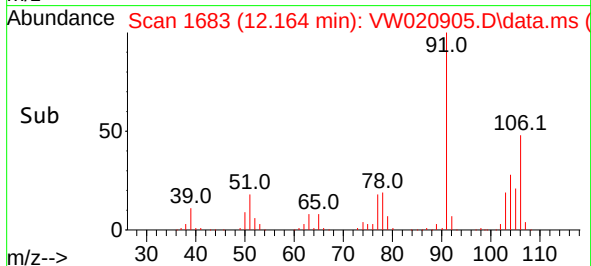
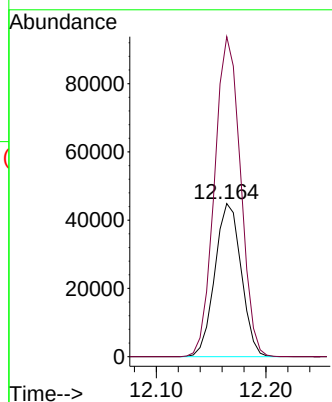
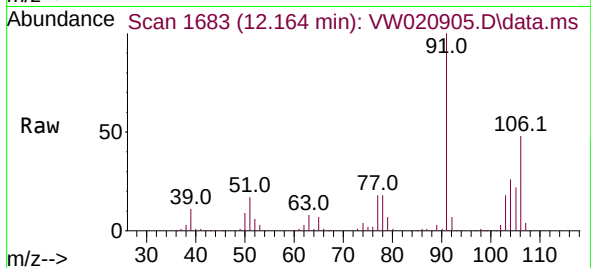
VSTD025494

Tgt Ion:106 Resp: 75034

Ion Ratio Lower Upper

106 100

91 209.0 153.6 285.3



#55

Styrene

Concen: 26.245 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW020905.D

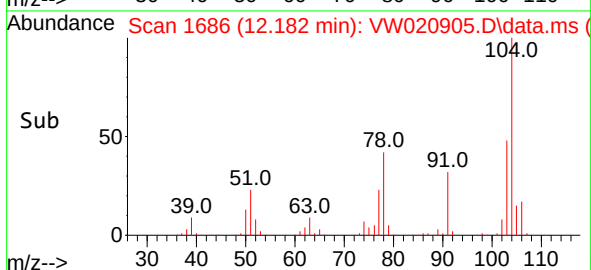
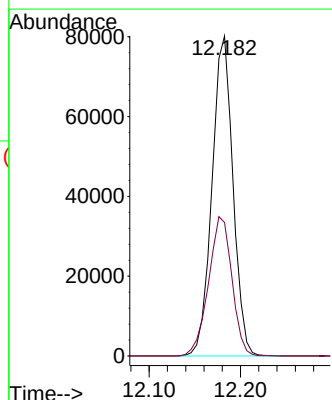
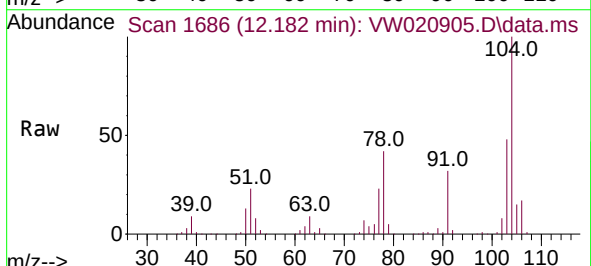
Acq: 16 Nov 2021 11:57

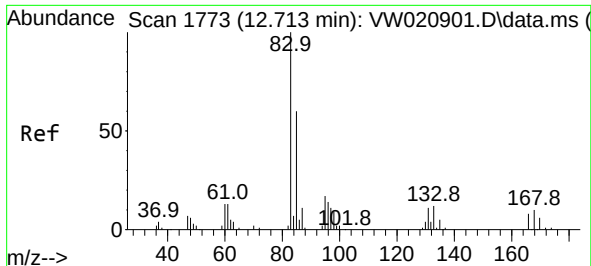
Tgt Ion:104 Resp: 127489

Ion Ratio Lower Upper

104 100

78 41.7 34.4 64.0





#57

1,1,2-Tetrachloroethane

Concen: 25.945 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020905.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025494

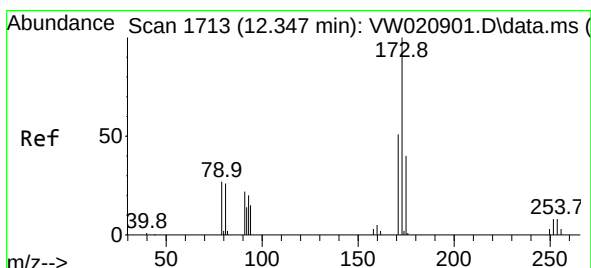
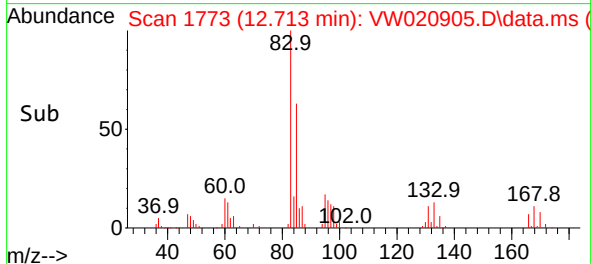
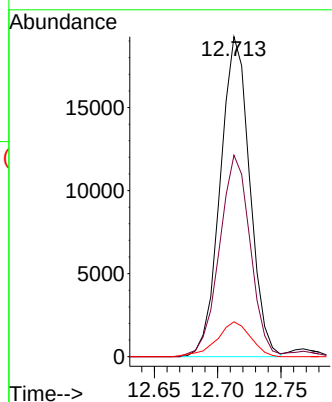
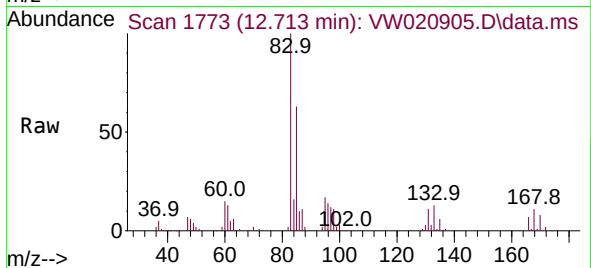
Tgt Ion: 83 Resp: 31157

Ion Ratio Lower Upper

83 100

85 62.9 44.0 81.6

131 10.9 6.9 10.3#



#59

Bromoform

Concen: 25.862 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.006 min

Lab File: VW020905.D

Acq: 16 Nov 2021 11:57

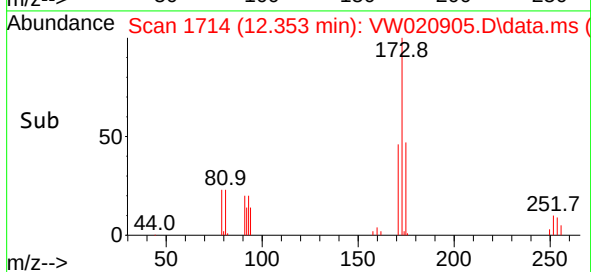
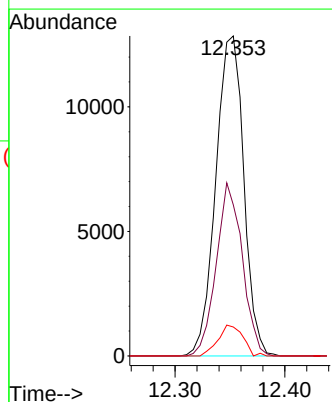
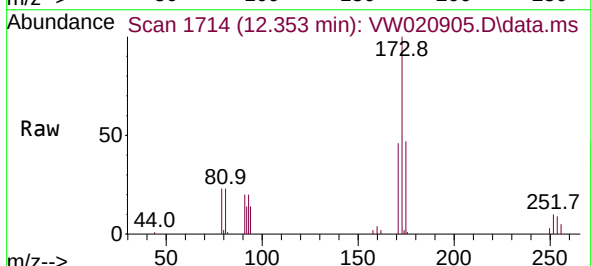
Tgt Ion:173 Resp: 22792

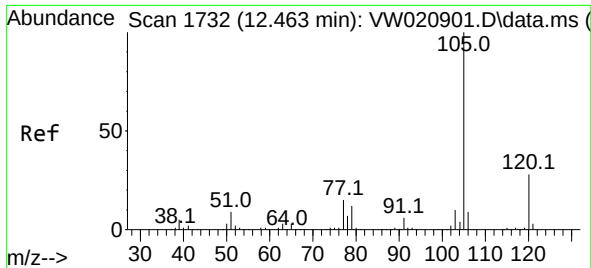
Ion Ratio Lower Upper

173 100

175 50.3 39.6 59.4

254 8.4 7.4 11.0

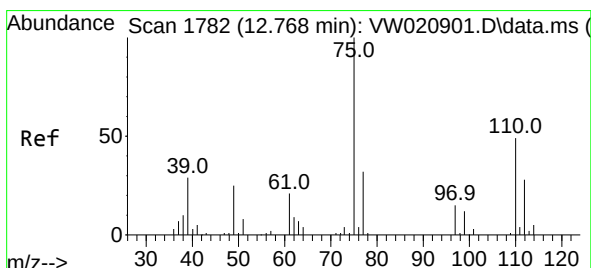
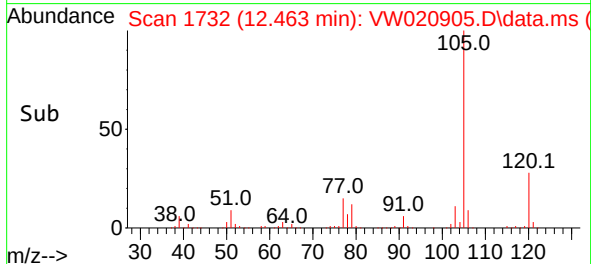
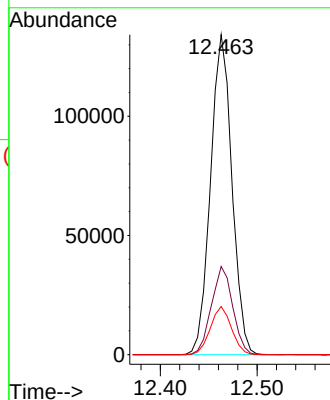
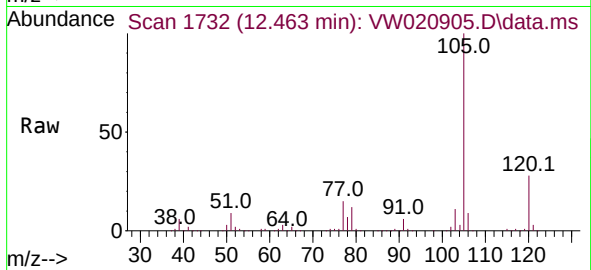




#60
Isopropylbenzene
Concen: 25.614 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

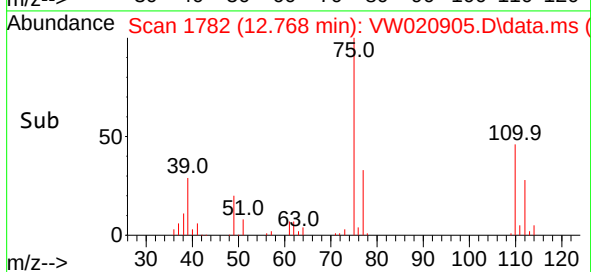
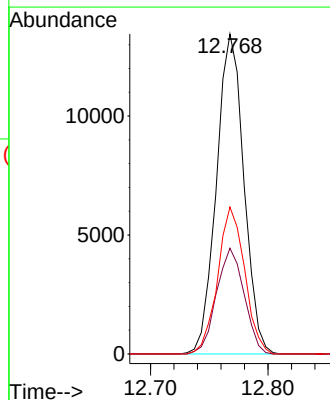
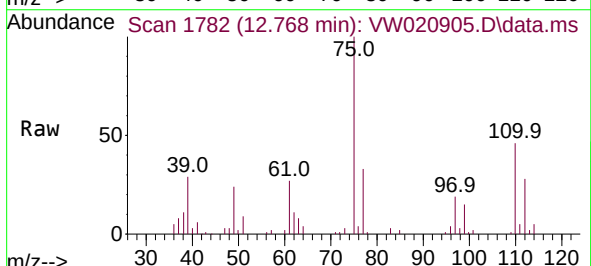
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

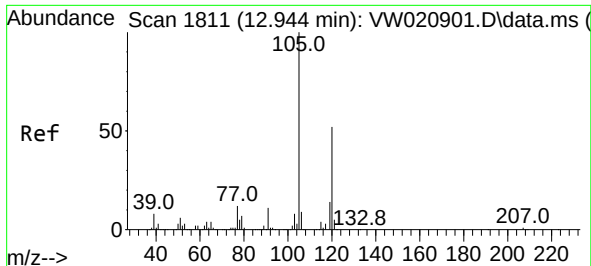
Tgt Ion:105 Resp: 206195
Ion Ratio Lower Upper
105 100
120 27.4 20.1 30.1
77 14.9 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 25.175 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

Tgt Ion: 75 Resp: 21826
Ion Ratio Lower Upper
75 100
77 33.2 25.8 38.8
110 45.1 29.0 43.4#

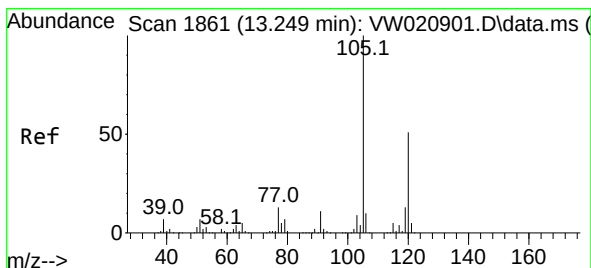
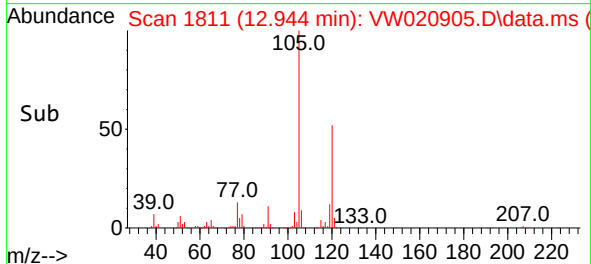
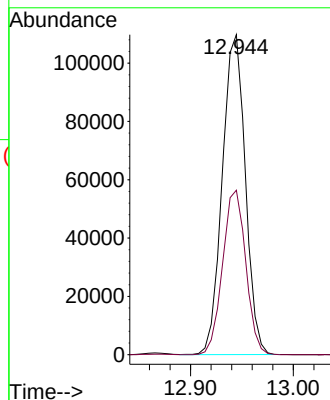
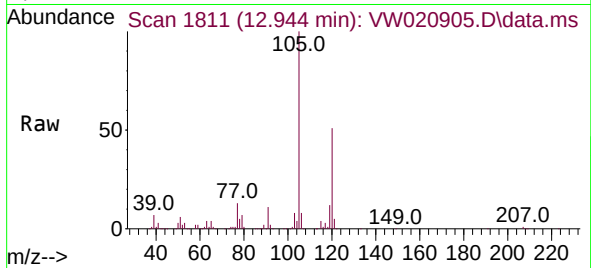




#62
 1,3,5-Trimethylbenzene
 Concen: 25.133 ug/L
 RT: 12.944 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: VW020905.D
 Acq: 16 Nov 2021 11:57

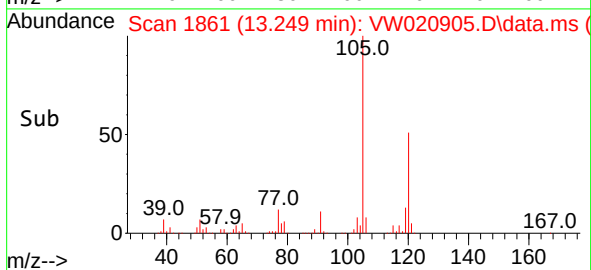
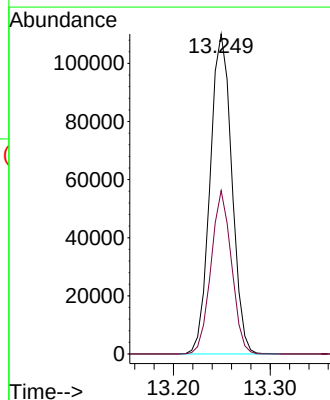
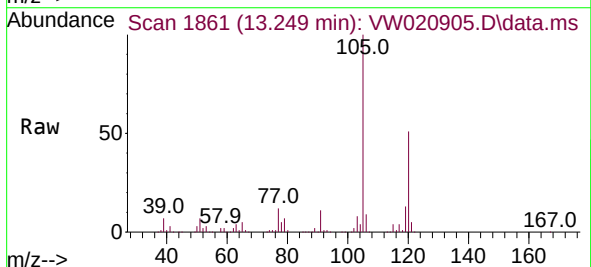
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025494

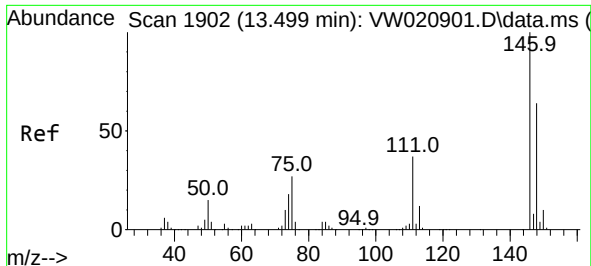
Tgt Ion:105 Resp: 170679
 Ion Ratio Lower Upper
 105 100
 120 51.7 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 25.673 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW020905.D
 Acq: 16 Nov 2021 11:57

Tgt Ion:105 Resp: 172016
 Ion Ratio Lower Upper
 105 100
 120 48.1 35.0 52.6

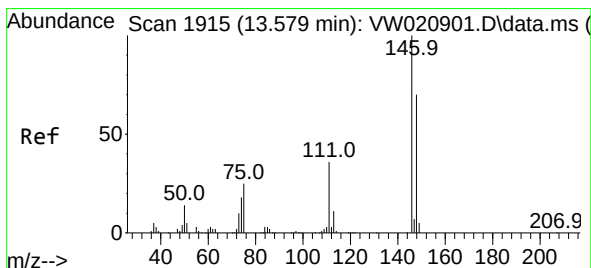
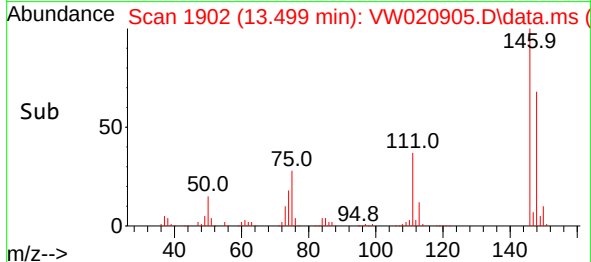
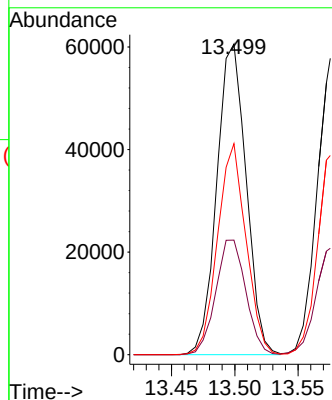
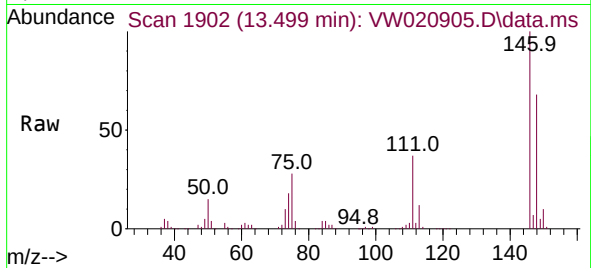




#64
1,3-Dichlorobenzene
Concen: 25.902 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

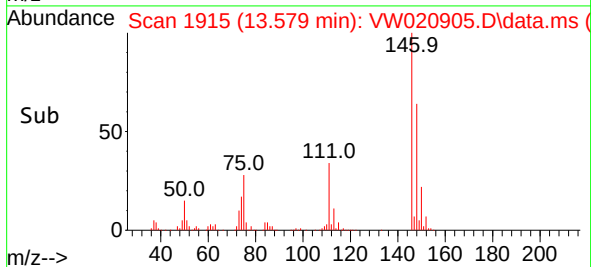
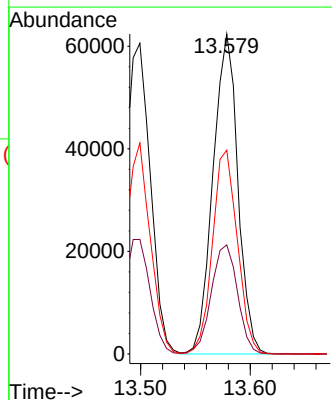
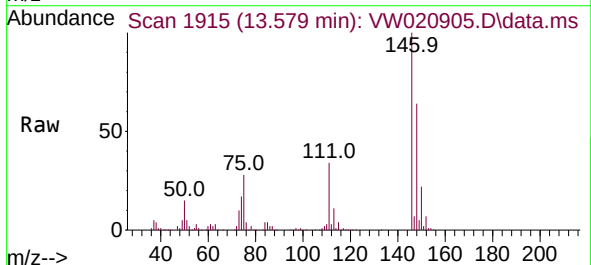
Instrument :
MSVOA_W
ClientSampleId :
VSTD025494

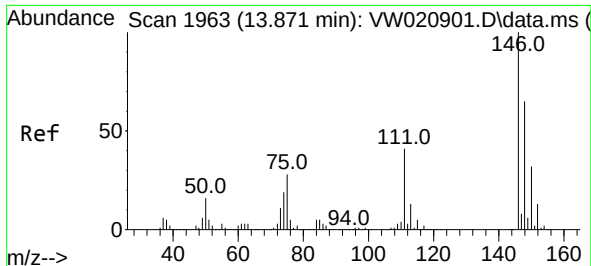
Tgt Ion:146 Resp: 97761
Ion Ratio Lower Upper
146 100
111 36.9 29.8 55.3
148 67.9 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 25.861 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020905.D
Acq: 16 Nov 2021 11:57

Tgt Ion:146 Resp: 98459
Ion Ratio Lower Upper
146 100
111 34.1 29.0 53.9
148 63.7 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 25.703 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VW020905.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025494

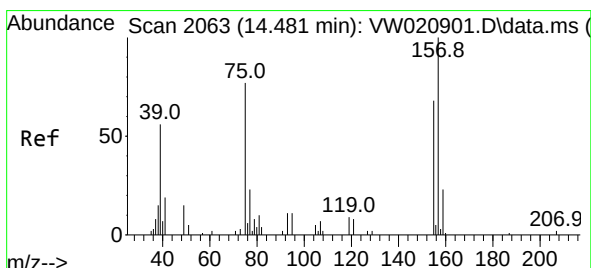
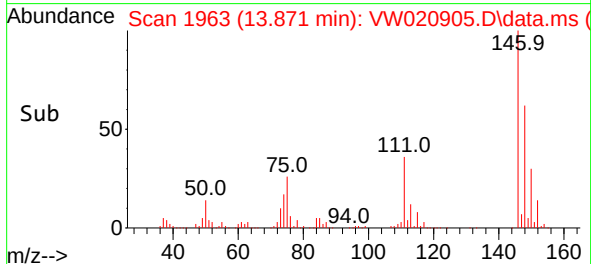
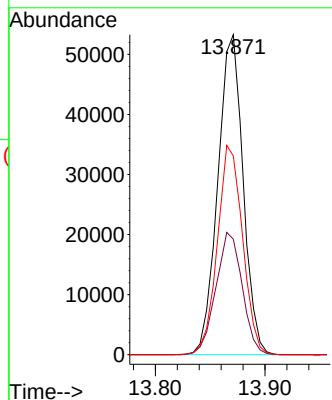
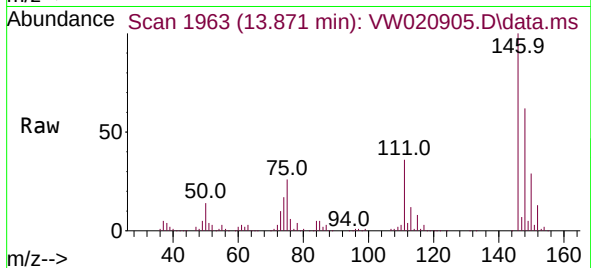
Tgt Ion:146 Resp: 85486

Ion Ratio Lower Upper

146 100

111 36.1 33.1 49.7

148 62.1 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 23.183 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW020905.D

Acq: 16 Nov 2021 11:57

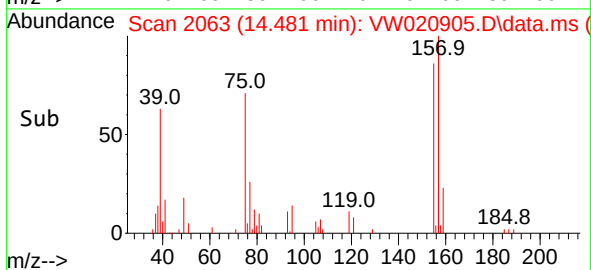
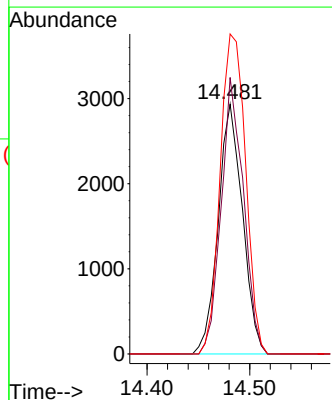
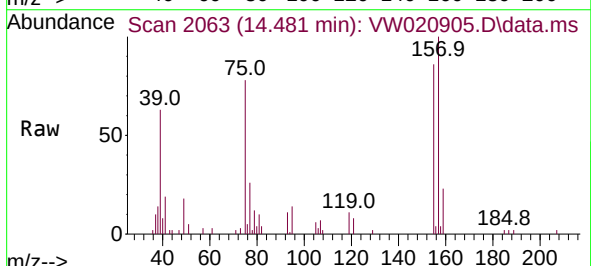
Tgt Ion: 75 Resp: 4805

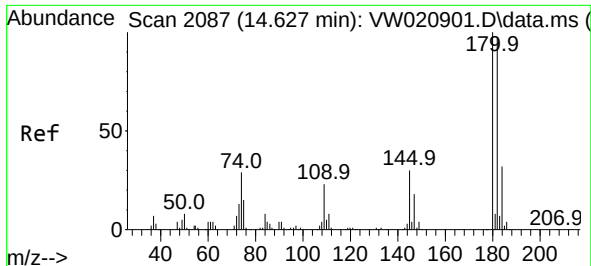
Ion Ratio Lower Upper

75 100

155 110.7 54.2 81.2#

157 128.2 69.4 104.2#

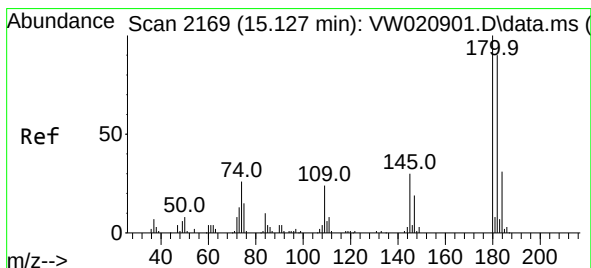
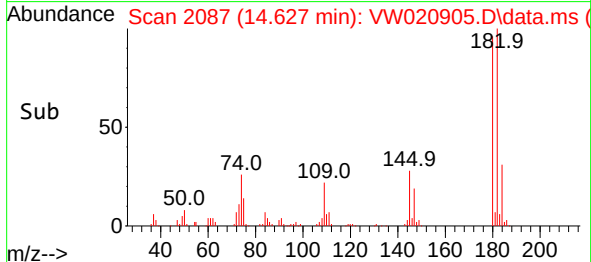
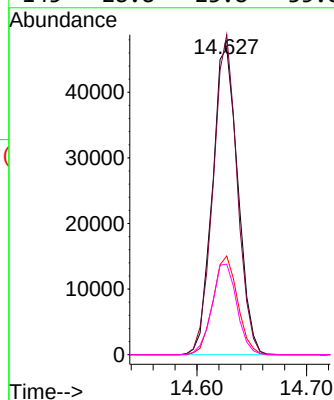
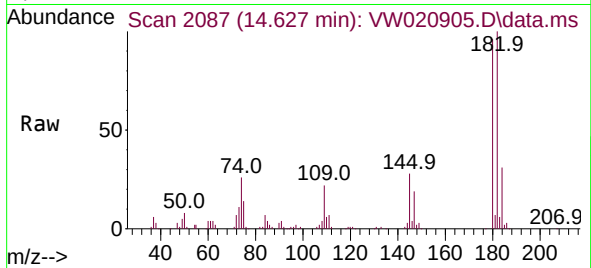




#69
 1,3,5-Trichlorobenzene
 Concen: 25.351 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW020905.D
 Acq: 16 Nov 2021 11:57

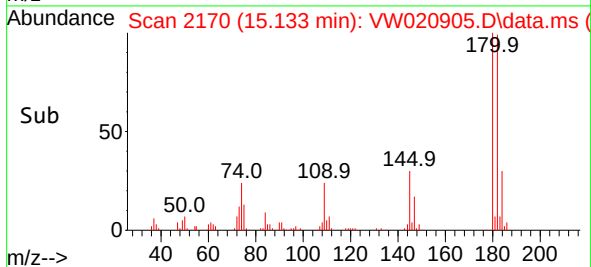
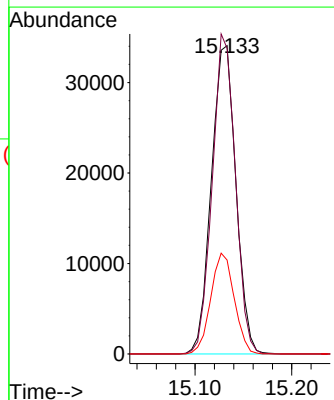
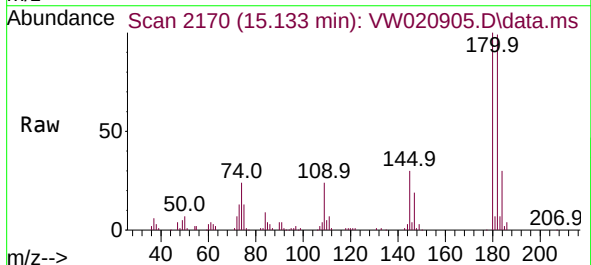
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025494

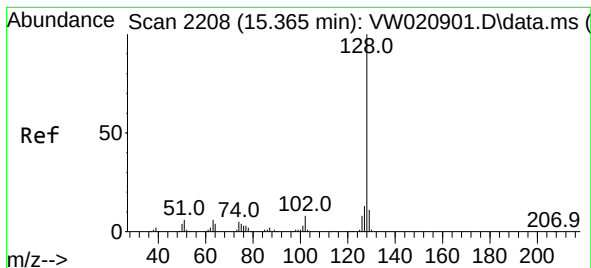
Tgt Ion:	180	Resp:	75782
Ion Ratio	Lower	Upper	
180	100		
182	97.9	75.4	113.0
184	30.9	23.8	35.8
145	28.8	23.8	35.8



#70
 1,2,4-trichlorobenzene
 Concen: 24.621 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW020905.D
 Acq: 16 Nov 2021 11:57

Tgt Ion:	180	Resp:	60214
Ion Ratio	Lower	Upper	
180	100		
182	97.2	79.0	118.6
145	31.2	26.0	39.0





#71

Naphthalene

Concen: 25.328 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VW020905.D

Acq: 16 Nov 2021 11:57

Instrument :

MSVOA_W

ClientSampleId :

VSTD025494

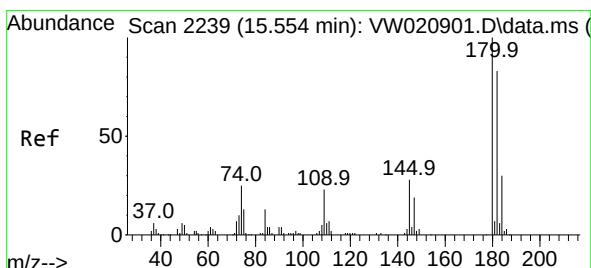
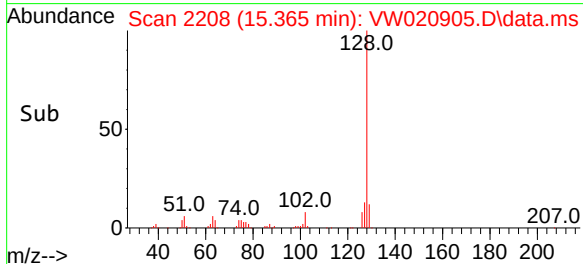
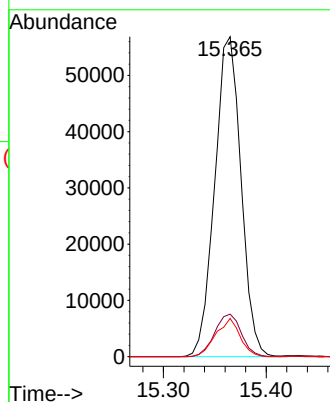
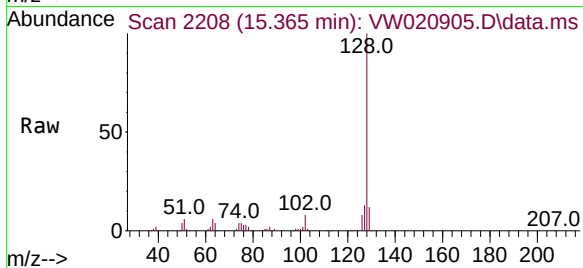
Tgt Ion:128 Resp: 100931

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 25.156 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW020905.D

Acq: 16 Nov 2021 11:57

Tgt Ion:180 Resp: 51916

Ion Ratio Lower Upper

180 100

182 91.3 76.6 114.8

145 30.6 27.4 41.0

