

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042522\
 Data File : VW022607.D
 Acq On : 25 Apr 2022 09:52
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025497

Quant Time: Apr 26 01:31:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 22 01:17:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	324011	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	318918	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	179843	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	151722	21.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.720%
7) Chloroethane-d5	2.885	69	107191	23.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.520%
11) 1,1-Dichloroethene-d2	4.019	63	238668	25.690	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.760%
21) 2-Butanone-d5	7.073	46	70099	56.055	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.100%
24) Chloroform-d	7.647	84	266888	26.353	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	8.305	65	144621	24.993	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.960%
32) Benzene-d6	8.274	84	501290	25.727	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.920%
36) 1,2-Dichloropropane-d6	9.274	67	141684	25.127	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.520%
41) Toluene-d8	10.323	98	493746	25.873	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.480%
43) trans-1,3-Dichloroprop...	10.579	79	66323	24.923	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.680%
47) 2-Hexanone-d5	10.920	63	59364	56.587	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	133539	27.853	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	13.847	152	176651	27.731	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	31388	19.762	ug/L	93
3) Chloromethane	2.221	50	83117	20.989	ug/L	98
5) Vinyl chloride	2.367	62	175696	21.263	ug/L	97
6) Bromomethane	2.782	94	102211	20.348	ug/L	97
8) Chloroethane	2.922	64	86919	24.027	ug/L	99
9) Trichlorofluoromethane	3.263	101	98361	32.243	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	133009	27.381	ug/L	95
12) 1,1-Dichloroethene	4.037	96	115700	26.521	ug/L	93
13) Acetone	4.117	43	58332	68.509	ug/L	96
14) Carbon disulfide	4.385	76	291855	20.336	ug/L	98
15) Methyl Acetate	4.671	43	56207	26.306	ug/L	91
16) Methylene chloride	4.915	84	123126	25.254	ug/L	89
17) trans-1,2-Dichloroethene	5.421	96	129511	25.342	ug/L	94
18) Methyl tert-butyl Ether	5.427	73	224106	26.850	ug/L	95
19) 1,1-Dichloroethane	6.214	63	232530	24.936	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	146101	27.068	ug/L #	85
22) 2-Butanone	7.171	43	79791	62.047	ug/L	97
23) Bromochloromethane	7.512	128	64686	27.847	ug/L	86
25) Chloroform	7.677	83	260274	26.501	ug/L	98

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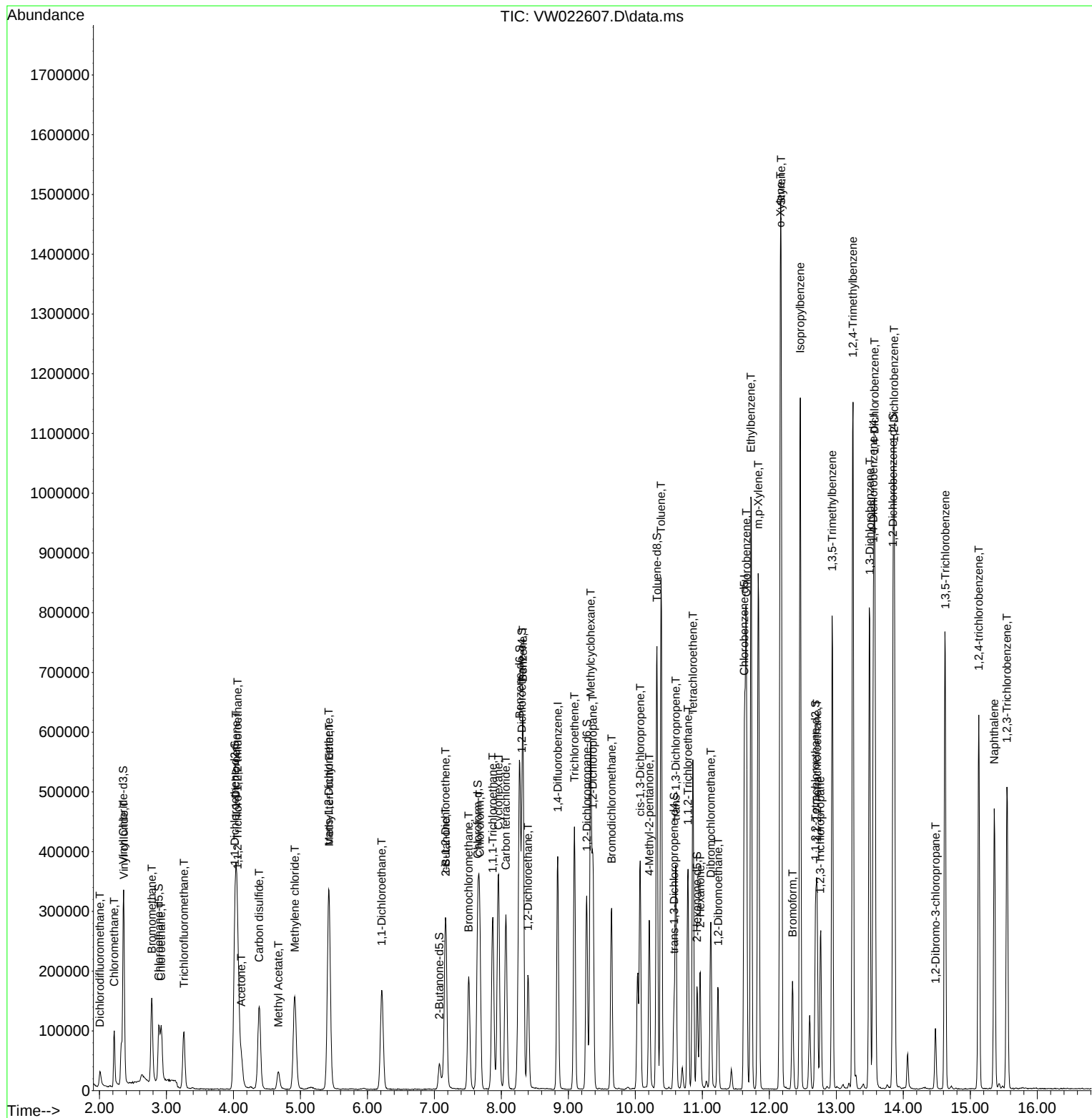
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	171524	24.848	ug/L	96
29) Cyclohexane	7.957	56	197721	21.662	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	230102	26.010	ug/L	97
31) Carbon tetrachloride	8.067	117	212805	26.801	ug/L	99
33) Benzene	8.323	78	537625	24.830	ug/L	100
34) Trichloroethene	9.091	95	144728	24.964	ug/L	96
35) Methylcyclohexane	9.335	83	237983	22.880	ug/L	95
37) 1,2-Dichloropropane	9.366	63	131580	25.366	ug/L	98
38) Bromodichloromethane	9.646	83	194720	26.104	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	217907	26.474	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	174305	55.062	ug/L	94
42) Toluene	10.384	91	617855	24.902	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	196872	26.712	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	112914	28.522	ug/L	99
46) Tetrachloroethene	10.859	164	116423	27.319	ug/L	86
48) 2-Hexanone	10.969	43	121301	54.315	ug/L #	96
49) Dibromochloromethane	11.128	129	139771	29.604	ug/L	90
50) 1,2-Dibromoethane	11.237	107	111793	28.598	ug/L	94
51) Chlorobenzene	11.658	112	409925	27.036	ug/L	93
52) Ethylbenzene	11.725	91	702313	25.253	ug/L	96
53) m,p-Xylene	11.835	106	280340	26.511	ug/L	91
54) o-Xylene	12.164	106	271448	26.863	ug/L	88
55) Styrene	12.176	104	470778	27.269	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	143204	29.472	ug/L	97
59) Bromoform	12.347	173	75263	28.163	ug/L	99
60) Isopropylbenzene	12.463	105	735967	24.635	ug/L	98
61) 1,2,3-Trichloropropane	12.761	75	102024	26.668	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	417821	25.431	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	624412	24.992	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	328504	27.094	ug/L	99
65) 1,4-Dichlorobenzene	13.572	146	322050	26.633	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	289383	26.688	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	23539	26.530	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.627	180	223569	28.262	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	178181	26.819	ug/L	98
71) Naphthalene	15.359	128	400222	28.561	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	157219	27.685	ug/L	96

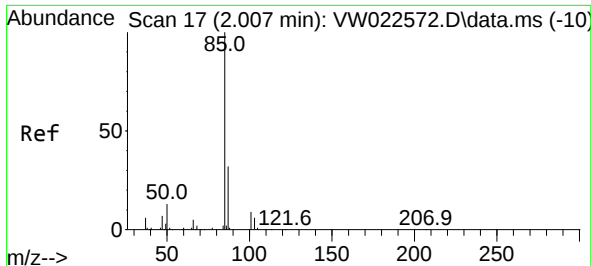
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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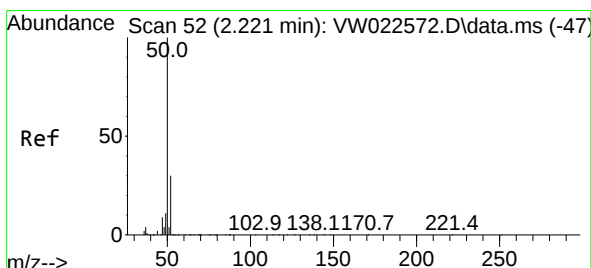
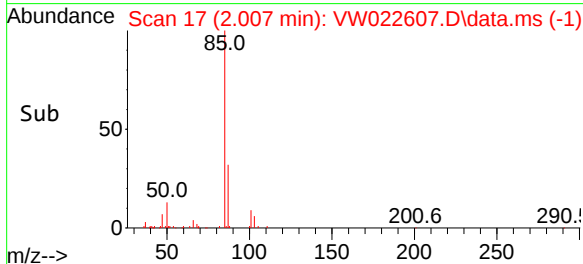
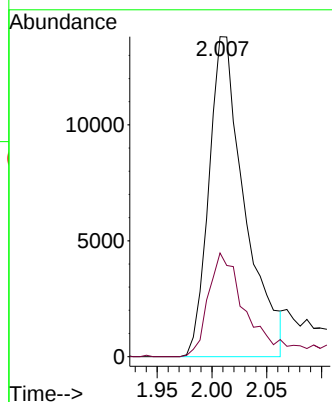
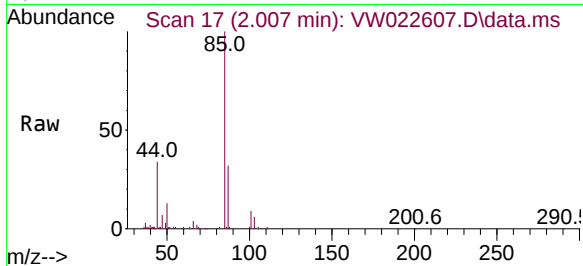




#2
 Dichlorodifluoromethane
 Concen: 19.762 ug/L
 RT: 2.007 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: VW022607.D
 Acq: 25 Apr 2022 09:52

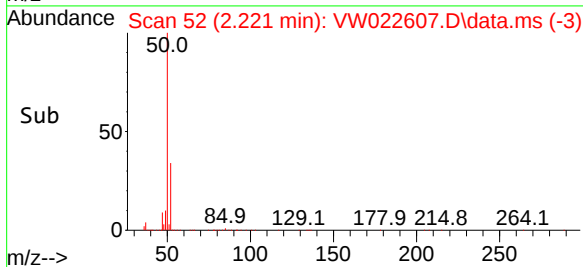
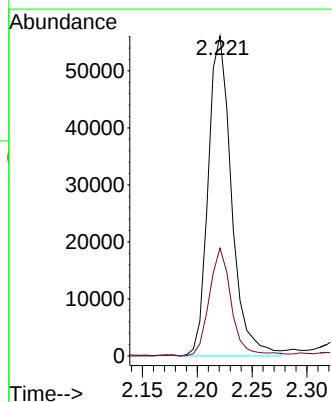
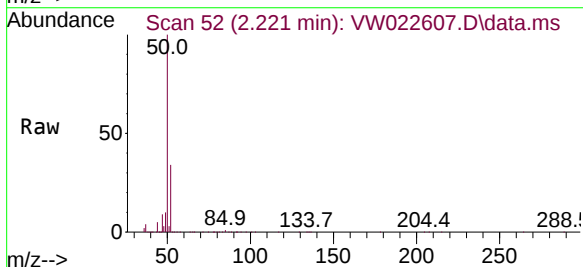
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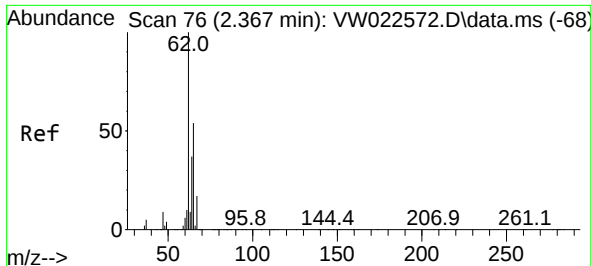
Tgt Ion: 85 Resp: 31388
 Ion Ratio Lower Upper
 85 100
 87 33.3 23.7 35.5



#3
 Chloromethane
 Concen: 20.989 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW022607.D
 Acq: 25 Apr 2022 09:52

Tgt Ion: 50 Resp: 83117
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.0 42.6

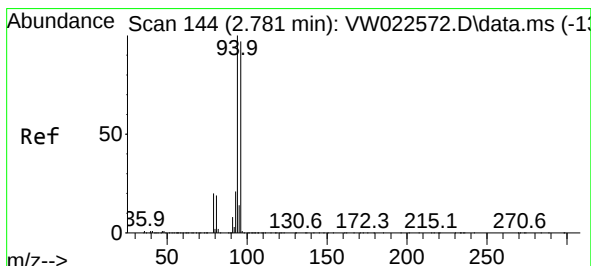
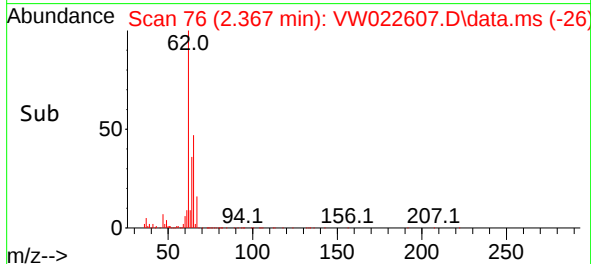
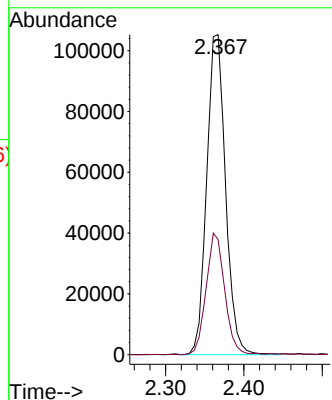
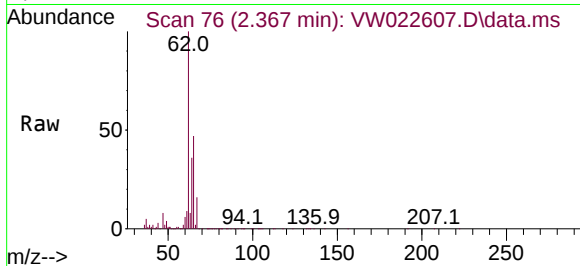




#5
 Vinyl chloride
 Concen: 21.263 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.006 min
 Lab File: VW022607.D
 Acq: 25 Apr 2022 09:52

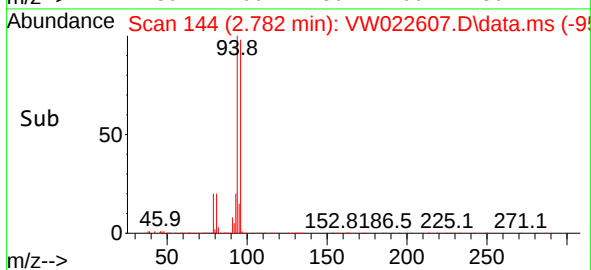
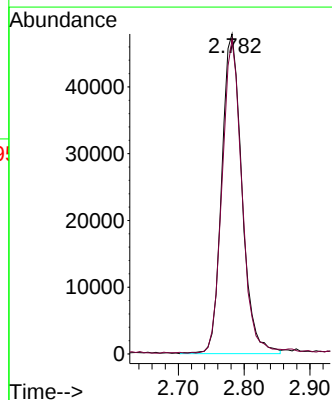
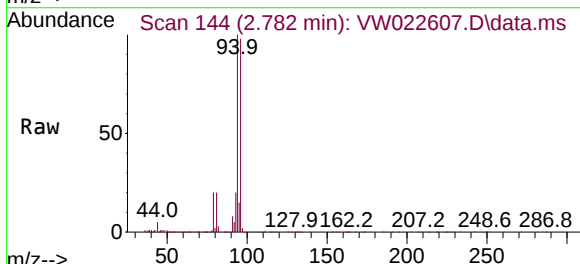
Instrument :
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 ClientSampleId :
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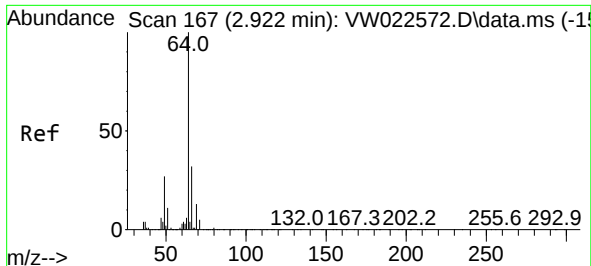
Tgt Ion: 62 Resp: 175696
 Ion Ratio Lower Upper
 62 100
 64 36.0 26.5 49.3



#6
 Bromomethane
 Concen: 20.348 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW022607.D
 Acq: 25 Apr 2022 09:52

Tgt Ion: 94 Resp: 102211
 Ion Ratio Lower Upper
 94 100
 96 98.2 66.6 123.6

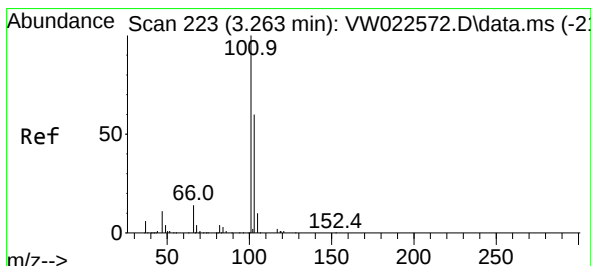
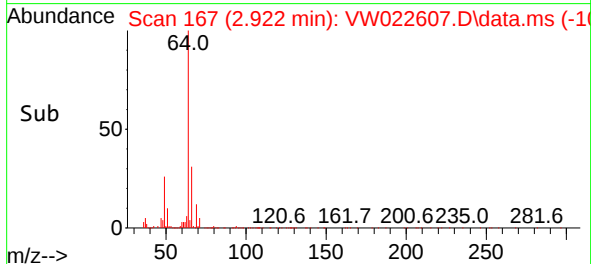
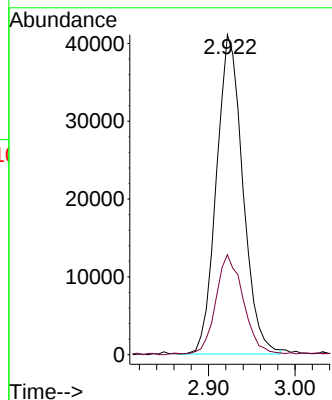
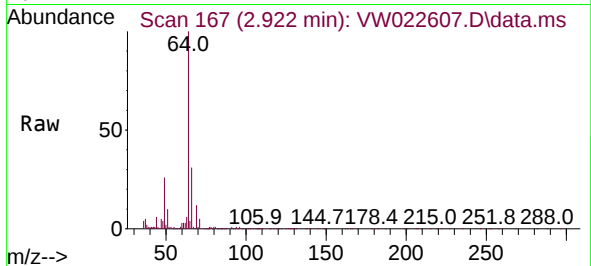




#8
Chloroethane
Concen: 24.027 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

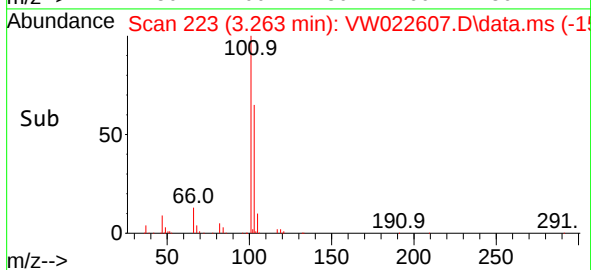
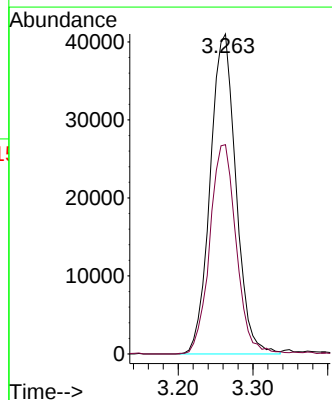
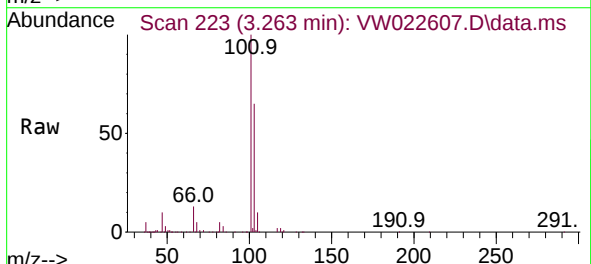
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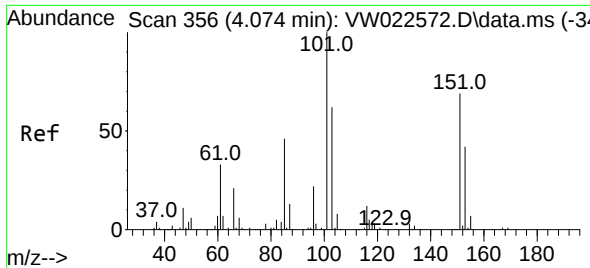
Tgt Ion: 64 Resp: 86919
Ion Ratio Lower Upper
64 100
66 31.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 32.243 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

Tgt Ion: 101 Resp: 98361
Ion Ratio Lower Upper
101 100
103 67.1 52.0 78.0

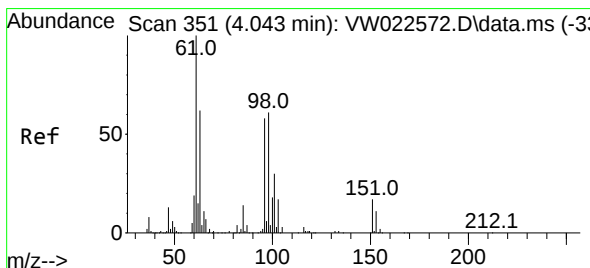
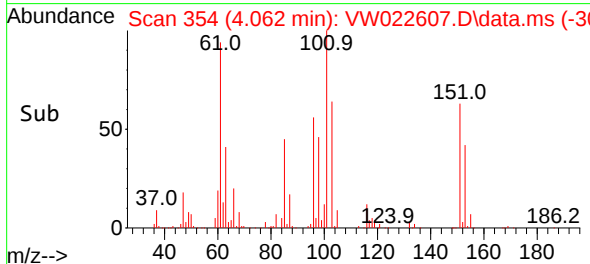
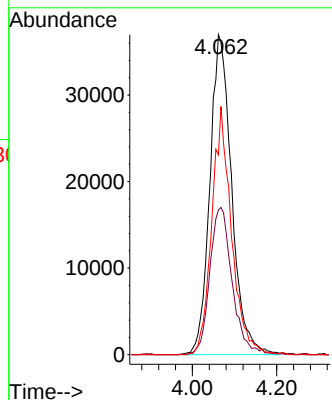
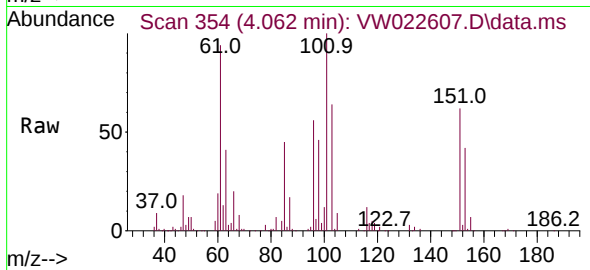




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.381 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW022607.D
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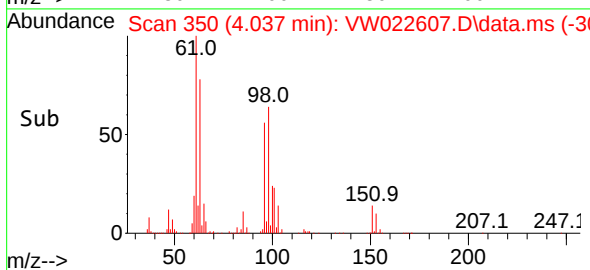
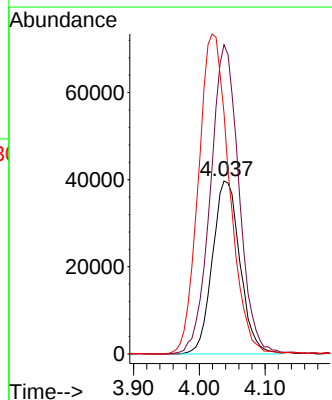
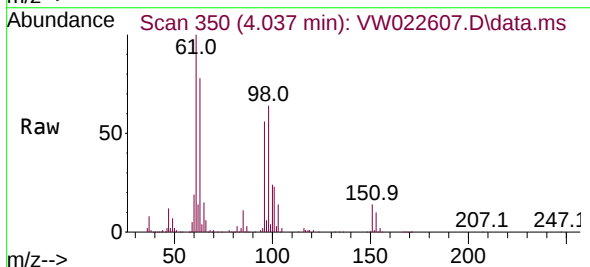
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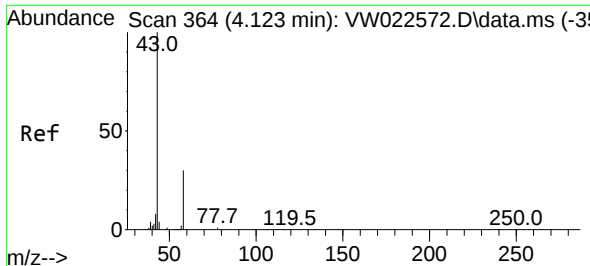
Tgt Ion:101 Resp: 133009
 Ion Ratio Lower Upper
 101 100
 85 46.1 39.2 58.8
 151 69.6 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 26.521 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW022607.D
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Tgt Ion: 96 Resp: 115700
 Ion Ratio Lower Upper
 96 100
 61 178.8 128.0 237.6
 63 139.1 86.6 160.8

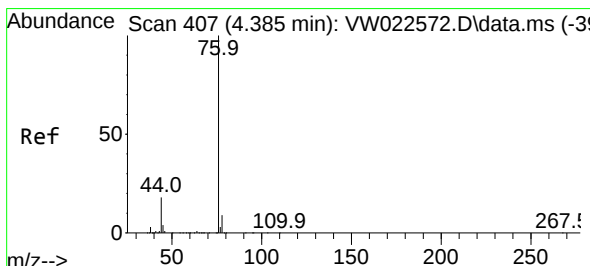
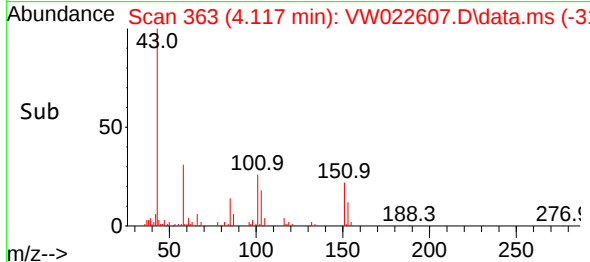
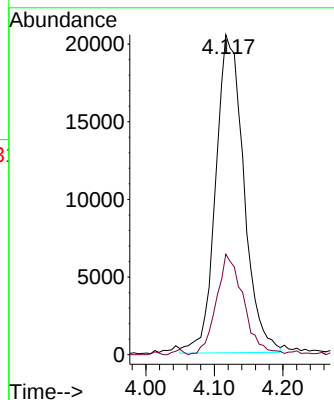
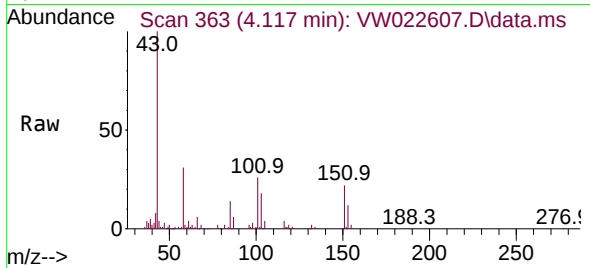




#13
Acetone
Concen: 68.509 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
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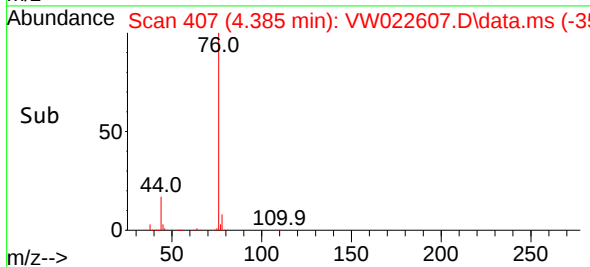
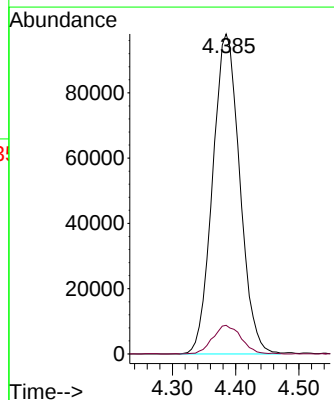
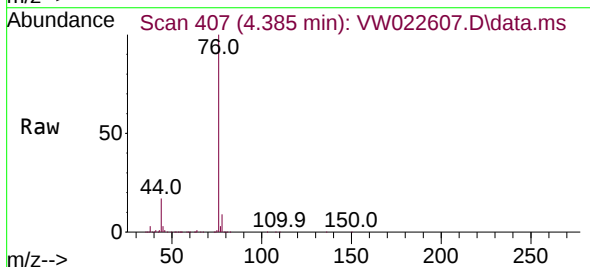
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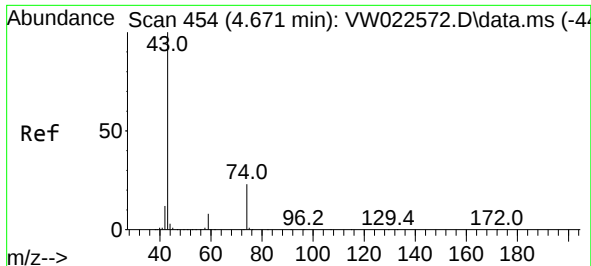
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Ion Ratio Lower Upper
43 100
58 30.5 0.0 57.0



#14
Carbon disulfide
Concen: 20.336 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 291855
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

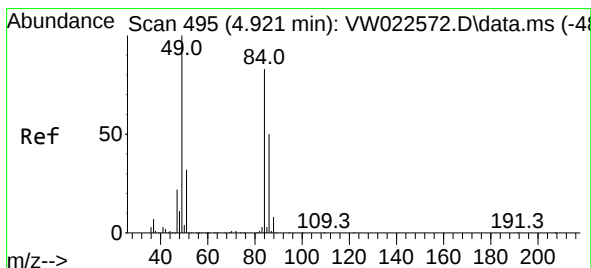
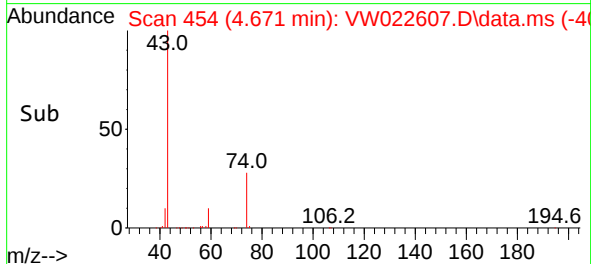
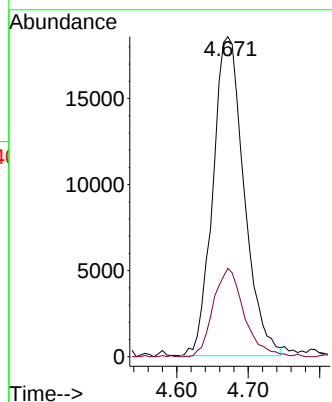
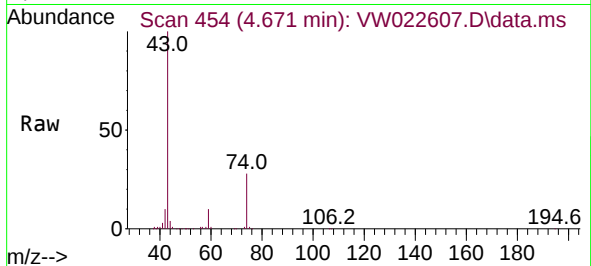




#15
Methyl Acetate
Concen: 26.306 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

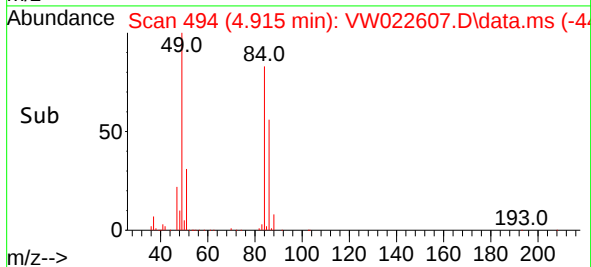
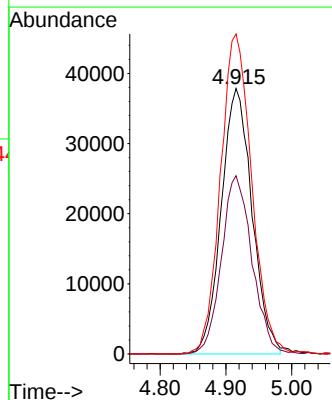
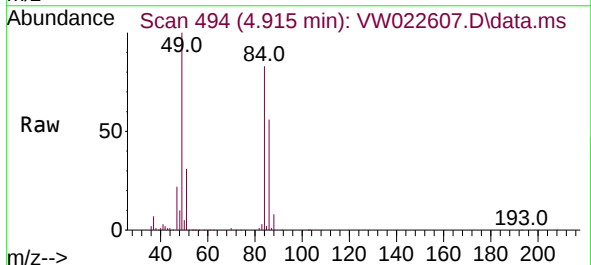
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

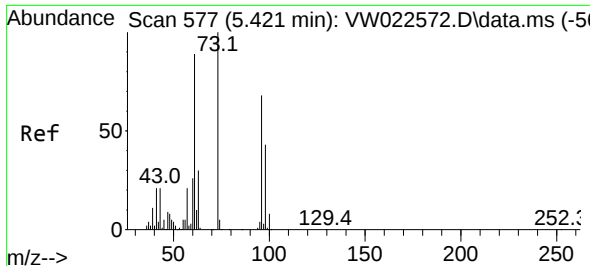
Tgt Ion: 43 Resp: 56207
Ion Ratio Lower Upper
43 100
74 27.3 18.5 27.7



#16
Methylene chloride
Concen: 25.254 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

Tgt Ion: 84 Resp: 123126
Ion Ratio Lower Upper
84 100
86 67.2 42.8 79.4
49 120.6 94.2 175.0

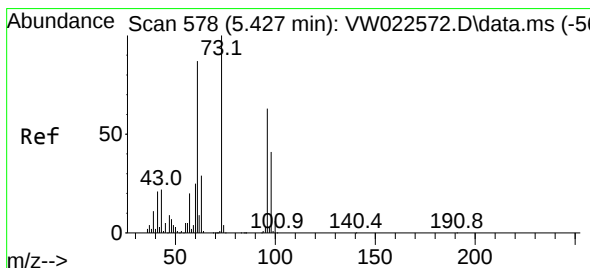
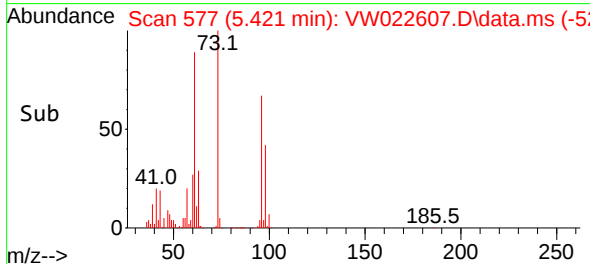
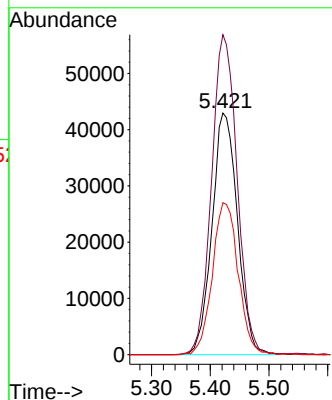
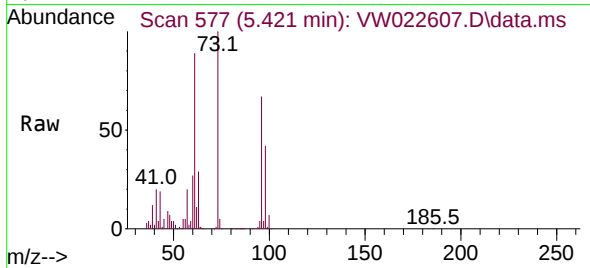




#17
trans-1,2-Dichloroethene
Concen: 25.342 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

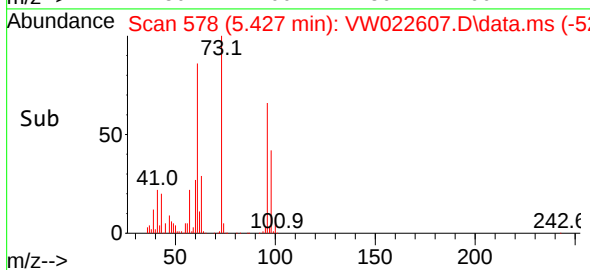
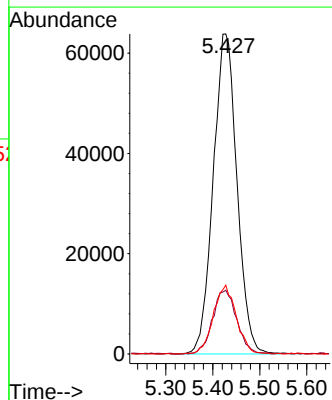
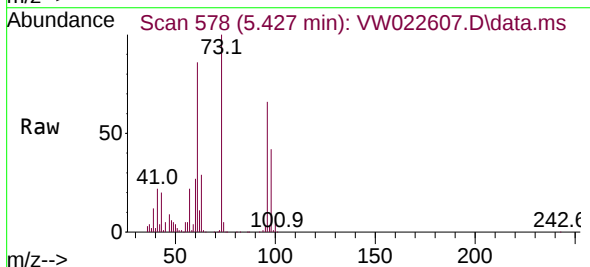
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

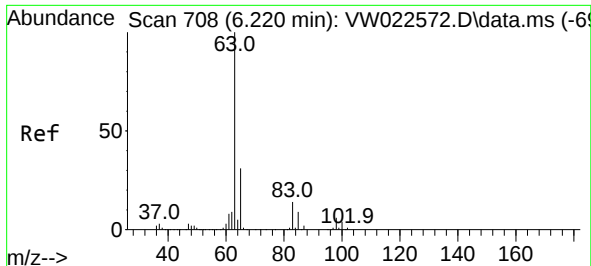
Tgt Ion: 96 Resp: 129511
Ion Ratio Lower Upper
96 100
61 132.4 99.8 185.4
98 62.9 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 26.850 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

Tgt Ion: 73 Resp: 224106
Ion Ratio Lower Upper
73 100
43 20.2 18.8 28.2
57 20.6 17.5 26.3





#19

1,1-Dichloroethane

Concen: 24.936 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW022607.D

Acq: 25 Apr 2022 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025497

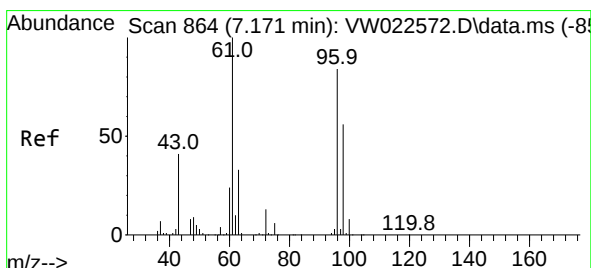
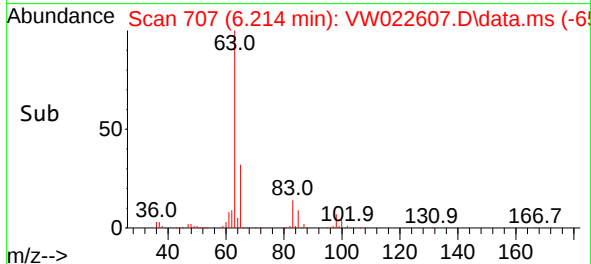
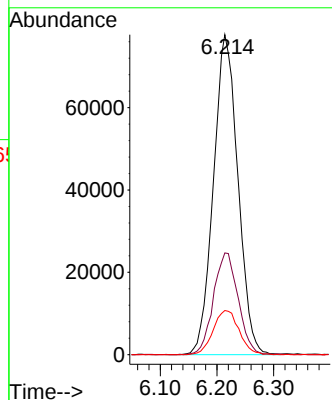
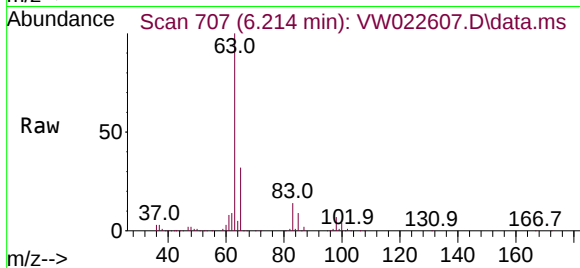
Tgt Ion: 63 Resp: 232530

Ion Ratio Lower Upper

63 100

65 31.8 21.1 39.3

83 13.8 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 27.068 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW022607.D

Acq: 25 Apr 2022 09:52

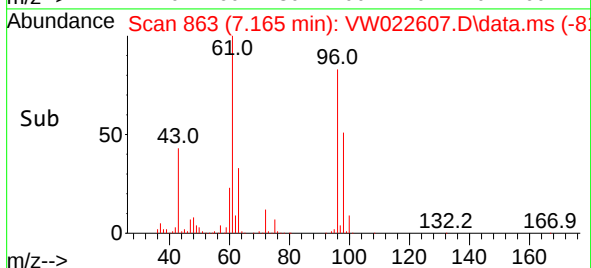
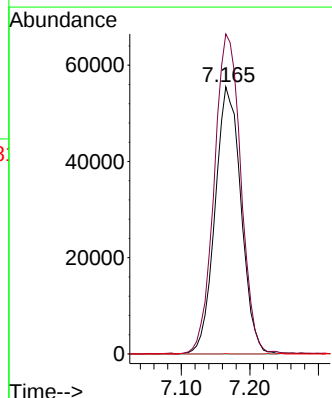
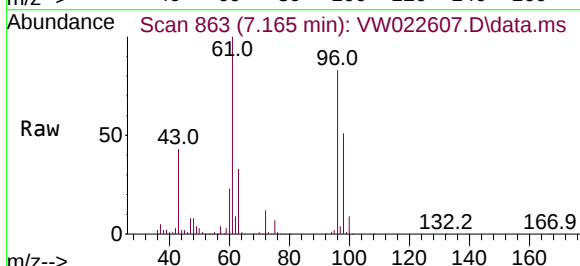
Tgt Ion: 96 Resp: 146101

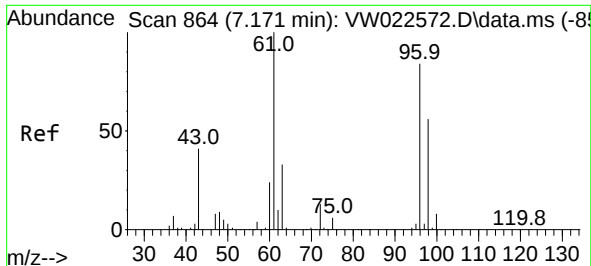
Ion Ratio Lower Upper

96 100

61 119.8 96.4 179.0

68 0.1 0.1 0.3

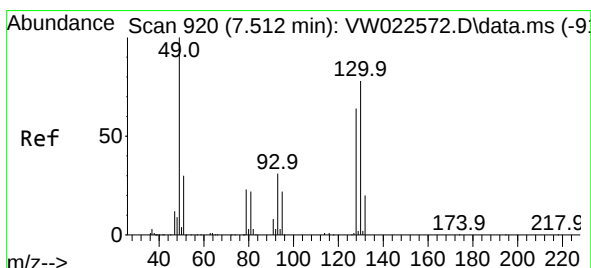
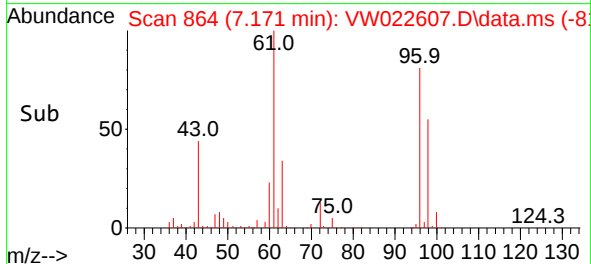
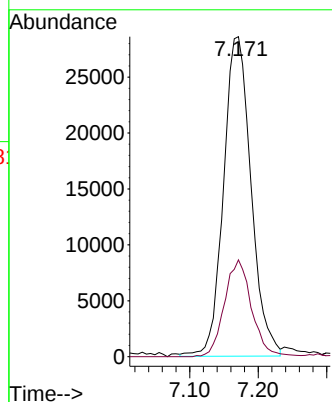
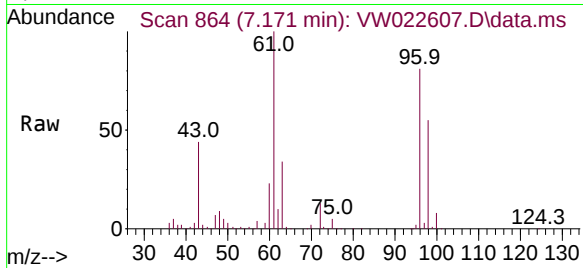




#22
2-Butanone
Concen: 62.047 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

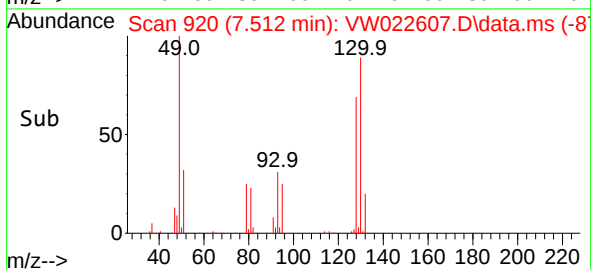
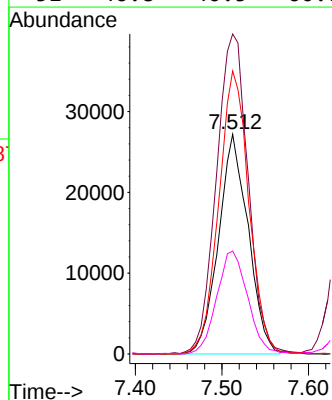
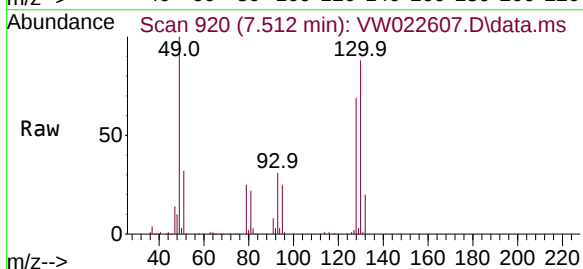
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

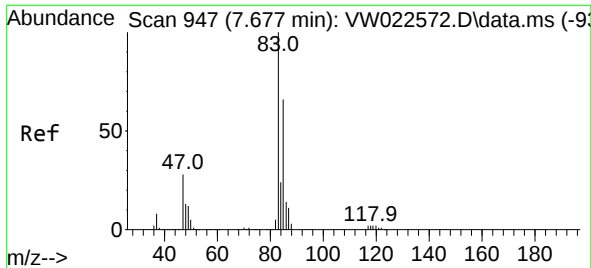
Tgt Ion: 43 Resp: 79791
Ion Ratio Lower Upper
43 100
72 29.8 14.0 42.0



#23
Bromochloromethane
Concen: 27.847 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

Tgt Ion: 128 Resp: 64686
Ion Ratio Lower Upper
128 100
49 145.6 120.8 224.3
130 128.8 81.8 151.8
51 46.8 40.5 60.7

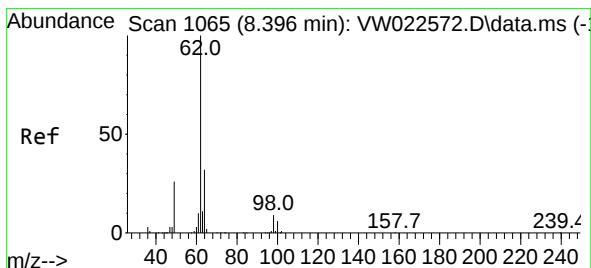
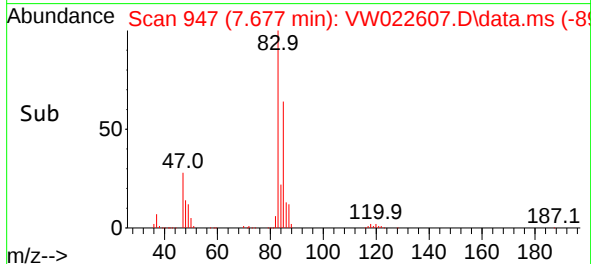
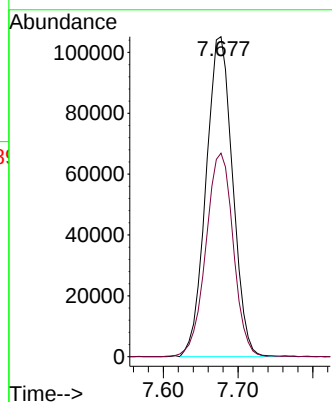
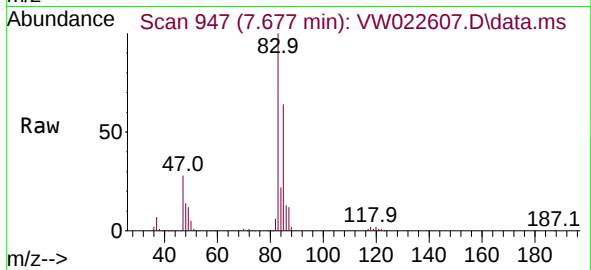




#25
Chloroform
Concen: 26.501 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

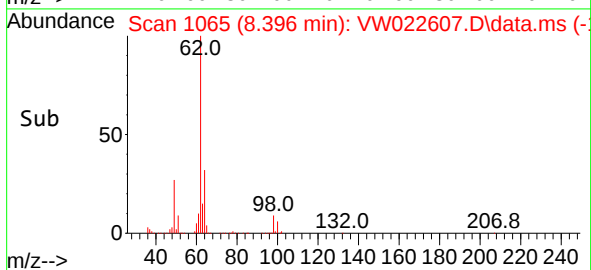
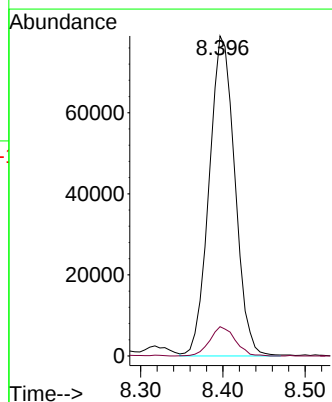
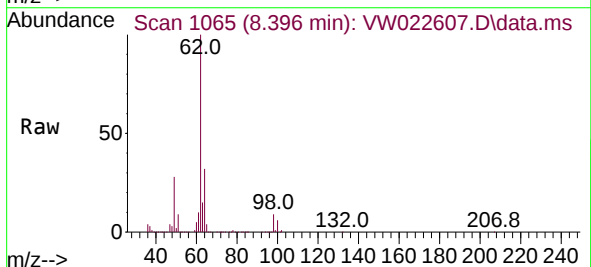
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

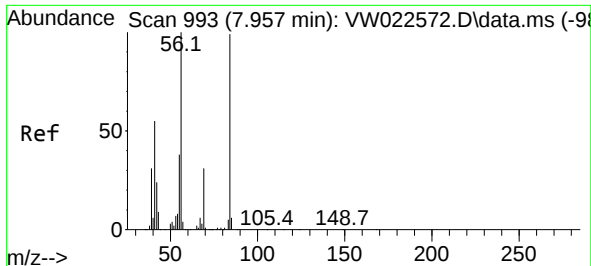
Tgt Ion: 83 Resp: 260274
Ion Ratio Lower Upper
83 100
85 63.6 45.8 85.0



#27
1,2-Dichloroethane
Concen: 24.848 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

Tgt Ion: 62 Resp: 171524
Ion Ratio Lower Upper
62 100
98 9.2 6.2 9.2

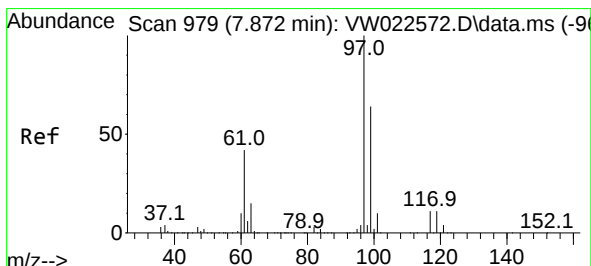
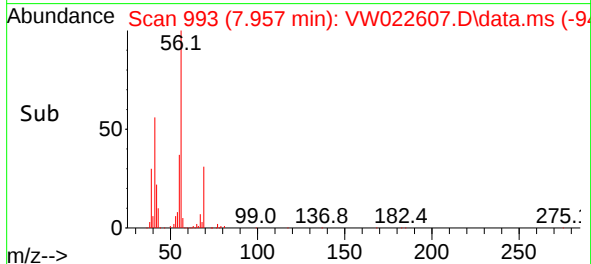
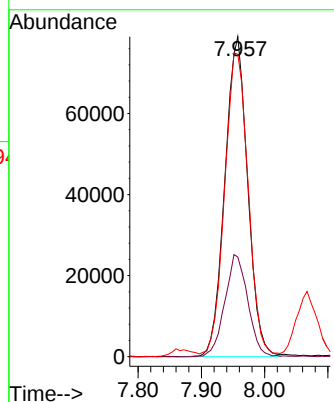
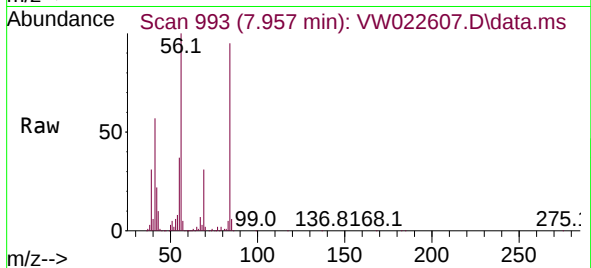




#29
Cyclohexane
Concen: 21.662 ug/L
RT: 7.957 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

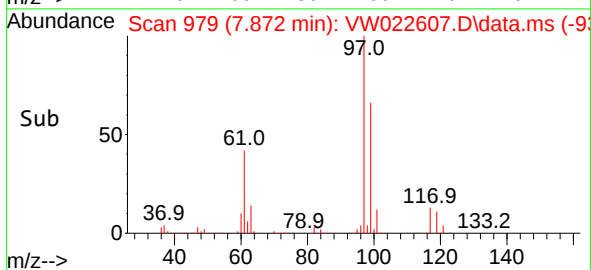
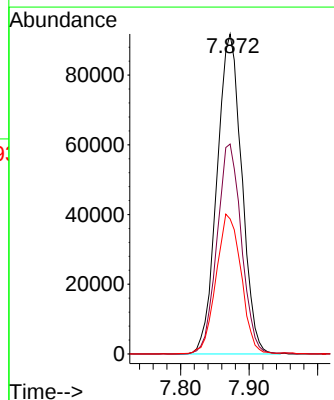
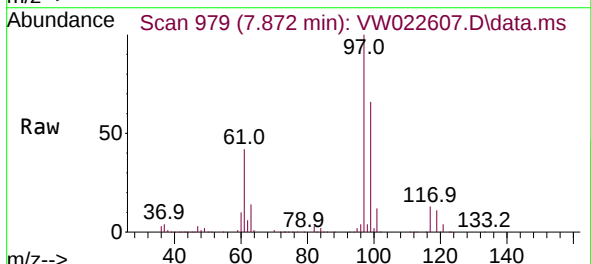
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

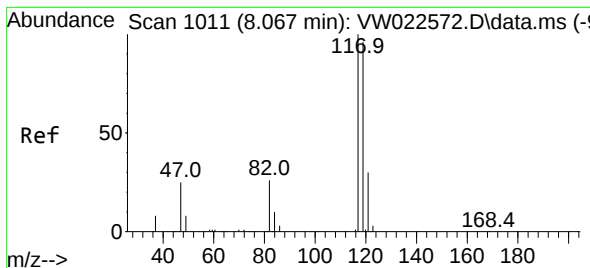
Tgt Ion: 56 Resp: 197721
Ion Ratio Lower Upper
56 100
69 31.6 24.4 36.6
84 97.8 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 26.010 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

Tgt Ion: 97 Resp: 230102
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 44.3 38.7 58.1

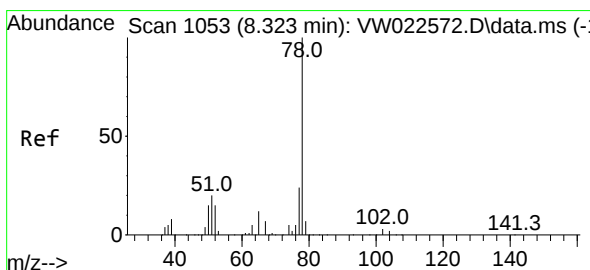
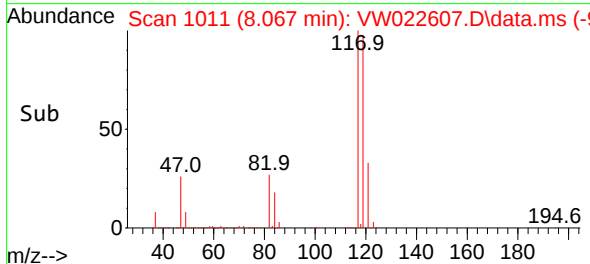
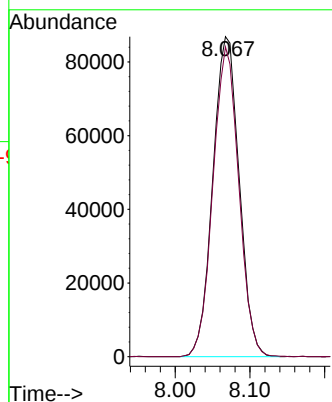
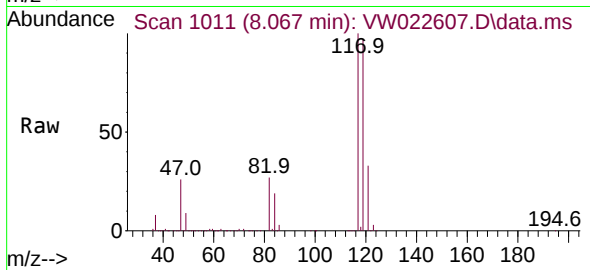




#31
Carbon tetrachloride
Concen: 26.801 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

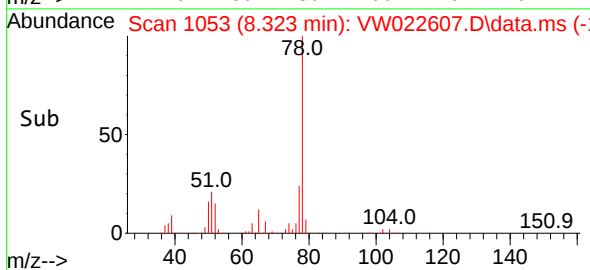
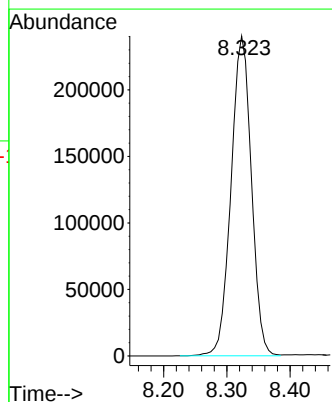
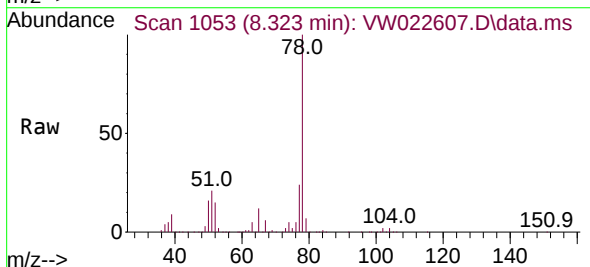
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

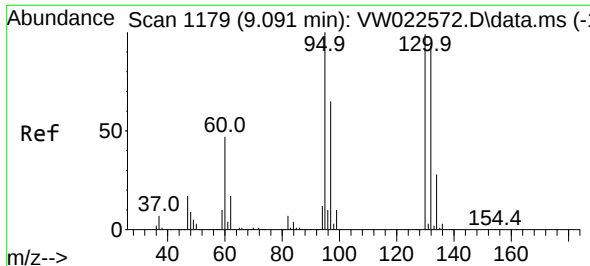
Tgt Ion:117 Resp: 212805
Ion Ratio Lower Upper
117 100
119 95.1 75.5 113.3



#33
Benzene
Concen: 24.830 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

Tgt Ion: 78 Resp: 537625





#34

Trichloroethene

Concen: 24.964 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW022607.D

Acq: 25 Apr 2022 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025497

Tgt Ion: 95 Resp: 144728

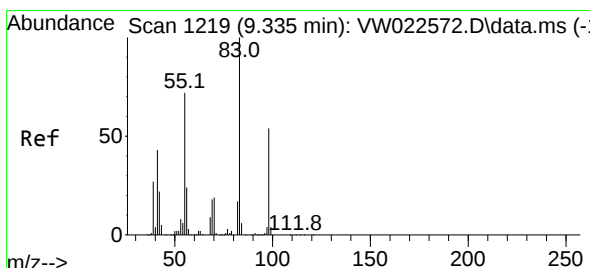
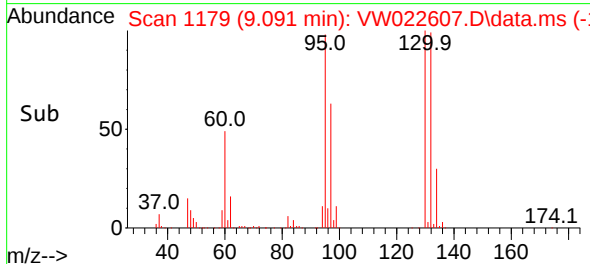
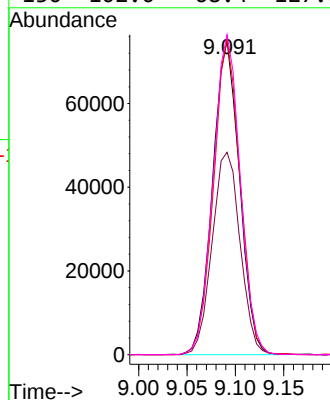
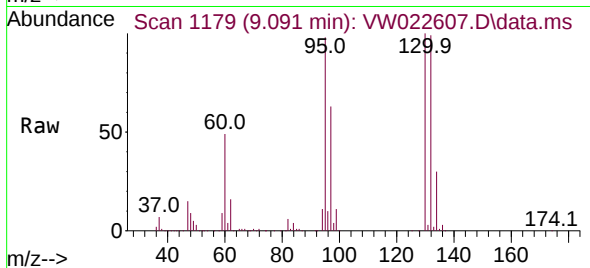
Ion Ratio Lower Upper

95 100

97 64.5 46.4 86.2

132 100.6 67.4 125.2

130 102.0 68.4 127.0



#35

Methylcyclohexane

Concen: 22.880 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW022607.D

Acq: 25 Apr 2022 09:52

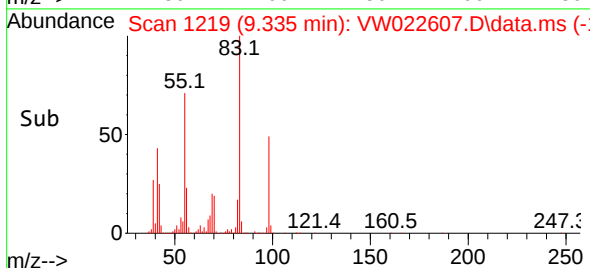
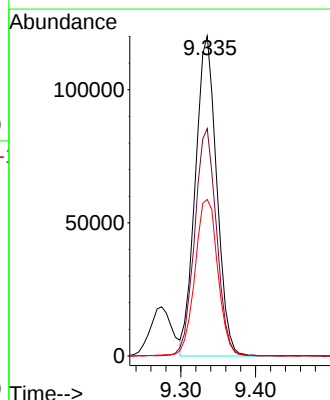
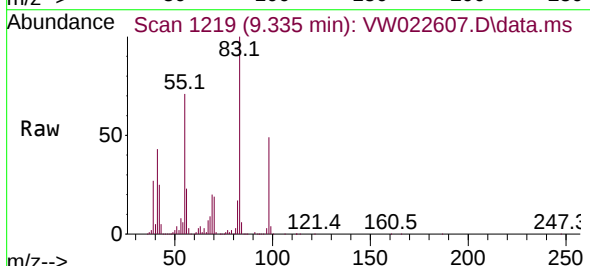
Tgt Ion: 83 Resp: 237983

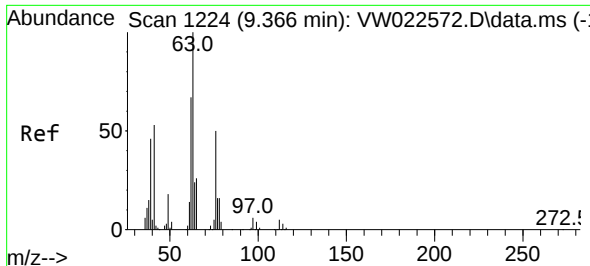
Ion Ratio Lower Upper

83 100

55 72.5 61.0 91.6

98 52.7 39.2 58.8





#37

1,2-Dichloropropane

Concen: 25.366 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022607.D

Acq: 25 Apr 2022 09:52

Instrument :

MSVOA_W

ClientSampleId :

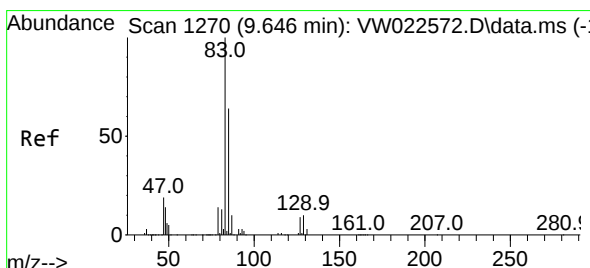
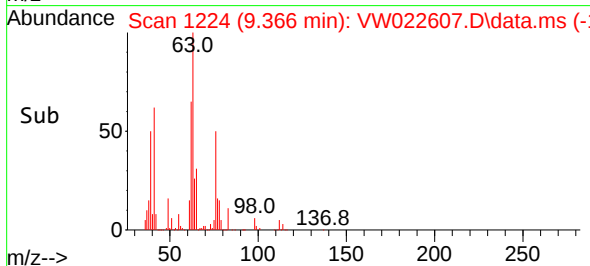
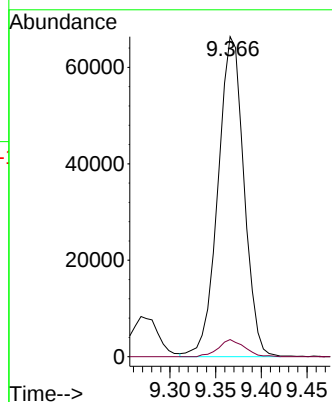
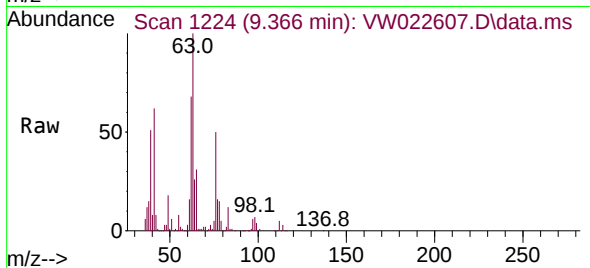
VSTD025497

Tgt Ion: 63 Resp: 131580

Ion Ratio Lower Upper

63 100

112 5.3 3.8 5.6



#38

Bromodichloromethane

Concen: 26.104 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022607.D

Acq: 25 Apr 2022 09:52

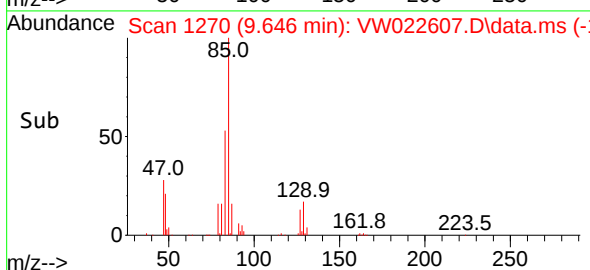
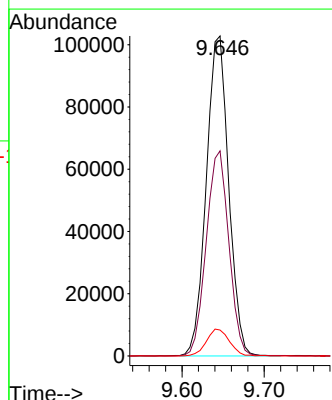
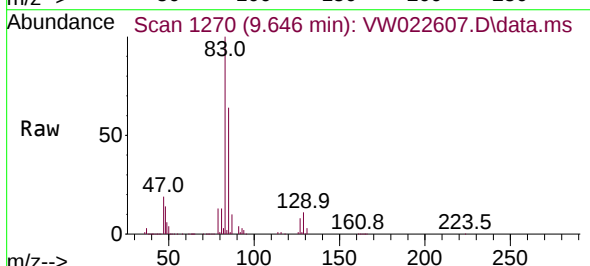
Tgt Ion: 83 Resp: 194720

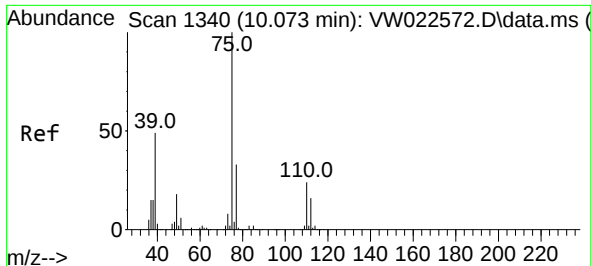
Ion Ratio Lower Upper

83 100

85 64.1 45.2 84.0

127 8.1 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 26.474 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW022607.D

Acq: 25 Apr 2022 09:52

Instrument :

MSVOA_W

ClientSampleId :

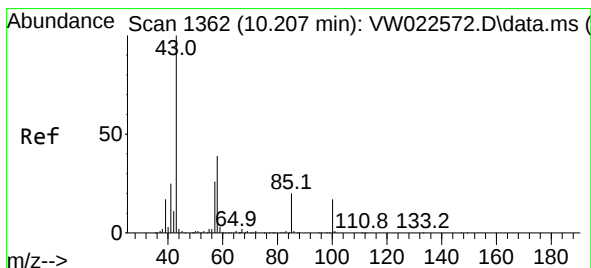
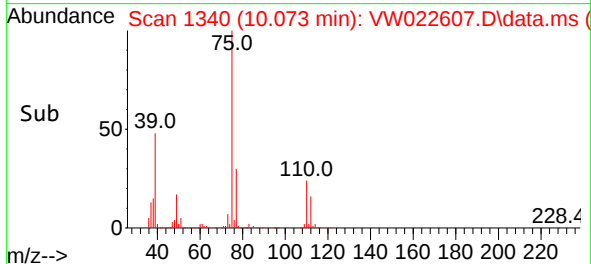
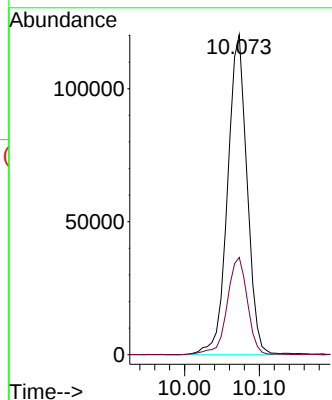
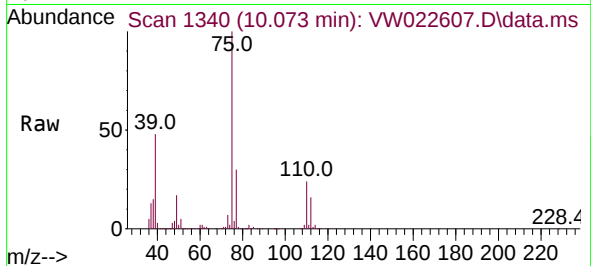
VSTD025497

Tgt Ion: 75 Resp: 217907

Ion Ratio Lower Upper

75 100

77 30.4 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 55.062 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022607.D

Acq: 25 Apr 2022 09:52

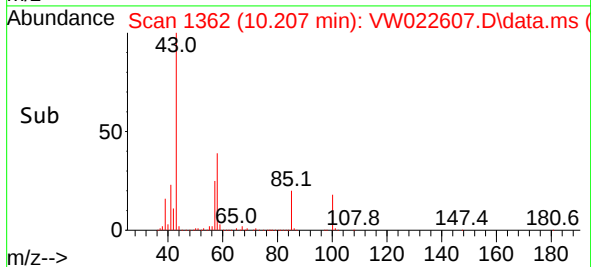
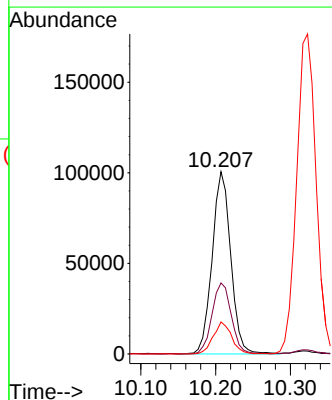
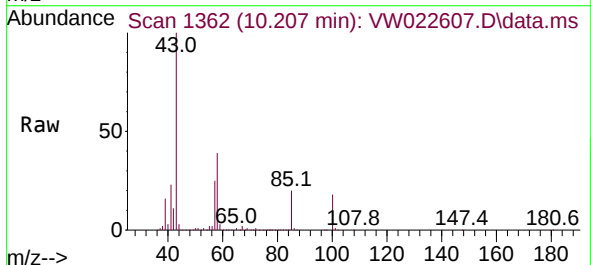
Tgt Ion: 43 Resp: 174305

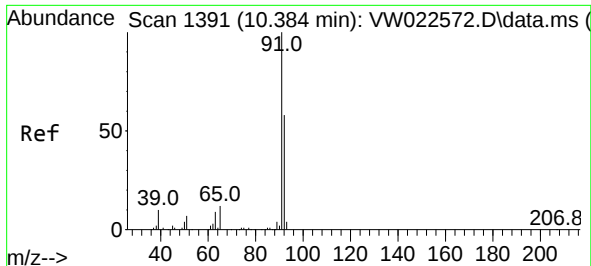
Ion Ratio Lower Upper

43 100

58 40.4 29.3 43.9

100 17.3 12.2 18.4

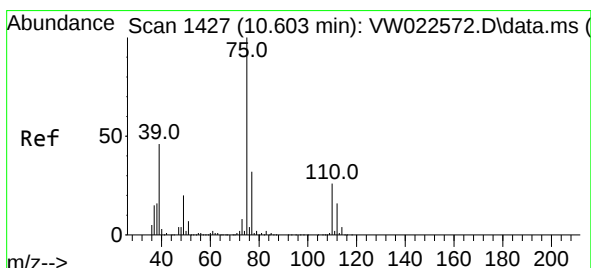
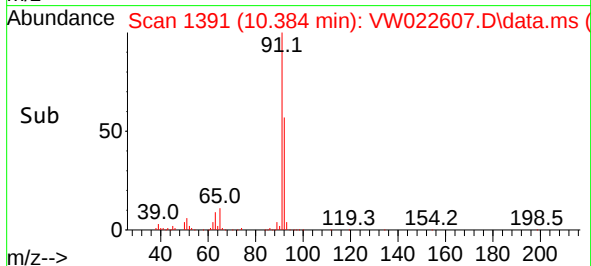
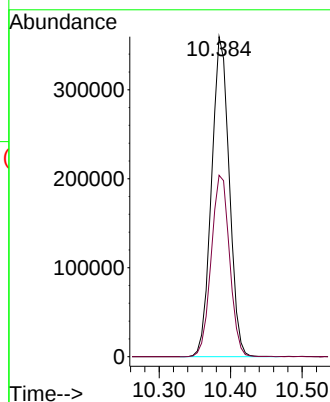
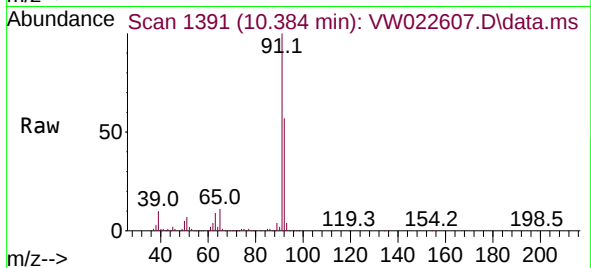




#42
Toluene
Concen: 24.902 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

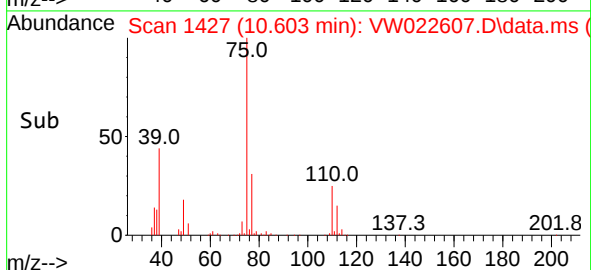
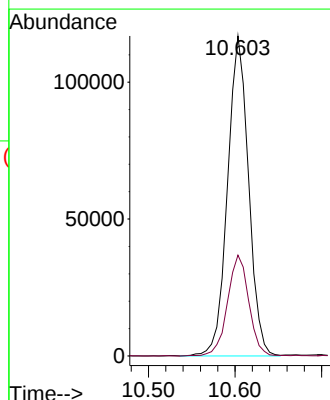
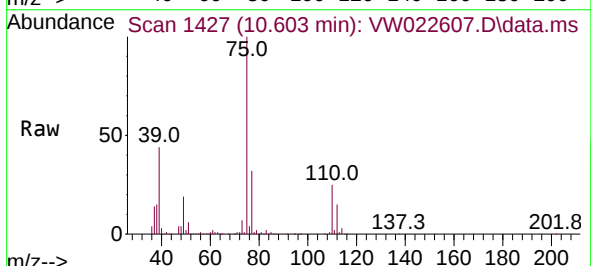
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

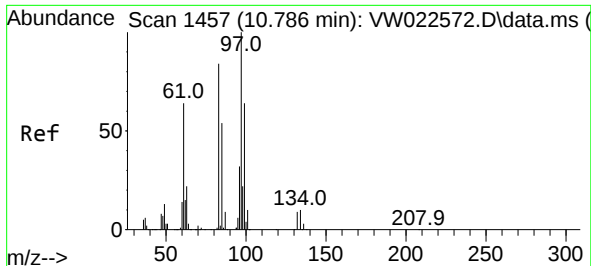
Tgt Ion: 91 Resp: 617855
Ion Ratio Lower Upper
91 100
92 56.7 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 26.712 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

Tgt Ion: 75 Resp: 196872
Ion Ratio Lower Upper
75 100
77 31.5 21.3 39.6

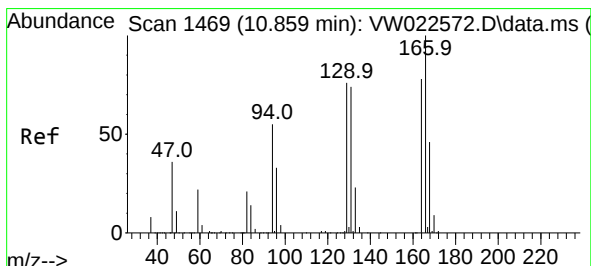
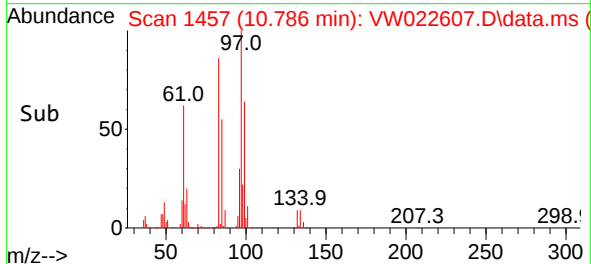
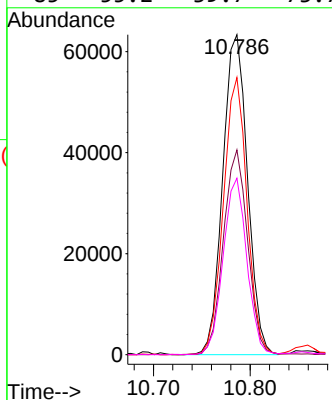
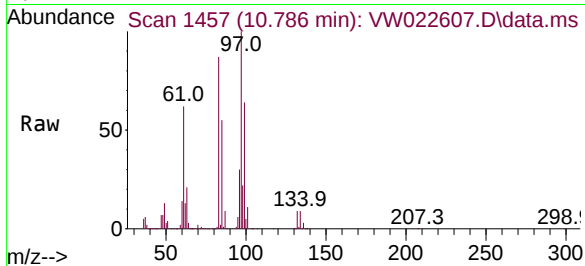




#45
1,1,2-Trichloroethane
Concen: 28.522 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

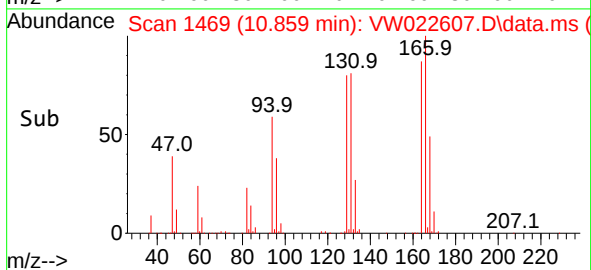
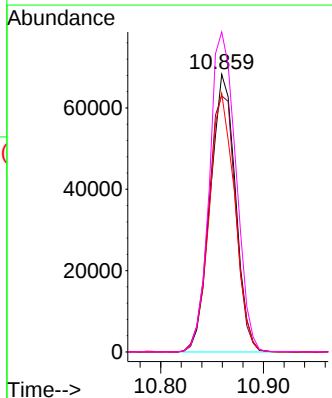
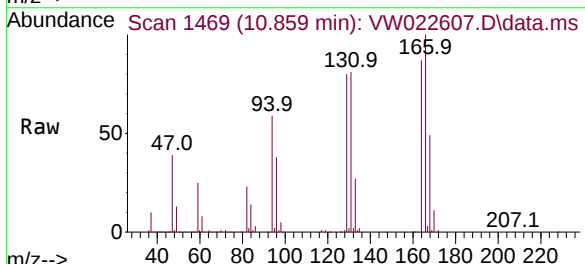
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

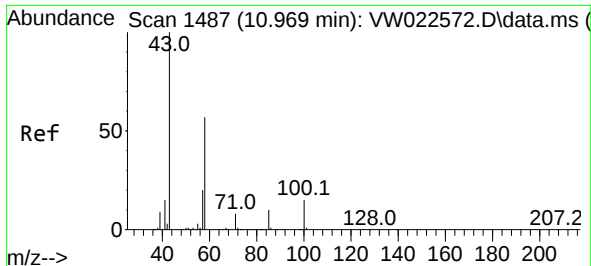
Tgt Ion: 97	Resp: 112914
Ion Ratio	Lower Upper
97 100	
99 64.0	46.0 85.4
83 86.6	60.6 112.6
85 55.2	39.7 73.7



#46
Tetrachloroethene
Concen: 27.319 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

Tgt	Ion:164	Resp:	116423
Ion	Ratio	Lower	Upper
164	100		
129	92.3	74.1	137.7
131	93.1	71.4	132.6
166	115.3	95.9	178.1





#48

2-Hexanone

Concen: 54.315 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VW022607.D

Acq: 25 Apr 2022 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025497

Tgt Ion: 43 Resp: 121301

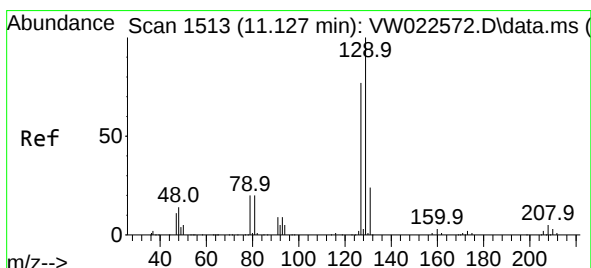
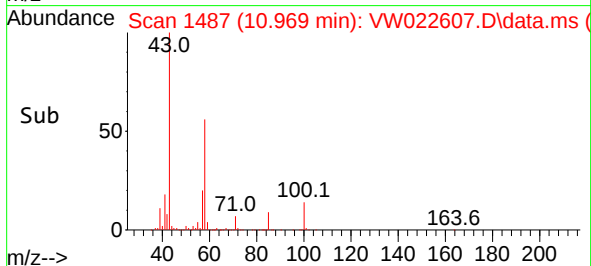
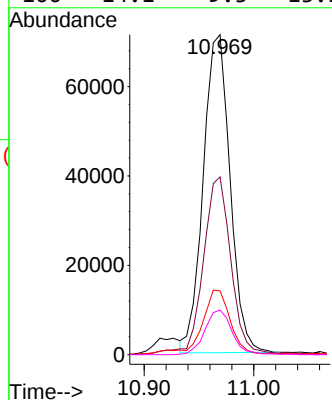
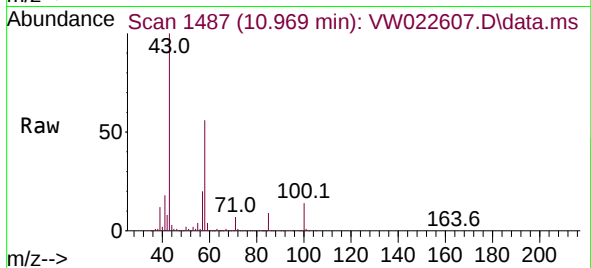
Ion Ratio Lower Upper

43 100

58 54.9 41.6 62.4

57 19.6 14.5 21.7

100 14.1 9.3 13.9#



#49

Dibromochloromethane

Concen: 29.604 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW022607.D

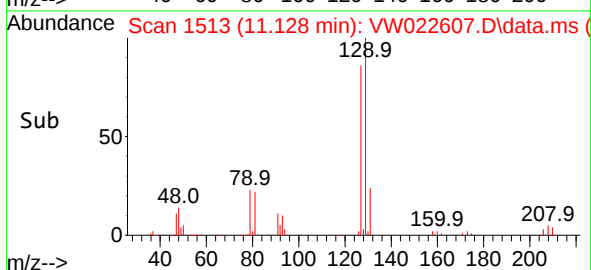
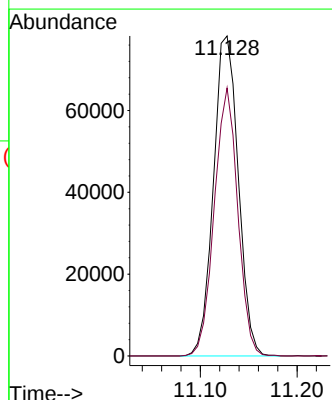
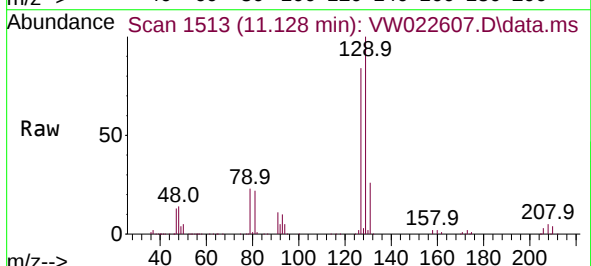
Acq: 25 Apr 2022 09:52

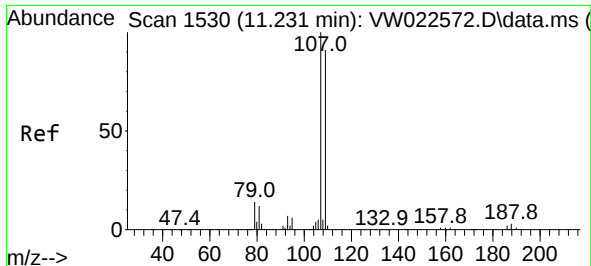
Tgt Ion: 129 Resp: 139771

Ion Ratio Lower Upper

129 100

127 83.8 52.6 97.6





#50

1,2-Dibromoethane

Concen: 28.598 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022607.D

Acq: 25 Apr 2022 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025497

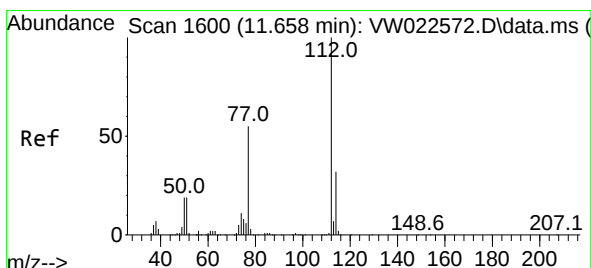
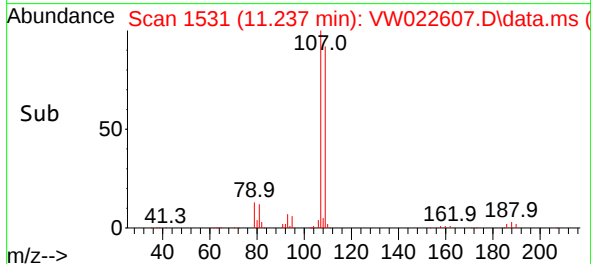
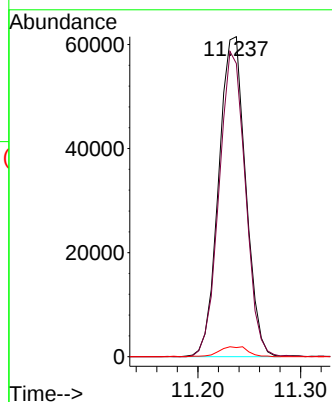
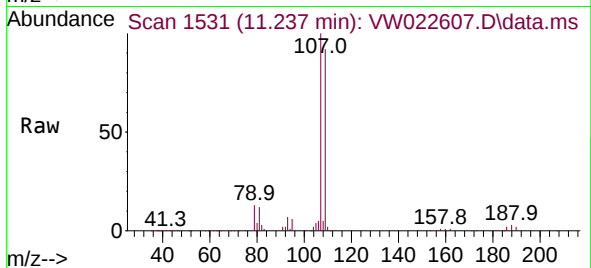
Tgt Ion:107 Resp: 111793

Ion Ratio Lower Upper

107 100

109 91.6 68.2 126.6

188 2.9 2.8 4.2



#51

Chlorobenzene

Concen: 27.036 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW022607.D

Acq: 25 Apr 2022 09:52

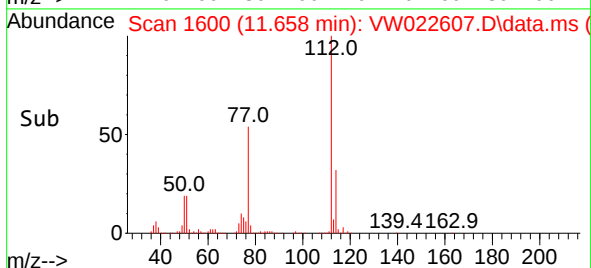
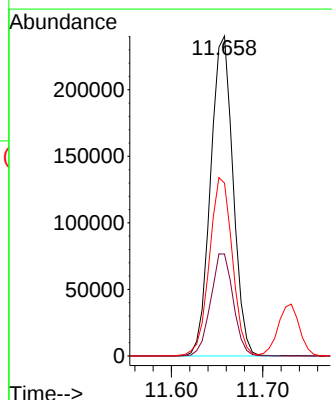
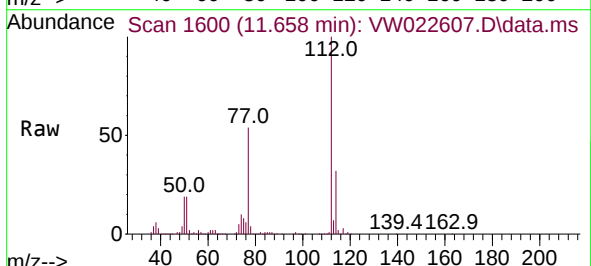
Tgt Ion:112 Resp: 409925

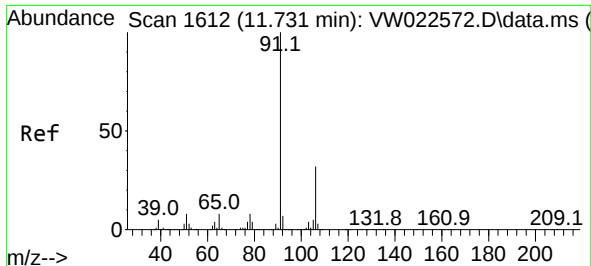
Ion Ratio Lower Upper

112 100

114 31.9 20.5 38.1

77 54.0 48.1 72.1

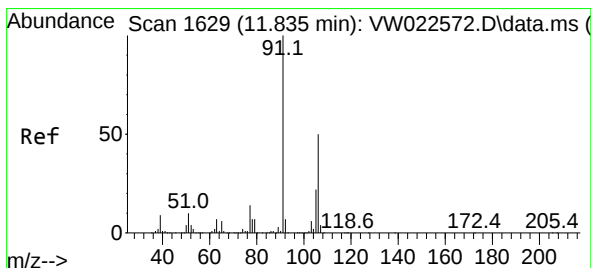
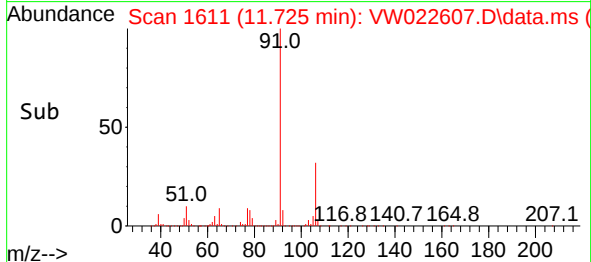
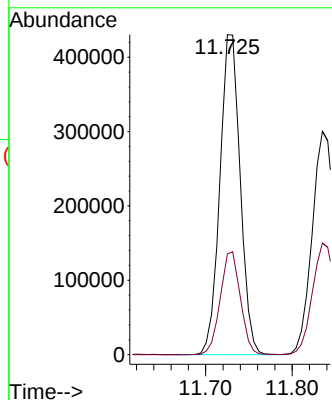
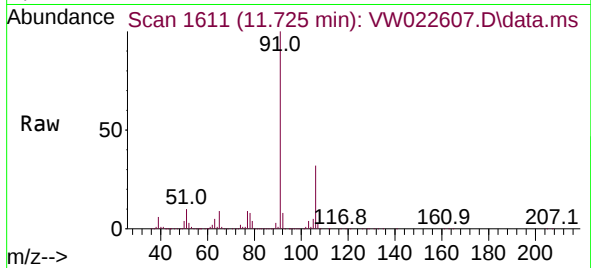




#52
Ethylbenzene
Concen: 25.253 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

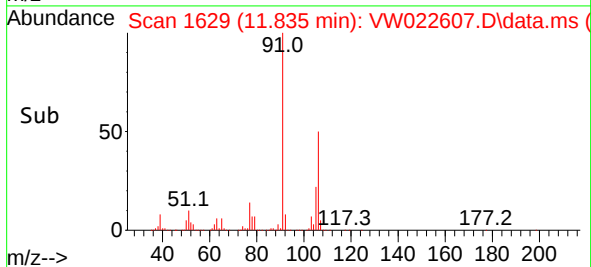
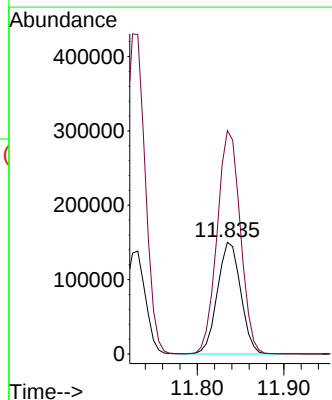
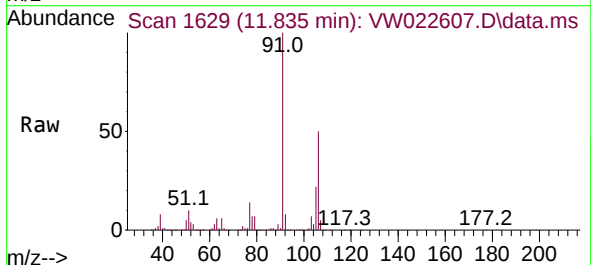
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

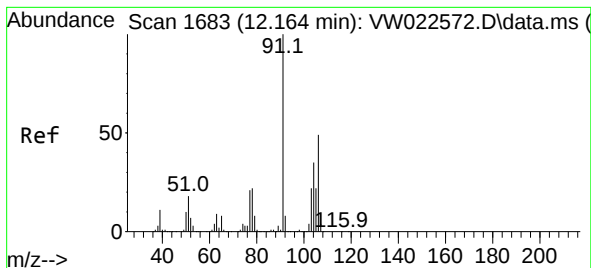
Tgt Ion: 91 Resp: 702313
Ion Ratio Lower Upper
91 100
106 31.5 20.5 38.1



#53
m,p-Xylene
Concen: 26.511 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

Tgt Ion: 106 Resp: 280340
Ion Ratio Lower Upper
106 100
91 200.1 149.9 278.5





#54

o-Xylene

Concen: 26.863 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022607.D

Acq: 25 Apr 2022 09:52

Instrument :

MSVOA_W

ClientSampleId :

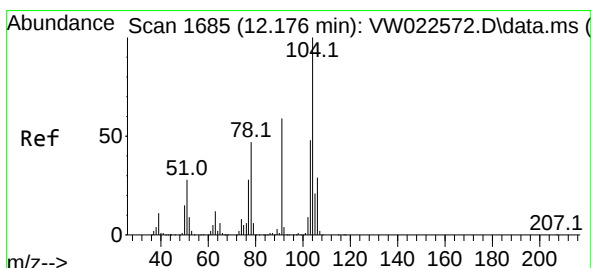
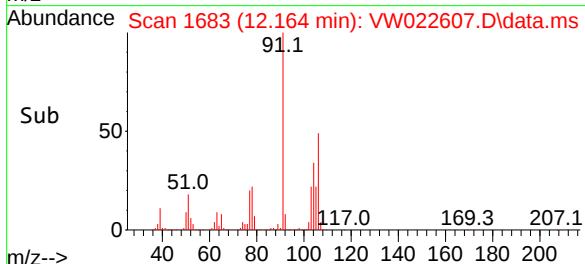
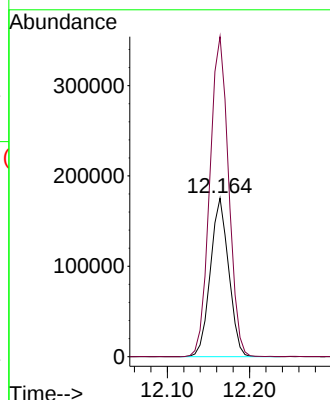
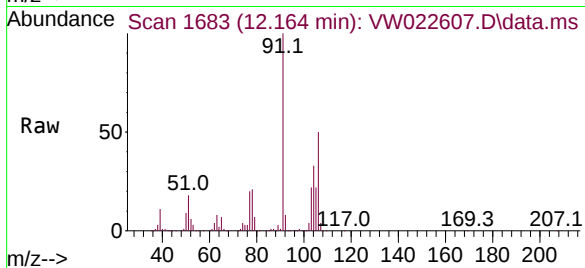
VSTD025497

Tgt Ion:106 Resp: 271448

Ion Ratio Lower Upper

106 100

91 201.8 155.3 288.3



#55

Styrene

Concen: 27.269 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW022607.D

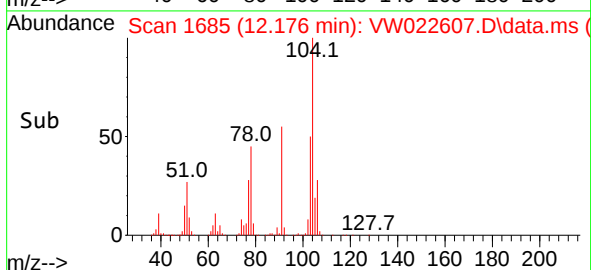
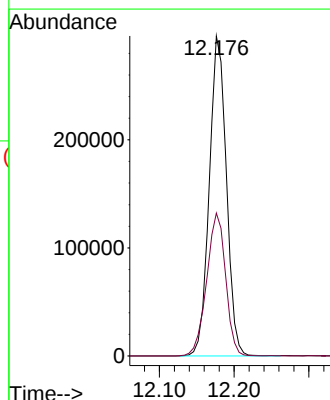
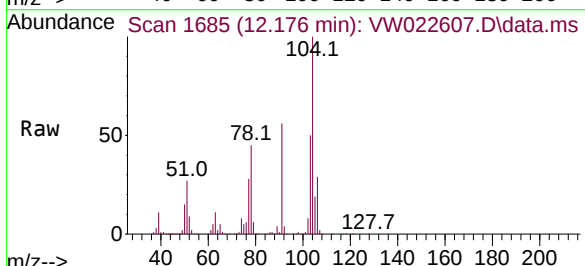
Acq: 25 Apr 2022 09:52

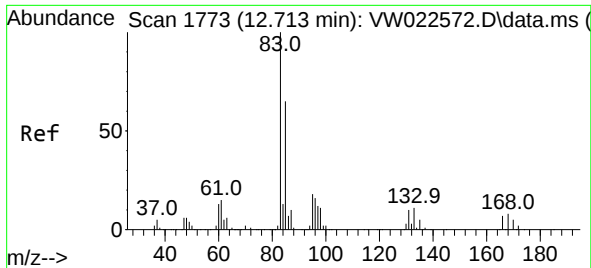
Tgt Ion:104 Resp: 470778

Ion Ratio Lower Upper

104 100

78 44.7 34.4 64.0

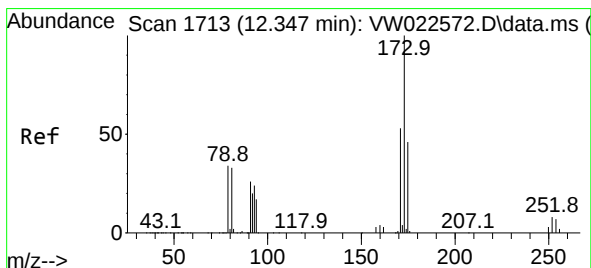
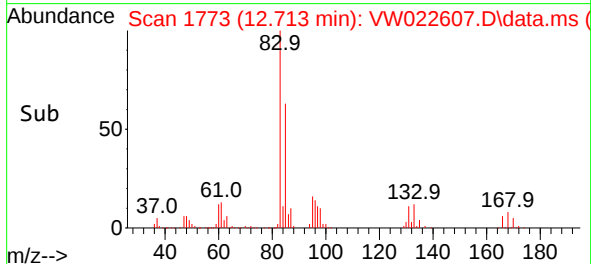
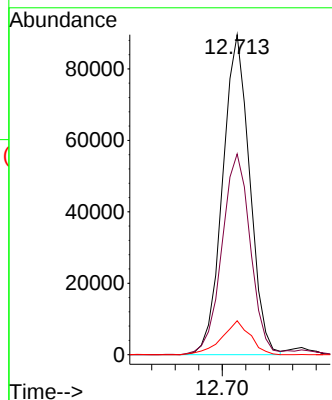
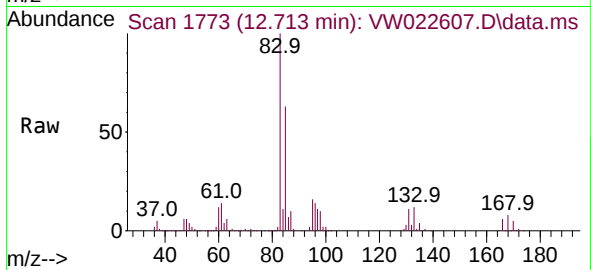




#57
1,1,2,2-Tetrachloroethane
Concen: 29.472 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

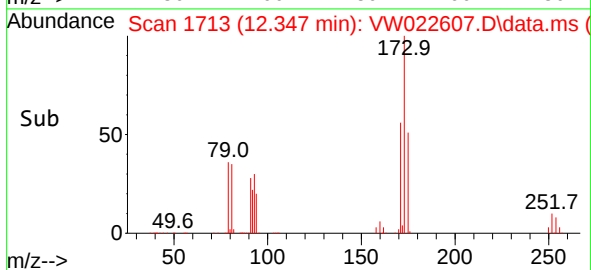
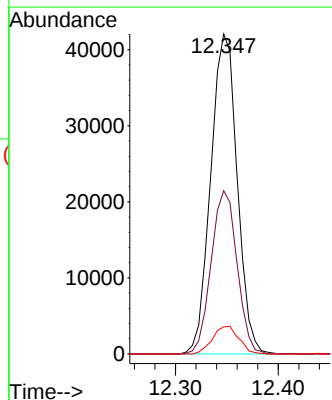
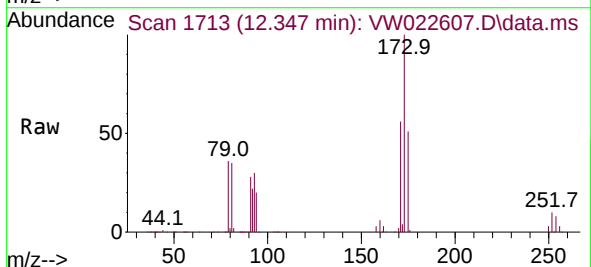
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

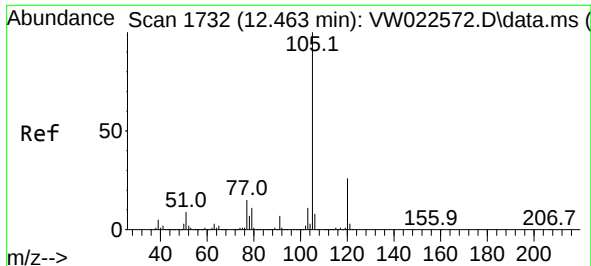
Tgt Ion: 83 Resp: 143204
Ion Ratio Lower Upper
83 100
85 62.7 45.5 84.5
131 10.6 7.8 11.8



#59
Bromoform
Concen: 28.163 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

Tgt Ion:173 Resp: 75263
Ion Ratio Lower Upper
173 100
175 49.9 39.2 58.8
254 8.6 6.6 9.8

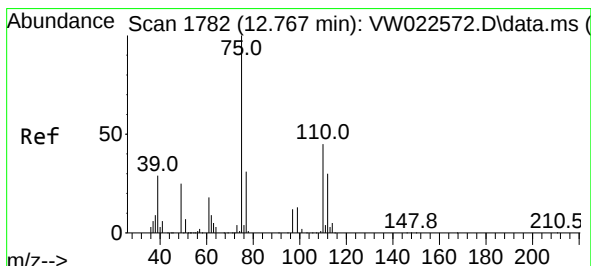
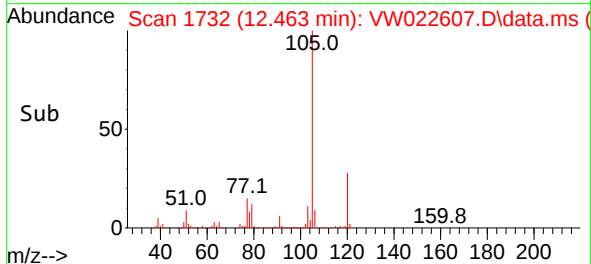
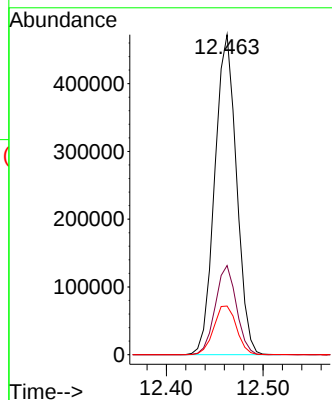
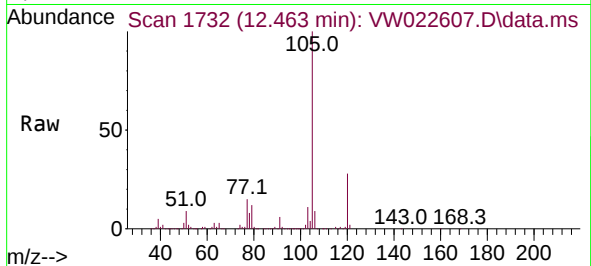




#60
Isopropylbenzene
Concen: 24.635 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

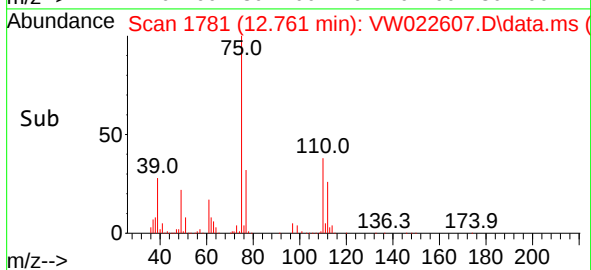
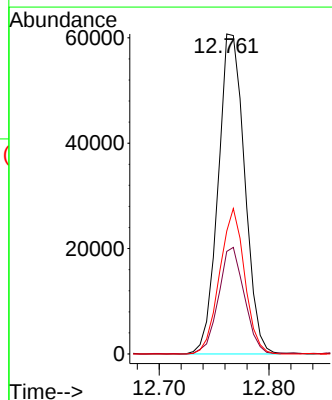
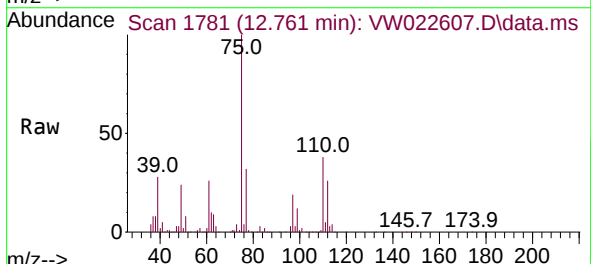
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

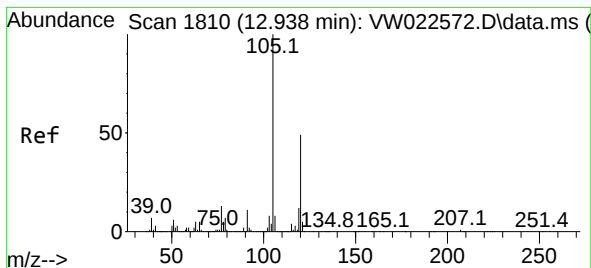
Tgt Ion:105 Resp: 735967
Ion Ratio Lower Upper
105 100
120 27.1 20.9 31.3
77 16.0 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 26.668 ug/L
RT: 12.761 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

Tgt Ion: 75 Resp: 102024
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5
110 42.8 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 25.431 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022607.D

Acq: 25 Apr 2022 09:52

Instrument :

MSVOA_W

ClientSampleId :

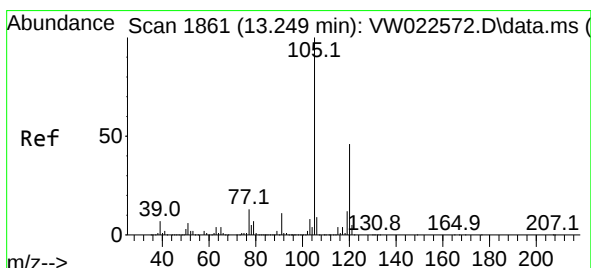
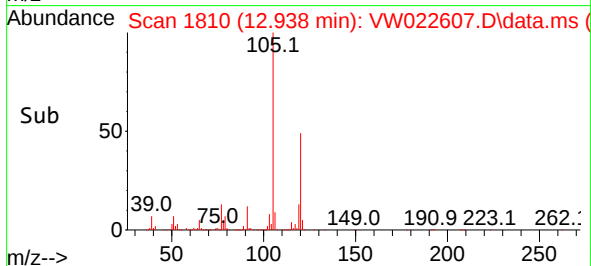
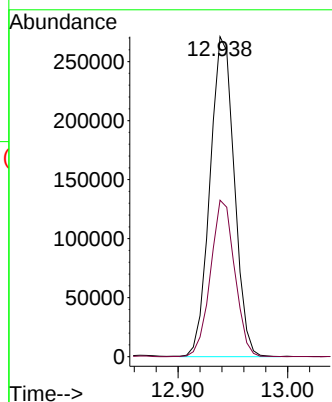
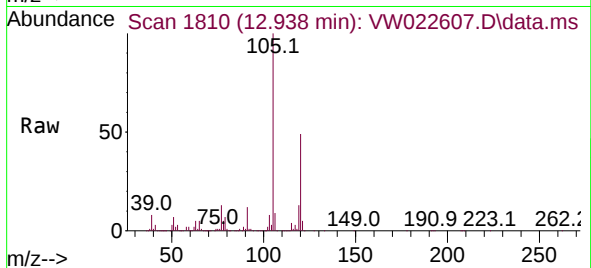
VSTD025497

Tgt Ion:105 Resp: 417821

Ion Ratio Lower Upper

105 100

120 48.6 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 24.992 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022607.D

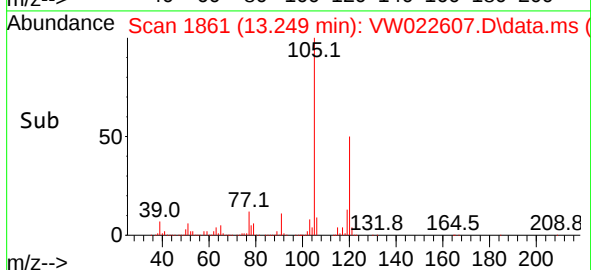
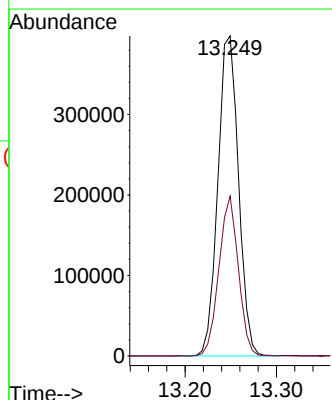
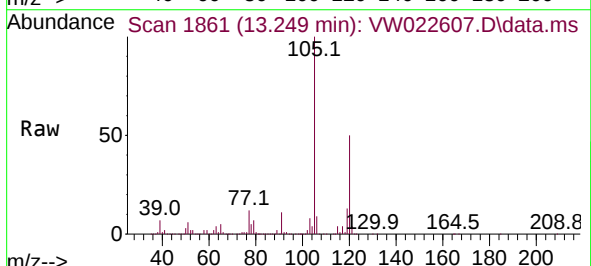
Acq: 25 Apr 2022 09:52

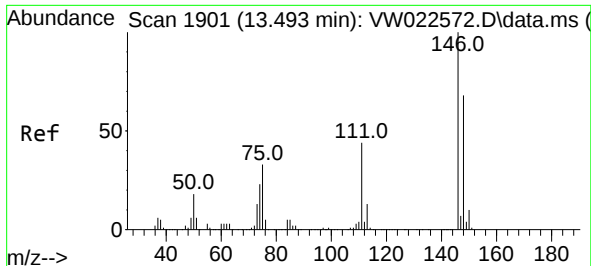
Tgt Ion:105 Resp: 624412

Ion Ratio Lower Upper

105 100

120 47.0 34.2 51.2

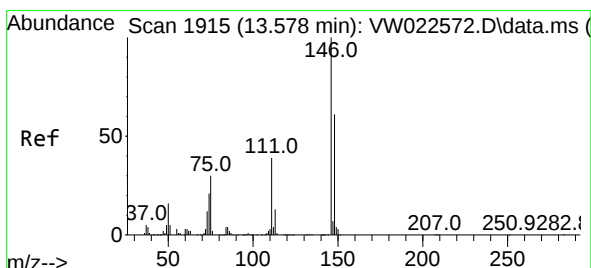
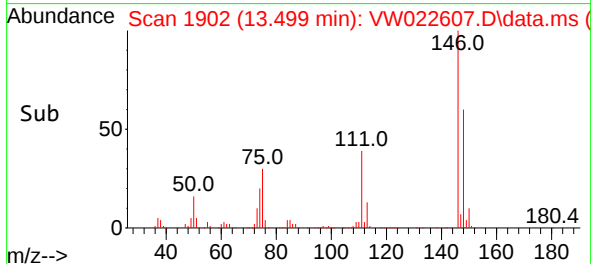
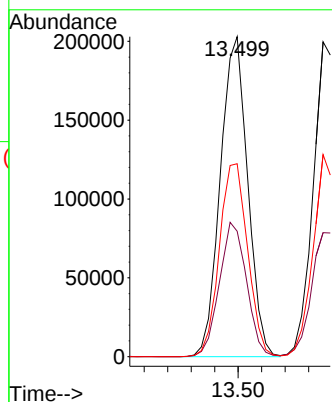
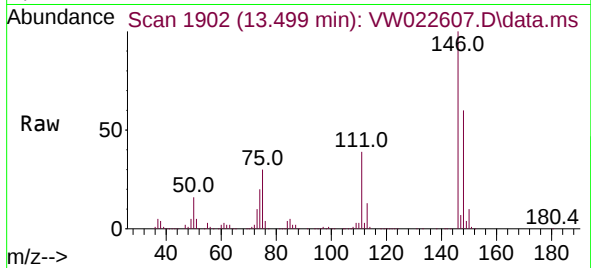




#64
1,3-Dichlorobenzene
Concen: 27.094 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

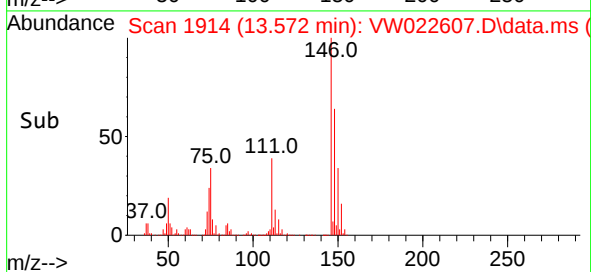
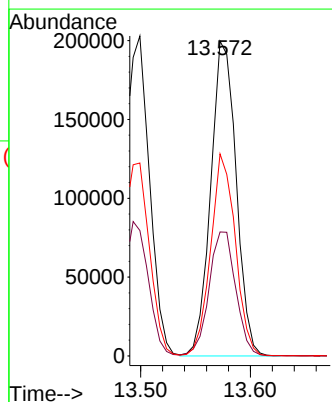
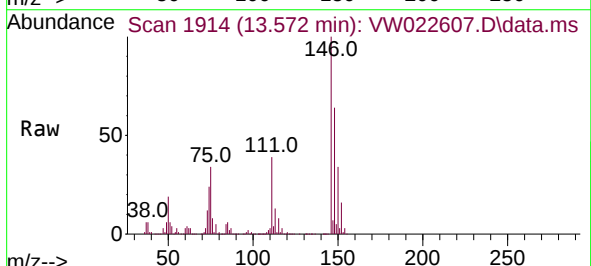
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

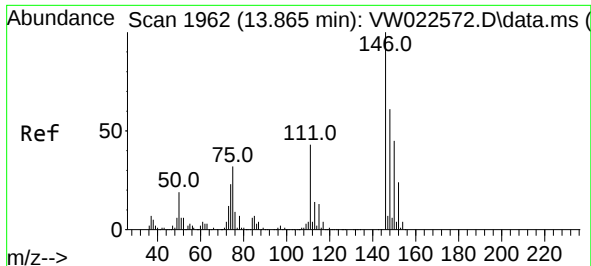
Tgt Ion:146 Resp: 328504
Ion Ratio Lower Upper
146 100
111 39.2 28.2 52.4
148 60.3 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 26.633 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

Tgt Ion:146 Resp: 322050
Ion Ratio Lower Upper
146 100
111 39.4 28.5 52.9
148 64.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 26.688 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022607.D

Acq: 25 Apr 2022 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025497

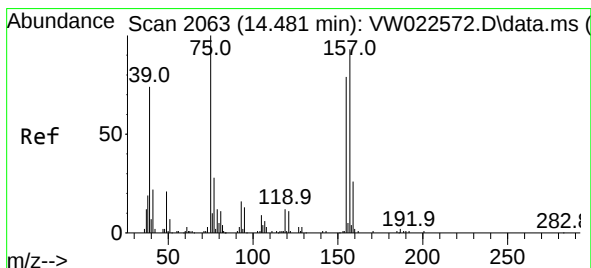
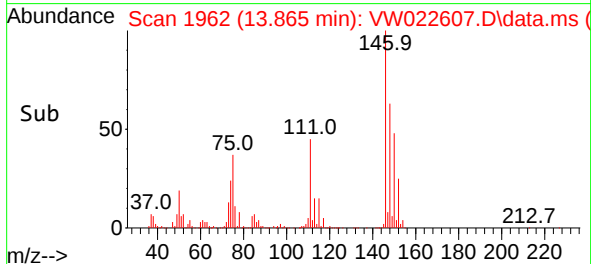
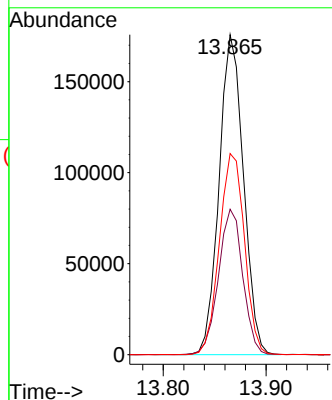
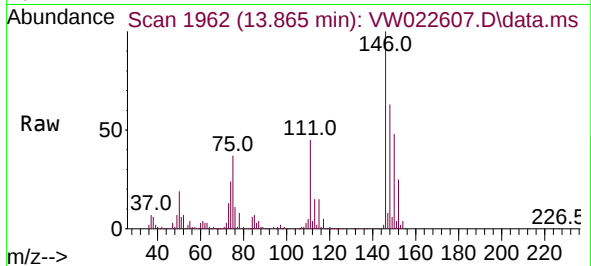
Tgt Ion:146 Resp: 289383

Ion Ratio Lower Upper

146 100

111 45.5 39.0 58.4

148 62.8 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 26.530 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022607.D

Acq: 25 Apr 2022 09:52

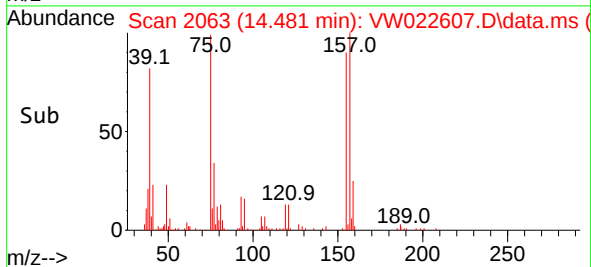
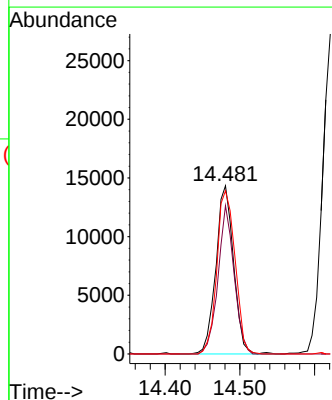
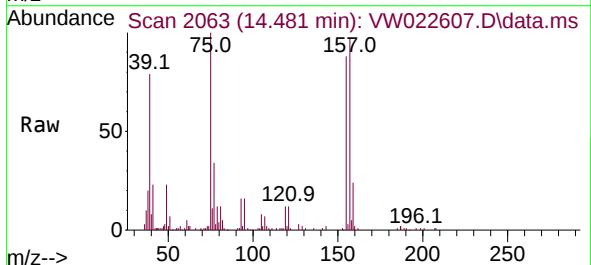
Tgt Ion: 75 Resp: 23539

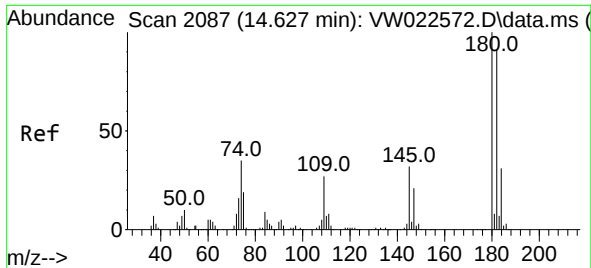
Ion Ratio Lower Upper

75 100

155 88.2 55.6 83.4#

157 97.1 69.8 104.6

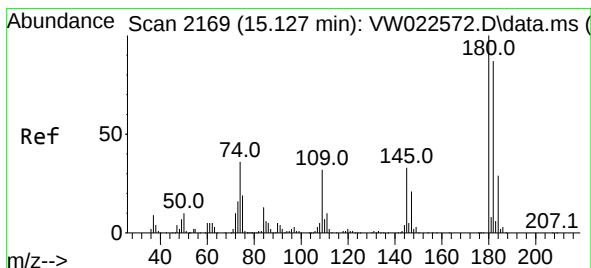
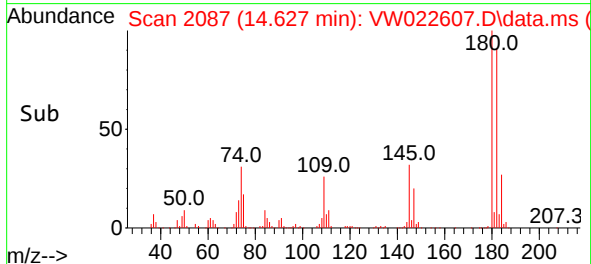
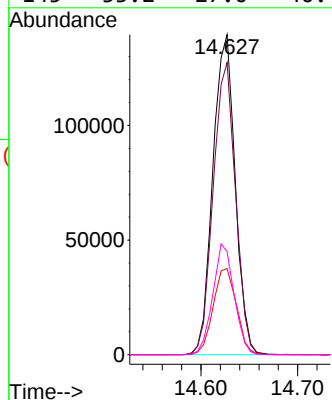
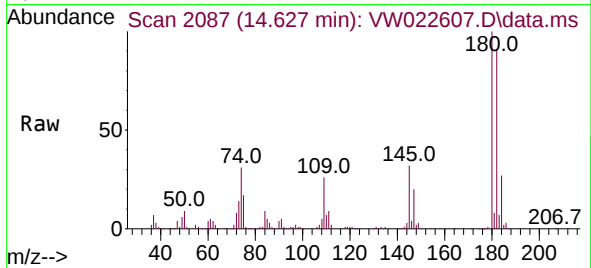




#69
1,3,5-Trichlorobenzene
Concen: 28.262 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

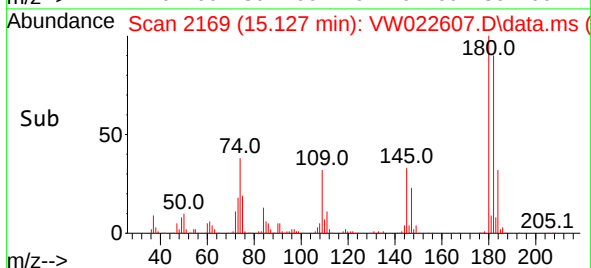
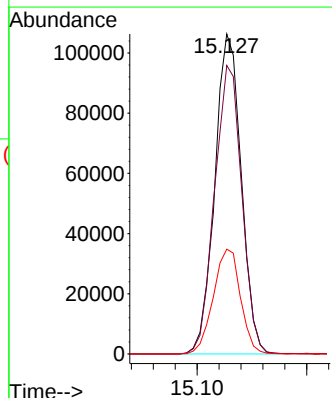
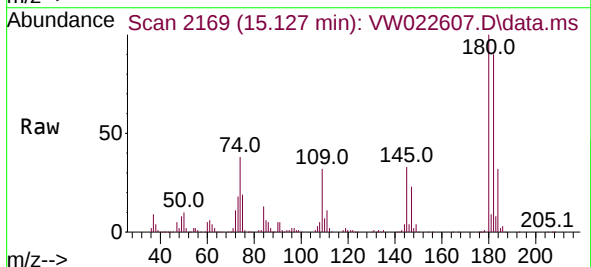
Instrument :
MSVOA_W
ClientSampleId :
VSTD025497

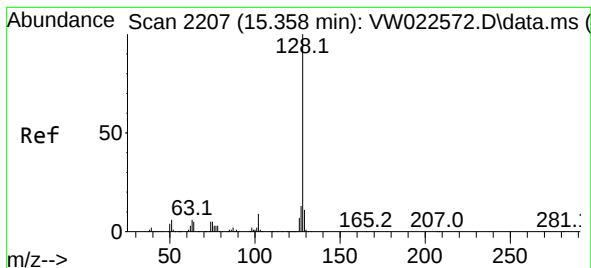
Tgt Ion:180 Resp: 223569
Ion Ratio Lower Upper
180 100
182 91.3 79.1 118.7
184 28.1 24.5 36.7
145 33.2 27.0 40.4



#70
1,2,4-trichlorobenzene
Concen: 26.819 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW022607.D
Acq: 25 Apr 2022 09:52

Tgt Ion:180 Resp: 178181
Ion Ratio Lower Upper
180 100
182 92.8 72.8 109.2
145 33.7 25.5 38.3





#71

Naphthalene

Concen: 28.561 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW022607.D

Acq: 25 Apr 2022 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD025497

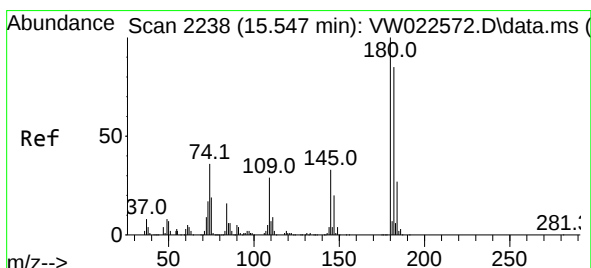
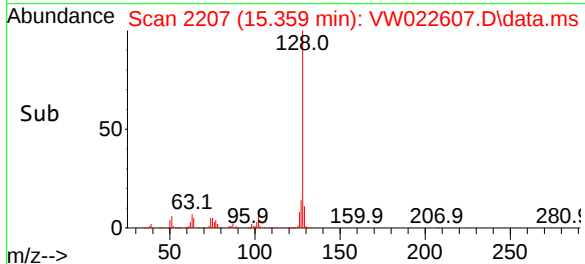
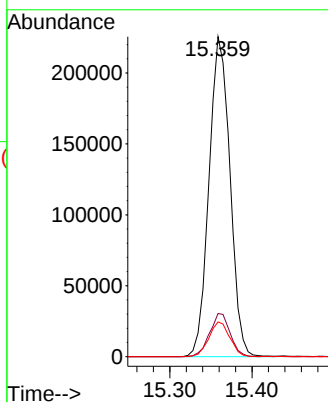
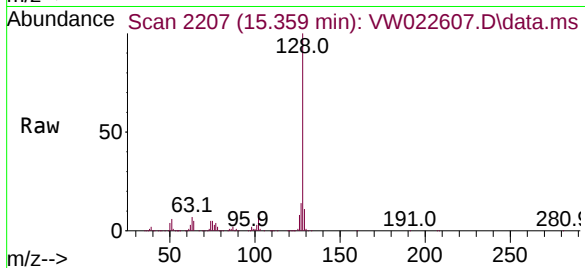
Tgt Ion:128 Resp: 400222

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 27.685 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW022607.D

Acq: 25 Apr 2022 09:52

Tgt Ion:180 Resp: 157219

Ion Ratio Lower Upper

180 100

182 95.7 73.4 110.0

145 35.3 27.0 40.6

