

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
 Data File : VW022655.D
 Acq On : 27 Apr 2022 20:20
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025502

Quant Time: Apr 28 01:15:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 28 01:10:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	270159	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	275927	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	152064	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	120792	20.225	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.920%
7) Chloroethane-d5	2.885	69	88284	23.586	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.360%
11) 1,1-Dichloroethene-d2	4.019	63	178028	22.982	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.920%
21) 2-Butanone-d5	7.073	46	60956	58.460	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.920%
24) Chloroform-d	7.646	84	222684	26.371	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.480%
26) 1,2-Dichloroethane-d4	8.305	65	117341	24.321	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.280%
32) Benzene-d6	8.274	84	410580	24.355	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.440%
36) 1,2-Dichloropropane-d6	9.274	67	118487	24.287	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.160%
41) Toluene-d8	10.323	98	388069	23.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	10.579	79	48838	21.212	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.840%
47) 2-Hexanone-d5	10.926	63	50918	56.098	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.200%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	115357	27.809	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	142954	26.541	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	32243	24.347	ug/L	96
3) Chloromethane	2.221	50	76410	23.141	ug/L	98
5) Vinyl chloride	2.361	62	153689	22.307	ug/L	99
6) Bromomethane	2.781	94	93638	22.357	ug/L	97
8) Chloroethane	2.922	64	77045	25.543	ug/L	97
9) Trichlorofluoromethane	3.257	101	72283	28.417	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	112979	27.894	ug/L	96
12) 1,1-Dichloroethene	4.043	96	100367	27.592	ug/L	86
13) Acetone	4.129	43	40947	57.677	ug/L	93
14) Carbon disulfide	4.385	76	235757	19.701	ug/L	98
15) Methyl Acetate	4.671	43	51399	28.851	ug/L	94
16) Methylene chloride	4.915	84	114690	28.213	ug/L	89
17) trans-1,2-Dichloroethene	5.421	96	111528	26.173	ug/L	91
18) Methyl tert-butyl Ether	5.427	73	189435	27.220	ug/L	96
19) 1,1-Dichloroethane	6.220	63	205272	26.401	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	126461	28.099	ug/L #	87
22) 2-Butanone	7.171	43	67078	62.559	ug/L	96
23) Bromochloromethane	7.518	128	58203	30.050	ug/L	88
25) Chloroform	7.677	83	226878	27.705	ug/L	96

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 Response via : Initial Calibration

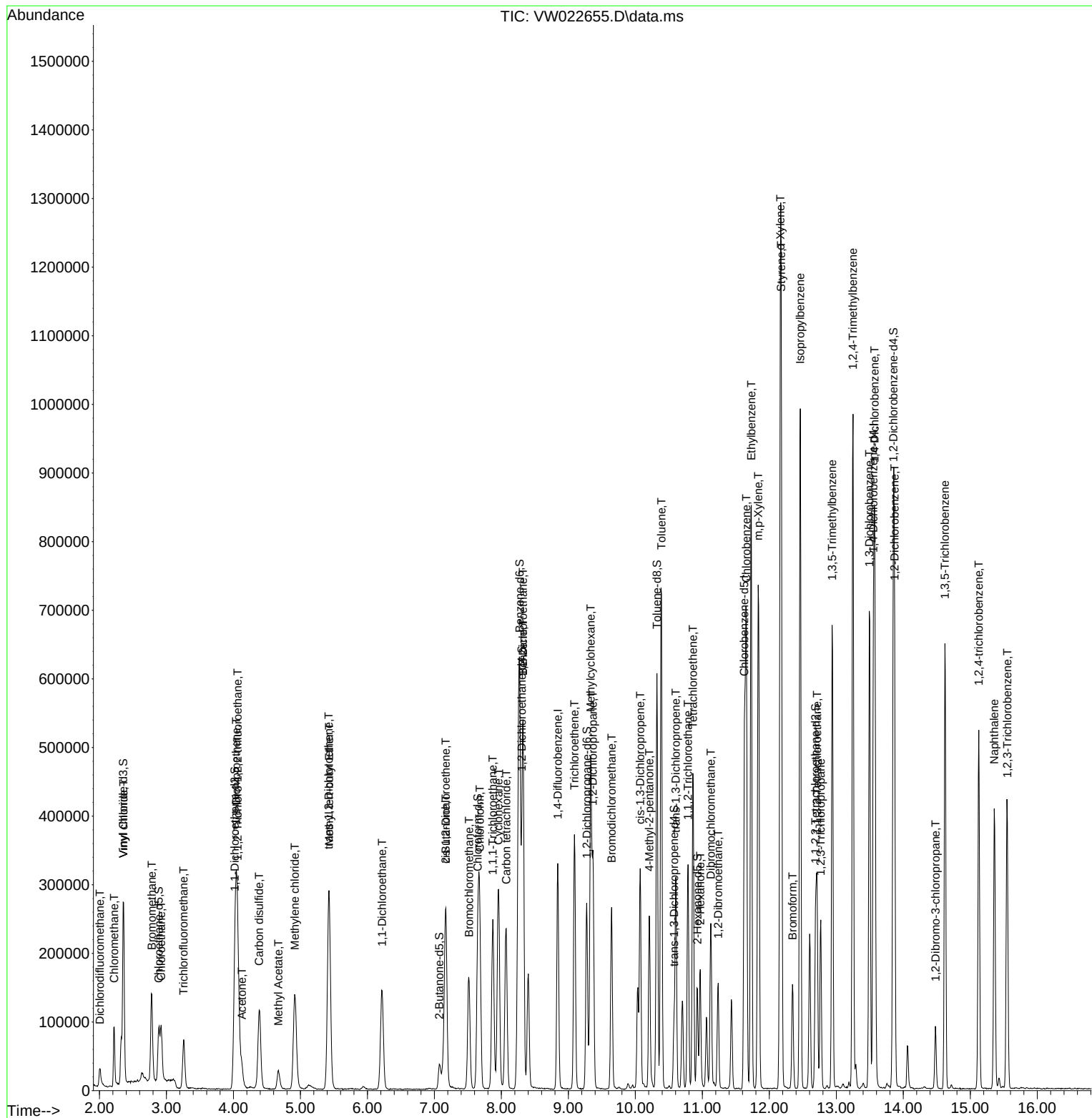
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.323	62	3916	0.680	ug/L	96
29) Cyclohexane	7.957	56	162640	20.594	ug/L	95
30) 1,1,1-Trichloroethane	7.872	97	192577	25.160	ug/L	97
31) Carbon tetrachloride	8.073	117	175012	25.476	ug/L	99
33) Benzene	8.323	78	473081	25.253	ug/L	100
34) Trichloroethene	9.091	95	127342	25.387	ug/L	96
35) Methylcyclohexane	9.335	83	201744	22.417	ug/L	95
37) 1,2-Dichloropropane	9.366	63	115937	25.833	ug/L	98
38) Bromodichloromethane	9.646	83	166536	25.804	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	180999	25.416	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	155661	56.834	ug/L	94
42) Toluene	10.390	91	537090	25.020	ug/L	92
44) trans-1,3-Dichloropropene	10.603	75	158630	24.877	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	99044	28.916	ug/L	97
46) Tetrachloroethene	10.859	164	94316	25.580	ug/L	92
48) 2-Hexanone	10.969	43	107471	55.620	ug/L #	95
49) Dibromochloromethane	11.127	129	121196	29.669	ug/L	97
50) 1,2-Dibromoethane	11.237	107	99715	29.483	ug/L	100
51) Chlorobenzene	11.658	112	363056	27.676	ug/L	93
52) Ethylbenzene	11.731	91	611223	25.402	ug/L	98
53) m,p-Xylene	11.835	106	244588	26.734	ug/L	85
54) o-Xylene	12.164	106	237696	27.188	ug/L	91
55) Styrene	12.176	104	410825	27.504	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	127786	30.396	ug/L	99
59) Bromoform	12.347	173	65401	28.944	ug/L	98
60) Isopropylbenzene	12.463	105	650200	25.740	ug/L	98
61) 1,2,3-Trichloropropane	12.767	75	93804	28.999	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	355554	25.594	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	535819	25.364	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	278243	27.141	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	278639	27.253	ug/L	100
67) 1,2-Dichlorobenzene	13.871	146	249192	27.179	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	20167	26.882	ug/L	85
69) 1,3,5-Trichlorobenzene	14.621	180	182641	27.305	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	147547	26.265	ug/L	96
71) Naphthalene	15.358	128	343842	29.020	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	129602	26.991	ug/L	96

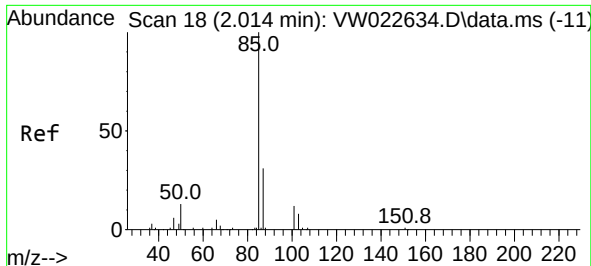
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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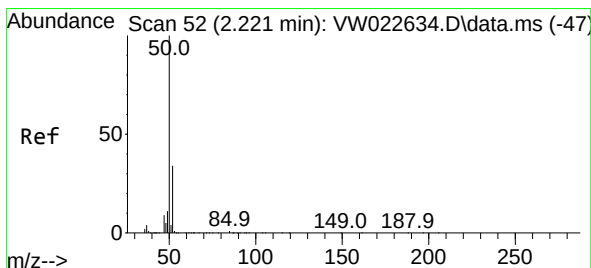
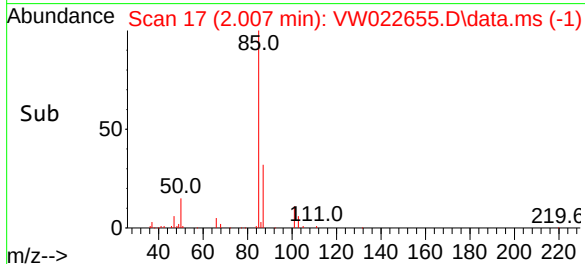
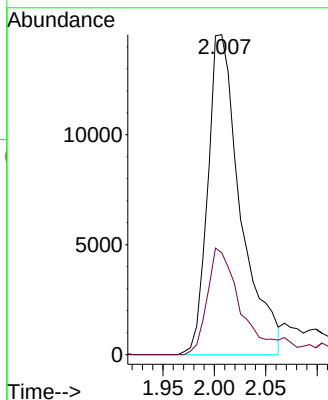
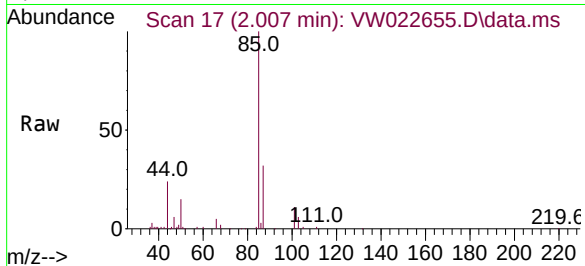




#2
Dichlorodifluoromethane
Concen: 24.347 ug/L
RT: 2.007 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022655.D
Acq: 27 Apr 2022 20:20

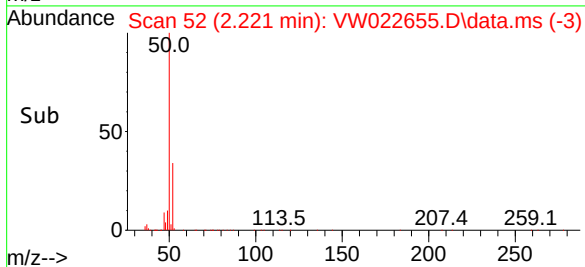
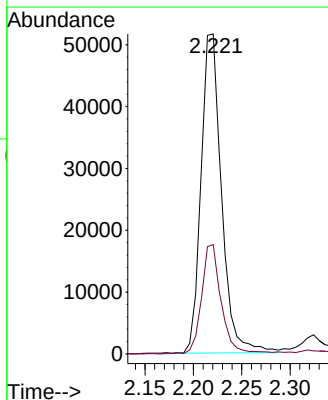
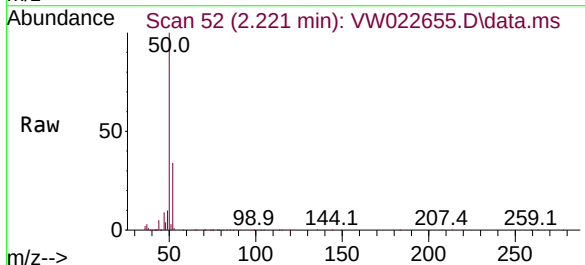
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

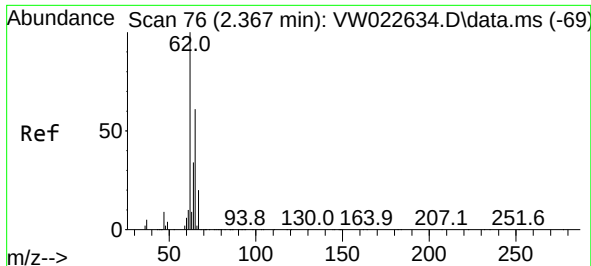
Tgt Ion: 85 Resp: 32243
Ion Ratio Lower Upper
85 100
87 32.0 23.7 35.5



#3
Chloromethane
Concen: 23.141 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW022655.D
Acq: 27 Apr 2022 20:20

Tgt Ion: 50 Resp: 76410
Ion Ratio Lower Upper
50 100
52 34.2 23.0 42.6

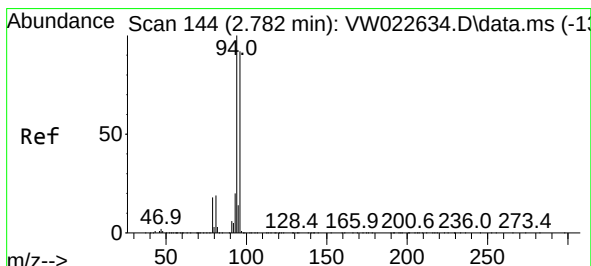
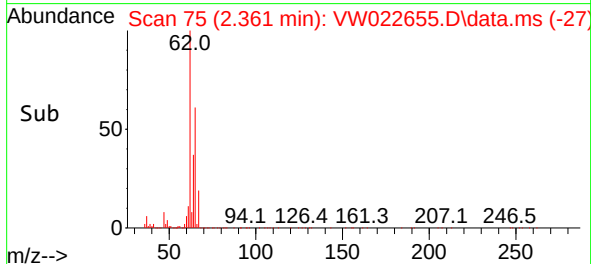
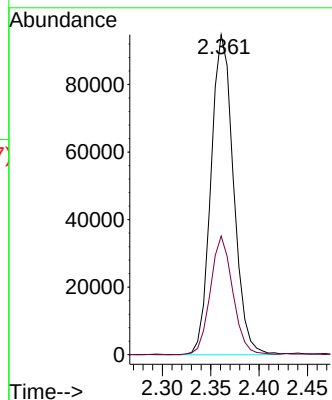
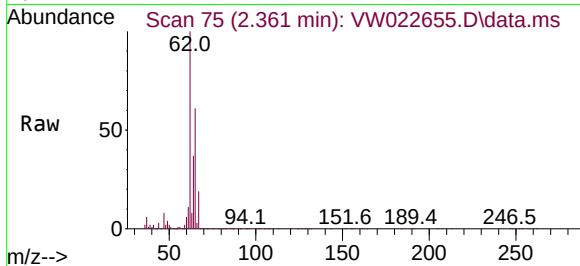




#5
 Vinyl chloride
 Concen: 22.307 ug/L
 RT: 2.361 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW022655.D
 Acq: 27 Apr 2022 20:20

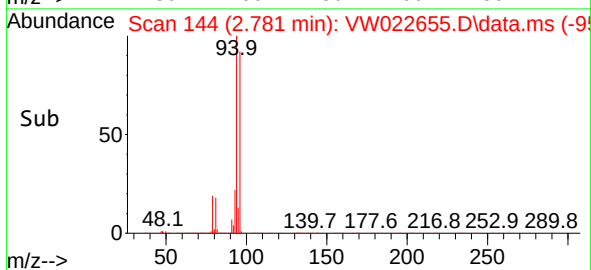
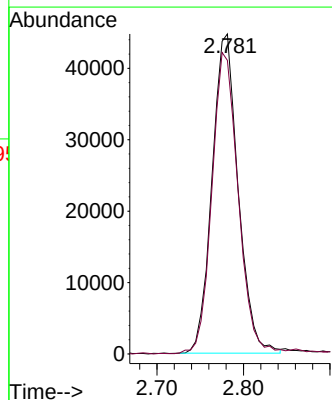
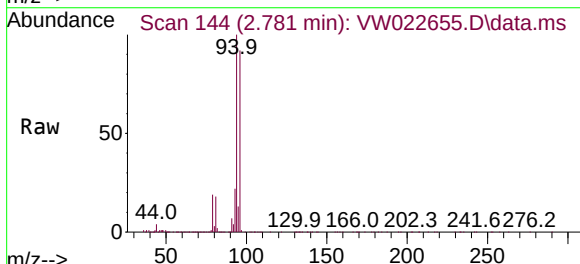
Instrument :
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 ClientSampleId :
 VSTD025502

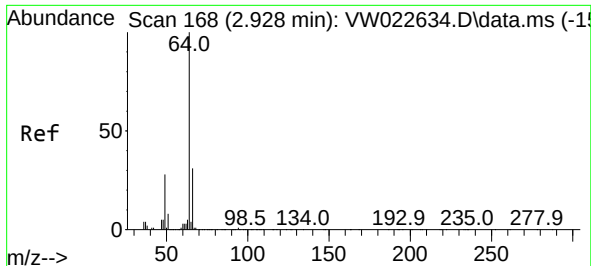
Tgt Ion: 62 Resp: 153689
 Ion Ratio Lower Upper
 62 100
 64 37.1 26.5 49.3



#6
 Bromomethane
 Concen: 22.357 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW022655.D
 Acq: 27 Apr 2022 20:20

Tgt Ion: 94 Resp: 93638
 Ion Ratio Lower Upper
 94 100
 96 91.8 66.6 123.6

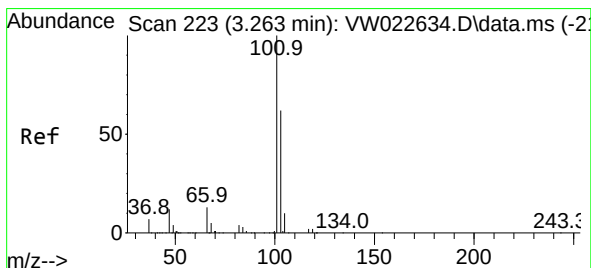
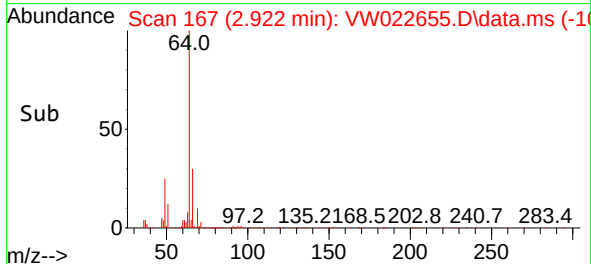
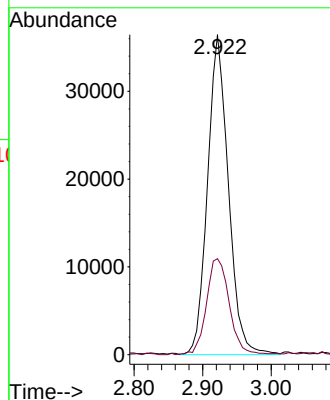
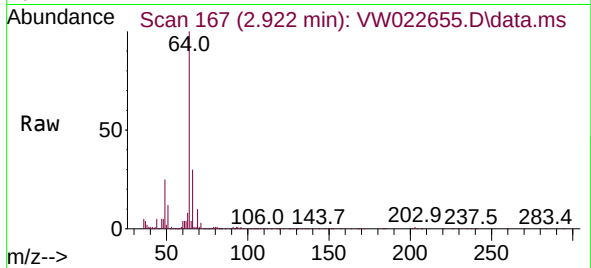




#8
Chloroethane
Concen: 25.543 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022655.D
Acq: 27 Apr 2022 20:20

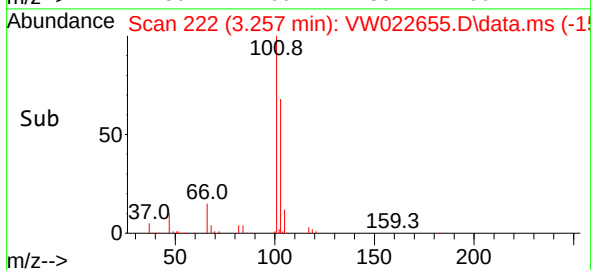
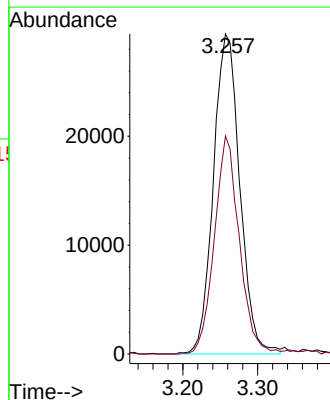
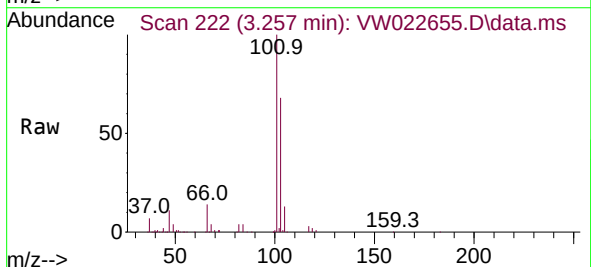
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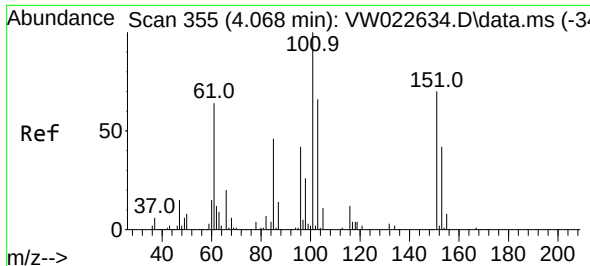
Tgt Ion: 64 Resp: 77045
Ion Ratio Lower Upper
64 100
66 30.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 28.417 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW022655.D
Acq: 27 Apr 2022 20:20

Tgt Ion: 101 Resp: 72283
Ion Ratio Lower Upper
101 100
103 64.2 52.0 78.0

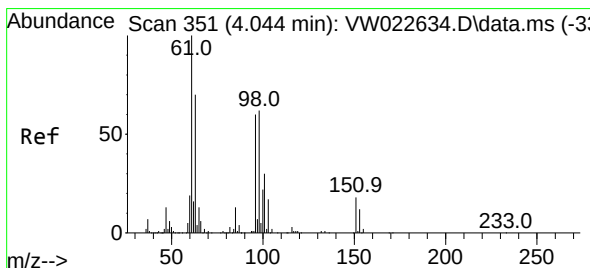
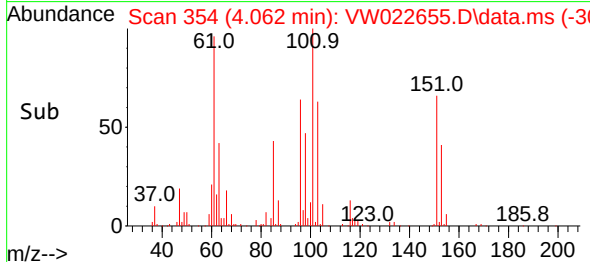
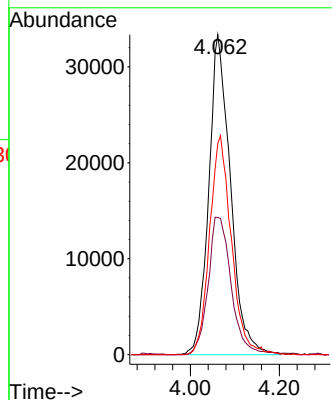
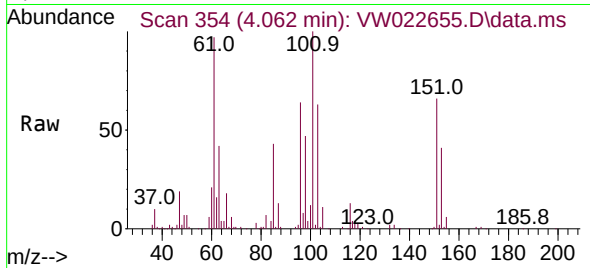




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.894 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW022655.D
 Acq: 27 Apr 2022 20:20

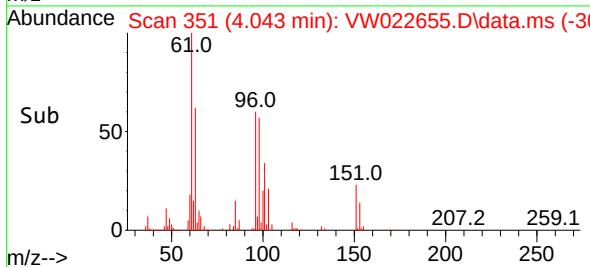
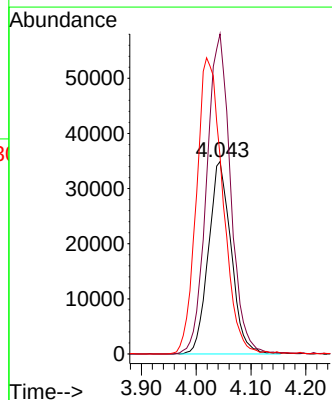
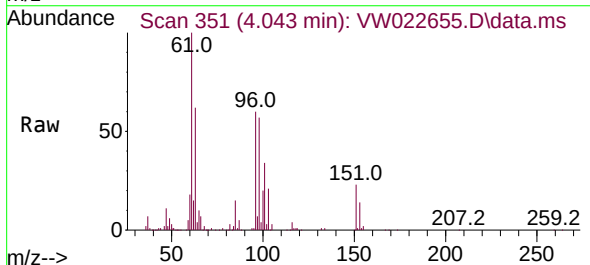
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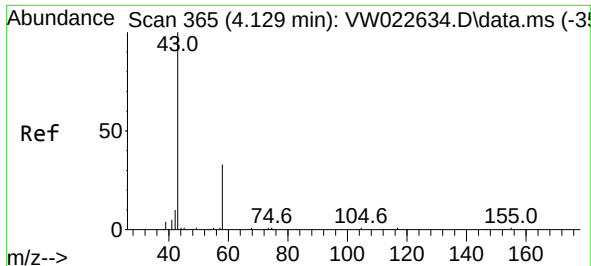
Tgt Ion:101 Resp: 112979
 Ion Ratio Lower Upper
 101 100
 85 45.8 39.2 58.8
 151 67.9 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 27.592 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW022655.D
 Acq: 27 Apr 2022 20:20

Tgt Ion: 96 Resp: 100367
 Ion Ratio Lower Upper
 96 100
 61 166.3 128.0 237.6
 63 102.9 86.6 160.8





#13

Acetone

Concen: 57.677 ug/L

RT: 4.129 min Scan# 365

Delta R.T. -0.000 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

Instrument :

MSVOA_W

ClientSampleId :

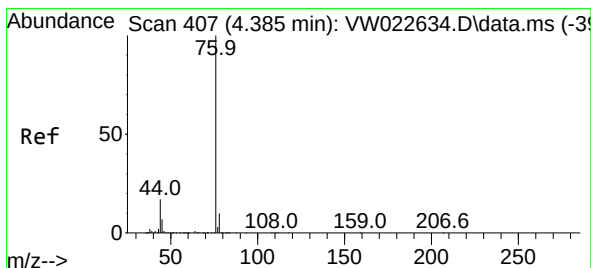
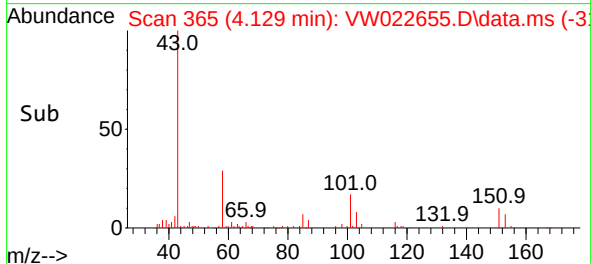
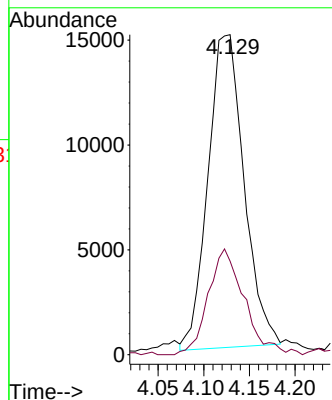
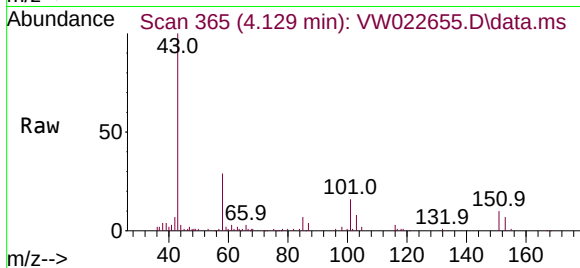
VSTD025502

Tgt Ion: 43 Resp: 40947

Ion Ratio Lower Upper

43 100

58 32.2 0.0 57.0



#14

Carbon disulfide

Concen: 19.701 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW022655.D

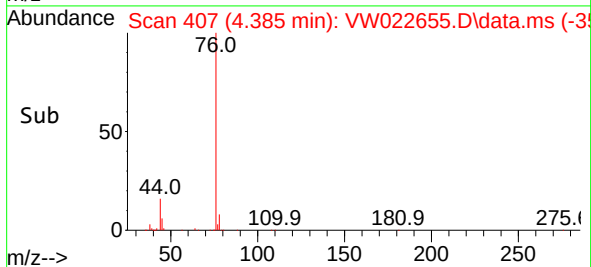
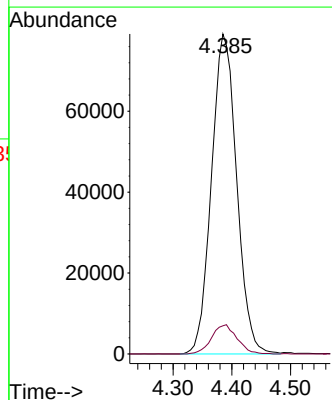
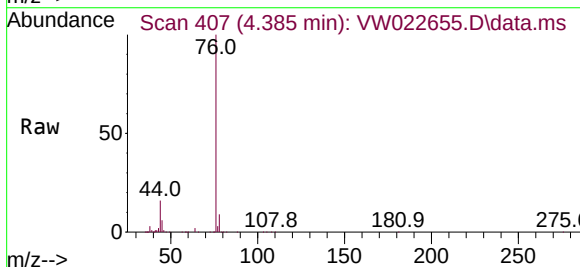
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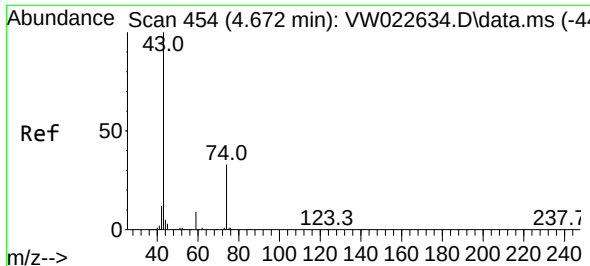
Tgt Ion: 76 Resp: 235757

Ion Ratio Lower Upper

76 100

78 8.8 7.6 11.4

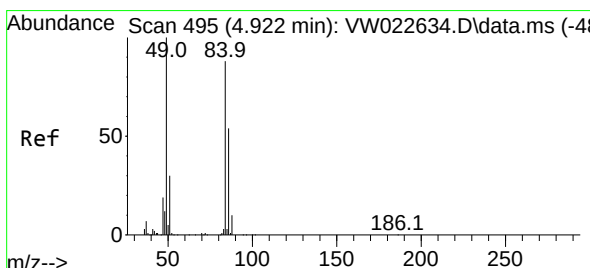
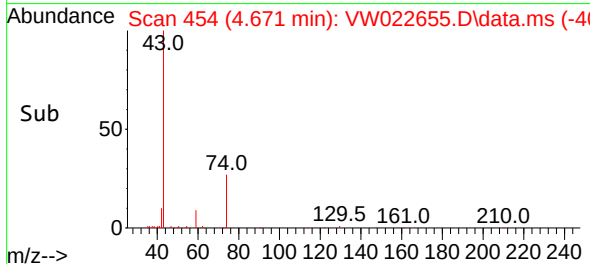
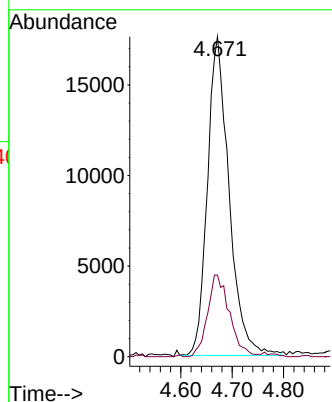
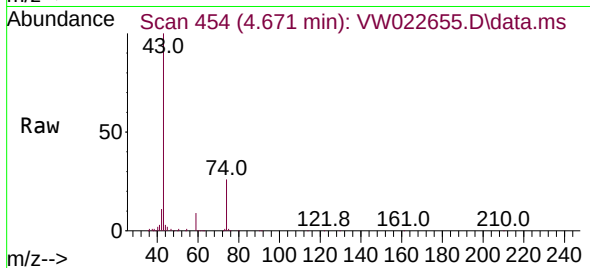




#15
Methyl Acetate
Concen: 28.851 ug/L
RT: 4.671 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW022655.D
Acq: 27 Apr 2022 20:20

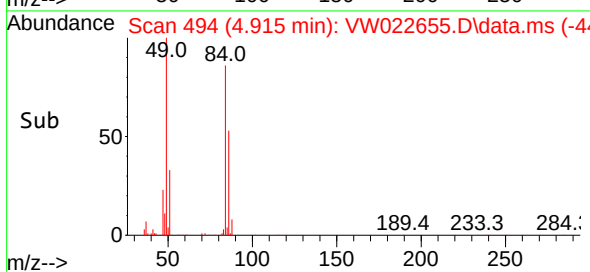
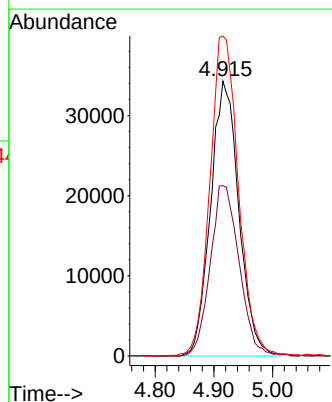
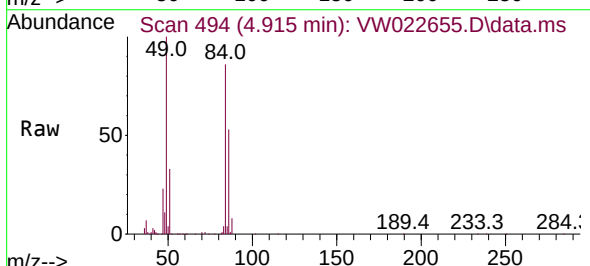
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

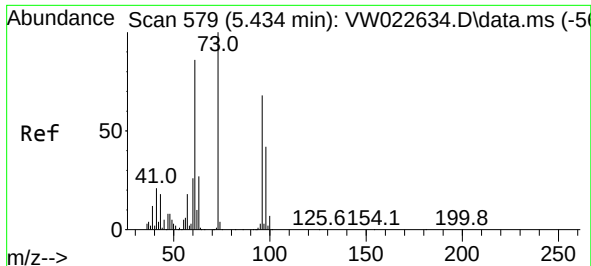
Tgt Ion: 43 Resp: 51399
Ion Ratio Lower Upper
43 100
74 26.0 18.5 27.7



#16
Methylene chloride
Concen: 28.213 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW022655.D
Acq: 27 Apr 2022 20:20

Tgt Ion: 84 Resp: 114690
Ion Ratio Lower Upper
84 100
86 62.0 42.8 79.4
49 116.4 94.2 175.0

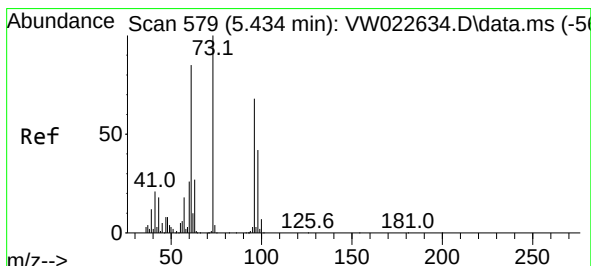
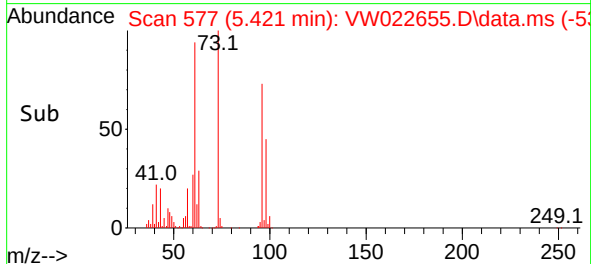
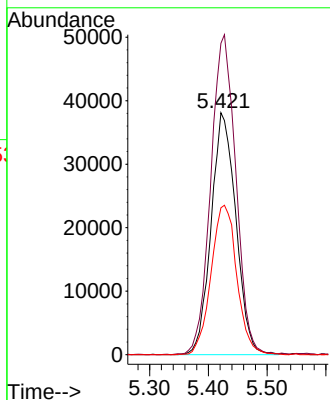
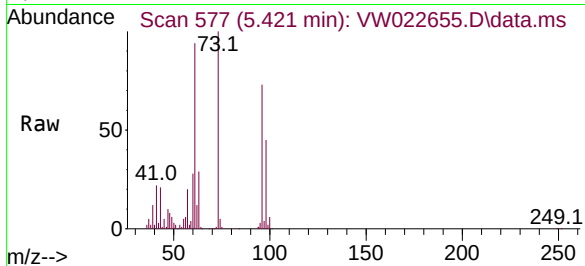




#17
trans-1,2-Dichloroethene
Concen: 26.173 ug/L
RT: 5.421 min Scan# 511
Delta R.T. -0.012 min
Lab File: VW022655.D
Acq: 27 Apr 2022 20:20

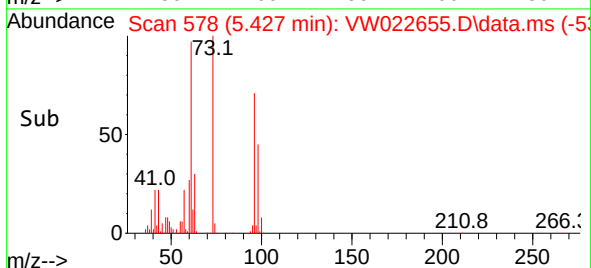
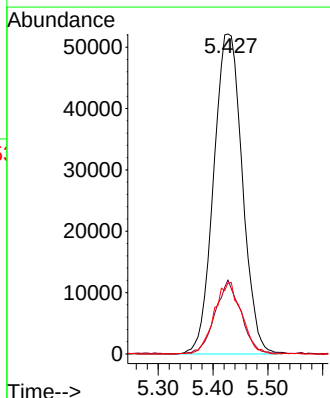
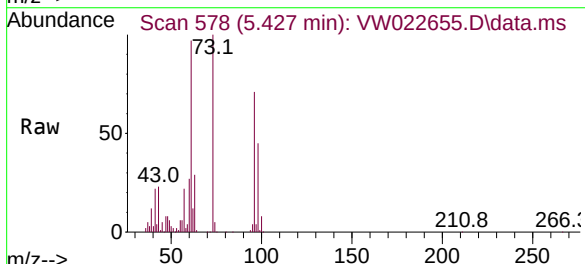
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

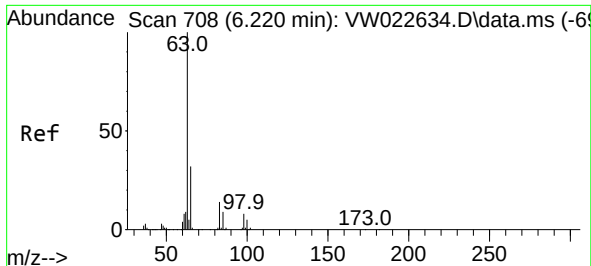
Tgt Ion: 96 Resp: 111528
Ion Ratio Lower Upper
96 100
61 128.7 99.8 185.4
98 60.7 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 27.220 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW022655.D
Acq: 27 Apr 2022 20:20

Tgt Ion: 73 Resp: 189435
Ion Ratio Lower Upper
73 100
43 20.5 18.8 28.2
57 21.4 17.5 26.3





#19

1,1-Dichloroethane

Concen: 26.401 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025502

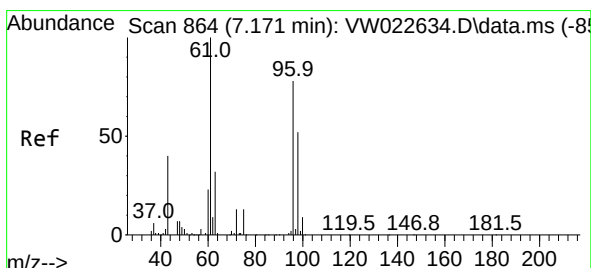
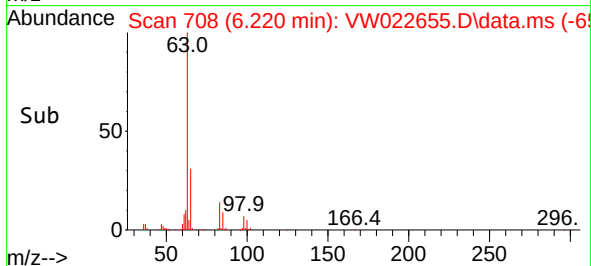
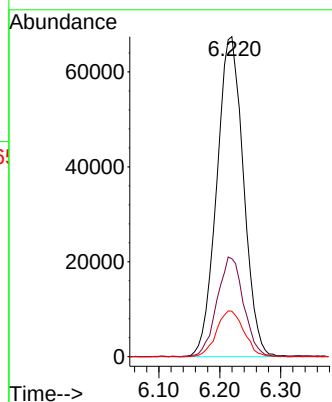
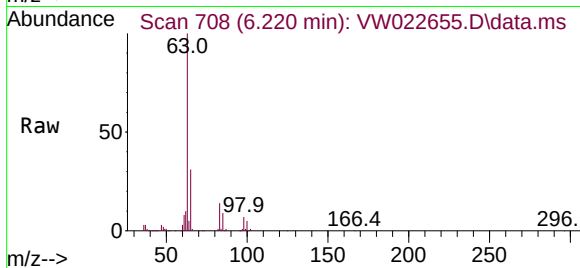
Tgt Ion: 63 Resp: 205272

Ion Ratio Lower Upper

63 100

65 30.6 21.1 39.3

83 14.2 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 28.099 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

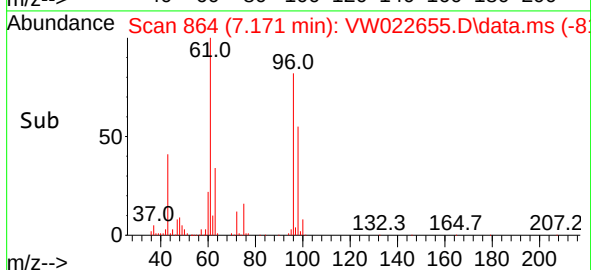
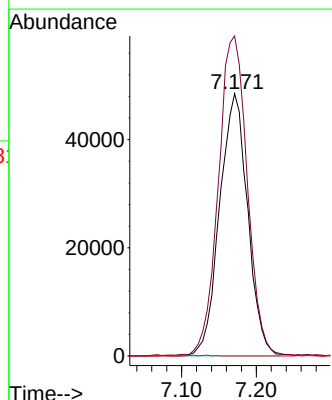
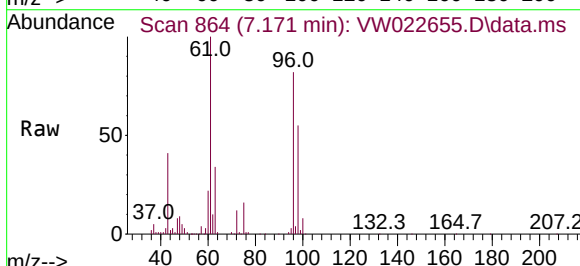
Tgt Ion: 96 Resp: 126461

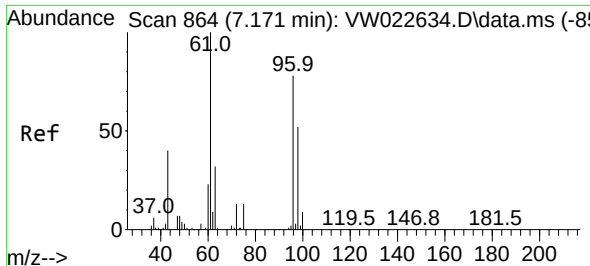
Ion Ratio Lower Upper

96 100

61 121.9 96.4 179.0

68 0.0 0.1 0.3

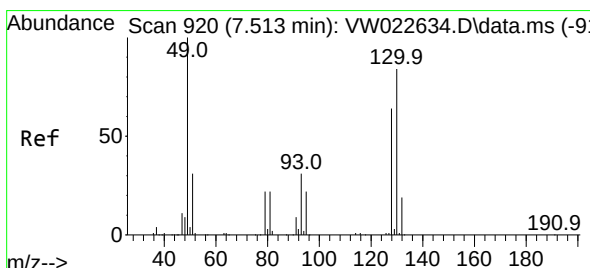
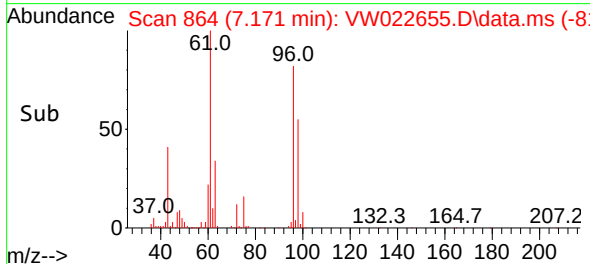
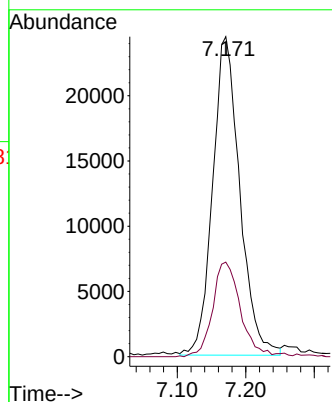
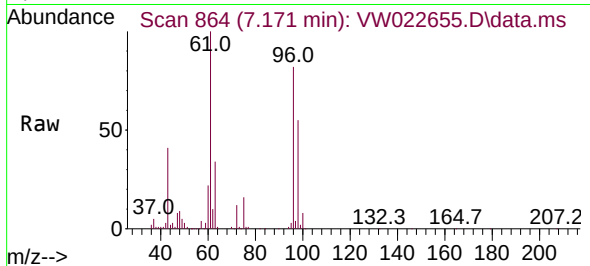




#22
2-Butanone
Concen: 62.559 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022655.D
Acq: 27 Apr 2022 20:20

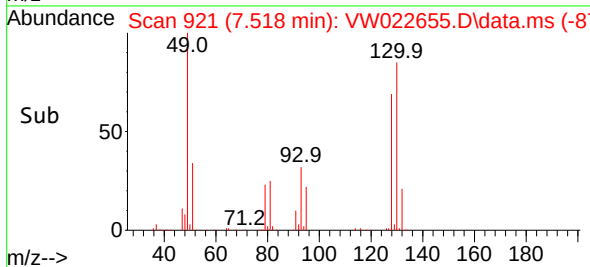
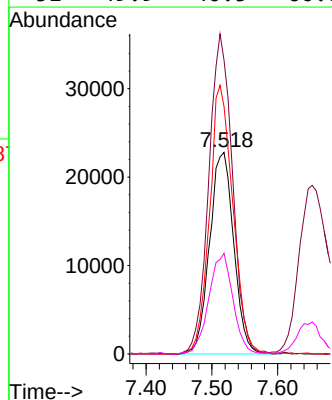
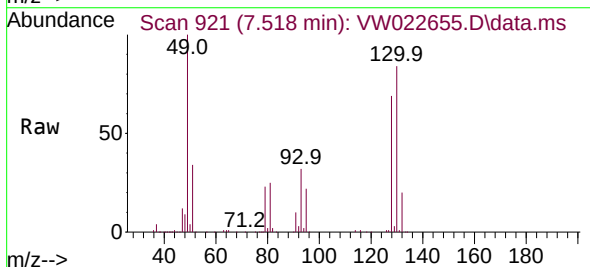
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

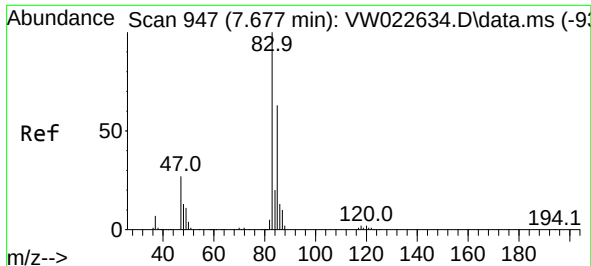
Tgt Ion: 43 Resp: 67078
Ion Ratio Lower Upper
43 100
72 30.0 14.0 42.0



#23
Bromochloromethane
Concen: 30.050 ug/L
RT: 7.518 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW022655.D
Acq: 27 Apr 2022 20:20

Tgt Ion: 128 Resp: 58203
Ion Ratio Lower Upper
128 100
49 145.6 120.8 224.3
130 122.6 81.8 151.8
51 49.9 40.5 60.7





#25

Chloroform

Concen: 27.705 ug/L

RT: 7.677 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

Instrument :

MSVOA_W

ClientSampleId :

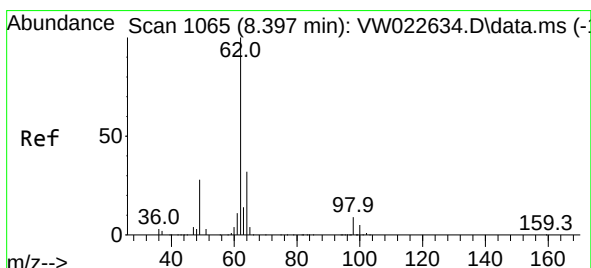
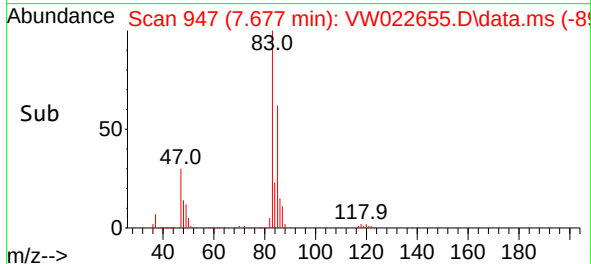
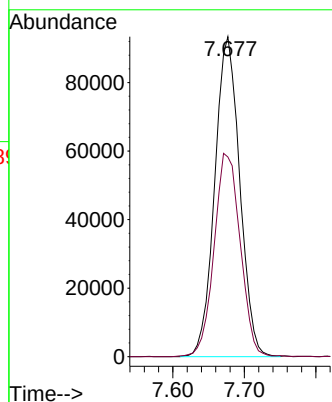
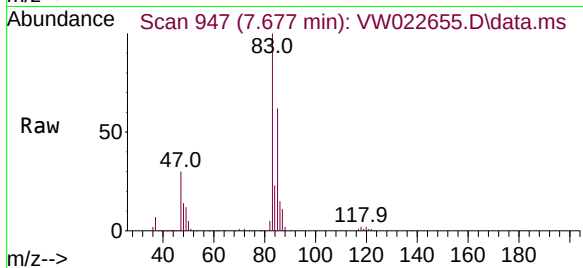
VSTD025502

Tgt Ion: 83 Resp: 226878

Ion Ratio Lower Upper

83 100

85 62.4 45.8 85.0



#27

1,2-Dichloroethane

Concen: 0.680 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. -0.073 min

Lab File: VW022655.D

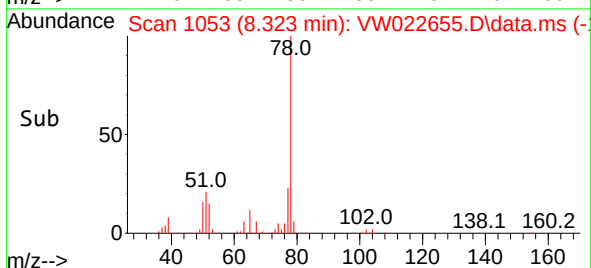
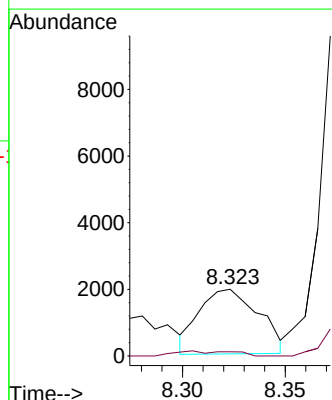
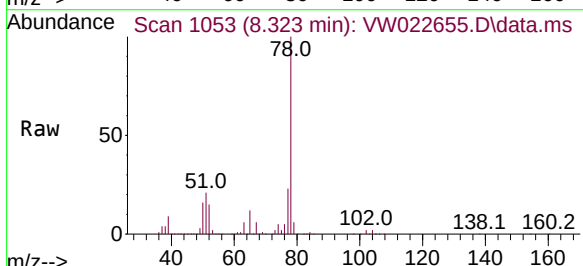
Acq: 27 Apr 2022 20:20

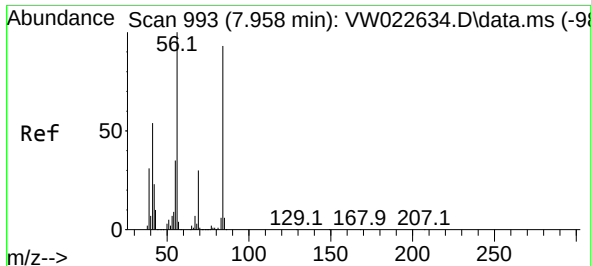
Tgt Ion: 62 Resp: 3916

Ion Ratio Lower Upper

62 100

98 6.3 6.2 9.2





#29

Cyclohexane

Concen: 20.594 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025502

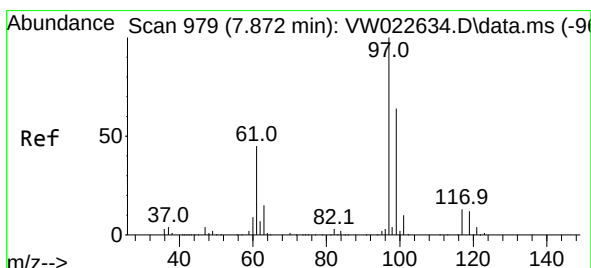
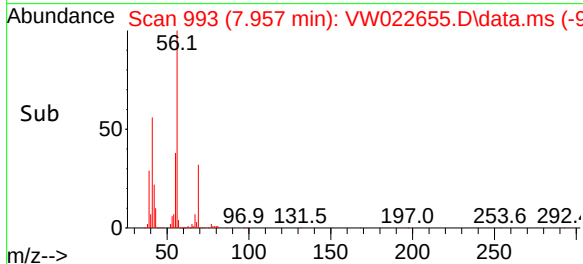
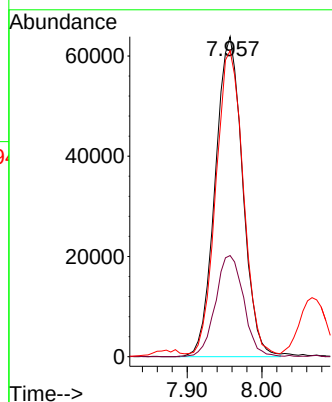
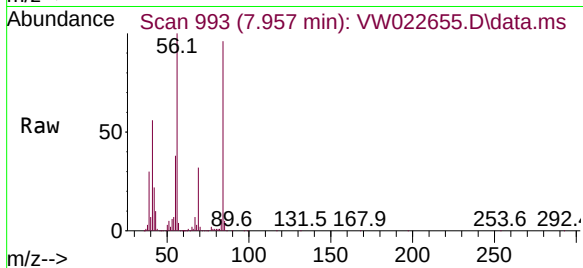
Tgt Ion: 56 Resp: 162640

Ion Ratio Lower Upper

56 100

69 32.5 24.4 36.6

84 95.8 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 25.160 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

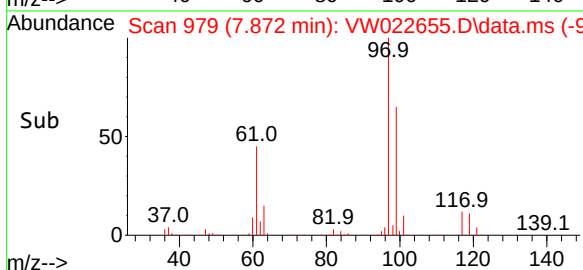
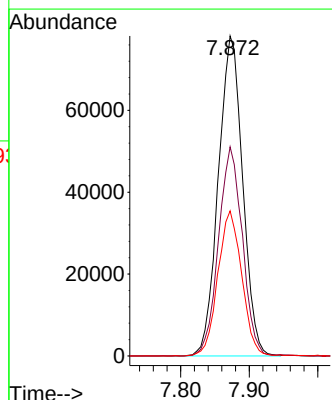
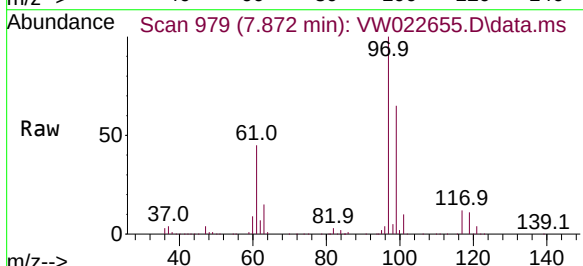
Tgt Ion: 97 Resp: 192577

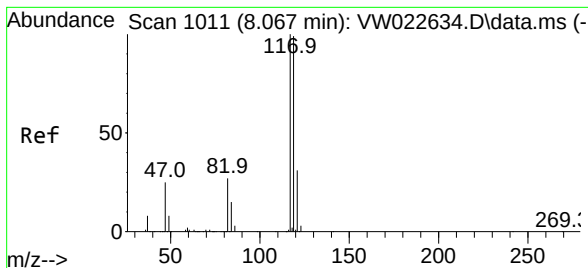
Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

61 44.4 38.7 58.1

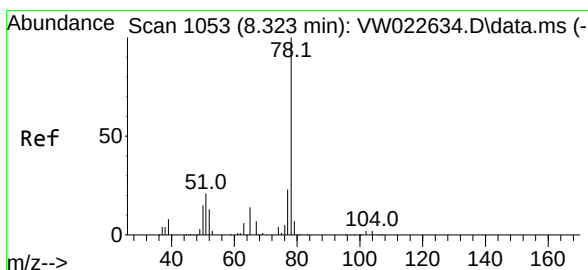
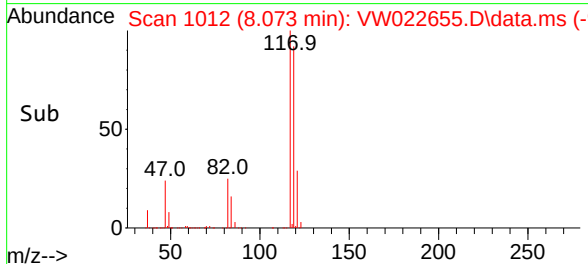
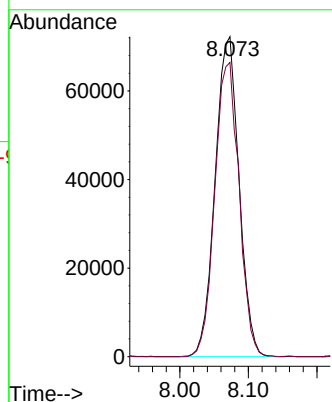
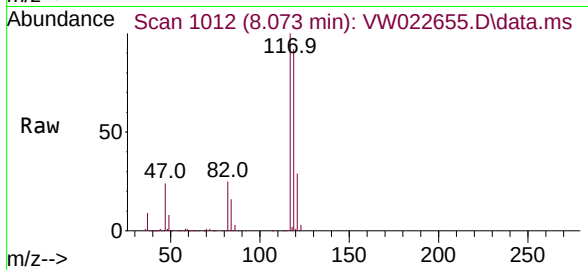




#31
Carbon tetrachloride
Concen: 25.476 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW022655.D
Acq: 27 Apr 2022 20:20

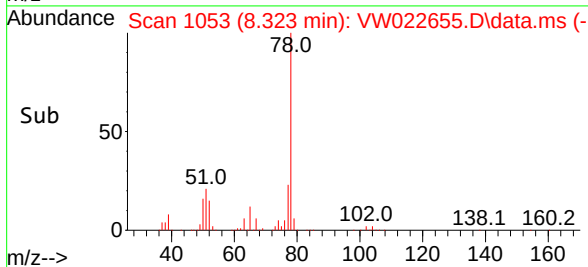
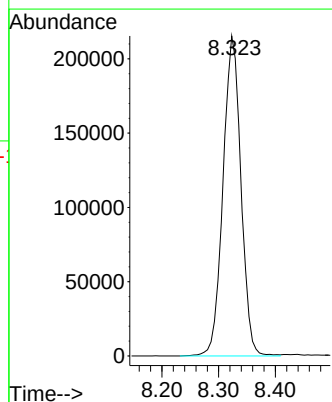
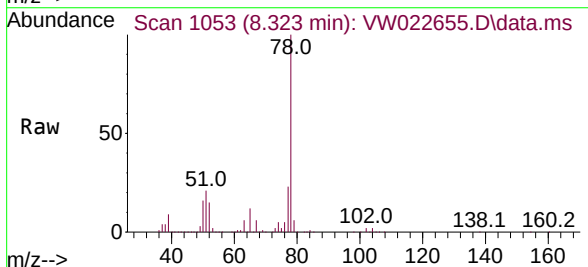
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

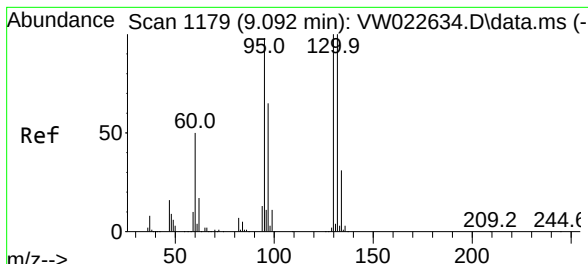
Tgt Ion:117 Resp: 175012
Ion Ratio Lower Upper
117 100
119 93.4 75.5 113.3



#33
Benzene
Concen: 25.253 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022655.D
Acq: 27 Apr 2022 20:20

Tgt Ion: 78 Resp: 473081



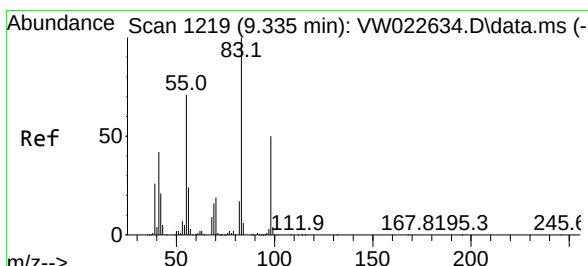
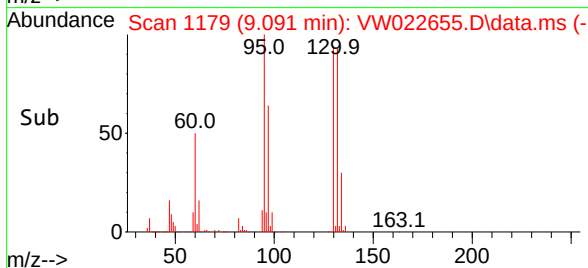
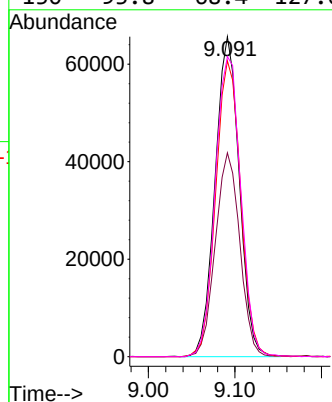
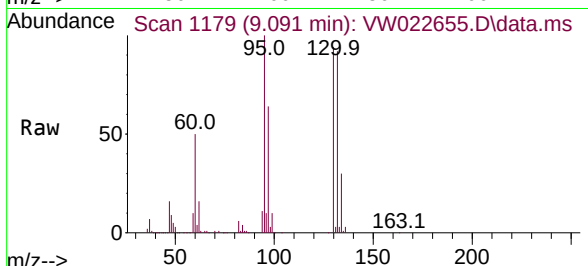


#34
 Trichloroethene
 Concen: 25.387 ug/L
 RT: 9.091 min Scan# 1179
 Delta R.T. -0.000 min
 Lab File: VW022655.D
 Acq: 27 Apr 2022 20:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025502

Tgt Ion: 95 Resp: 127342

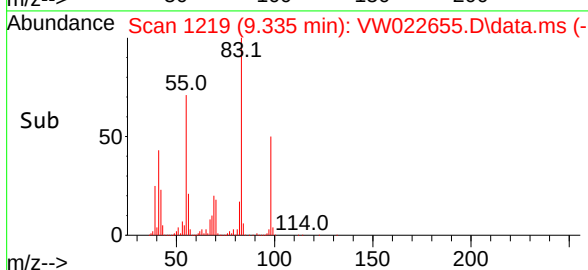
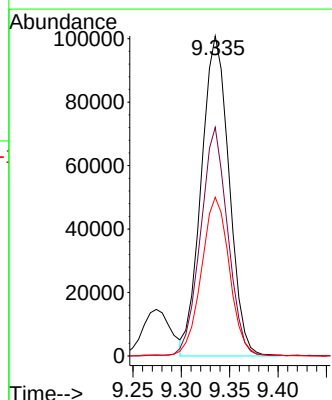
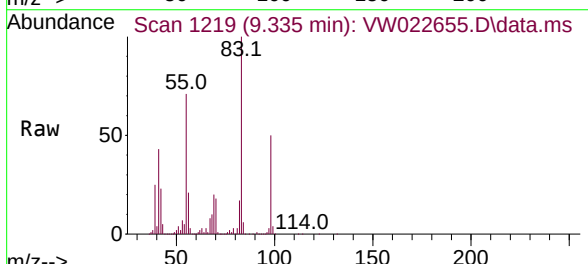
Ion	Ratio	Lower	Upper
95	100		
97	63.7	46.4	86.2
132	92.4	67.4	125.2
130	93.8	68.4	127.0

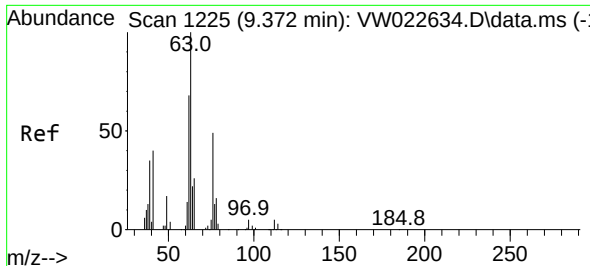


#35
 Methylcyclohexane
 Concen: 22.417 ug/L
 RT: 9.335 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: VW022655.D
 Acq: 27 Apr 2022 20:20

Tgt Ion: 83 Resp: 201744

Ion	Ratio	Lower	Upper
83	100		
55	69.7	61.0	91.6
98	49.9	39.2	58.8





#37

1,2-Dichloropropane

Concen: 25.833 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

Instrument :

MSVOA_W

ClientSampleId :

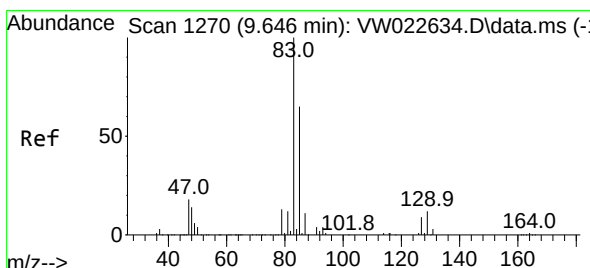
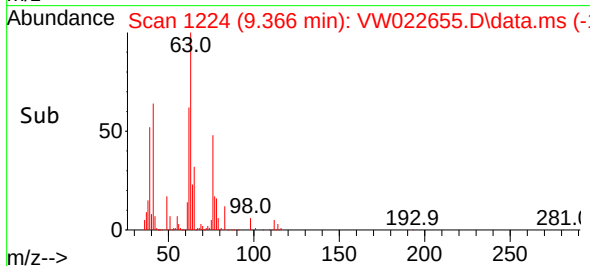
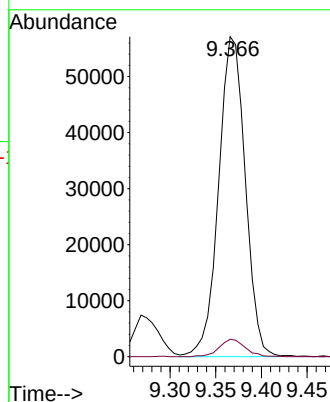
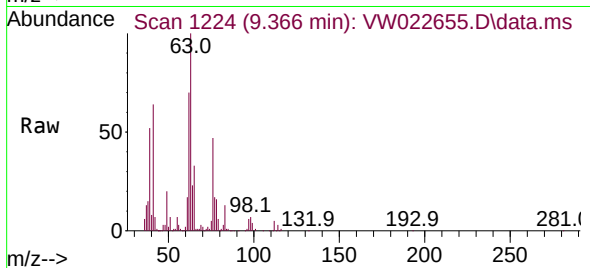
VSTD025502

Tgt Ion: 63 Resp: 115937

Ion Ratio Lower Upper

63 100

112 5.3 3.8 5.6



#38

Bromodichloromethane

Concen: 25.804 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

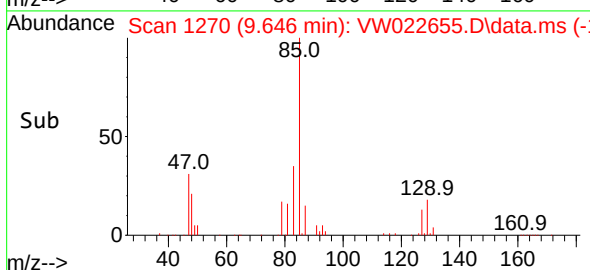
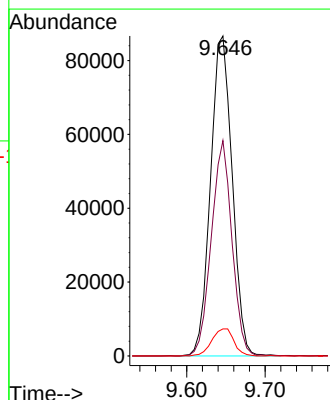
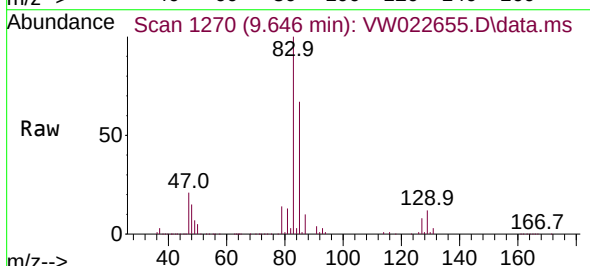
Tgt Ion: 83 Resp: 166536

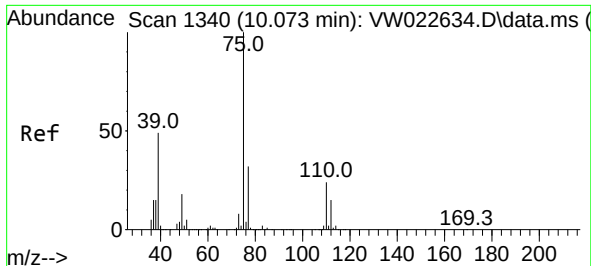
Ion Ratio Lower Upper

83 100

85 67.3 45.2 84.0

127 8.5 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 25.416 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

Instrument :

MSVOA_W

ClientSampleId :

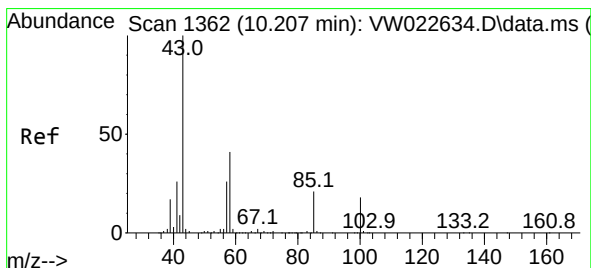
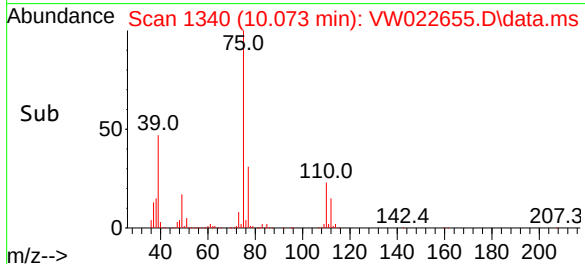
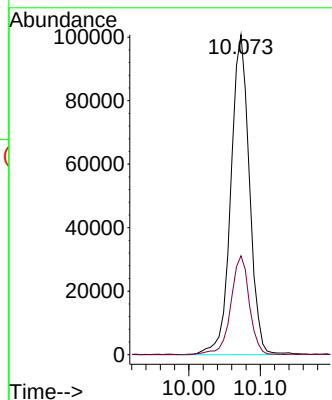
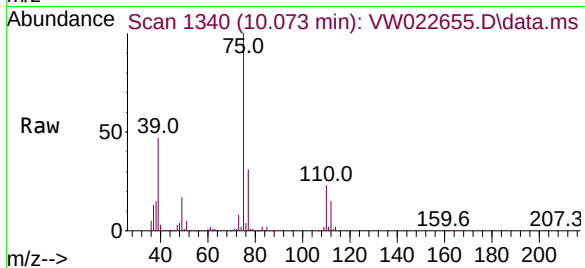
VSTD025502

Tgt Ion: 75 Resp: 180999

Ion Ratio Lower Upper

75 100

77 30.9 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 56.834 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

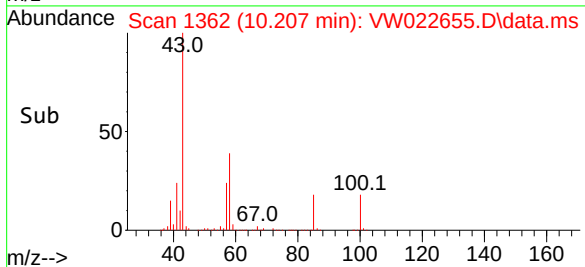
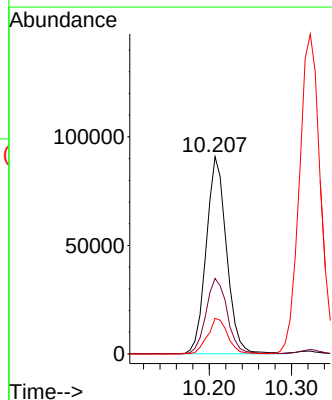
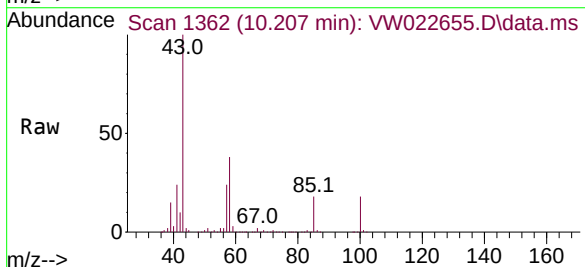
Tgt Ion: 43 Resp: 155661

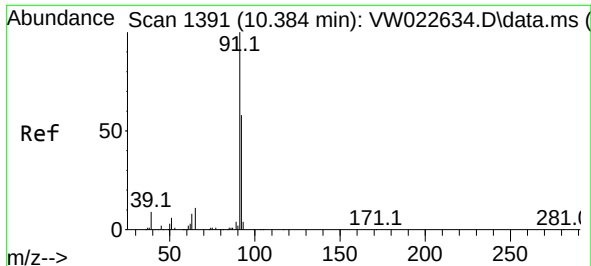
Ion Ratio Lower Upper

43 100

58 40.1 29.3 43.9

100 18.1 12.2 18.4





#42

Toluene

Concen: 25.020 ug/L

RT: 10.390 min Scan# 1391

Delta R.T. 0.006 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

Instrument :

MSVOA_W

ClientSampleId :

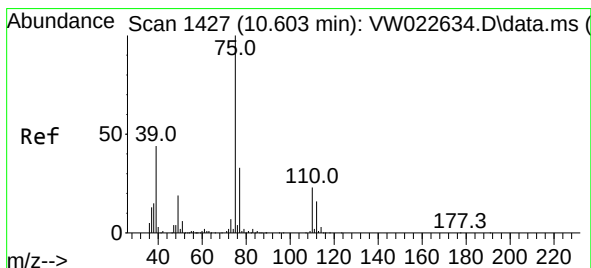
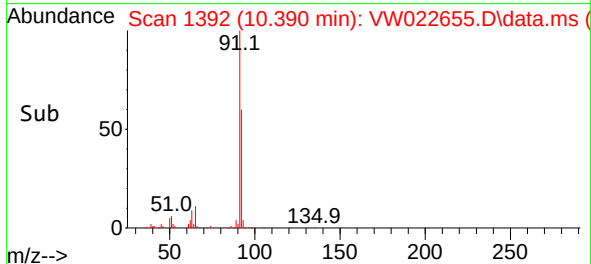
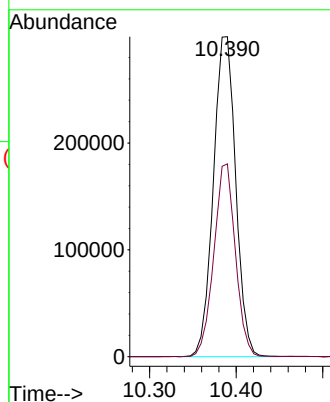
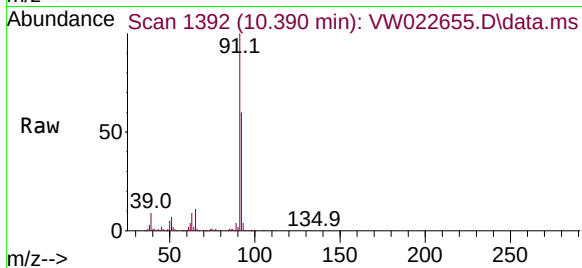
VSTD025502

Tgt Ion: 91 Resp: 537090

Ion Ratio Lower Upper

91 100

92 60.3 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 24.877 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW022655.D

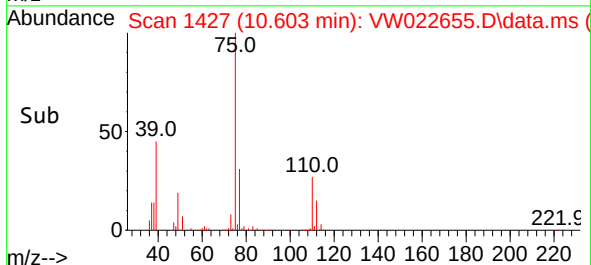
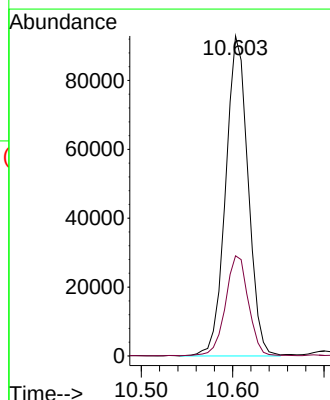
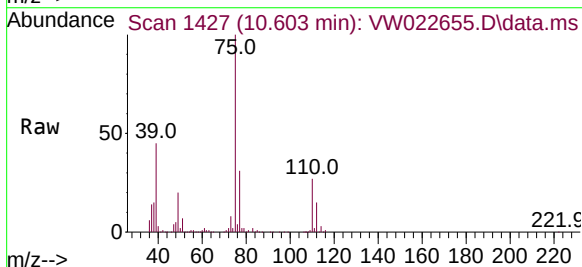
Acq: 27 Apr 2022 20:20

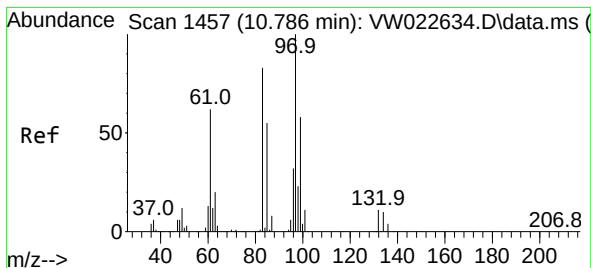
Tgt Ion: 75 Resp: 158630

Ion Ratio Lower Upper

75 100

77 31.3 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 28.916 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025502

Tgt Ion: 97 Resp: 99044

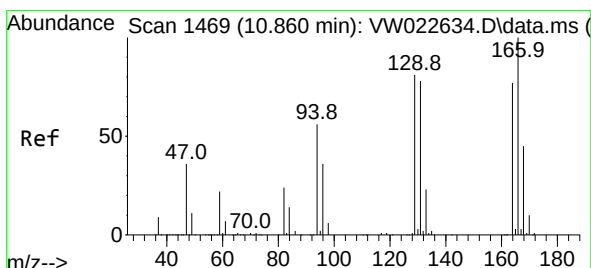
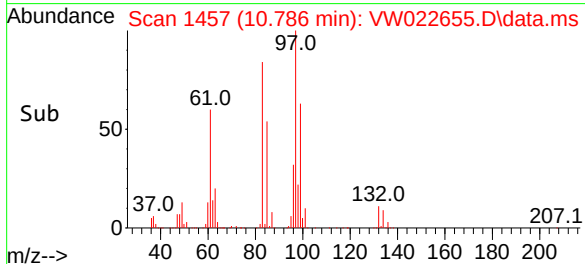
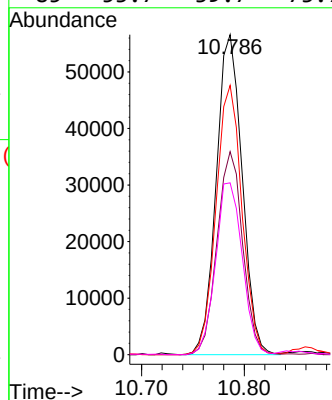
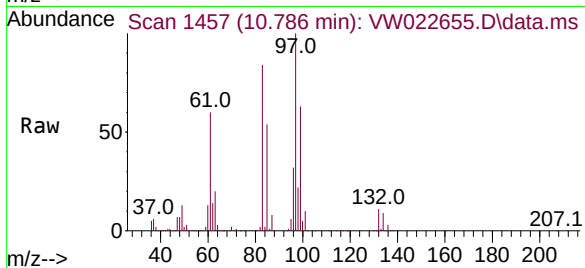
Ion Ratio Lower Upper

97 100

99 63.5 46.0 85.4

83 84.2 60.6 112.6

85 53.7 39.7 73.7



#46

Tetrachloroethene

Concen: 25.580 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

Tgt Ion:164 Resp: 94316

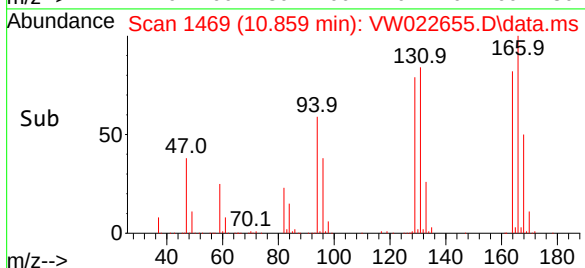
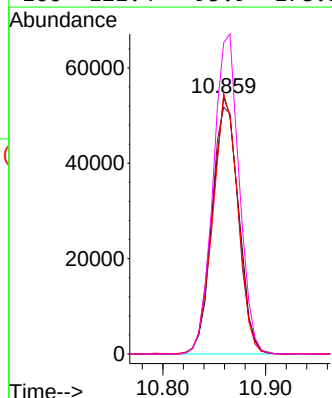
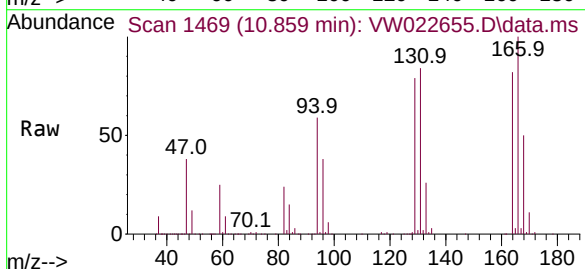
Ion Ratio Lower Upper

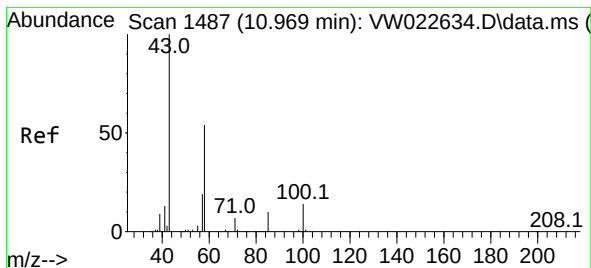
164 100

129 96.2 74.1 137.7

131 101.5 71.4 132.6

166 121.4 95.9 178.1





#48

2-Hexanone

Concen: 55.620 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025502

Tgt Ion: 43 Resp: 107471

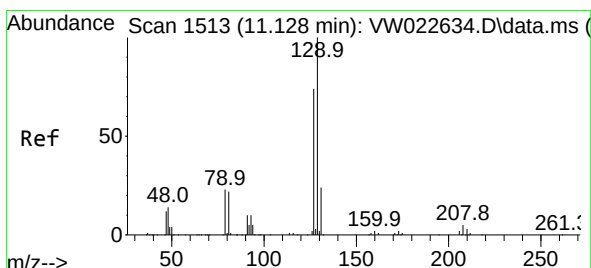
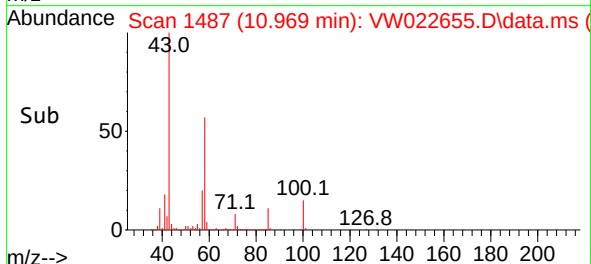
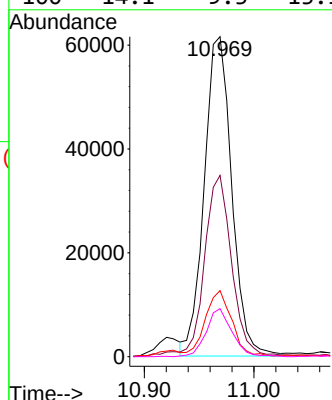
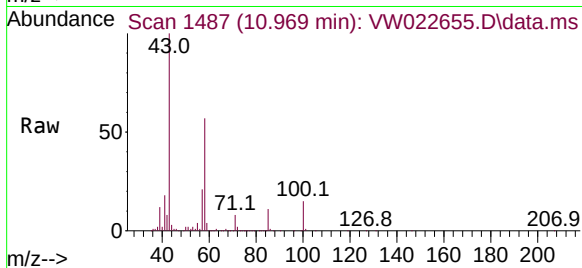
Ion Ratio Lower Upper

43 100

58 55.3 41.6 62.4

57 19.5 14.5 21.7

100 14.1 9.3 13.9#



#49

Dibromochloromethane

Concen: 29.669 ug/L

RT: 11.127 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW022655.D

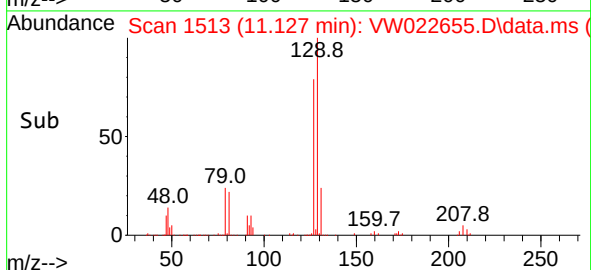
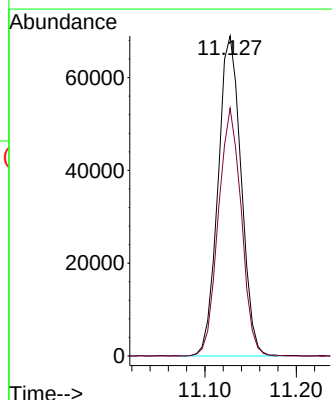
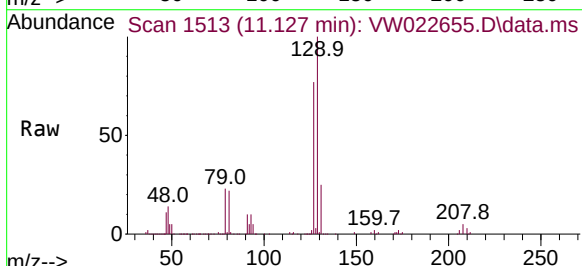
Acq: 27 Apr 2022 20:20

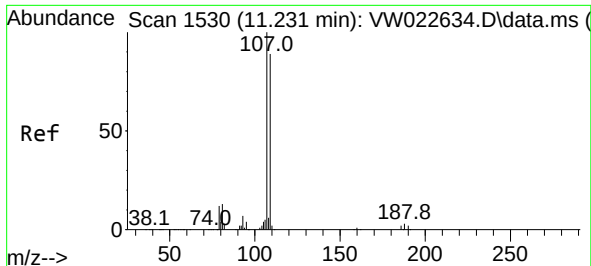
Tgt Ion: 129 Resp: 121196

Ion Ratio Lower Upper

129 100

127 77.4 52.6 97.6





#50

1,2-Dibromoethane

Concen: 29.483 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025502

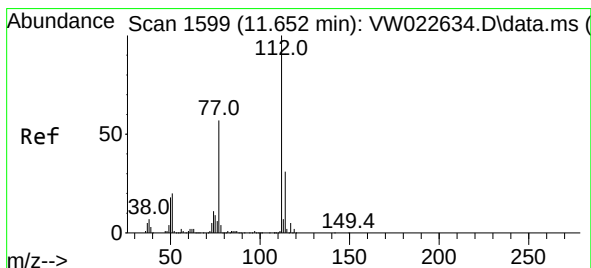
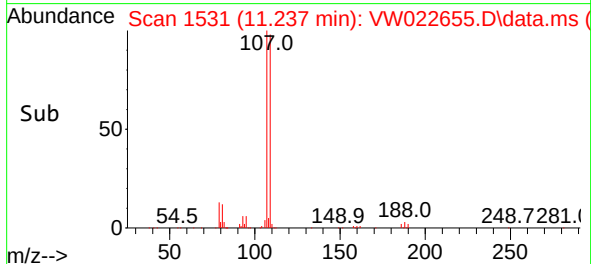
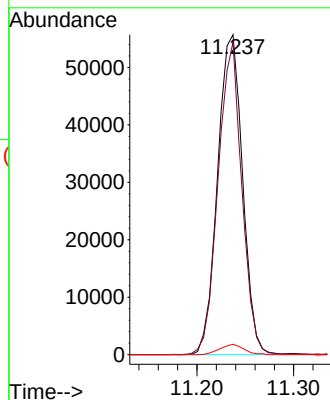
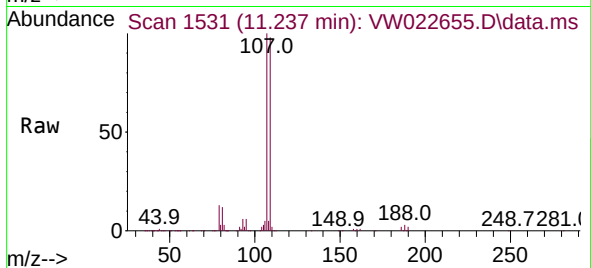
Tgt Ion:107 Resp: 99715

Ion Ratio Lower Upper

107 100

109 97.7 68.2 126.6

188 3.3 2.8 4.2



#51

Chlorobenzene

Concen: 27.676 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

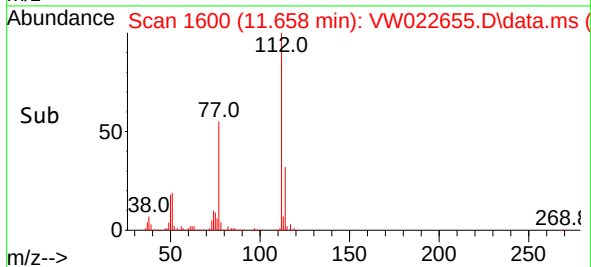
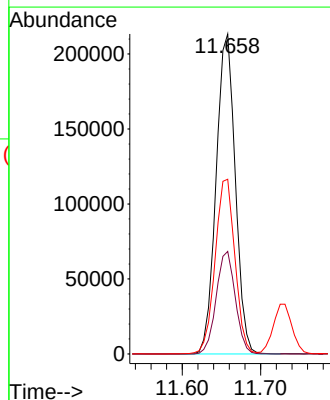
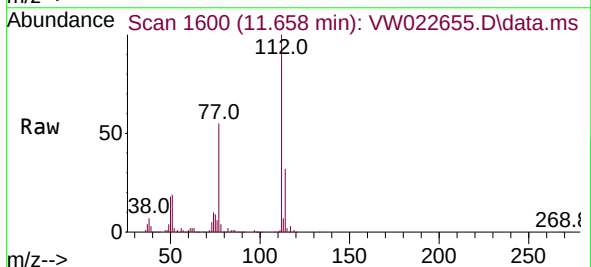
Tgt Ion:112 Resp: 363056

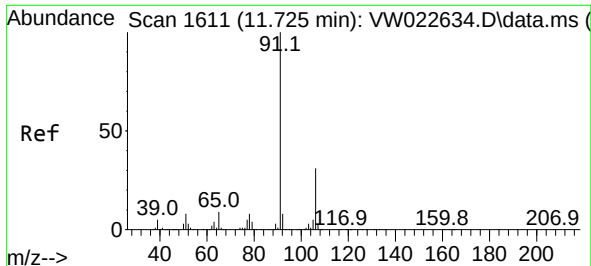
Ion Ratio Lower Upper

112 100

114 32.0 20.5 38.1

77 54.6 48.1 72.1

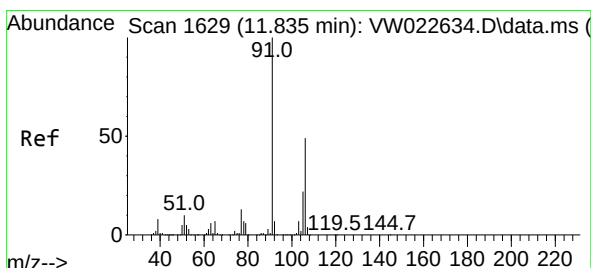
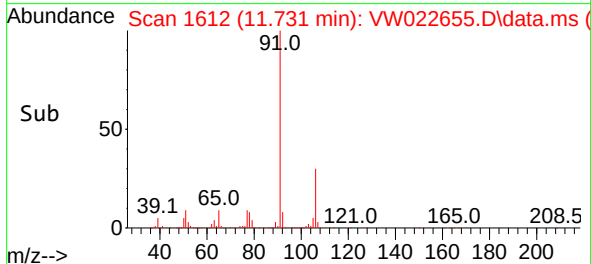
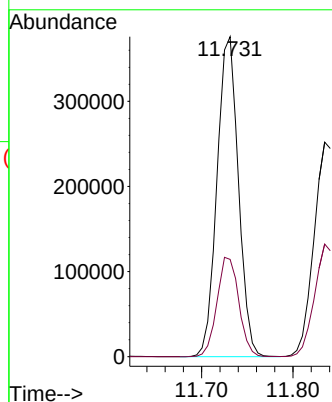
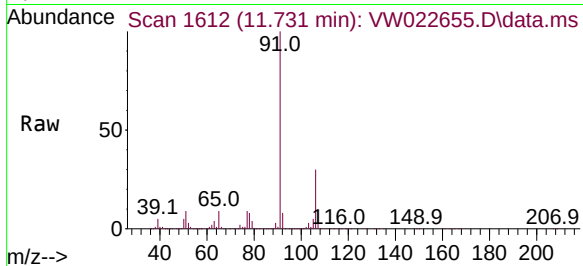




#52
Ethylbenzene
Concen: 25.402 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW022655.D
Acq: 27 Apr 2022 20:20

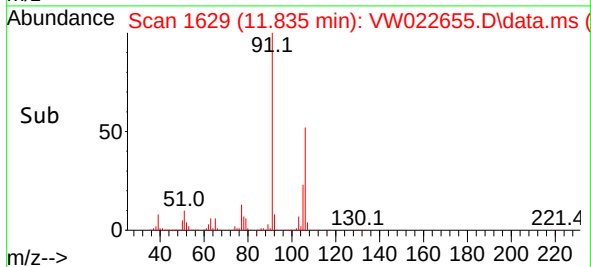
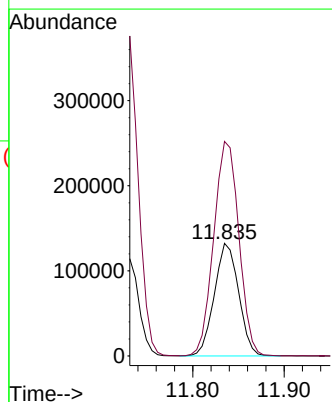
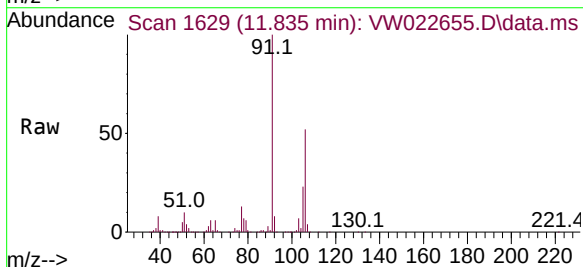
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

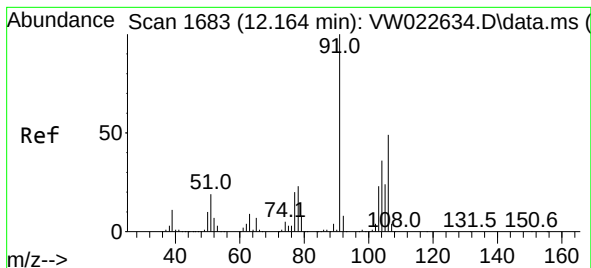
Tgt Ion: 91 Resp: 611223
Ion Ratio Lower Upper
91 100
106 30.4 20.5 38.1



#53
m,p-Xylene
Concen: 26.734 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022655.D
Acq: 27 Apr 2022 20:20

Tgt Ion: 106 Resp: 244588
Ion Ratio Lower Upper
106 100
91 190.6 149.9 278.5

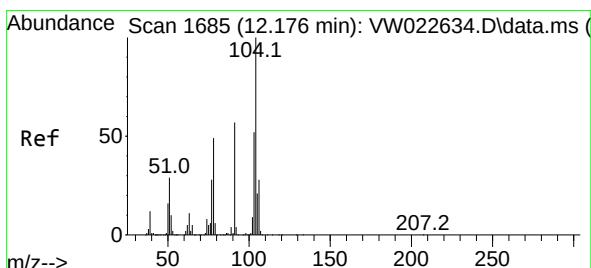
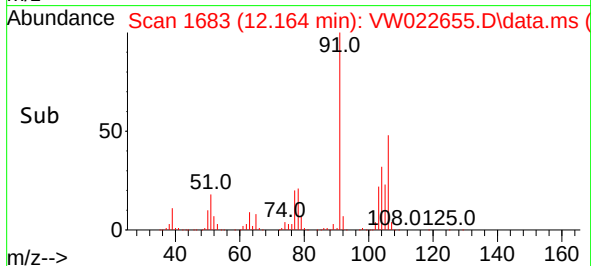
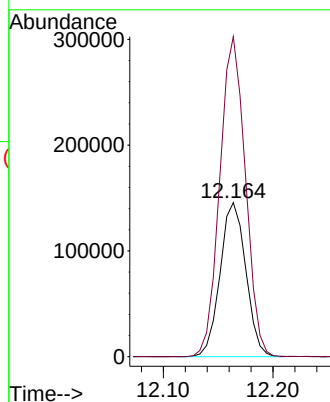
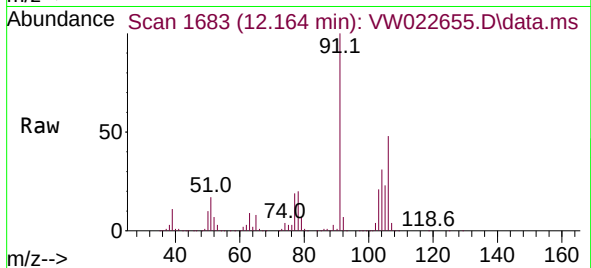




#54
o-Xylene
Concen: 27.188 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022655.D
Acq: 27 Apr 2022 20:20

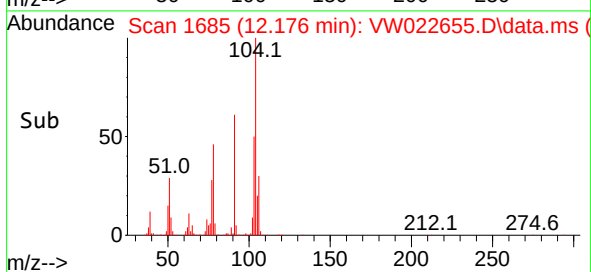
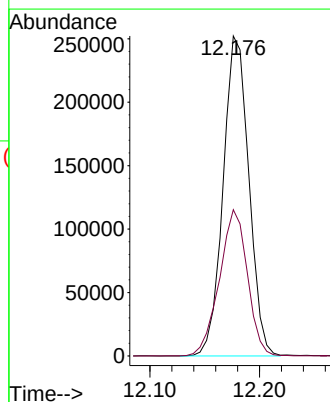
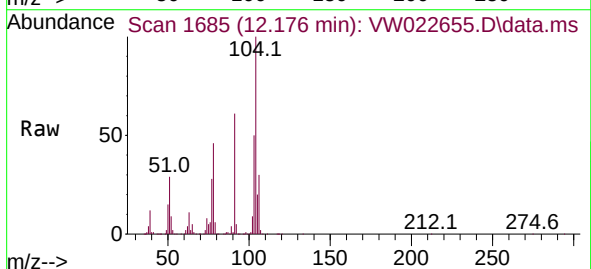
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

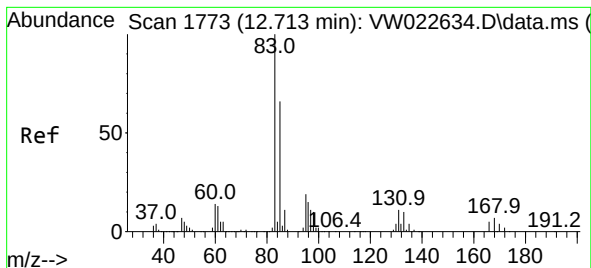
Tgt Ion:106 Resp: 237696
Ion Ratio Lower Upper
106 100
91 207.8 155.3 288.3



#55
Styrene
Concen: 27.504 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022655.D
Acq: 27 Apr 2022 20:20

Tgt Ion:104 Resp: 410825
Ion Ratio Lower Upper
104 100
78 45.7 34.4 64.0

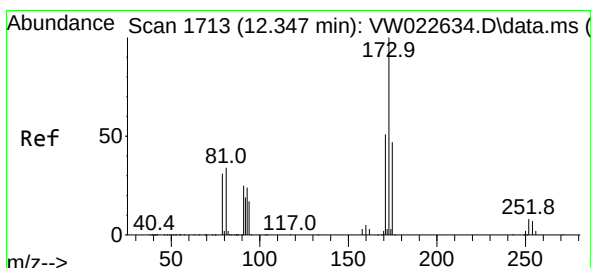
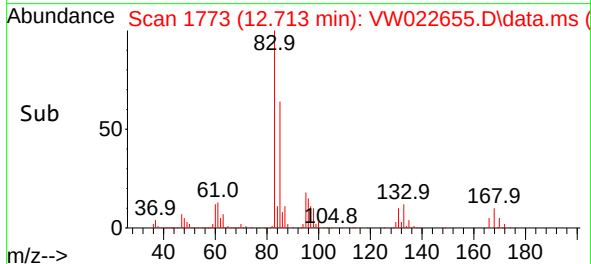
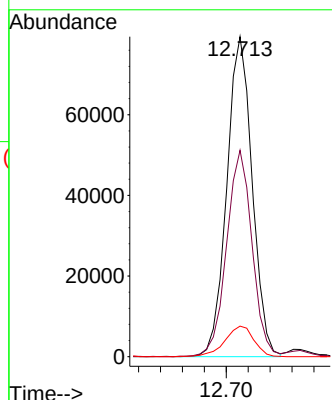
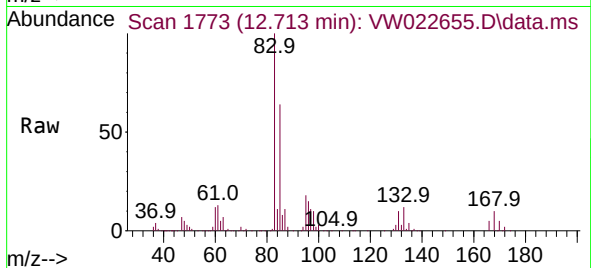




#57
1,1,2-Tetrachloroethane
Concen: 30.396 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW022655.D
Acq: 27 Apr 2022 20:20

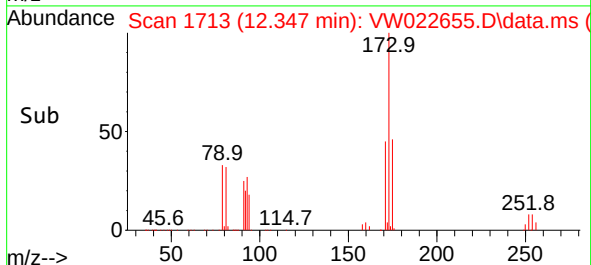
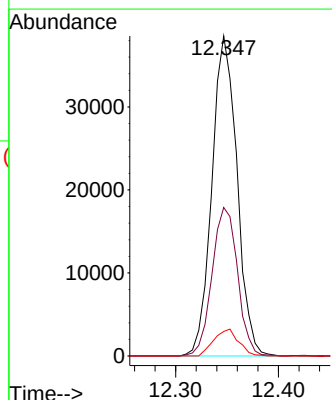
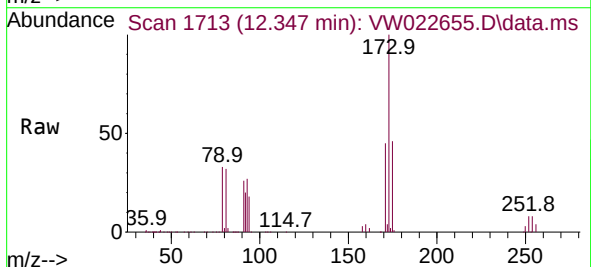
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

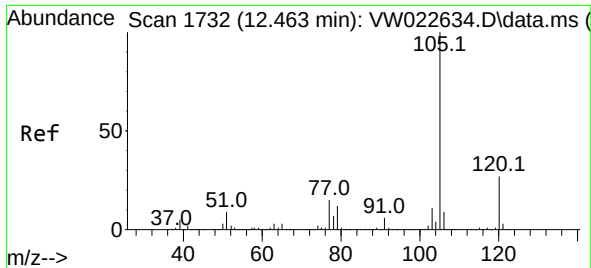
Tgt Ion: 83 Resp: 127786
Ion Ratio Lower Upper
83 100
85 64.5 45.5 84.5
131 9.6 7.8 11.8



#59
Bromoform
Concen: 28.944 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW022655.D
Acq: 27 Apr 2022 20:20

Tgt Ion: 173 Resp: 65401
Ion Ratio Lower Upper
173 100
175 47.1 39.2 58.8
254 8.3 6.6 9.8

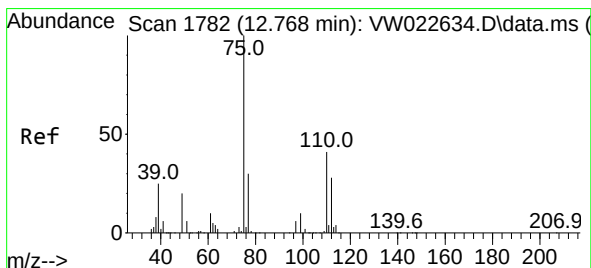
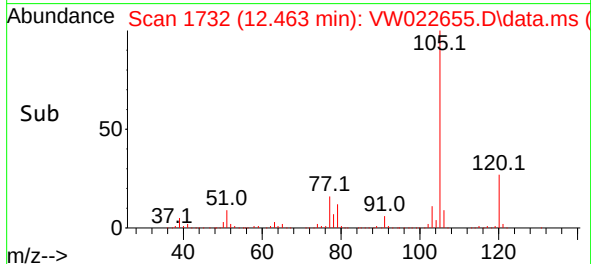
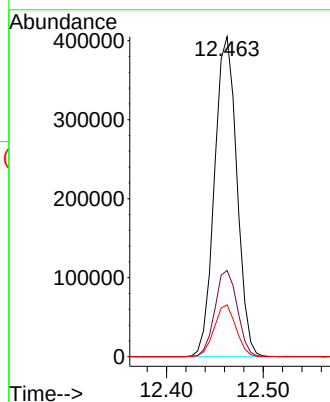
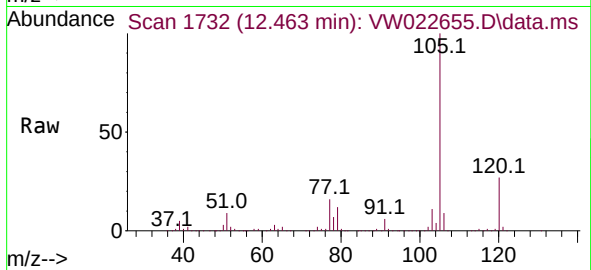




#60
Isopropylbenzene
Concen: 25.740 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022655.D
Acq: 27 Apr 2022 20:20

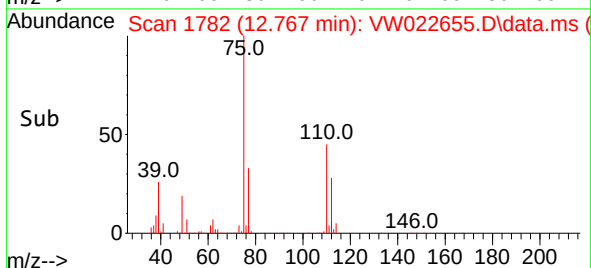
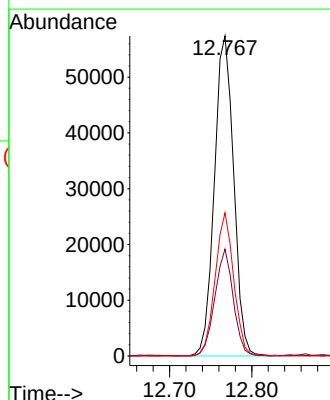
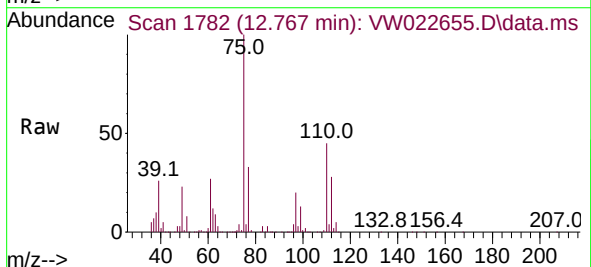
Instrument :
MSVOA_W
ClientSampleId :
VSTD025502

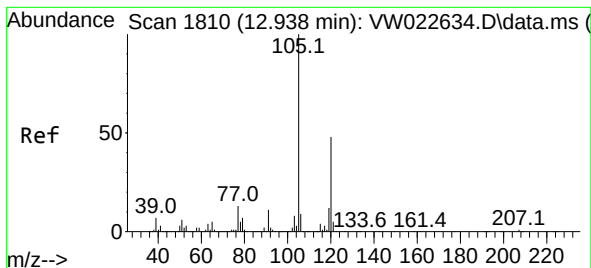
Tgt Ion:105 Resp: 650200
Ion Ratio Lower Upper
105 100
120 27.1 20.9 31.3
77 15.8 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 28.999 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022655.D
Acq: 27 Apr 2022 20:20

Tgt Ion: 75 Resp: 93804
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
110 43.1 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 25.594 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

Instrument :

MSVOA_W

ClientSampleId :

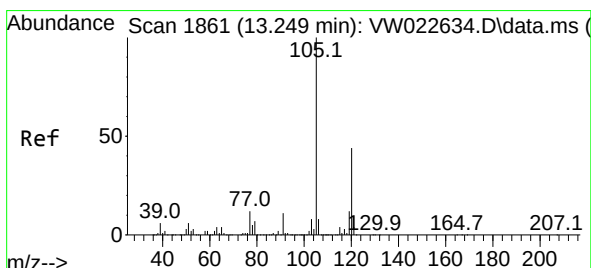
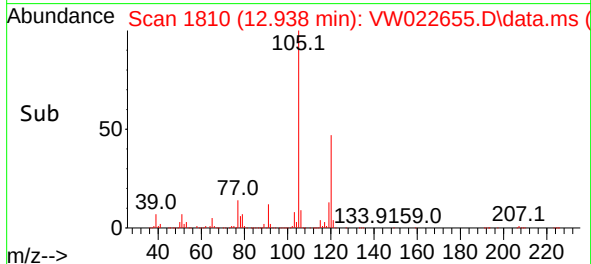
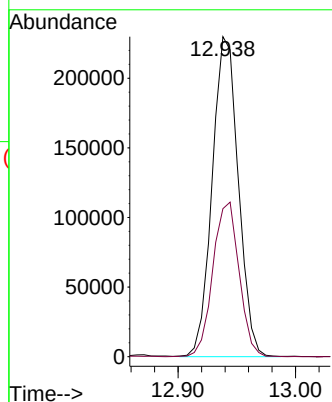
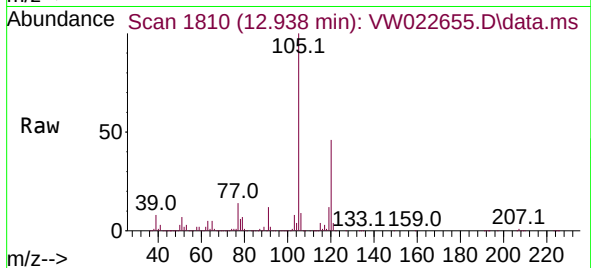
VSTD025502

Tgt Ion:105 Resp: 355554

Ion Ratio Lower Upper

105 100

120 48.3 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 25.364 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022655.D

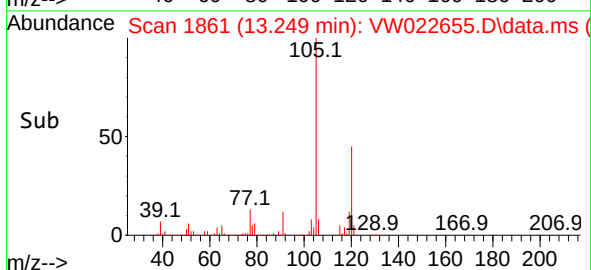
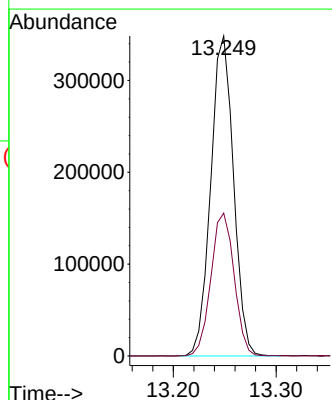
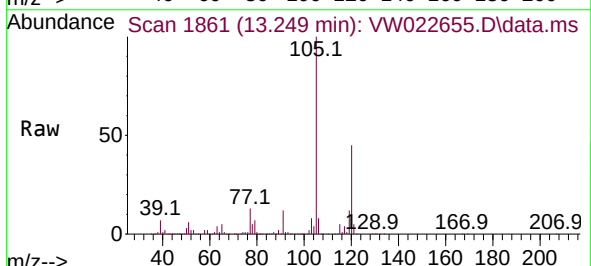
Acq: 27 Apr 2022 20:20

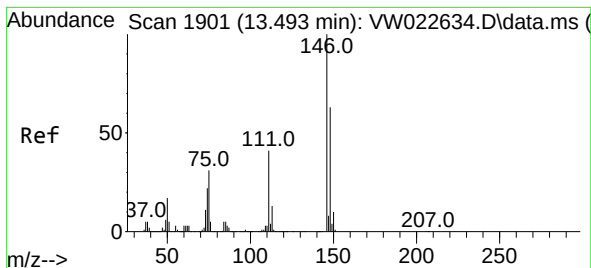
Tgt Ion:105 Resp: 535819

Ion Ratio Lower Upper

105 100

120 45.4 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 27.141 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025502

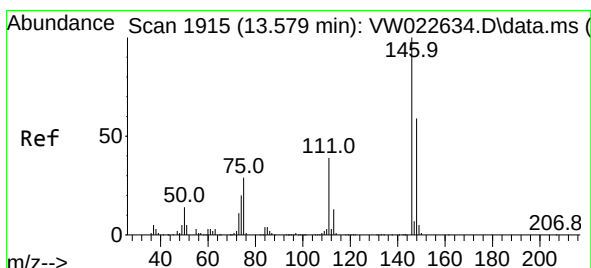
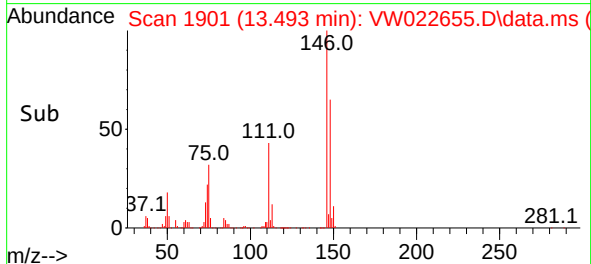
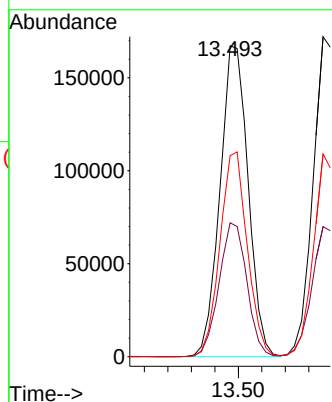
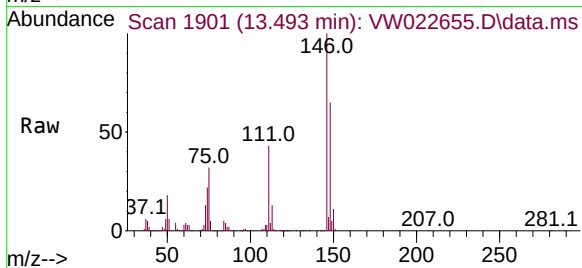
Tgt Ion:146 Resp: 278243

Ion Ratio Lower Upper

146 100

111 43.1 28.2 52.4

148 64.6 41.9 77.7



#65

1,4-Dichlorobenzene

Concen: 27.253 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

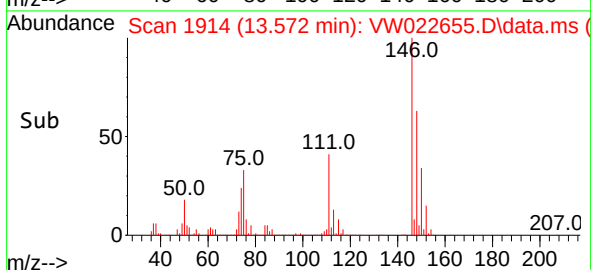
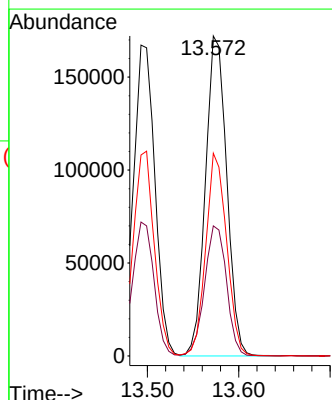
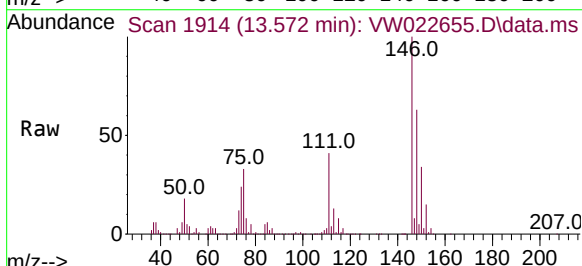
Tgt Ion:146 Resp: 278639

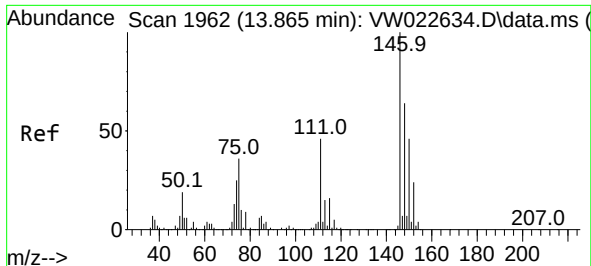
Ion Ratio Lower Upper

146 100

111 40.7 28.5 52.9

148 63.3 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 27.179 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025502

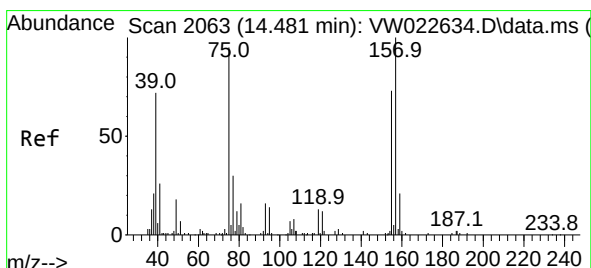
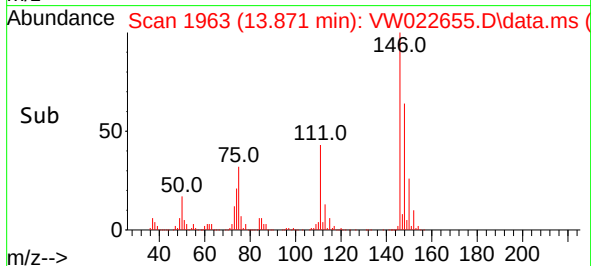
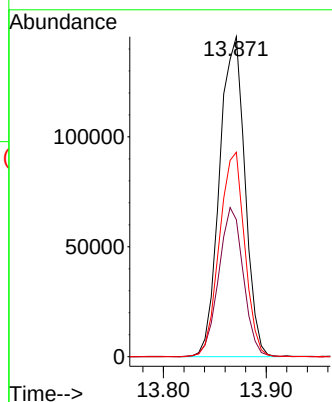
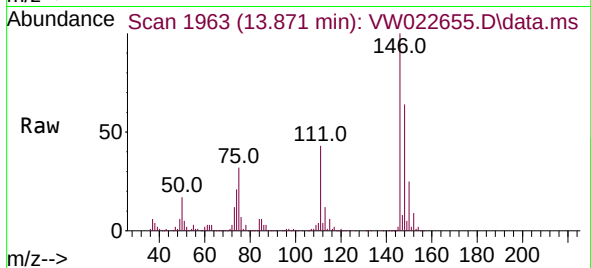
Tgt Ion:146 Resp: 249192

Ion Ratio Lower Upper

146 100

111 42.8 39.0 58.4

148 63.9 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 26.882 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

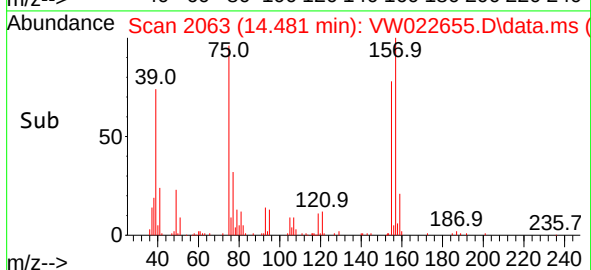
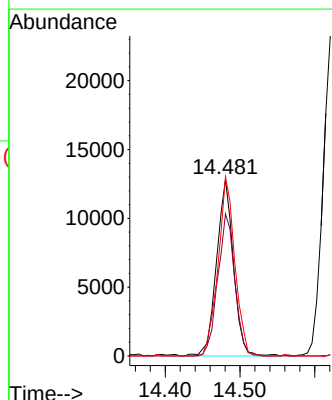
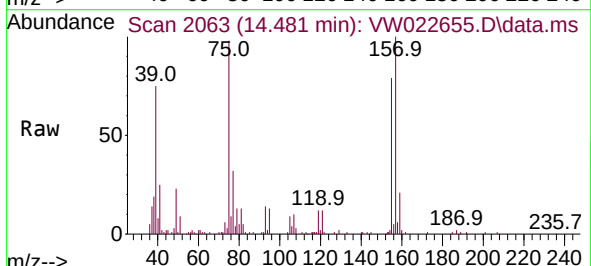
Tgt Ion: 75 Resp: 20167

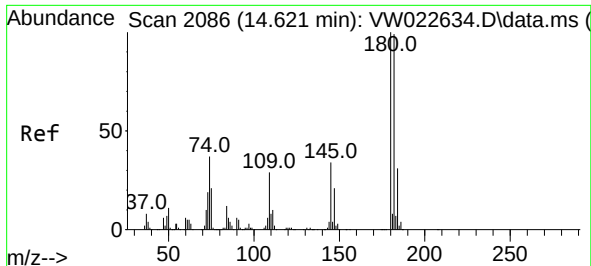
Ion Ratio Lower Upper

75 100

155 80.4 55.6 83.4

157 101.5 69.8 104.6





#69

1,3,5-Trichlorobenzene

Concen: 27.305 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.000 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025502

Tgt Ion:180 Resp: 182641

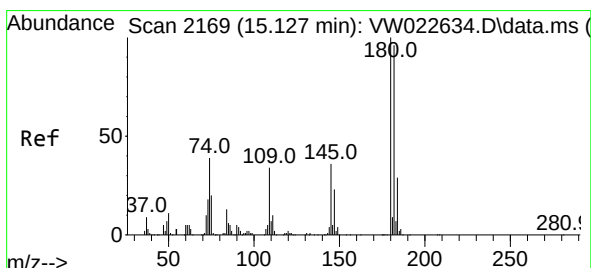
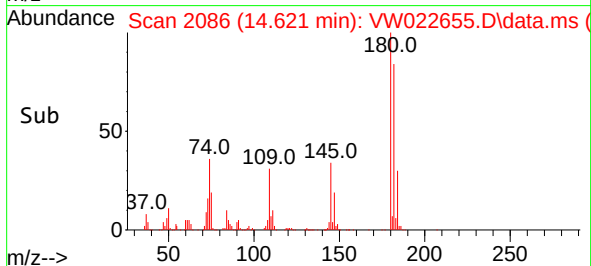
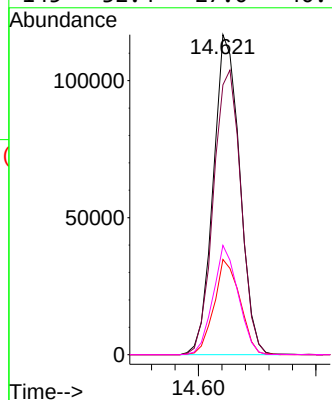
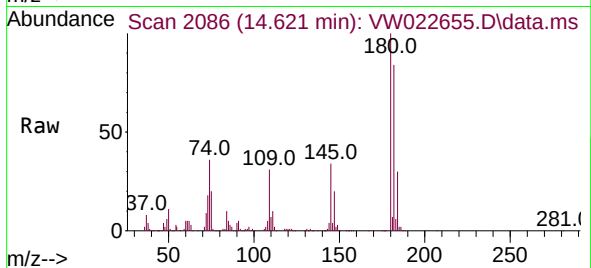
Ion Ratio Lower Upper

180 100

182 92.3 79.1 118.7

184 29.1 24.5 36.7

145 32.4 27.0 40.4



#70

1,2,4-trichlorobenzene

Concen: 26.265 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

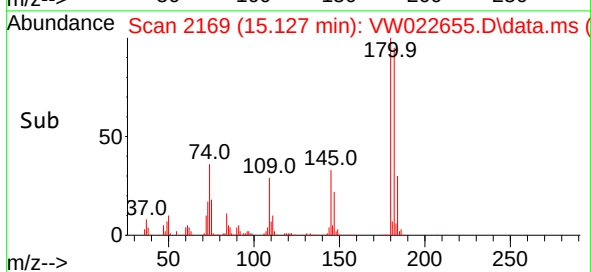
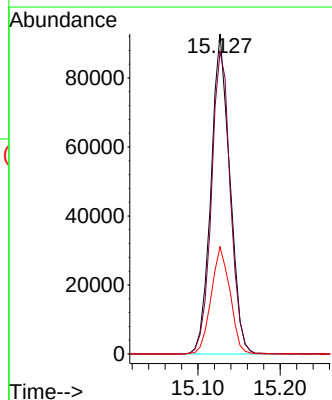
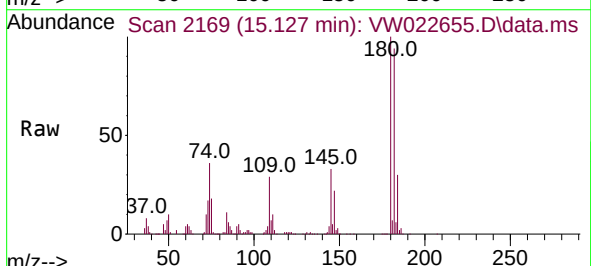
Tgt Ion:180 Resp: 147547

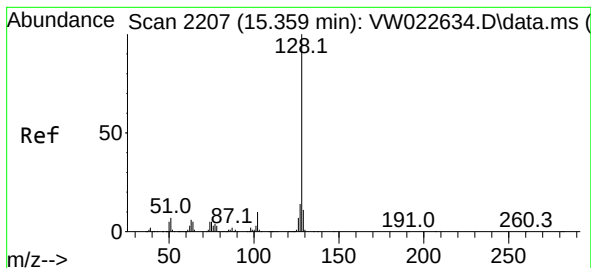
Ion Ratio Lower Upper

180 100

182 94.8 72.8 109.2

145 33.5 25.5 38.3





#71

Naphthalene

Concen: 29.020 ug/L

RT: 15.358 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

Instrument :

MSVOA_W

ClientSampleId :

VSTD025502

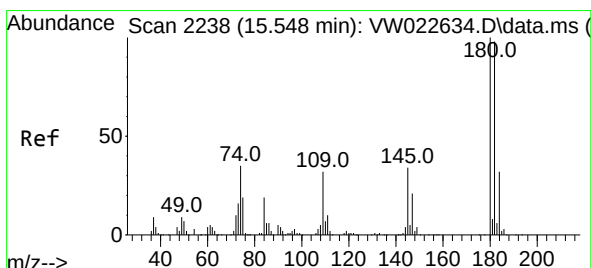
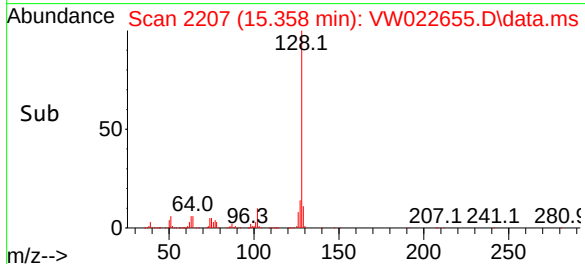
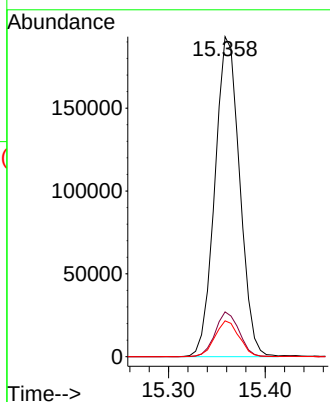
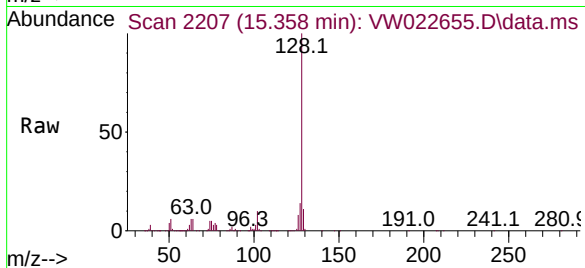
Tgt Ion:128 Resp: 343842

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 26.991 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW022655.D

Acq: 27 Apr 2022 20:20

Tgt Ion:180 Resp: 129602

Ion Ratio Lower Upper

180 100

182 94.9 73.4 110.0

145 36.0 27.0 40.6

